

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022525\
 Data File : VN085854.D
 Acq On : 25 Feb 2025 14:00
 Operator : JC\MD
 Sample : VN0225MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/26/2025
 Supervised By : Mahesh Dadoda 02/26/2025

Quant Time: Feb 25 23:34:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	262743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	436749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	385224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	185906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	174895	51.343	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.680%			
35) Dibromofluoromethane	8.165	113	149911	52.455	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.920%			
50) Toluene-d8	10.565	98	554185	53.298	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.600%			
62) 4-Bromofluorobenzene	12.847	95	183180	53.470	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.940%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	70254	19.658	ug/l	98
3) Chloromethane	2.359	50	70676	19.708	ug/l	99
4) Vinyl Chloride	2.512	62	76124	20.048	ug/l	99
5) Bromomethane	2.959	94	46095	18.985	ug/l	97
6) Chloroethane	3.118	64	49469	19.669	ug/l	97
7) Trichlorofluoromethane	3.501	101	114865	20.894	ug/l	97
8) Diethyl Ether	3.959	74	35930	20.199	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	67003	21.085	ug/l	99
10) Methyl Iodide	4.589	142	79569	20.313	ug/l	100
11) Tert butyl alcohol	5.524	59	54262	129.516	ug/l	99
12) 1,1-Dichloroethene	4.348	96	59105	20.513	ug/l	97
13) Acrolein	4.183	56	53604	86.278	ug/l	98
14) Allyl chloride	5.024	41	78072	20.638	ug/l	94
15) Acrylonitrile	5.718	53	166718	122.406	ug/l	99
16) Acetone	4.430	43	125825	116.738	ug/l	99
17) Carbon Disulfide	4.712	76	161312	18.890	ug/l	99
18) Methyl Acetate	5.018	43	90379	24.379	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	187612	21.912	ug/l	97
20) Methylene Chloride	5.277	84	75216	21.700	ug/l	98
21) trans-1,2-Dichloroethene	5.789	96	64463	20.778	ug/l	96
22) Diisopropyl ether	6.671	45	195869	22.914	ug/l	99
23) Vinyl Acetate	6.606	43	636535	108.756	ug/l	99
24) 1,1-Dichloroethane	6.571	63	128249	22.071	ug/l	99
25) 2-Butanone	7.483	43	197034	124.257	ug/l	98
26) 2,2-Dichloropropane	7.489	77	106923	20.693	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	76003	21.127	ug/l	99
28) Bromochloromethane	7.812	49	53702	22.485	ug/l	95
29) Tetrahydrofuran	7.841	42	134582	131.433	ug/l	99
30) Chloroform	7.965	83	132392	21.802	ug/l	95
31) Cyclohexane	8.253	56	92921	19.099	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	116911	21.645	ug/l	97
36) 1,1-Dichloropropene	8.365	75	84263	20.833	ug/l	98
37) Ethyl Acetate	7.559	43	83925	25.214	ug/l	99
38) Carbon Tetrachloride	8.359	117	103383	21.512	ug/l	95
39) Methylcyclohexane	9.600	83	75512	19.004	ug/l	94
40) Benzene	8.606	78	281478	21.713	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	43416	24.400	ug/l	97
42) 1,2-Dichloroethane	8.671	62	92280	21.854	ug/l	99
43) Isopropyl Acetate	8.688	43	138164	23.361	ug/l	99
44) Trichloroethene	9.347	130	65418	20.553	ug/l	99
45) 1,2-Dichloropropane	9.618	63	69877	22.331	ug/l	99
46) Dibromomethane	9.706	93	48738	22.082	ug/l	98
47) Bromodichloromethane	9.888	83	106416	22.535	ug/l	99
48) Methyl methacrylate	9.682	41	56653	22.918	ug/l	95
49) 1,4-Dioxane	9.688	88	27203	578.697	ug/l	93
51) 4-Methyl-2-Pentanone	10.441	43	425697	132.651	ug/l	99
52) Toluene	10.629	92	169479	22.303	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	96752	22.158	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	105486	22.031	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	69137	22.883	ug/l	97
56) Ethyl methacrylate	10.871	69	91506	22.714	ug/l	97
57) 1,3-Dichloropropane	11.159	76	113003	22.405	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	168535	116.190	ug/l	99
59) 2-Hexanone	11.194	43	300842	136.268	ug/l	98
60) Dibromochloromethane	11.359	129	81175	23.073	ug/l	100
61) 1,2-Dibromoethane	11.465	107	65846	23.066	ug/l	100
64) Tetrachloroethene	11.100	164	60267	20.194	ug/l	98
65) Chlorobenzene	11.888	112	187471	21.243	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	70661	22.277	ug/l	98
67) Ethyl Benzene	11.965	91	290186	20.992	ug/l	98
68) m/p-Xylenes	12.071	106	238549	45.430	ug/l	95
69) o-Xylene	12.394	106	106391	21.322	ug/l	99
70) Styrene	12.412	104	186361	21.551	ug/l	100
71) Bromoform	12.576	173	54748	23.228	ug/l #	98
73) Isopropylbenzene	12.694	105	265308	20.831	ug/l	99
74) N-amyl acetate	12.494	43	102946	22.921	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	98932	22.573	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	80374m	19.463	ug/l	
77) Bromobenzene	12.976	156	71879	20.889	ug/l	95
78) n-propylbenzene	13.035	91	315294	21.616	ug/l	99
79) 2-Chlorotoluene	13.123	91	204849	21.020	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	225204	21.706	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	35206	24.875	ug/l	91
82) 4-Chlorotoluene	13.218	91	208491	21.580	ug/l	99
83) tert-Butylbenzene	13.435	119	179454	20.569	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	229625	22.371	ug/l	99
85) sec-Butylbenzene	13.618	105	253975	20.604	ug/l	99
86) p-Isopropyltoluene	13.729	119	204958	19.457	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	130436	20.233	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	129895	19.659	ug/l	99
89) n-Butylbenzene	14.053	91	161076	18.405	ug/l	96
90) Hexachloroethane	14.329	117	48257	20.671	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	127991	20.646	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	18084	22.470	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	54136	18.326	ug/l	99
94) Hexachlorobutadiene	15.500	225	30739	17.122	ug/l	99
95) Naphthalene	15.641	128	150754	18.589	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	55344	18.662	ug/l	100

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QLast Update : Wed Feb 19 03:43:32 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

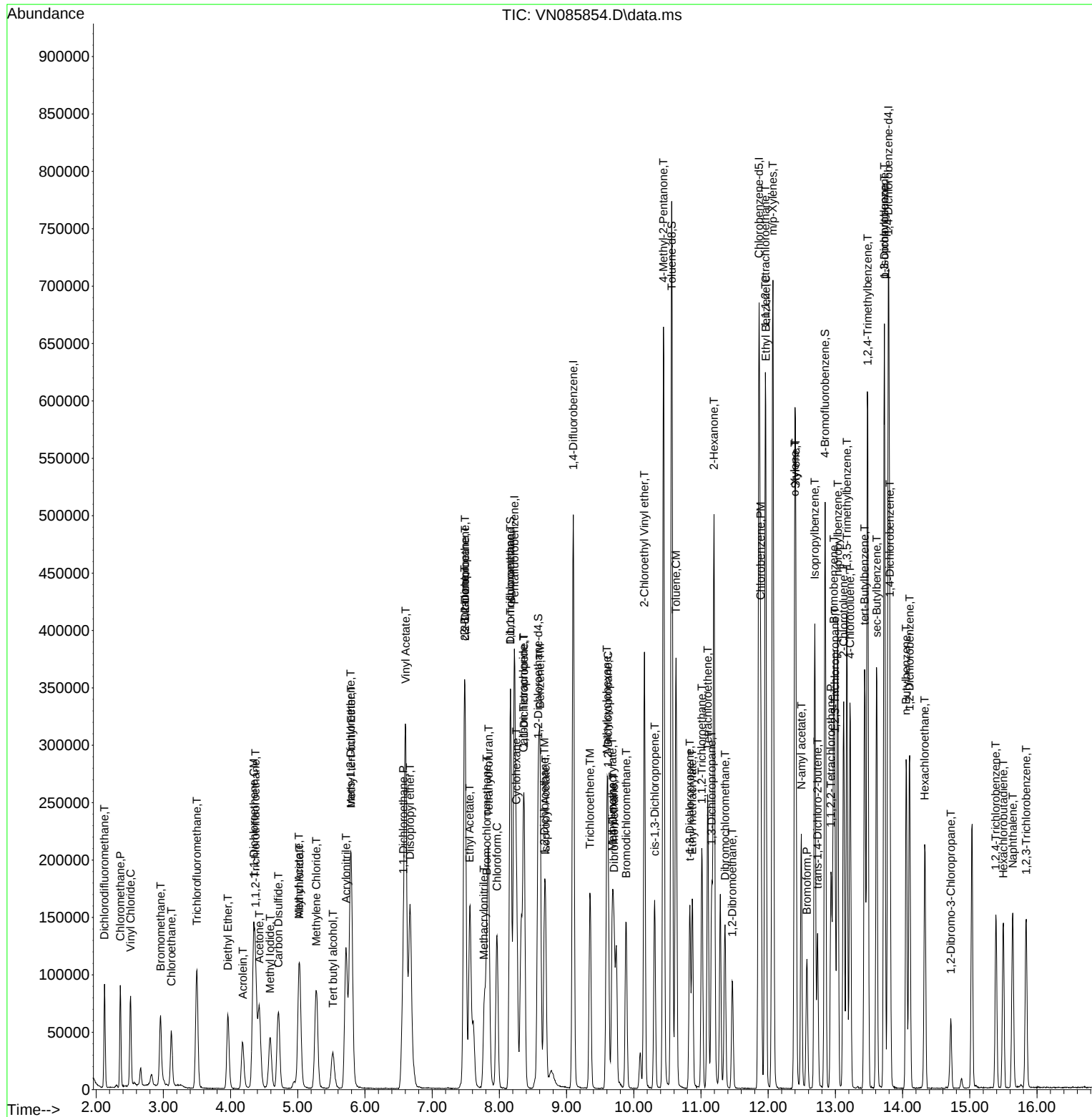
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Data File : VN085854.D
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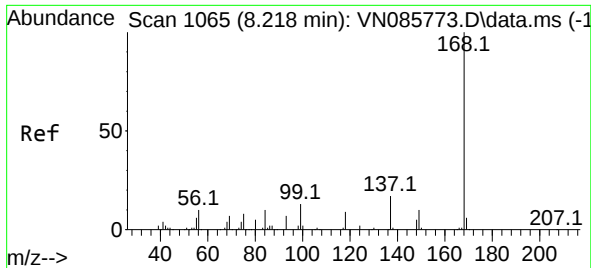
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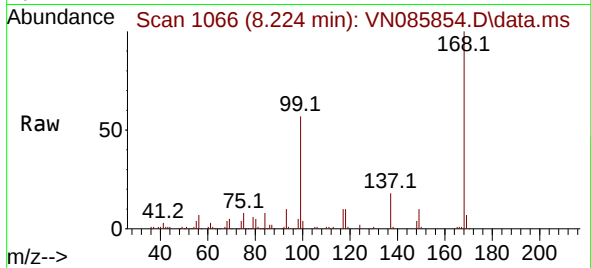
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

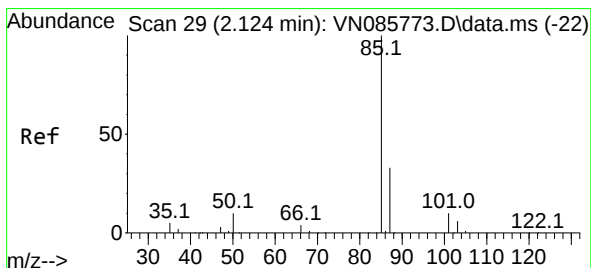
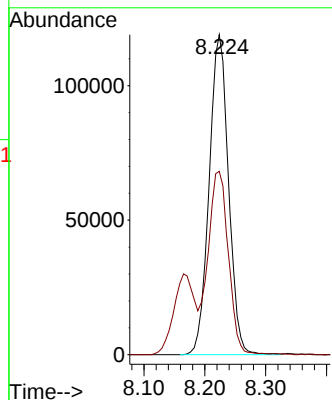
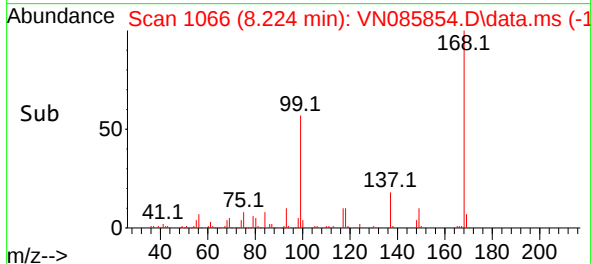
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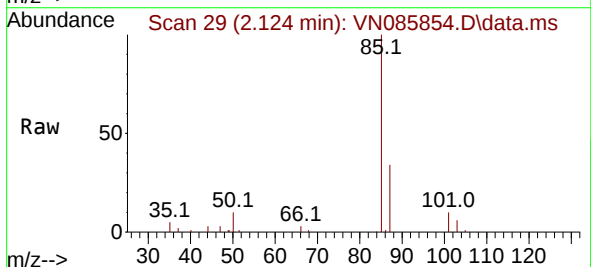
Tgt Ion:168 Resp: 26274
Ion Ratio Lower Upper
168 100
99 57.1 47.9 71.9

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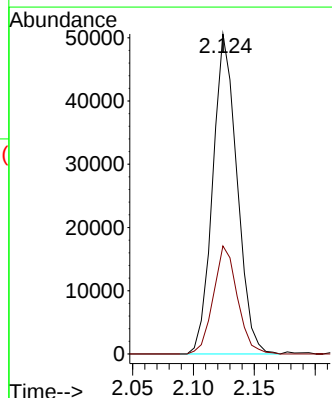
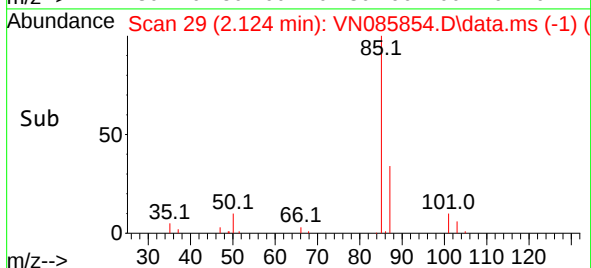
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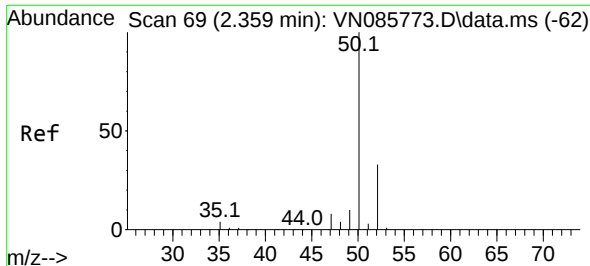


#2
Dichlorodifluoromethane
Concen: 19.658 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00



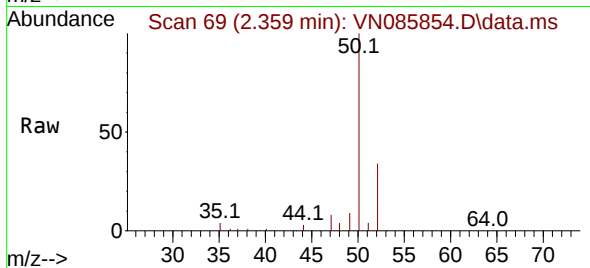
Tgt Ion: 85 Resp: 70254
Ion Ratio Lower Upper
85 100
87 33.8 16.4 49.2





#3
Chloromethane
Concen: 19.708 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

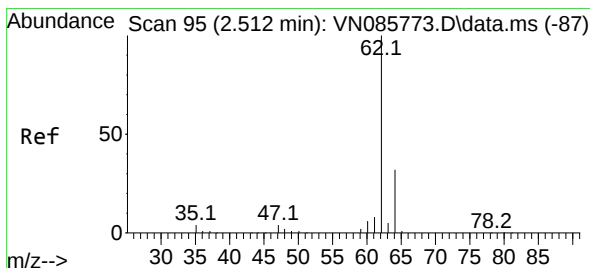
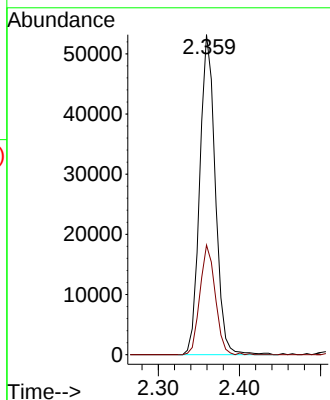
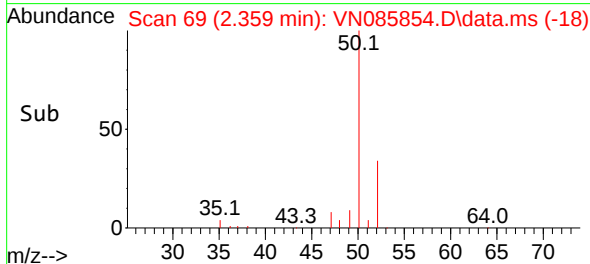
Instrument :
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Tgt Ion: 50 Resp: 70670
Ion Ratio Lower Upper
50 100
52 34.3 26.7 40.1

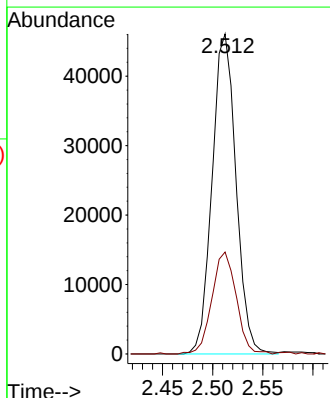
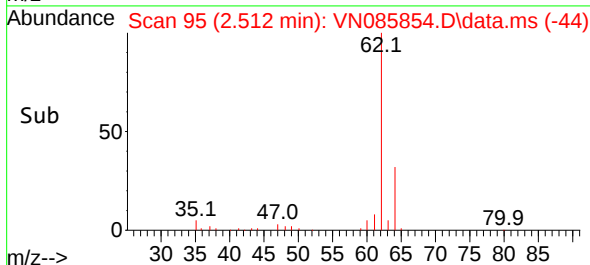
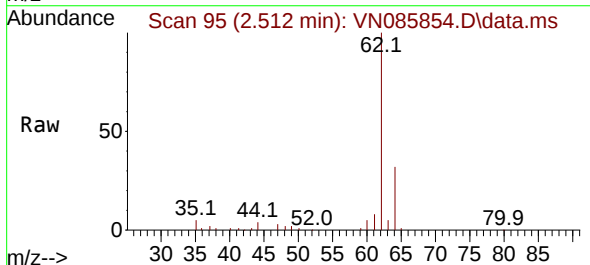
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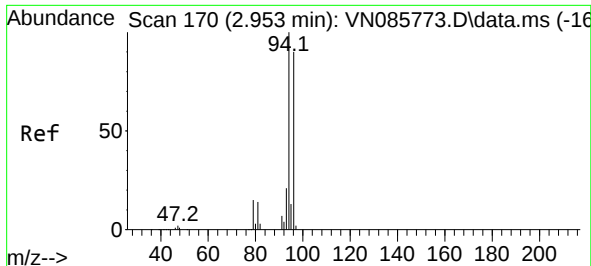
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#4
Vinyl Chloride
Concen: 20.048 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

Tgt Ion: 62 Resp: 76124
Ion Ratio Lower Upper
62 100
64 31.9 25.9 38.9





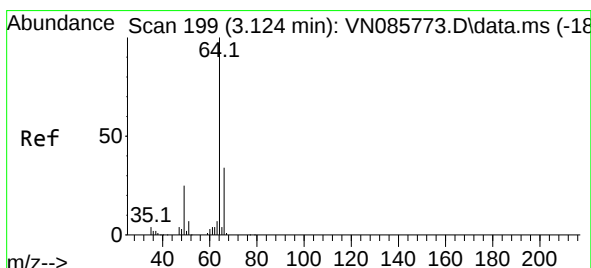
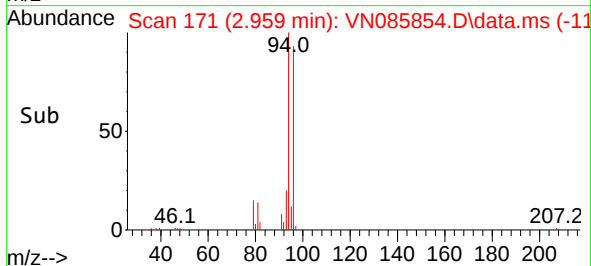
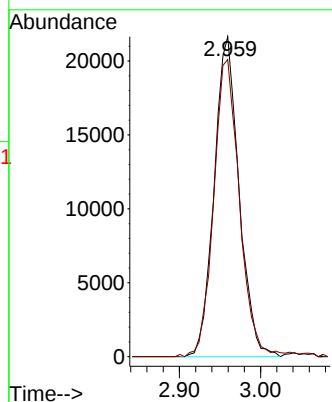
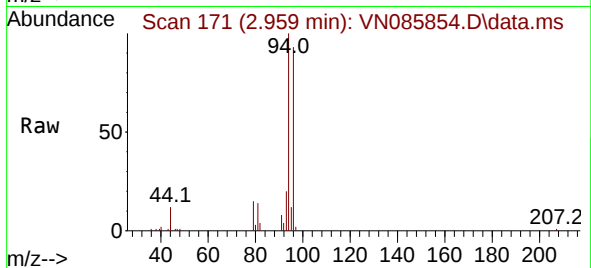
#5
Bromomethane
Concen: 18.985 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

Instrument :
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Tgt Ion: 94 Resp: 4609
Ion Ratio Lower Upper
94 100
96 92.2 71.7 107.5

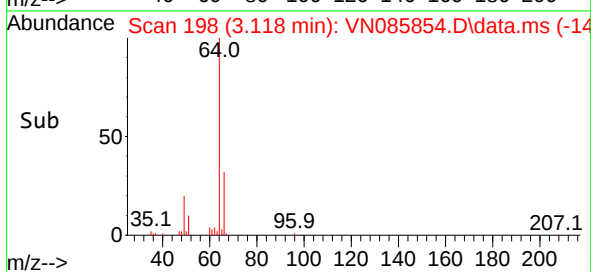
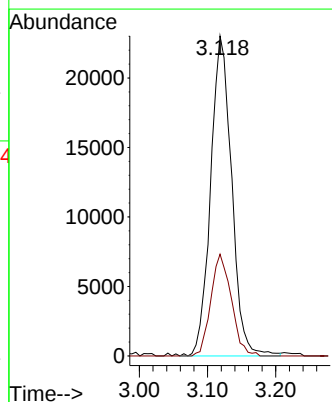
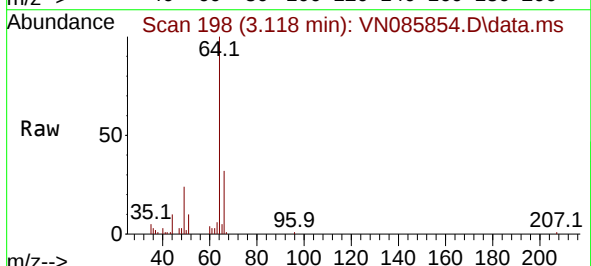
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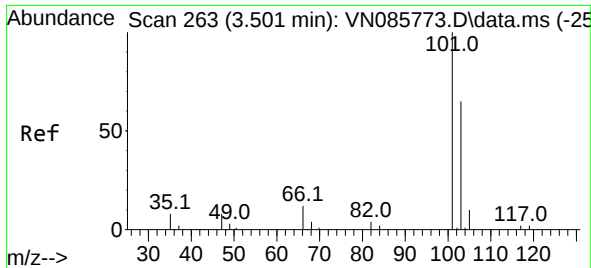
Reviewed By :John Carlone 02/26/2025
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#6
Chloroethane
Concen: 19.669 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

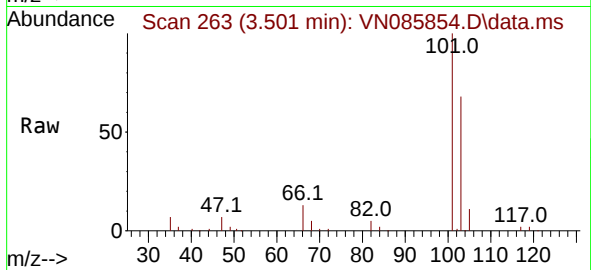
Tgt Ion: 64 Resp: 49469
Ion Ratio Lower Upper
64 100
66 31.8 27.0 40.6





#7
 Trichlorofluoromethane
 Concen: 20.894 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN085854.D
 Acq: 25 Feb 2025 14:00

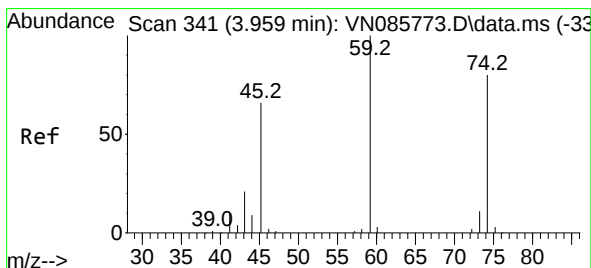
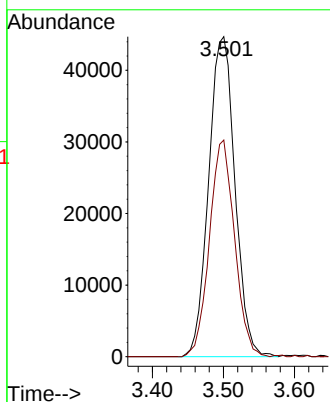
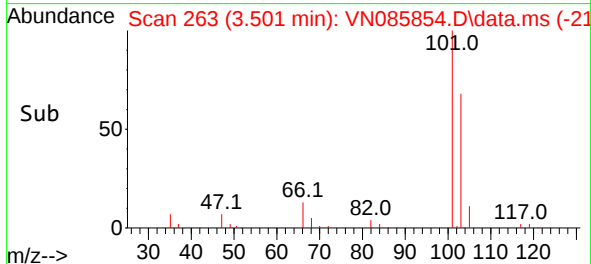
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Tgt Ion:101 Resp: 11486
 Ion Ratio Lower Upper
 101 100
 103 67.7 52.2 78.4

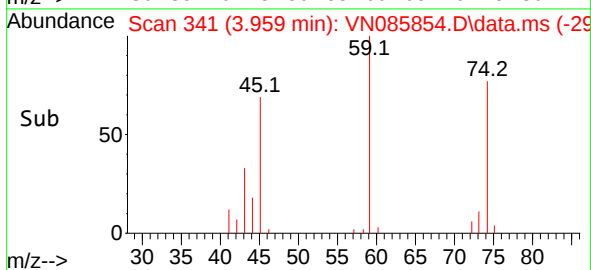
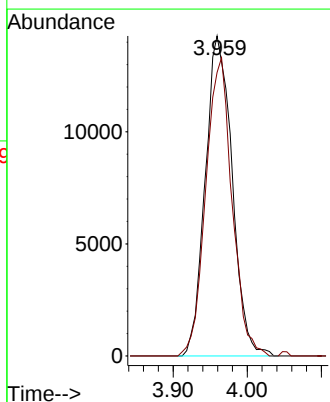
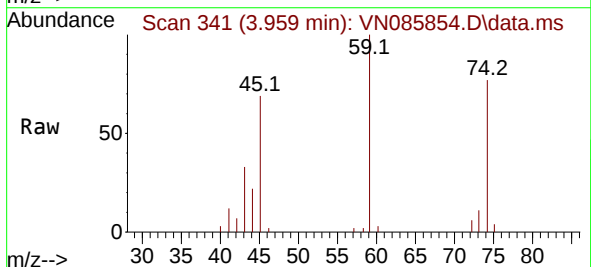
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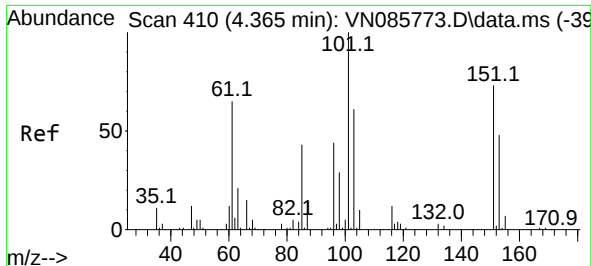
Reviewed By :John Carlone 02/26/2025
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#8
 Diethyl Ether
 Concen: 20.199 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN085854.D
 Acq: 25 Feb 2025 14:00

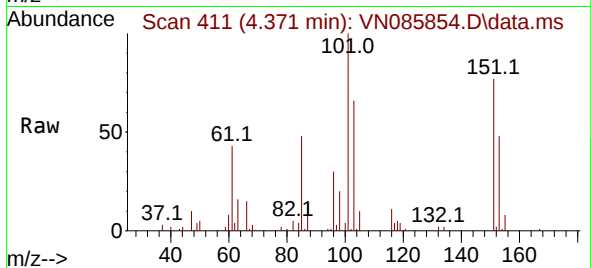
Tgt Ion: 74 Resp: 35930
 Ion Ratio Lower Upper
 74 100
 45 91.1 42.5 127.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.085 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

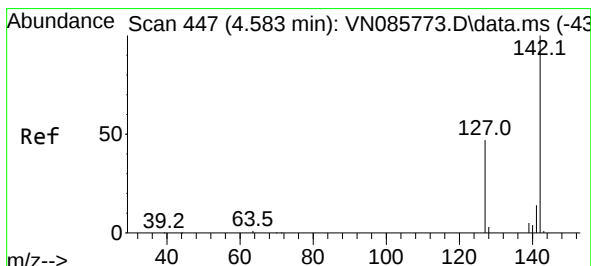
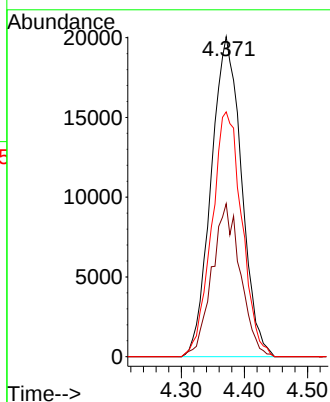
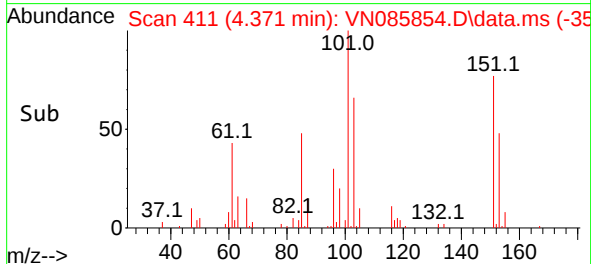
Instrument :
MSVOA_N
ClientSampleId :
VN0225MBS01



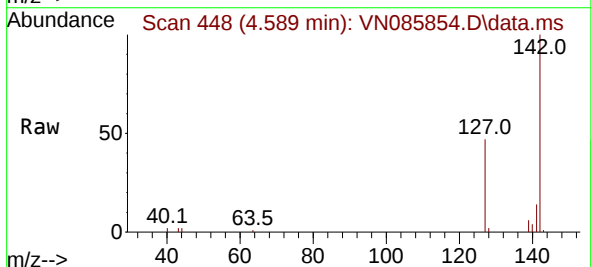
Tgt Ion:101 Resp: 6700
Ion Ratio Lower Upper
101 100
85 44.9 35.7 53.5
151 76.1 61.4 92.2

Manual Integrations
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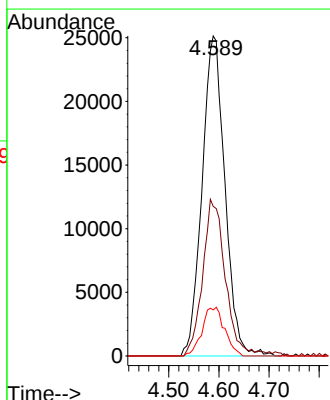
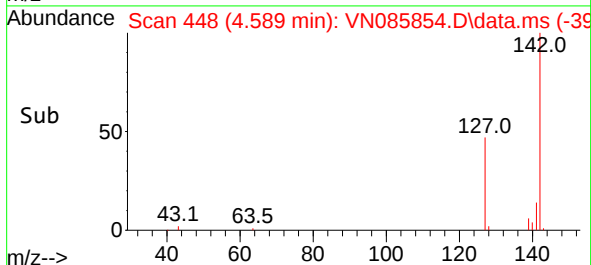
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

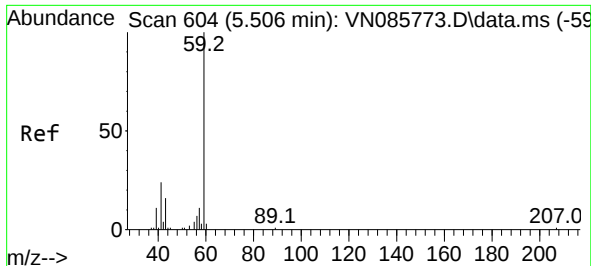


#10
Methyl Iodide
Concen: 20.313 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00



Tgt Ion:142 Resp: 79569
Ion Ratio Lower Upper
142 100
127 46.7 37.6 56.4
141 14.4 11.4 17.2





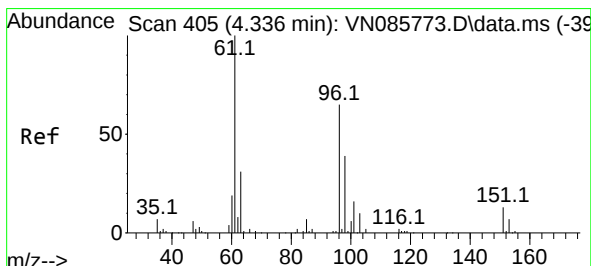
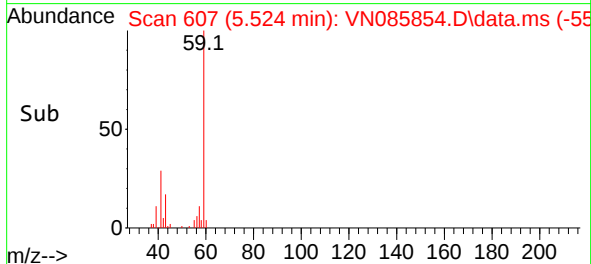
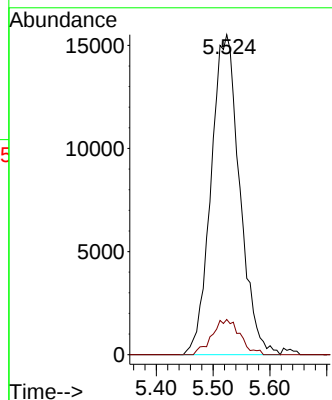
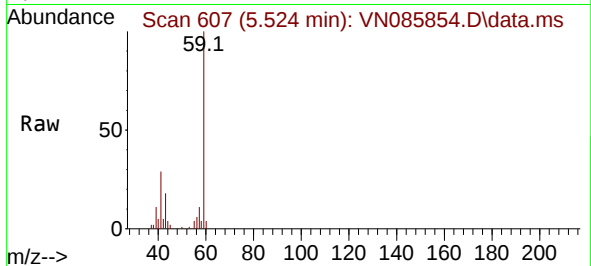
#11
Tert butyl alcohol
Concen: 129.516 ug/l
RT: 5.524 min Scan# 604
Delta R.T. 0.018 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0225MBS01

Tgt Ion: 59 Resp: 5426
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

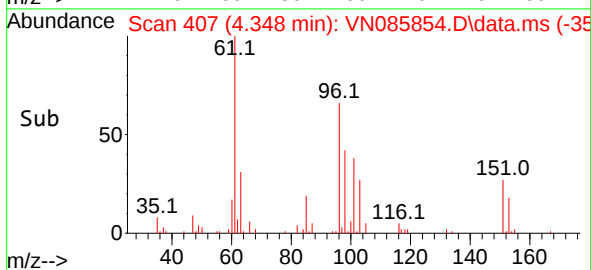
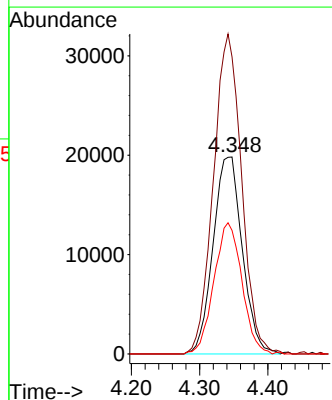
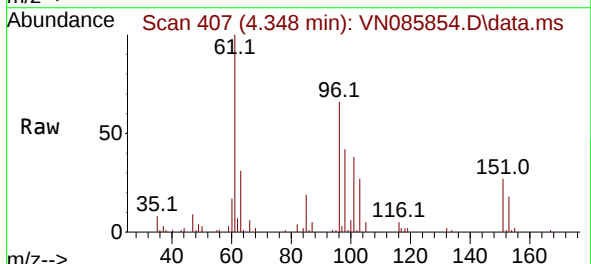
Manual Integrations
APPROVED

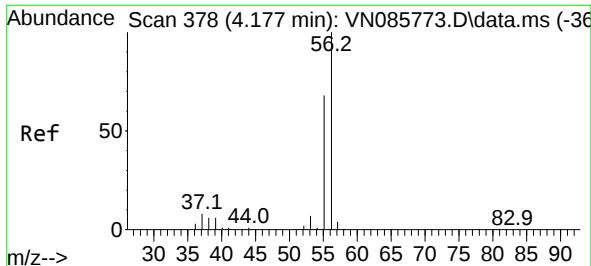
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#12
1,1-Dichloroethene
Concen: 20.513 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

Tgt Ion: 96 Resp: 59105
Ion Ratio Lower Upper
96 100
61 150.8 123.3 184.9
98 62.7 48.6 72.8





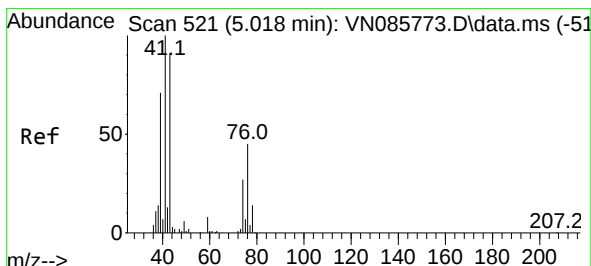
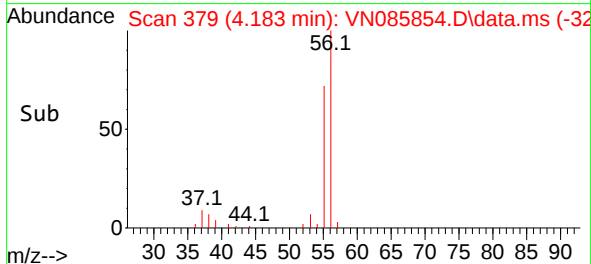
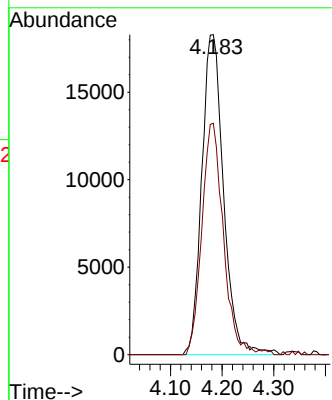
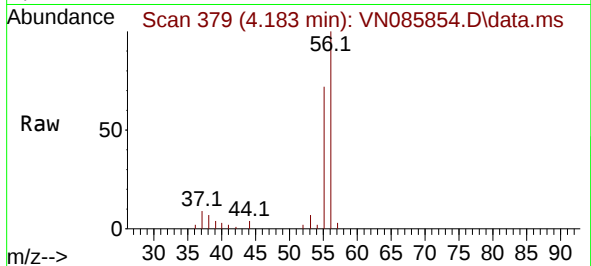
#13
Acrolein
Concen: 86.278 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0225MBS01

Tgt Ion: 56 Resp: 53604
Ion Ratio Lower Upper
56 100
55 70.7 55.3 82.9

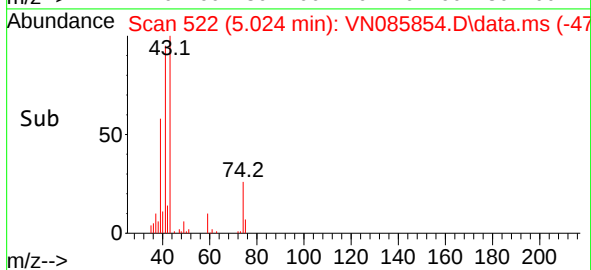
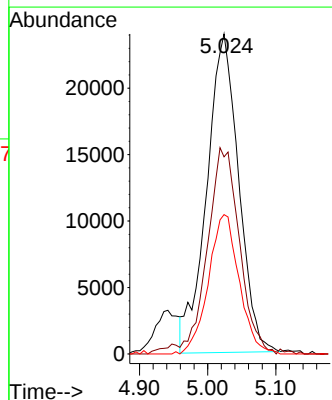
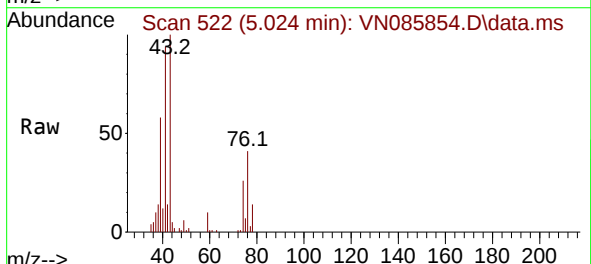
Manual Integrations
APPROVED

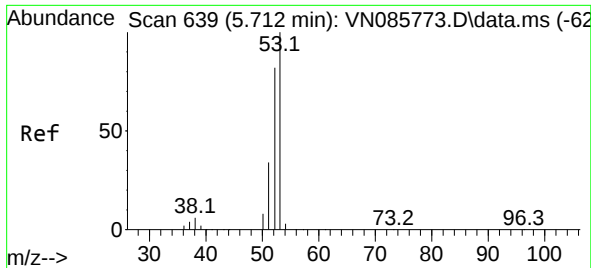
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#14
Allyl chloride
Concen: 20.638 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

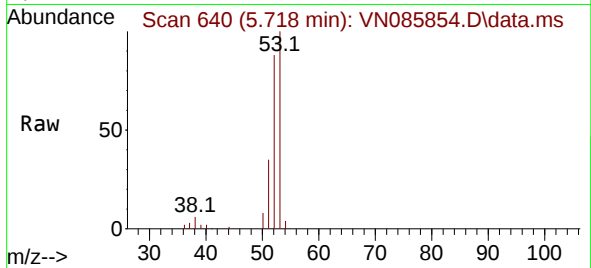
Tgt Ion: 41 Resp: 78072
Ion Ratio Lower Upper
41 100
39 66.0 57.4 86.2
76 42.2 36.2 54.2





#15
Acrylonitrile
Concen: 122.406 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

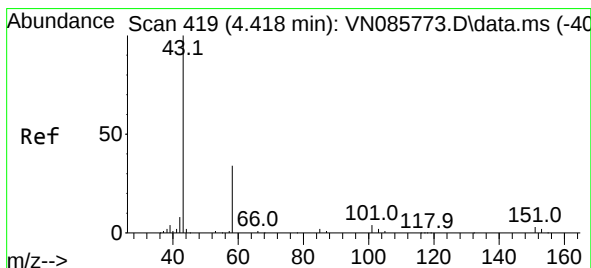
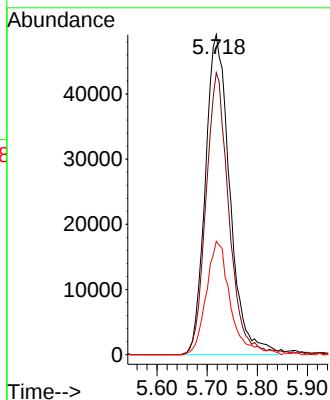
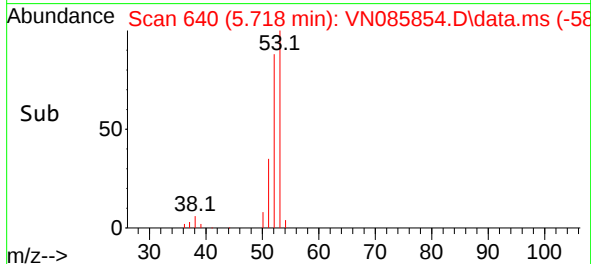
Instrument :
MSVOA_N
ClientSampleId :
VN0225MBS01



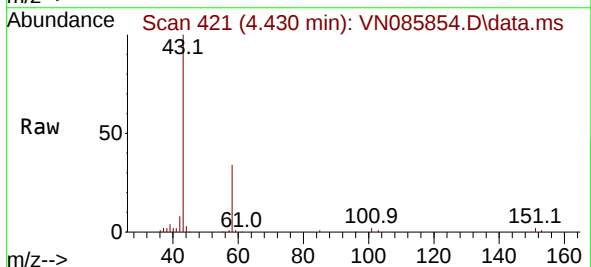
Tgt Ion: 53 Resp: 166718
Ion Ratio Lower Upper
53 100
52 83.2 65.8 98.6
51 35.0 28.6 42.8

Manual Integrations
APPROVED

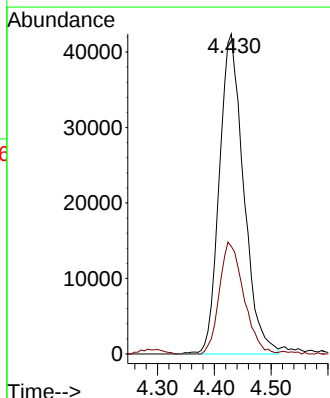
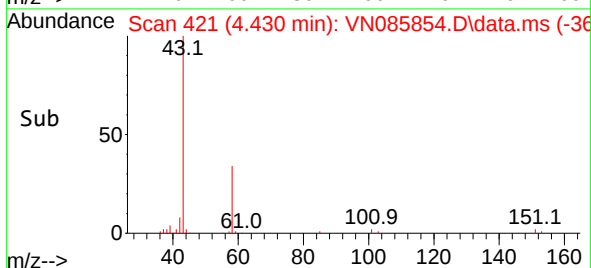
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

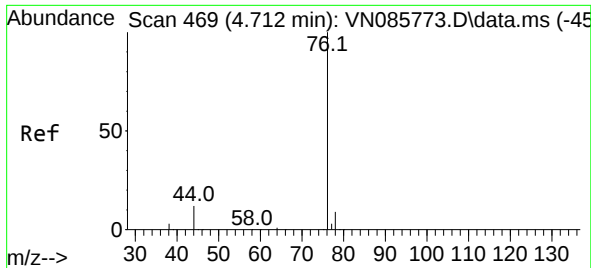


#16
Acetone
Concen: 116.738 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00



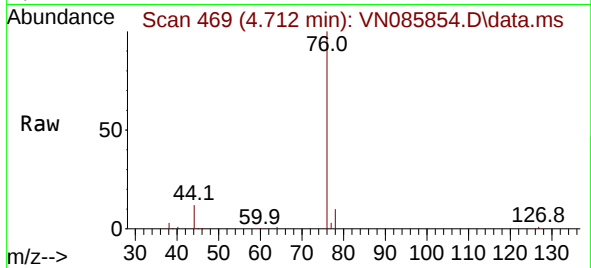
Tgt Ion: 43 Resp: 125825
Ion Ratio Lower Upper
43 100
58 33.6 27.5 41.3





#17
Carbon Disulfide
Concen: 18.890 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

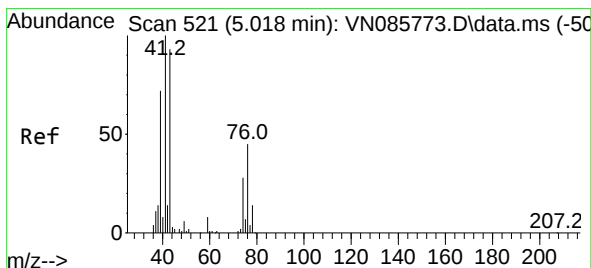
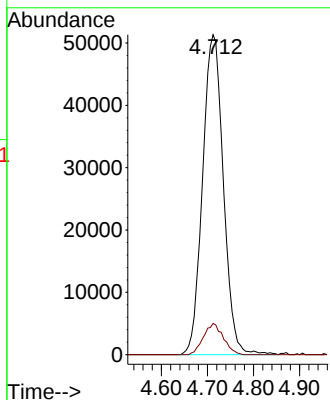
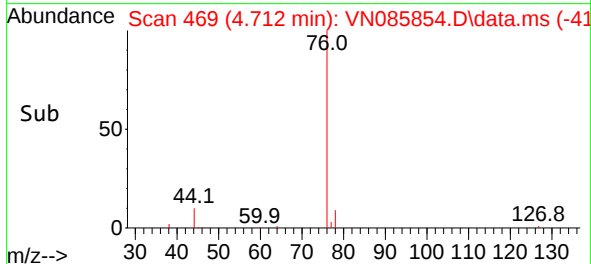
Instrument :
MSVOA_N
ClientSampleId :
VN0225MBS01



Tgt Ion: 76 Resp: 16131
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0

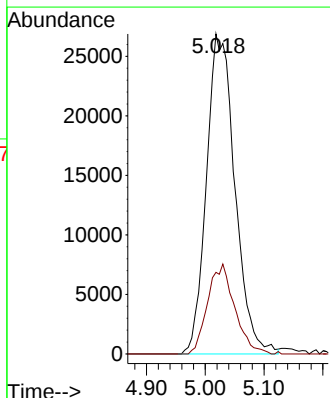
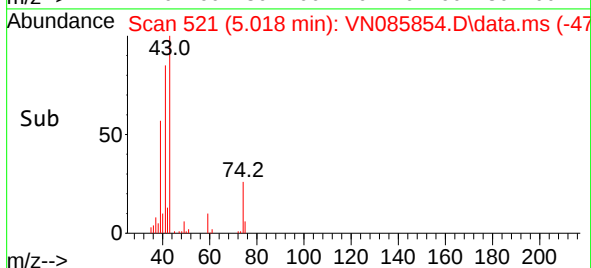
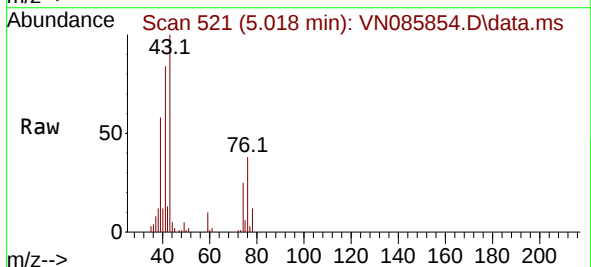
Manual Integrations
APPROVED

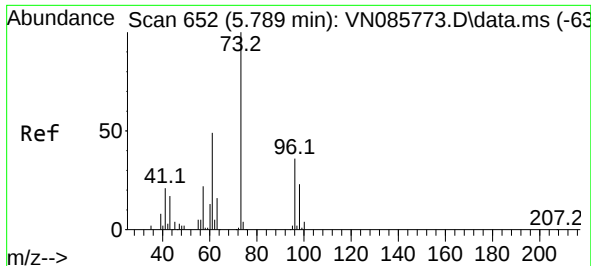
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#18
Methyl Acetate
Concen: 24.379 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

Tgt Ion: 43 Resp: 90379
Ion Ratio Lower Upper
43 100
74 26.7 22.2 33.4





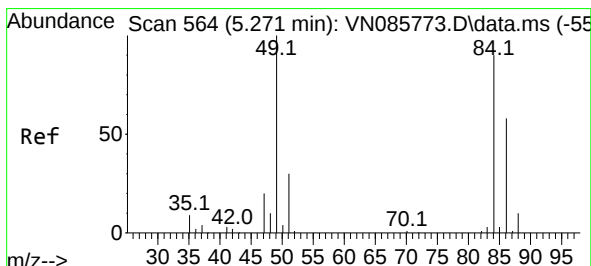
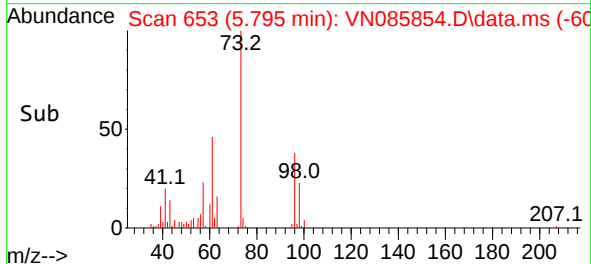
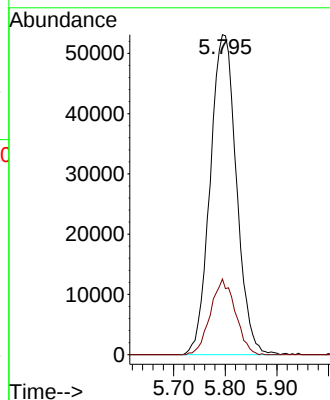
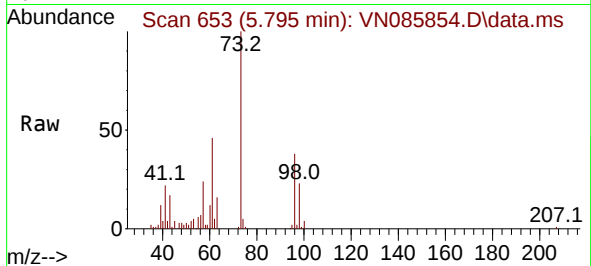
#19
Methyl tert-butyl Ether
Concen: 21.912 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0225MBS01

Tgt Ion: 73 Resp: 18761
Ion Ratio Lower Upper
73 100
57 23.6 17.6 26.4

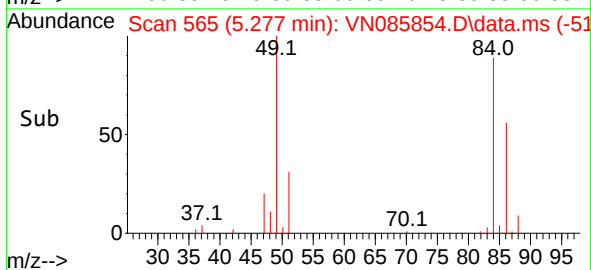
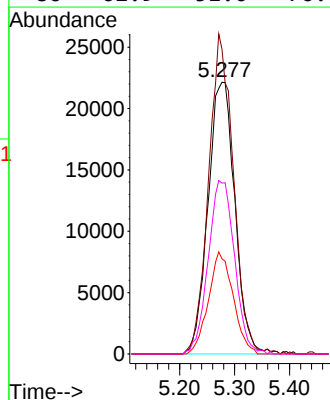
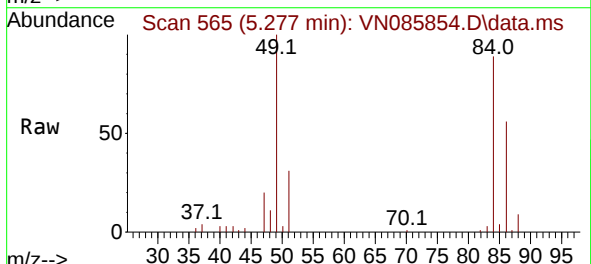
Manual Integrations
APPROVED

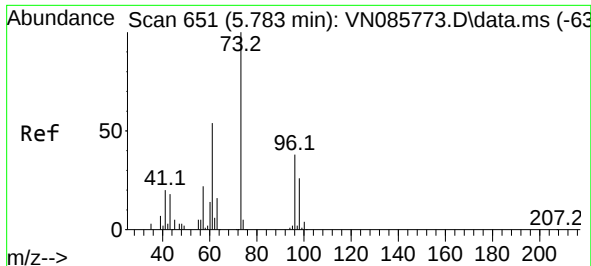
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#20
Methylene Chloride
Concen: 21.700 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

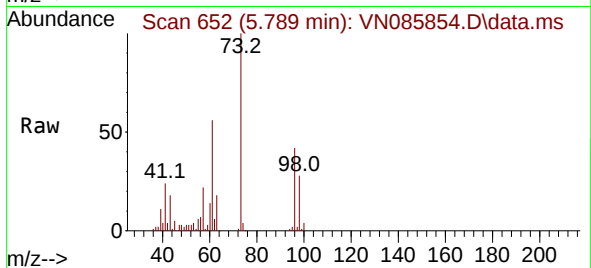
Tgt Ion: 84 Resp: 75216
Ion Ratio Lower Upper
84 100
49 112.3 88.4 132.6
51 35.1 26.6 40.0
86 62.9 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 20.778 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

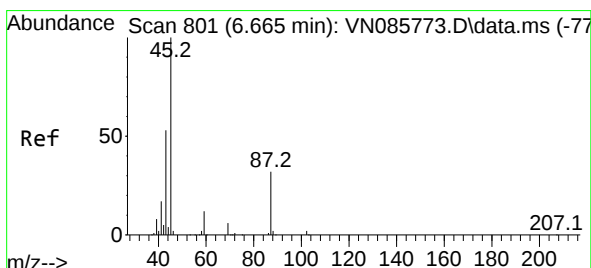
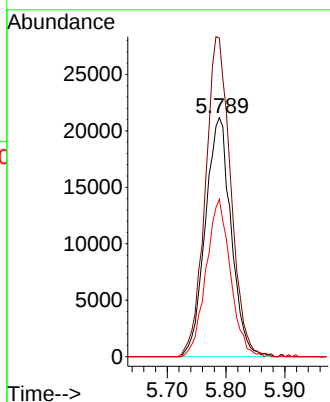
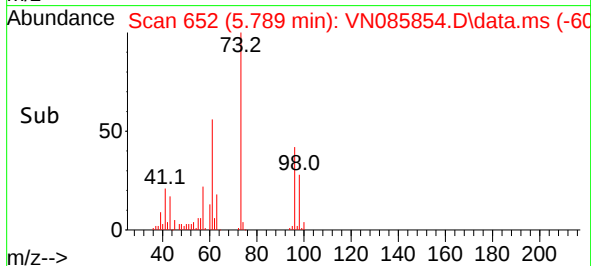
Instrument :
MSVOA_N
ClientSampleId :
VN0225MBS01



Tgt Ion: 96 Resp: 6446
Ion Ratio Lower Upper
96 100
61 133.3 112.6 168.8
98 65.8 53.3 79.9

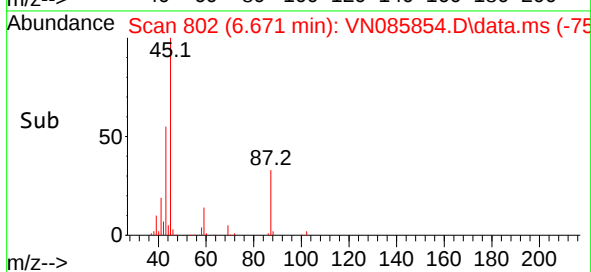
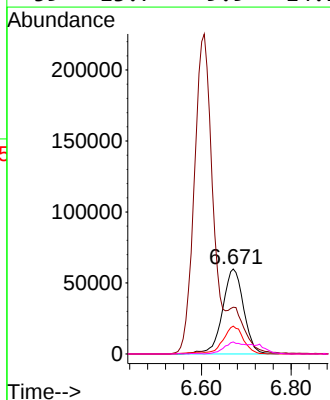
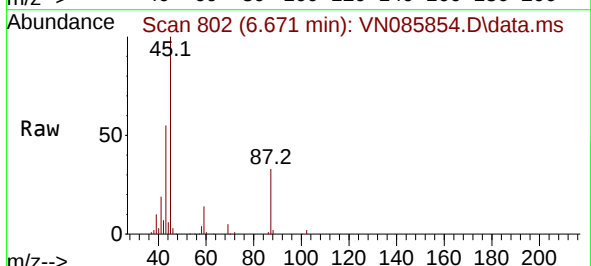
Manual Integrations
APPROVED

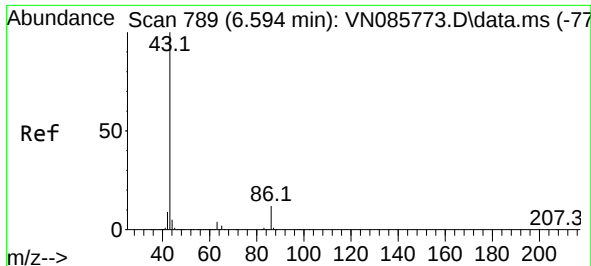
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#22
Diisopropyl ether
Concen: 22.914 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

Tgt Ion: 45 Resp: 195869
Ion Ratio Lower Upper
45 100
43 53.5 42.6 64.0
87 32.8 25.8 38.8
59 13.7 9.9 14.9





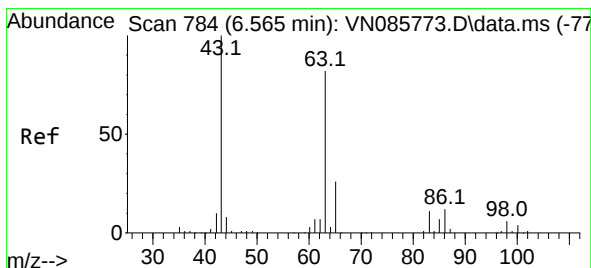
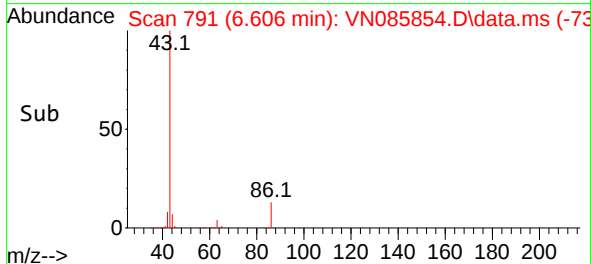
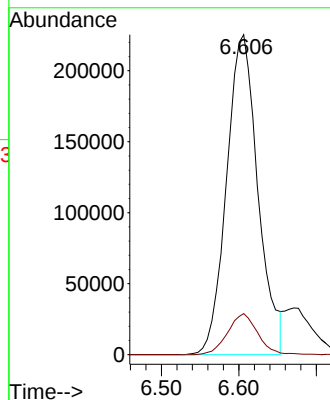
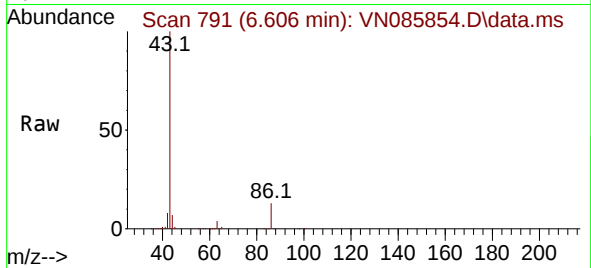
#23
 Vinyl Acetate
 Concen: 108.756 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.012 min
 Lab File: VN085854.D
 Acq: 25 Feb 2025 14:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225MBS01

Tgt Ion: 43 Resp: 63653
 Ion Ratio Lower Upper
 43 100
 86 12.8 9.8 14.8

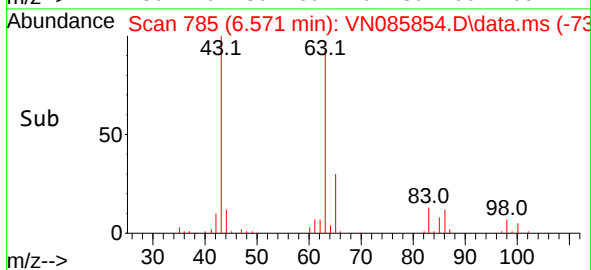
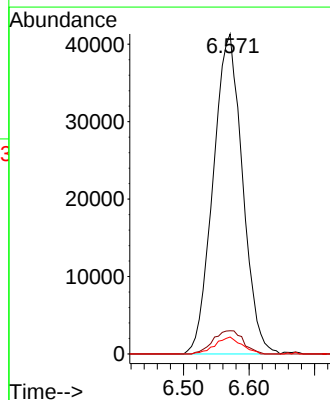
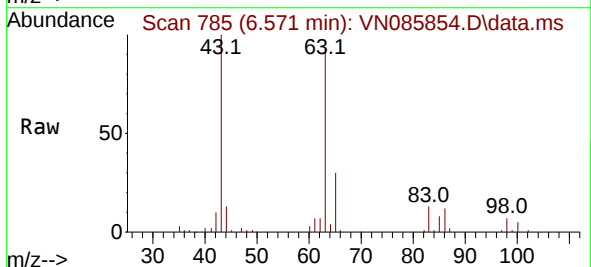
Manual Integrations
 APPROVED

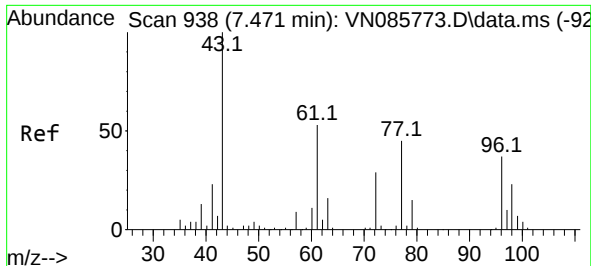
Reviewed By :John Carlone 02/26/2025
 Supervised By :Mahesh Dadoda 02/26/2025



#24
 1,1-Dichloroethane
 Concen: 22.071 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN085854.D
 Acq: 25 Feb 2025 14:00

Tgt Ion: 63 Resp: 128249
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 5.3 2.4 7.2





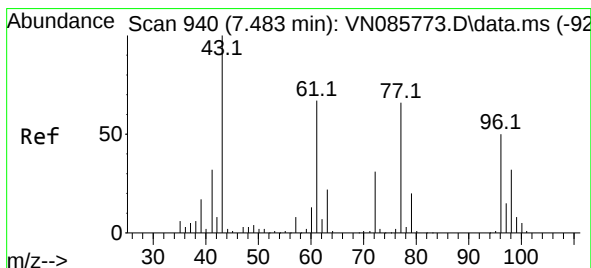
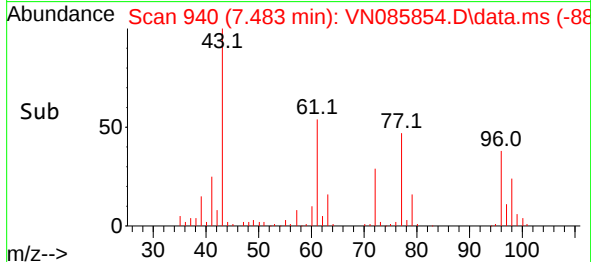
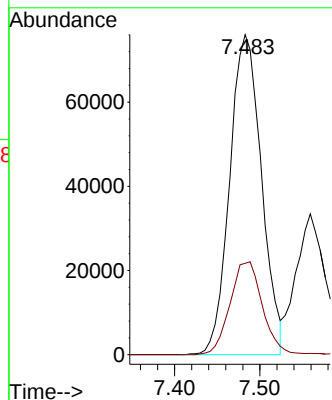
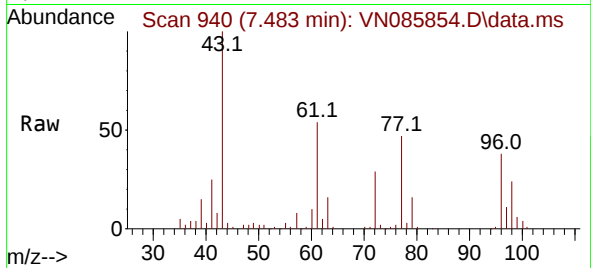
#25
2-Butanone
Concen: 124.257 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0225MBS01

Tgt Ion: 43 Resp: 197034
Ion Ratio Lower Upper
43 100
72 28.6 23.6 35.4

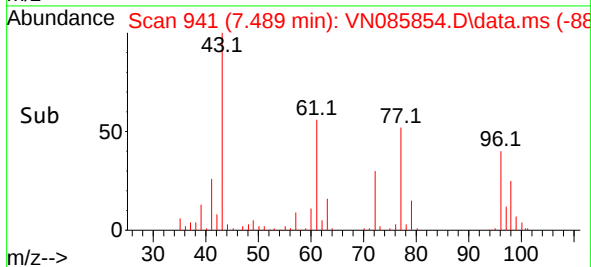
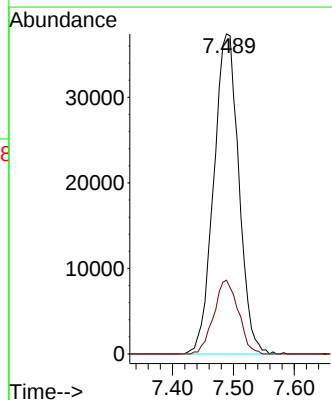
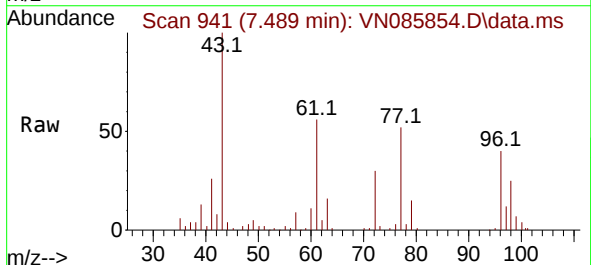
Manual Integrations
APPROVED

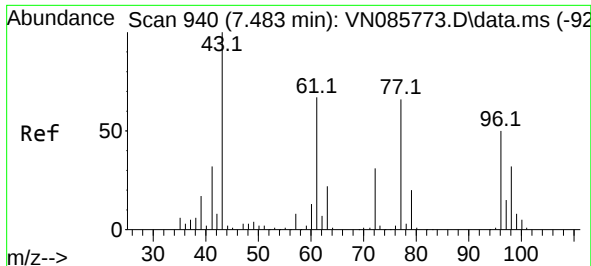
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#26
2,2-Dichloropropane
Concen: 20.693 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

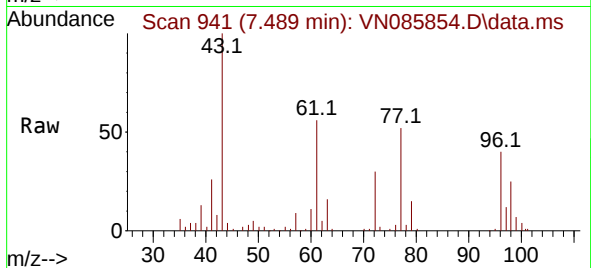
Tgt Ion: 77 Resp: 106923
Ion Ratio Lower Upper
77 100
97 22.6 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 21.127 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085854.D
 Acq: 25 Feb 2025 14:00

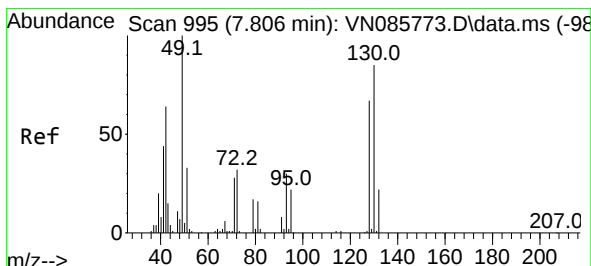
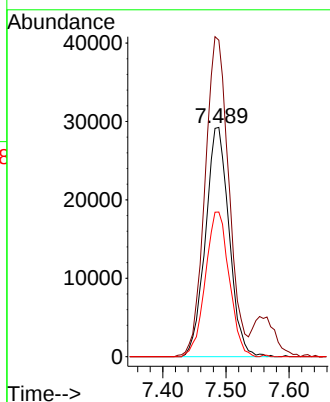
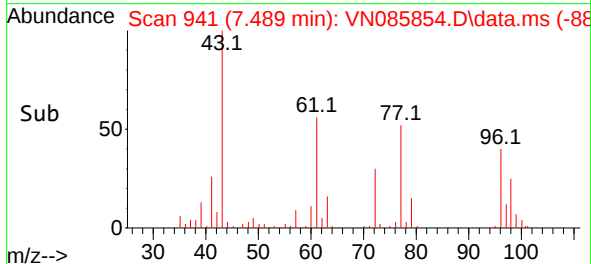
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225MBS01



Tgt Ion: 96 Resp: 7600
 Ion Ratio Lower Upper
 96 100
 61 140.9 0.0 280.6
 98 63.7 0.0 128.6

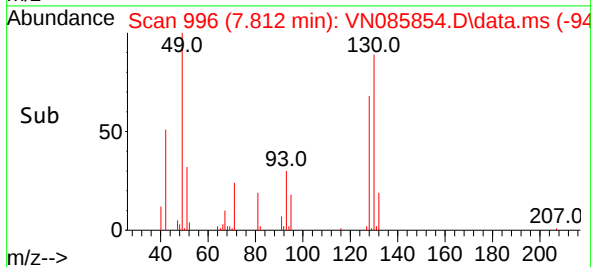
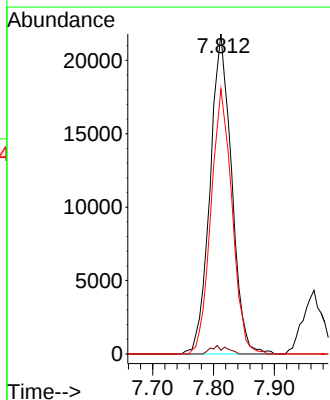
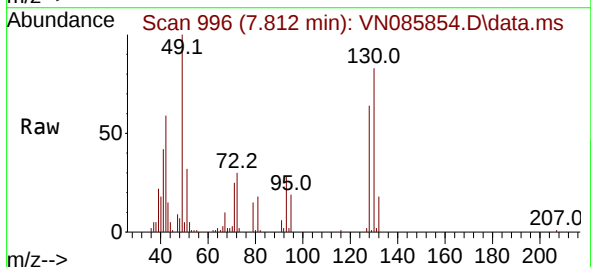
Manual Integrations
 APPROVED

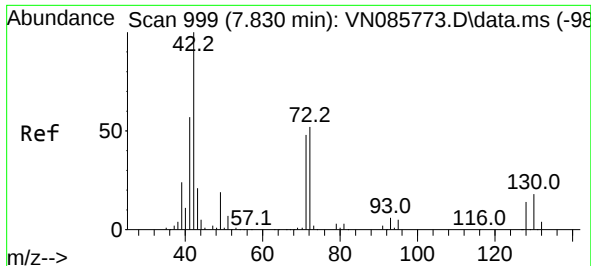
Reviewed By :John Carlone 02/26/2025
 Supervised By :Mahesh Dadoda 02/26/2025



#28
 Bromochloromethane
 Concen: 22.485 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085854.D
 Acq: 25 Feb 2025 14:00

Tgt Ion: 49 Resp: 53702
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 80.7 68.0 102.0





#29

Tetrahydrofuran

Concen: 131.433 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.012 min

Lab File: VN085854.D

Acq: 25 Feb 2025 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN0225MBS01

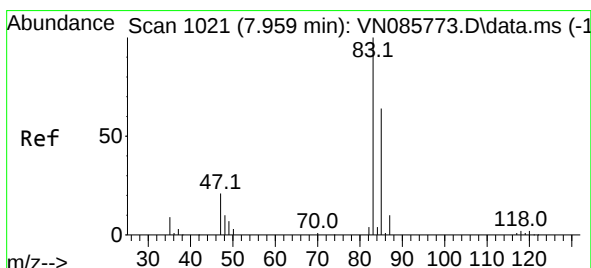
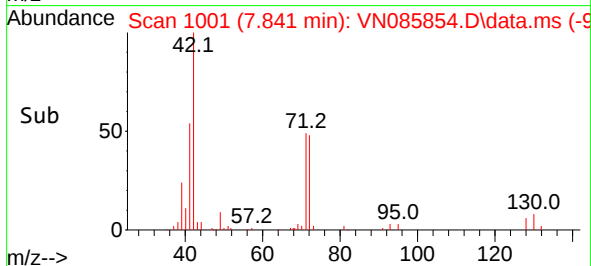
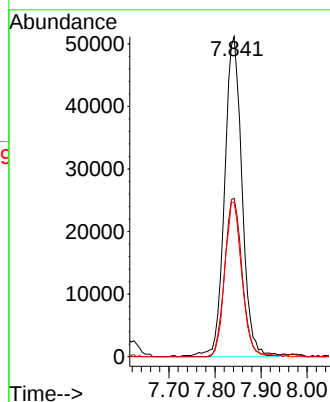
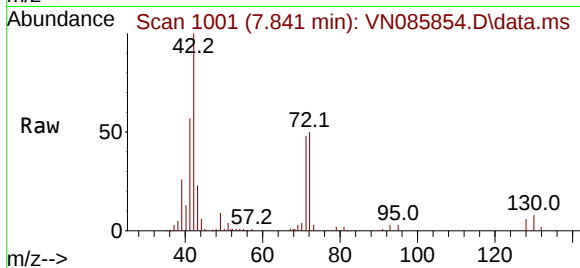
Tgt Ion: 42 Resp: 134582
 Ion Ratio Lower Upper
 42 100
 72 49.2 40.0 60.0
 71 46.8 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#30

Chloroform

Concen: 21.802 ug/l

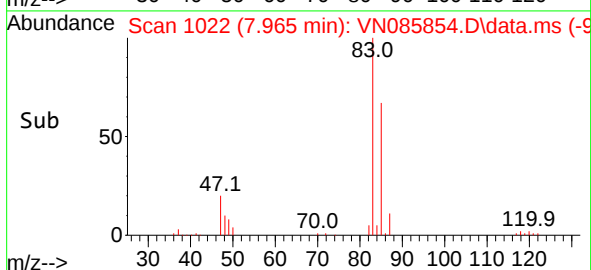
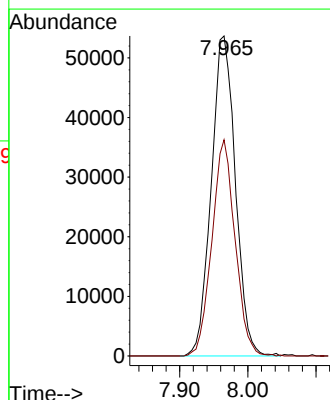
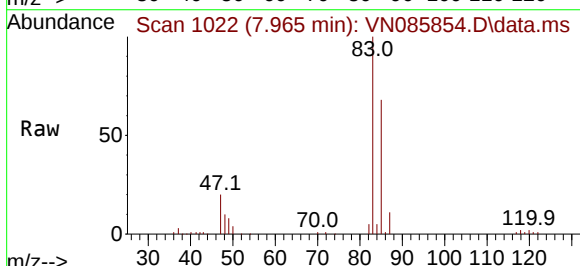
RT: 7.965 min Scan# 1022

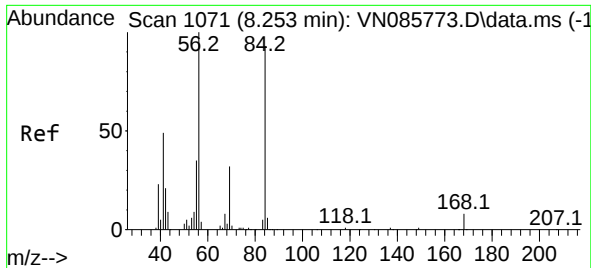
Delta R.T. 0.006 min

Lab File: VN085854.D

Acq: 25 Feb 2025 14:00

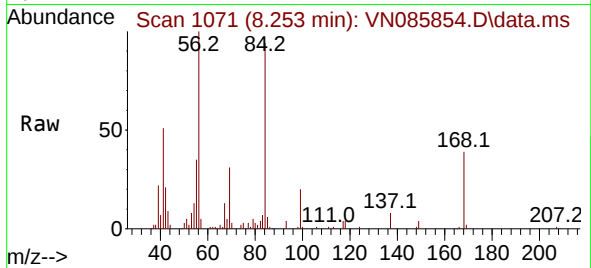
Tgt Ion: 83 Resp: 132392
 Ion Ratio Lower Upper
 83 100
 85 67.5 50.9 76.3





#31
Cyclohexane
Concen: 19.099 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

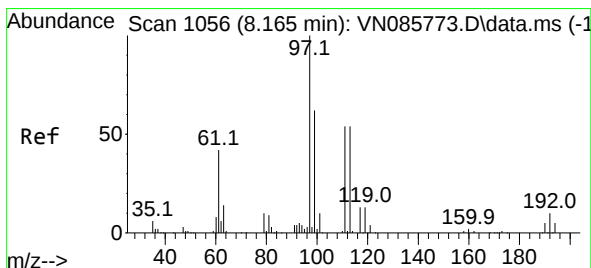
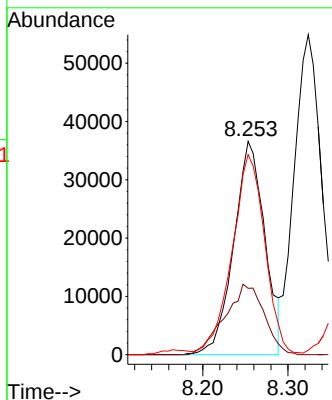
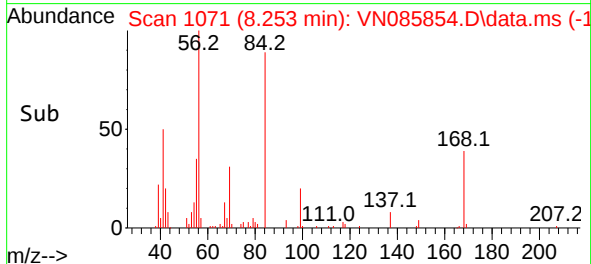
Instrument :
MSVOA_N
ClientSampleId :
VN0225MBS01



Tgt Ion: 56 Resp: 9292
Ion Ratio Lower Upper
56 100
69 31.1 25.8 38.6
84 91.8 74.5 111.7

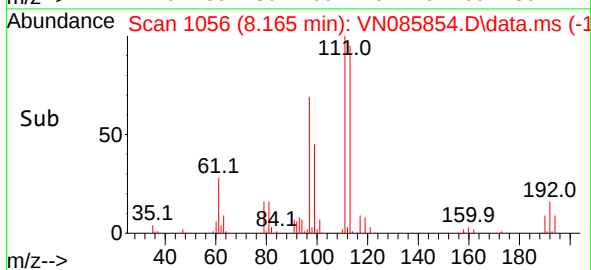
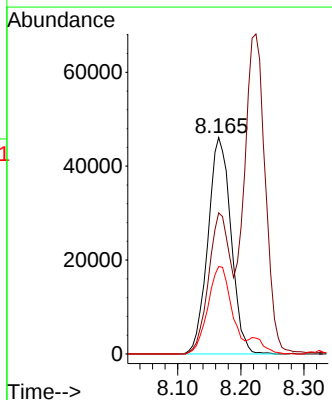
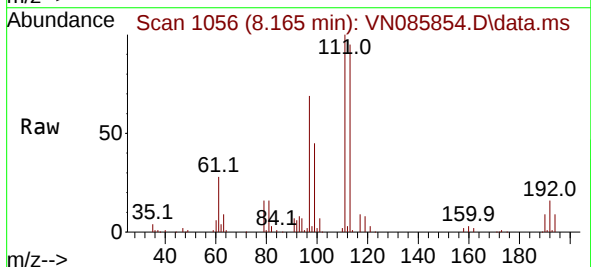
Manual Integrations
APPROVED

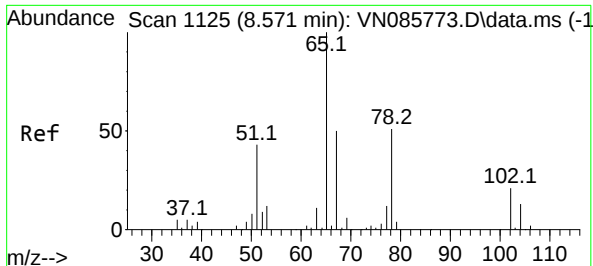
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#32
1,1,1-Trichloroethane
Concen: 21.645 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

Tgt Ion: 97 Resp: 116911
Ion Ratio Lower Upper
97 100
99 60.9 50.4 75.6
61 41.5 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 51.343 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085854.D

Acq: 25 Feb 2025 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN0225MBS01

Tgt Ion: 65 Resp: 17489

Ion Ratio Lower Upper

65 100

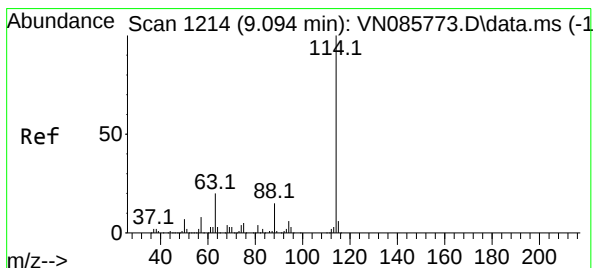
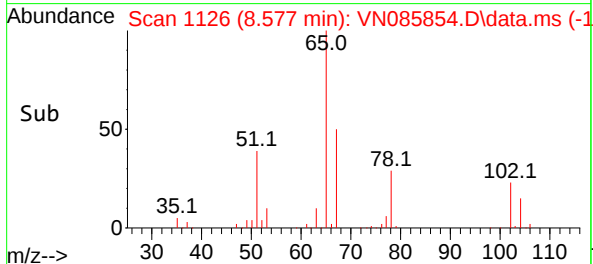
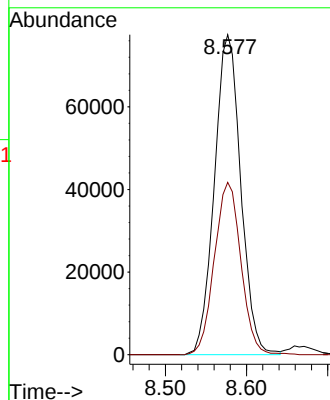
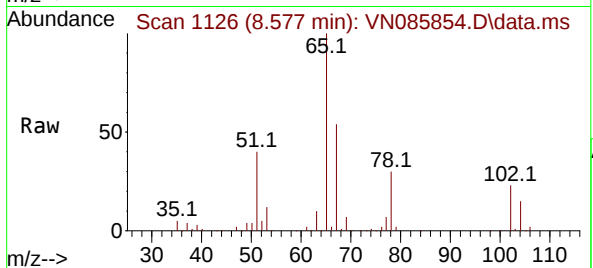
67 54.2 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085854.D

Acq: 25 Feb 2025 14:00

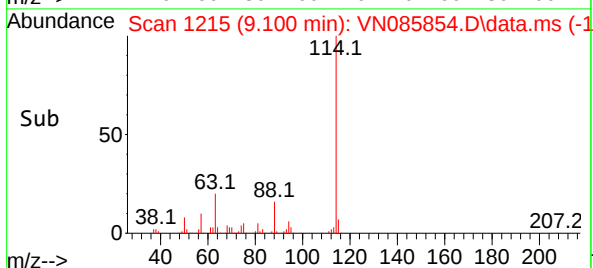
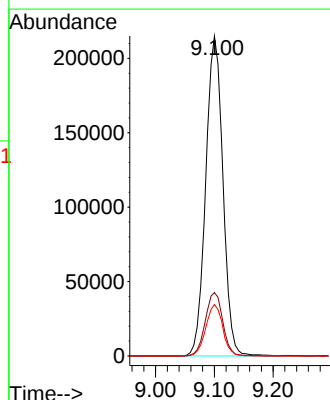
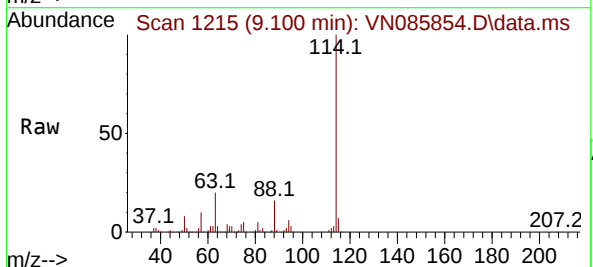
Tgt Ion:114 Resp: 436749

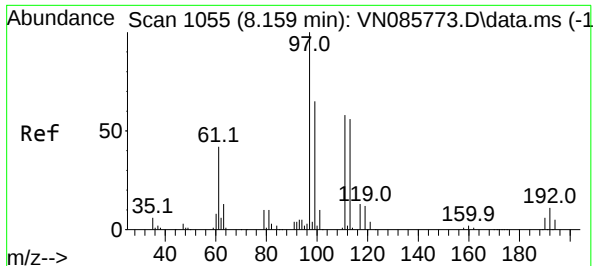
Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.2

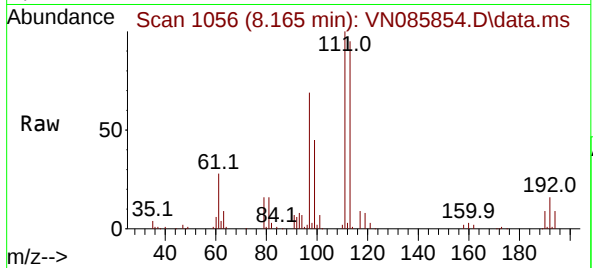
88 16.0 0.0 30.0





#35
Dibromofluoromethane
Concen: 52.455 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

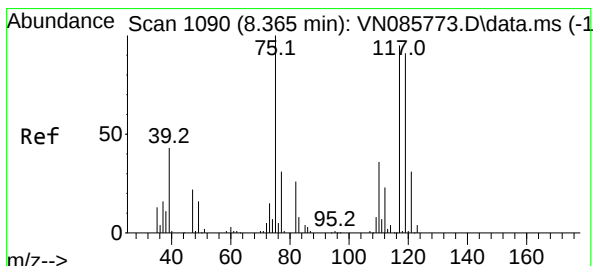
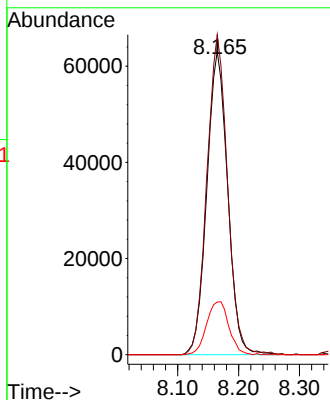
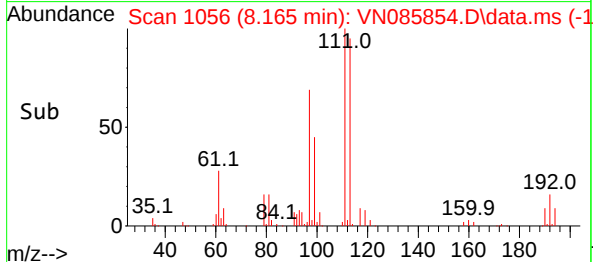
Instrument :
MSVOA_N
ClientSampleId :
VN0225MBS01



Tgt Ion: 113 Resp: 14991
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.4
192 18.6 14.7 22.1

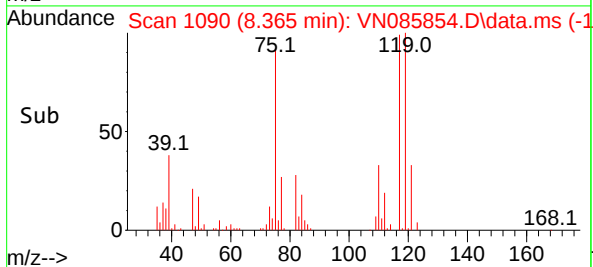
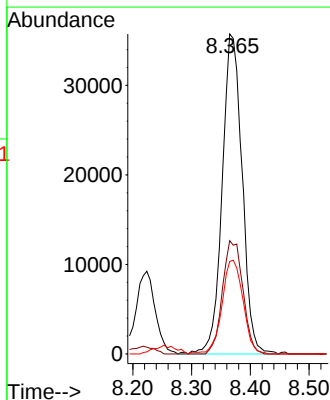
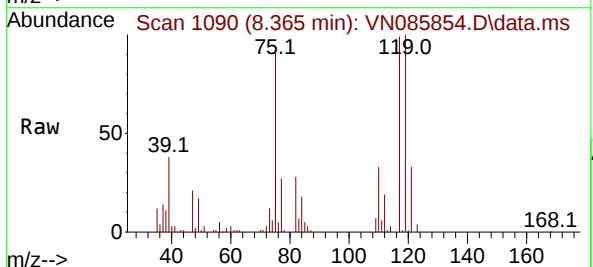
Manual Integrations
APPROVED

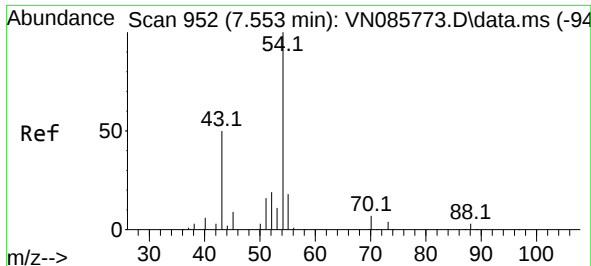
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#36
1,1-Dichloropropene
Concen: 20.833 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

Tgt Ion: 75 Resp: 84263
Ion Ratio Lower Upper
75 100
110 36.2 17.3 52.0
77 31.0 24.6 37.0





#37

Ethyl Acetate

Concen: 25.214 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN085854.D

Acq: 25 Feb 2025 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN0225MBS01

Tgt Ion: 43 Resp: 8392

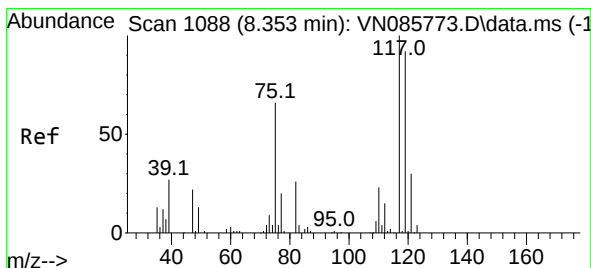
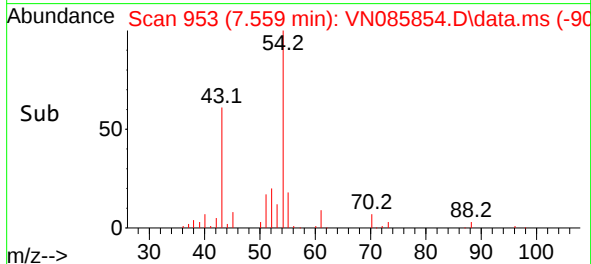
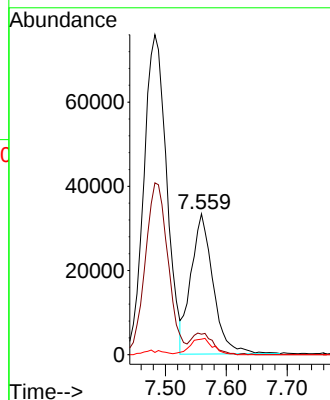
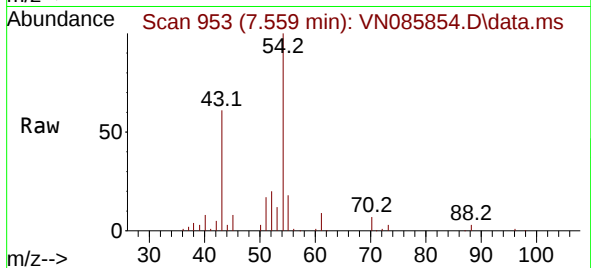
Ion	Ratio	Lower	Upper
43	100		
61	14.9	12.2	18.2
70	12.1	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#38

Carbon Tetrachloride

Concen: 21.512 ug/l

RT: 8.359 min Scan# 1089

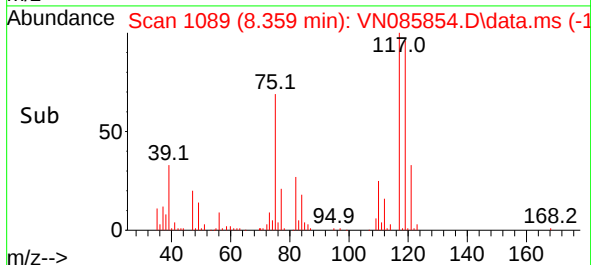
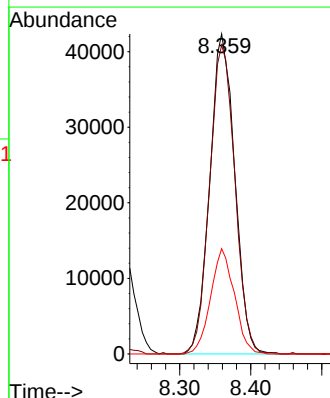
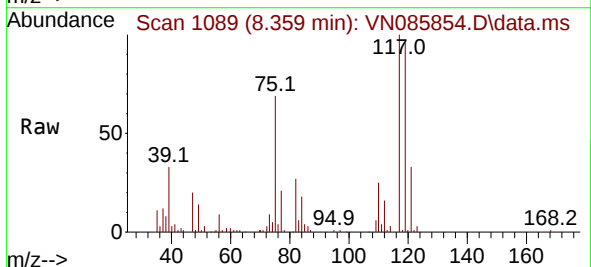
Delta R.T. 0.006 min

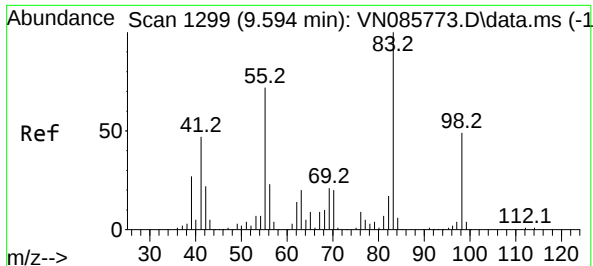
Lab File: VN085854.D

Acq: 25 Feb 2025 14:00

Tgt Ion:117 Resp: 103383

Ion	Ratio	Lower	Upper
117	100		
119	96.5	73.8	110.6
121	32.9	24.3	36.5





#39

Methylcyclohexane

Concen: 19.004 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085854.D

Acq: 25 Feb 2025 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN0225MBS01

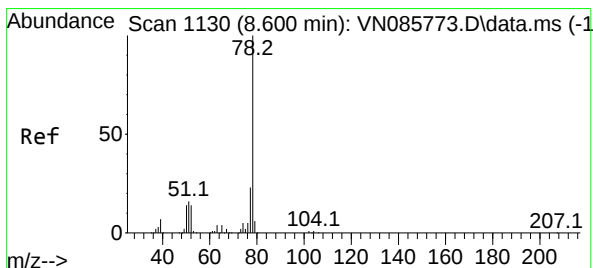
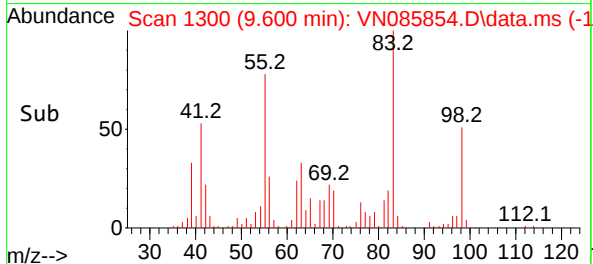
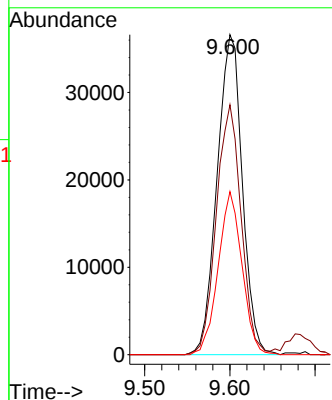
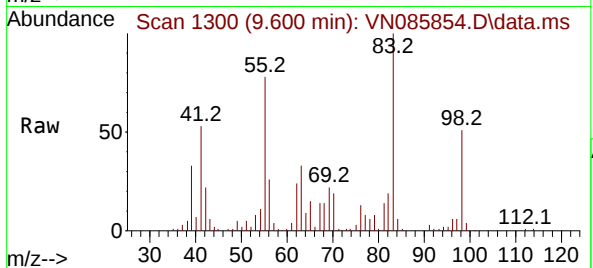
Tgt Ion: 83	Resp: 7551
Ion Ratio	Lower Upper
83	100
55	78.1 57.5 86.3
98	51.0 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#40

Benzene

Concen: 21.713 ug/l

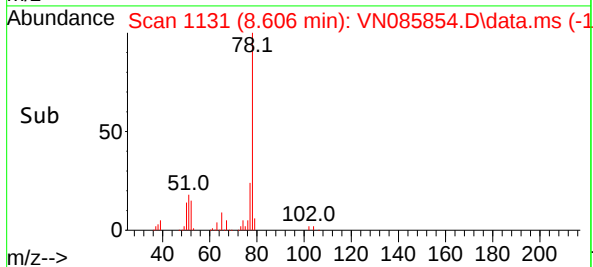
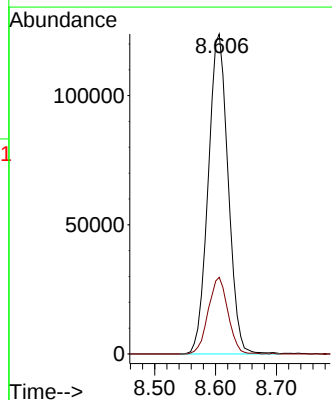
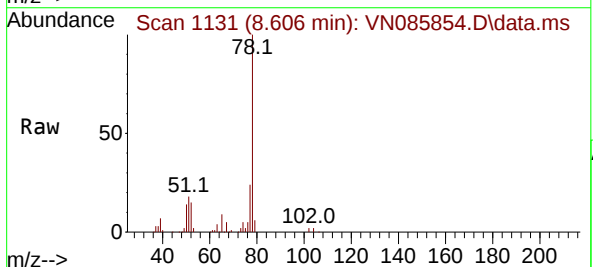
RT: 8.606 min Scan# 1131

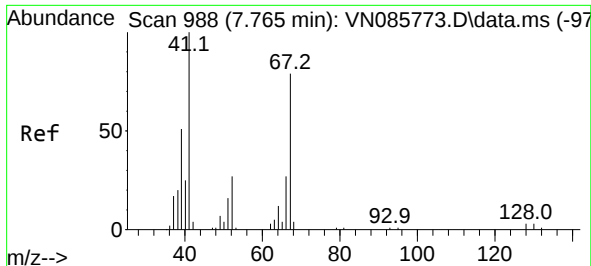
Delta R.T. 0.006 min

Lab File: VN085854.D

Acq: 25 Feb 2025 14:00

Tgt Ion: 78	Resp: 281478
Ion Ratio	Lower Upper
78	100
77	24.0 18.3 27.5





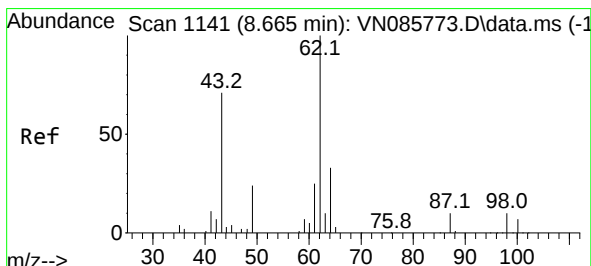
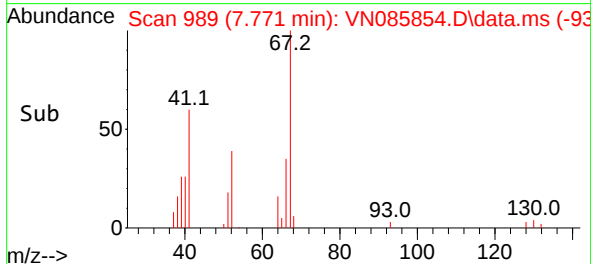
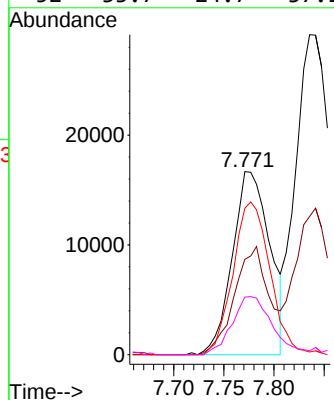
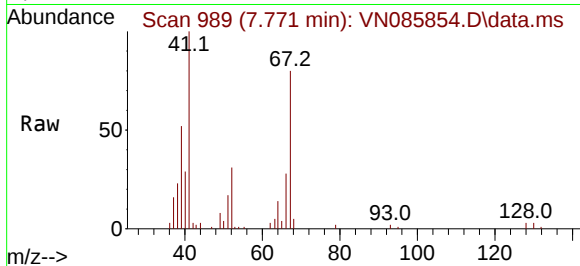
#41
Methacrylonitrile
Concen: 24.400 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0225MBS01

Tgt Ion: 41 Resp: 43410
Ion Ratio Lower Upper
41 100
39 54.5 42.0 63.0
67 82.5 64.2 96.4
52 33.7 24.7 37.1

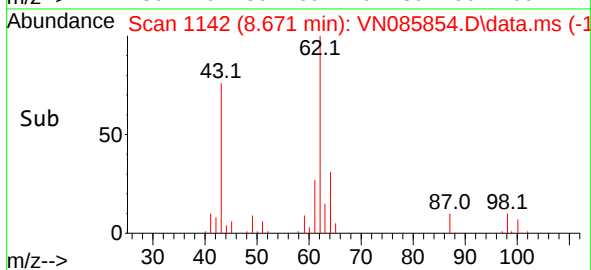
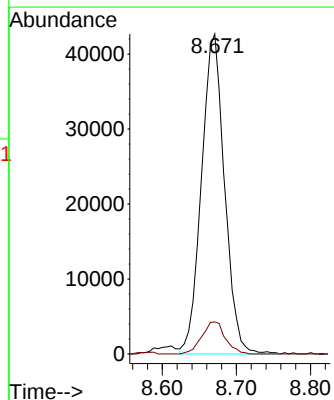
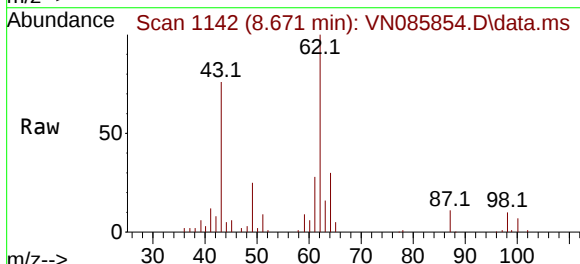
Manual Integrations
APPROVED

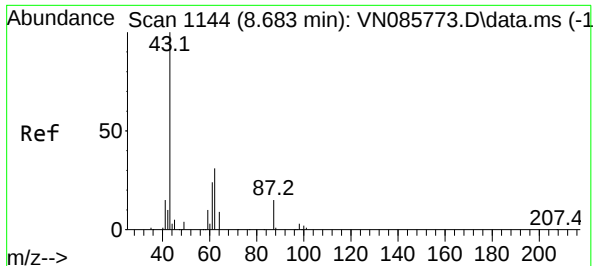
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#42
1,2-Dichloroethane
Concen: 21.854 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

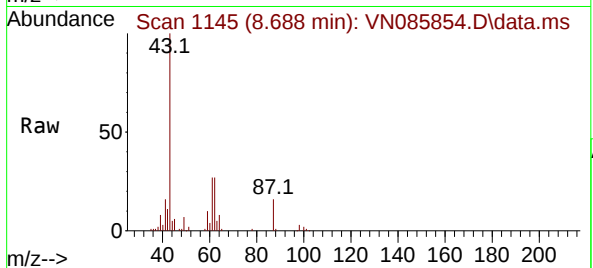
Tgt Ion: 62 Resp: 92280
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.6





#43
Isopropyl Acetate
Concen: 23.361 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

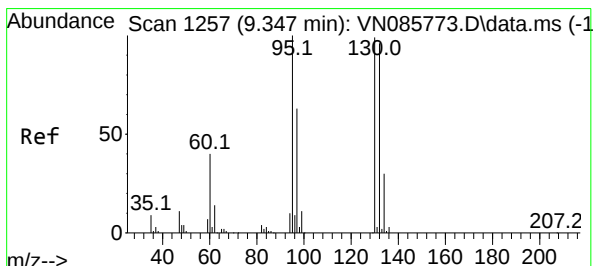
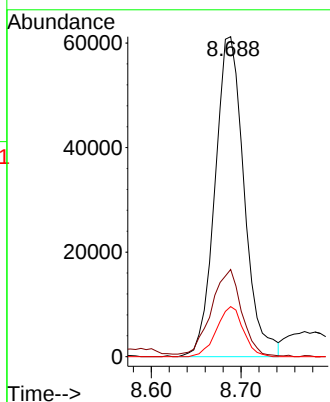
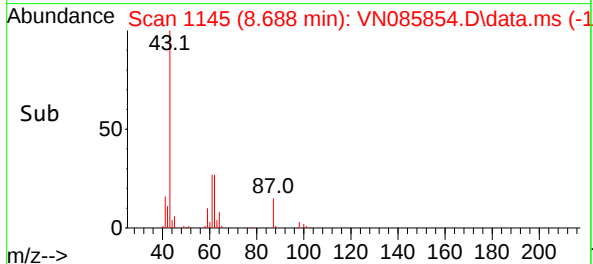
Instrument :
MSVOA_N
ClientSampleId :
VN0225MBS01



Tgt Ion: 43 Resp: 138164
Ion Ratio Lower Upper
43 100
61 28.6 22.6 34.0
87 14.3 11.8 17.8

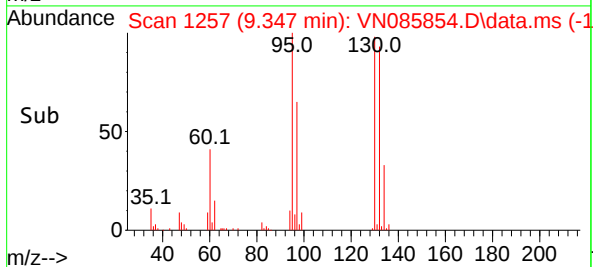
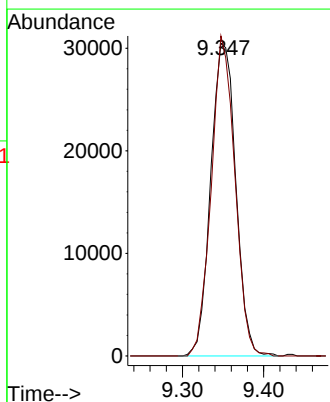
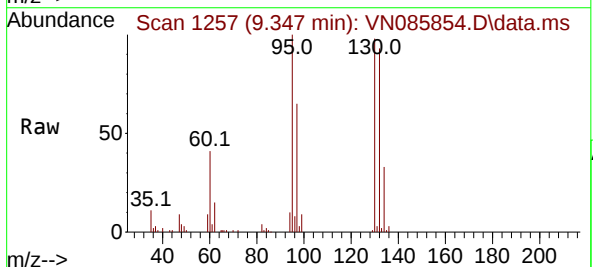
Manual Integrations
APPROVED

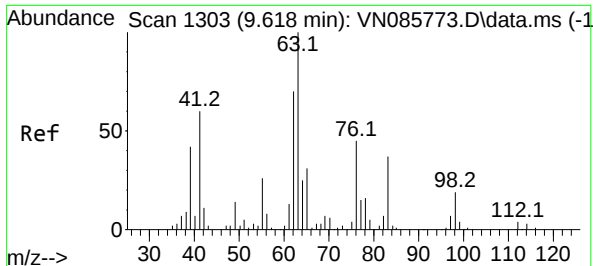
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#44
Trichloroethene
Concen: 20.553 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

Tgt Ion:130 Resp: 65418
Ion Ratio Lower Upper
130 100
95 102.4 0.0 202.6





#45

1,2-Dichloropropane

Concen: 22.331 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN085854.D

Acq: 25 Feb 2025 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN0225MBS01

Tgt Ion: 63 Resp: 6987

Ion Ratio Lower Upper

63 100

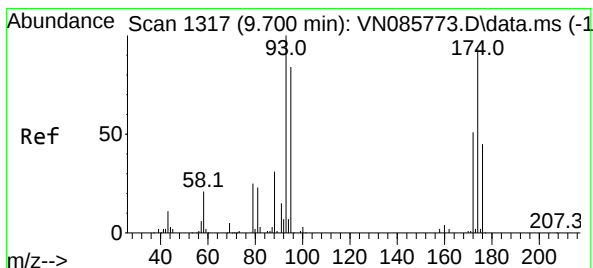
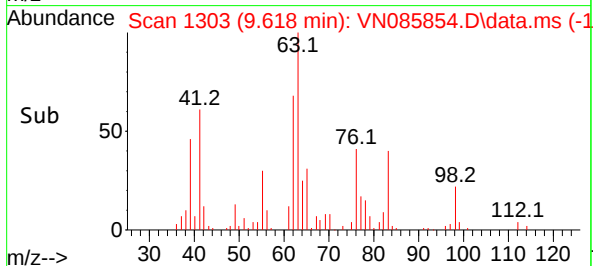
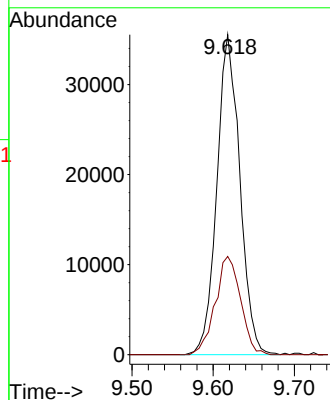
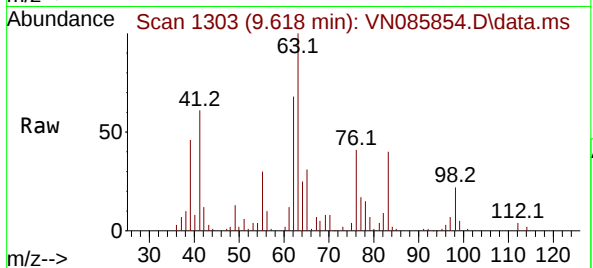
65 30.7 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#46

Dibromomethane

Concen: 22.082 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085854.D

Acq: 25 Feb 2025 14:00

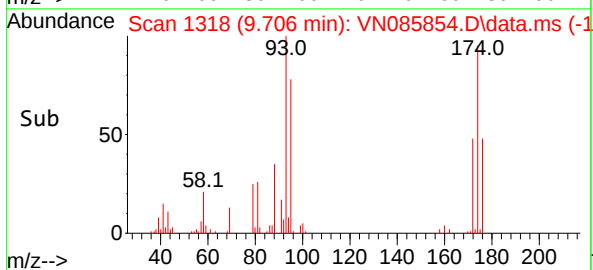
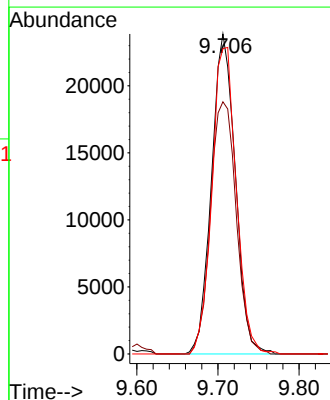
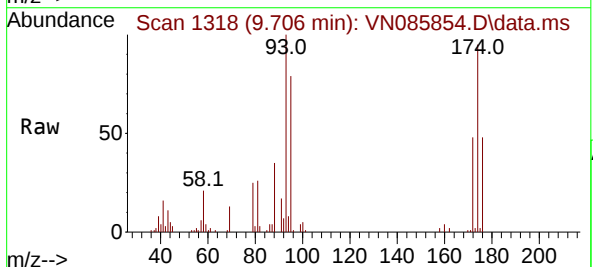
Tgt Ion: 93 Resp: 48738

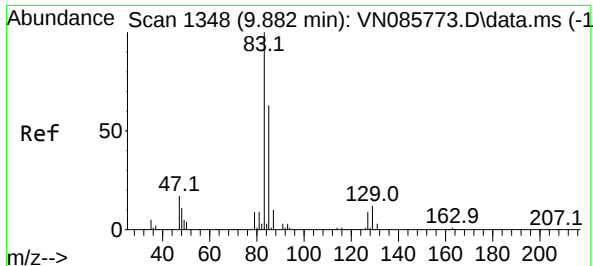
Ion Ratio Lower Upper

93 100

95 85.3 66.7 100.1

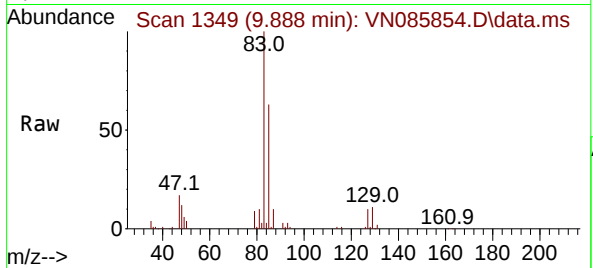
174 98.0 77.2 115.8





#47
Bromodichloromethane
Concen: 22.535 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

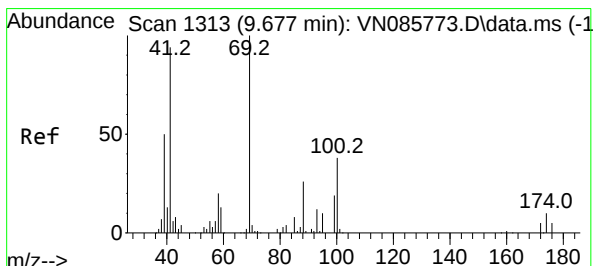
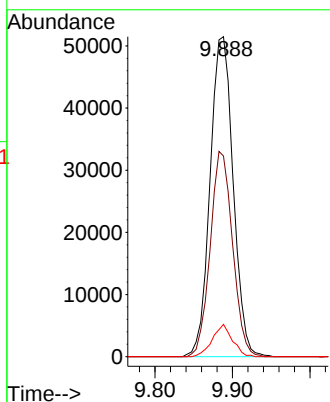
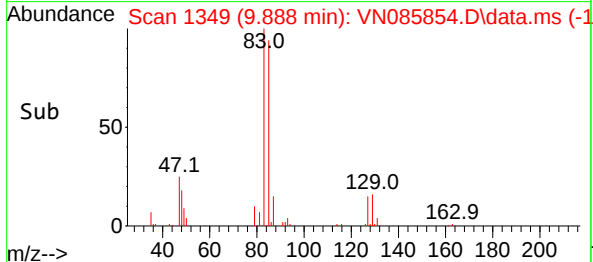
Instrument :
MSVOA_N
ClientSampleId :
VN0225MBS01



Tgt Ion: 83 Resp: 106410
Ion Ratio Lower Upper
83 100
85 62.7 50.5 75.7
127 10.1 7.2 10.8

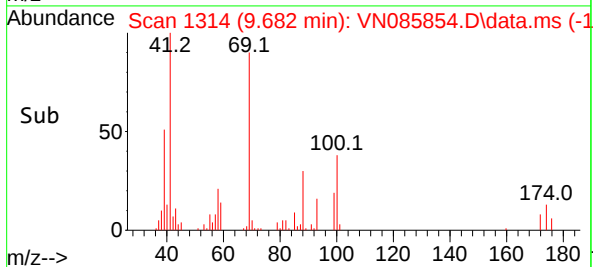
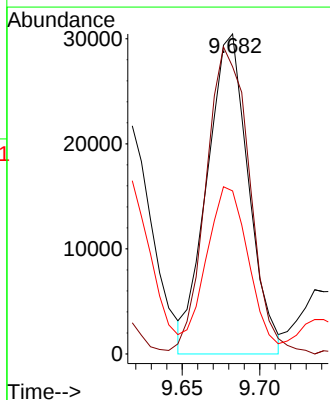
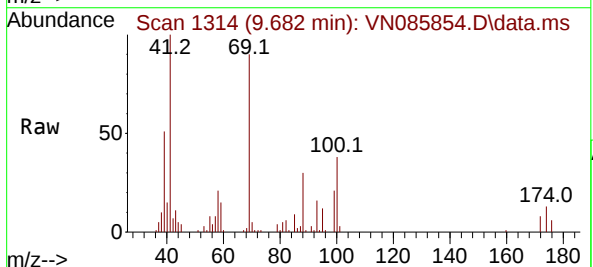
Manual Integrations
APPROVED

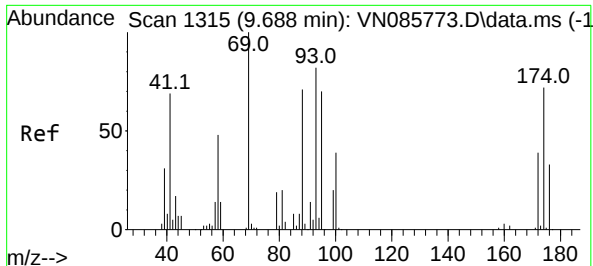
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#48
Methyl methacrylate
Concen: 22.918 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

Tgt Ion: 41 Resp: 56653
Ion Ratio Lower Upper
41 100
69 101.1 76.0 114.0
39 54.1 42.3 63.5





#49

1,4-Dioxane

Concen: 578.697 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN085854.D

Acq: 25 Feb 2025 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN0225MBS01

Tgt Ion: 88 Resp: 2720

Ion Ratio Lower Upper

88 100

43 25.7 18.6 27.8

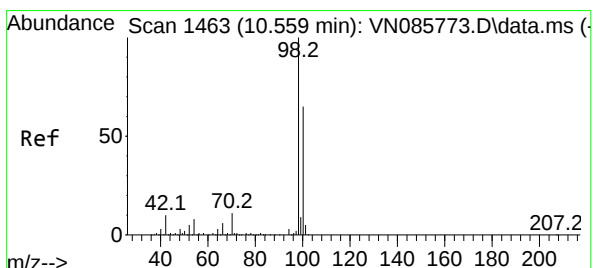
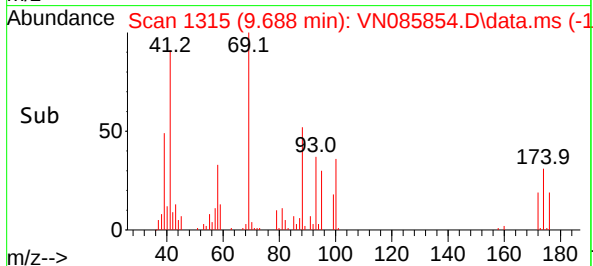
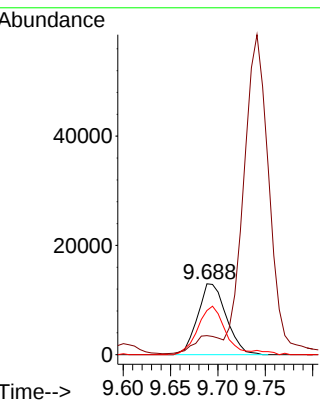
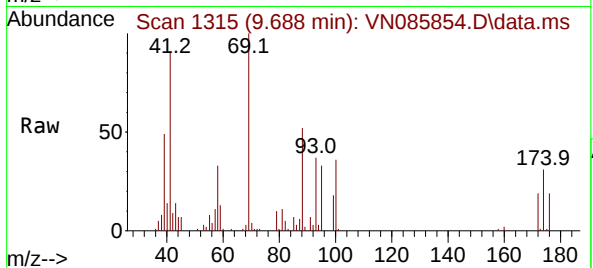
58 64.9 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#50

Toluene-d8

Concen: 53.298 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085854.D

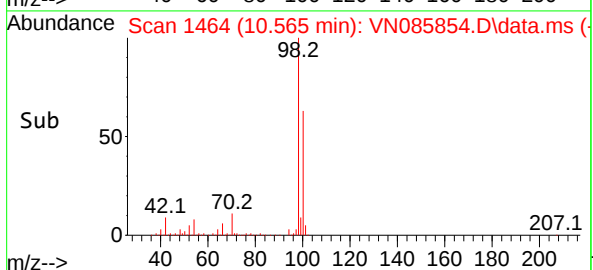
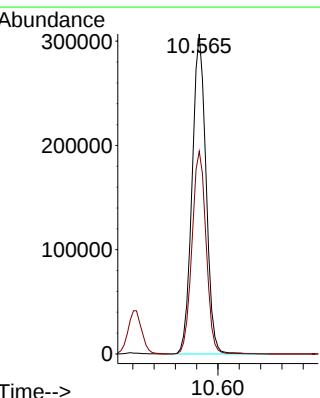
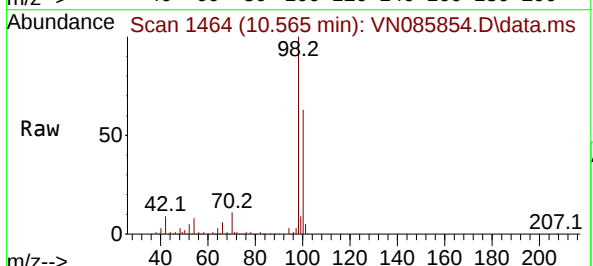
Acq: 25 Feb 2025 14:00

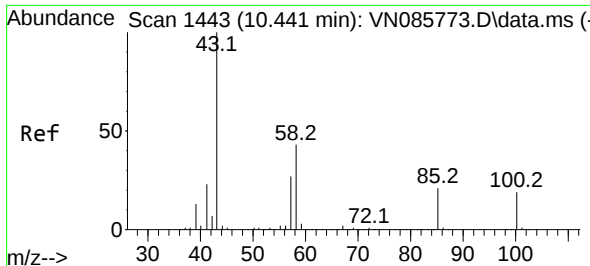
Tgt Ion: 98 Resp: 554185

Ion Ratio Lower Upper

98 100

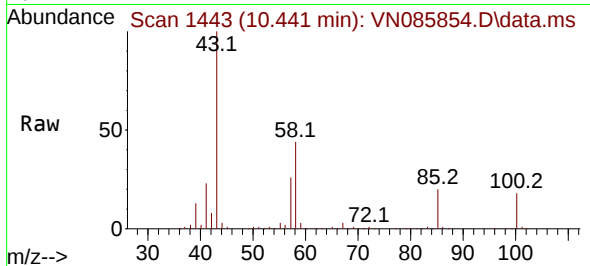
100 64.3 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 132.651 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

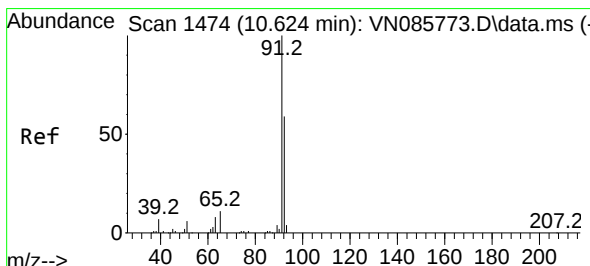
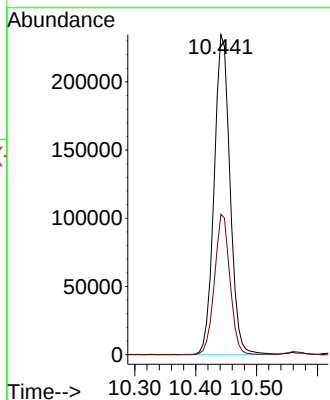
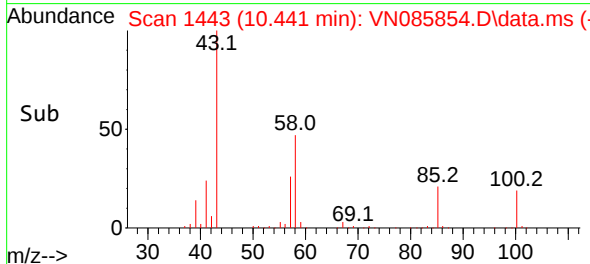
Instrument :
MSVOA_N
ClientSampleId :
VN0225MBS01



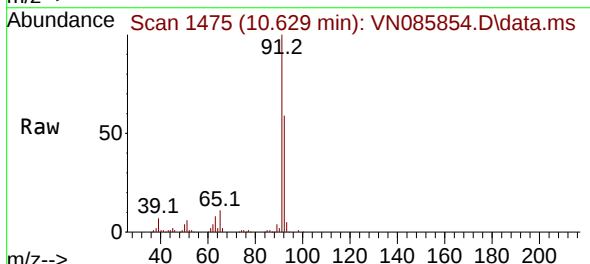
Tgt Ion: 43 Resp: 42569
Ion Ratio Lower Upper
43 100
58 42.6 34.6 52.0

Manual Integrations
APPROVED

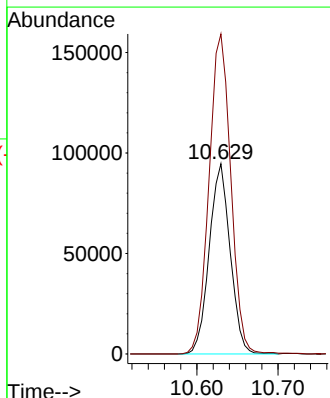
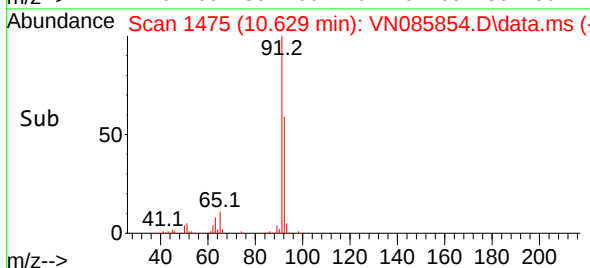
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

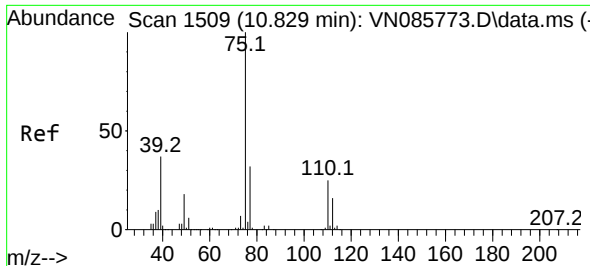


#52
Toluene
Concen: 22.303 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00



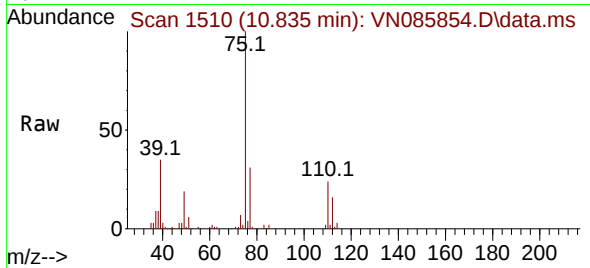
Tgt Ion: 92 Resp: 169479
Ion Ratio Lower Upper
92 100
91 175.4 136.9 205.3





#53
 t-1,3-Dichloropropene
 Concen: 22.158 ug/l
 RT: 10.835 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: VN085854.D
 Acq: 25 Feb 2025 14:00

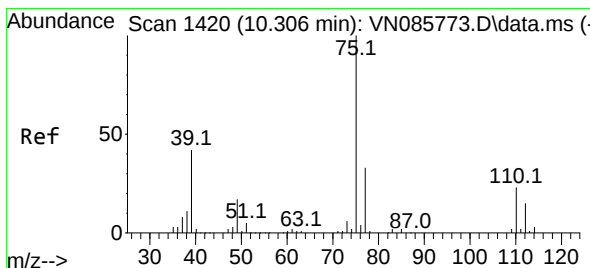
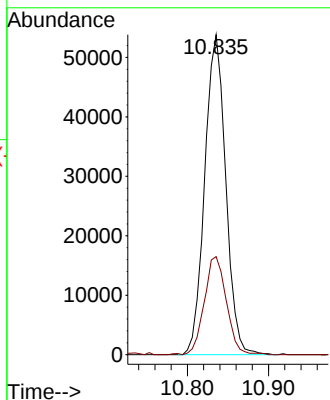
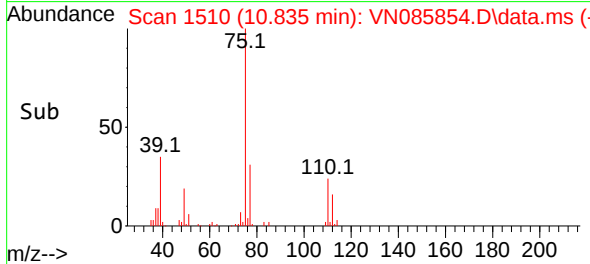
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225MBS01



Tgt Ion: 75 Resp: 96752
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.4 38.0

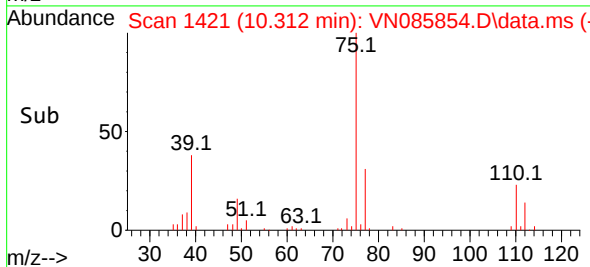
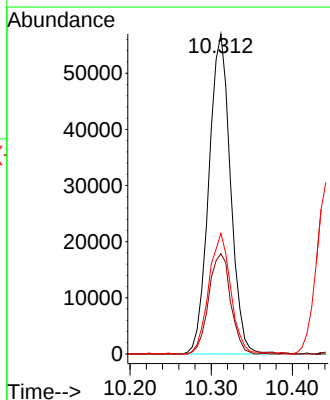
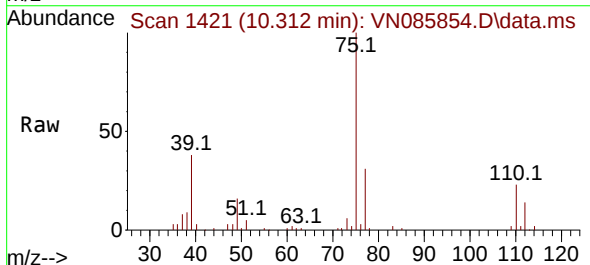
Manual Integrations
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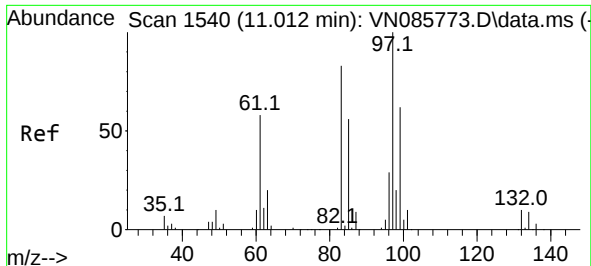
Reviewed By :John Carlone 02/26/2025
 Supervised By :Mahesh Dadoda 02/26/2025



#54
 cis-1,3-Dichloropropene
 Concen: 22.031 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN085854.D
 Acq: 25 Feb 2025 14:00

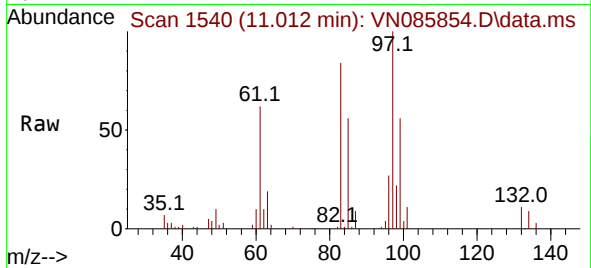
Tgt Ion: 75 Resp: 105486
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.1 39.1
 39 37.7 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 22.883 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

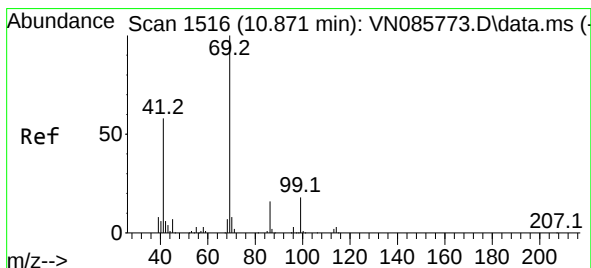
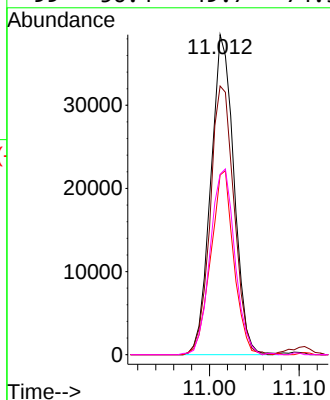
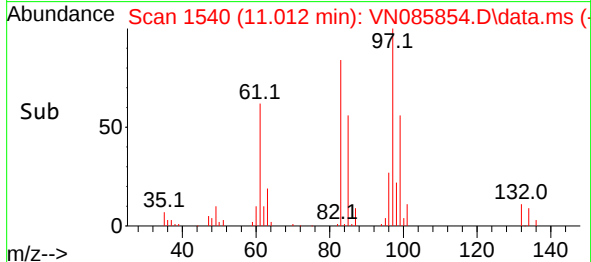
Instrument :
MSVOA_N
ClientSampleId :
VN0225MBS01



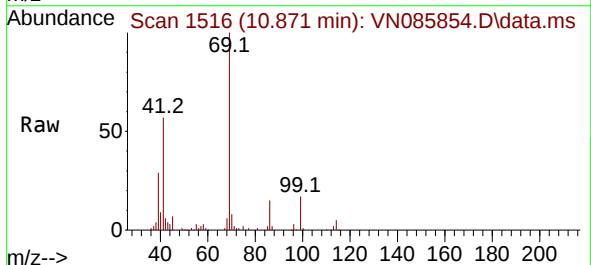
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.9	66.1	99.1
85	56.2	44.7	67.1
99	56.4	49.7	74.5

Manual Integrations
APPROVED

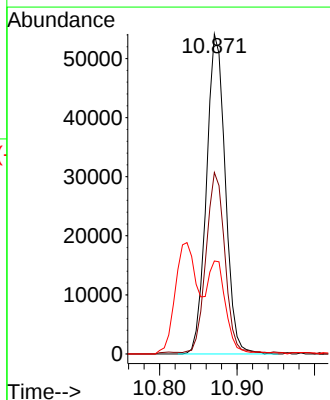
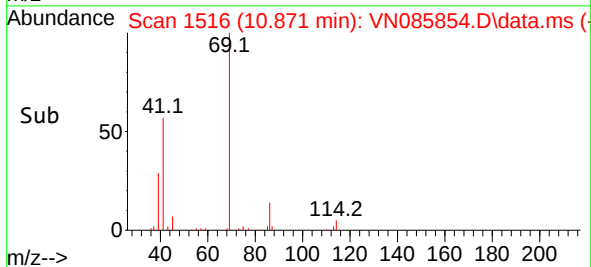
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

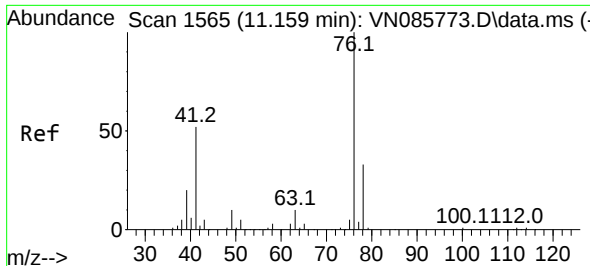


#56
Ethyl methacrylate
Concen: 22.714 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00



Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.3	46.0	69.0
39	30.2	22.0	33.0





#57

1,3-Dichloropropane

Concen: 22.405 ug/l

RT: 11.159 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN085854.D

Acq: 25 Feb 2025 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN0225MBS01

Tgt Ion: 76 Resp: 11300

Ion Ratio Lower Upper

76 100

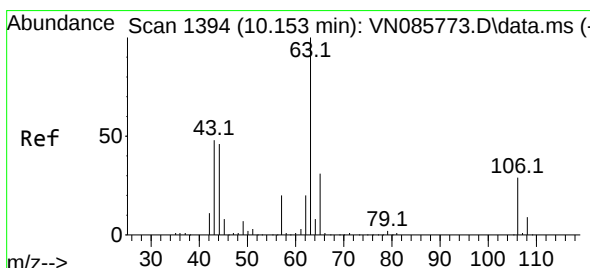
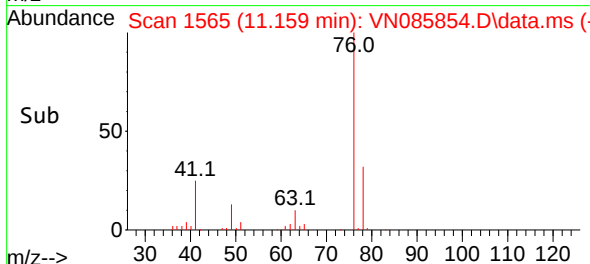
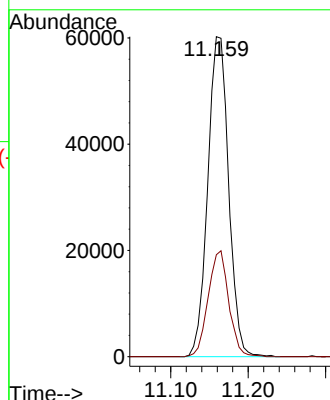
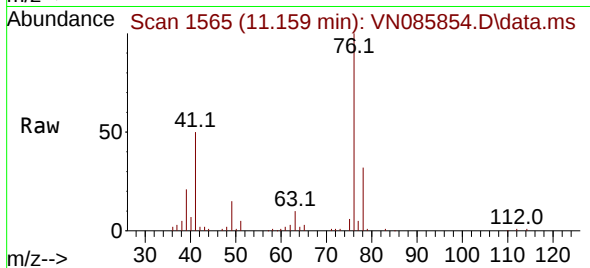
78 32.6 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#58

2-Chloroethyl Vinyl ether

Concen: 116.190 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.006 min

Lab File: VN085854.D

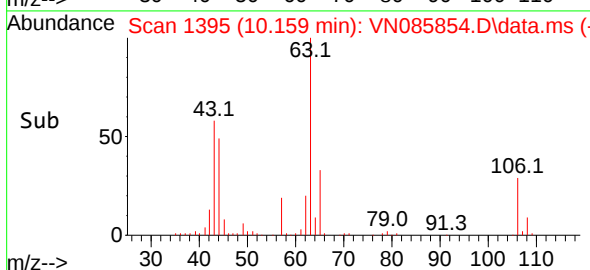
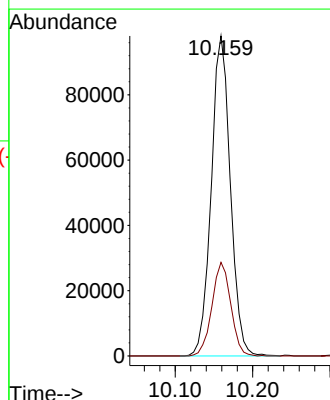
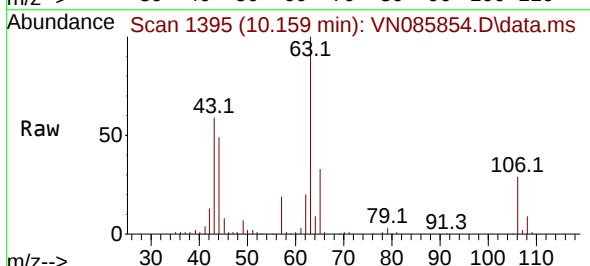
Acq: 25 Feb 2025 14:00

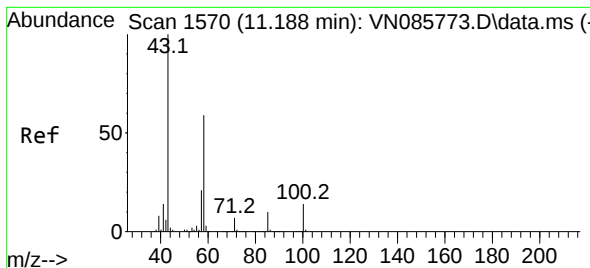
Tgt Ion: 63 Resp: 168535

Ion Ratio Lower Upper

63 100

106 28.8 22.7 34.1





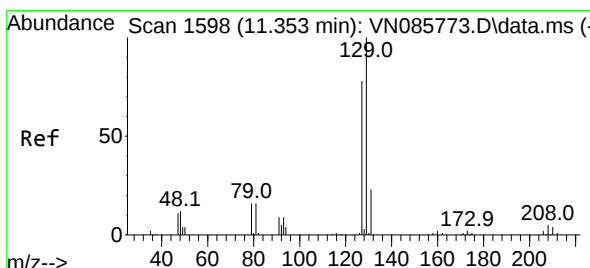
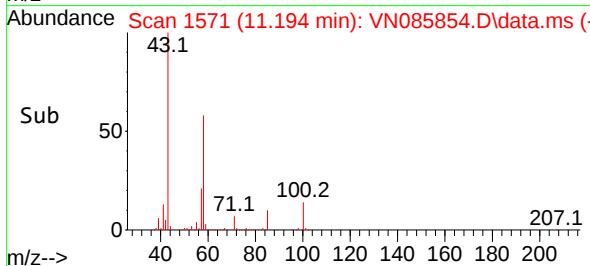
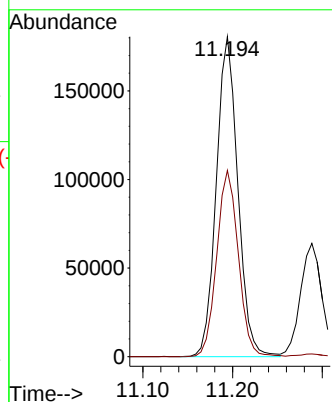
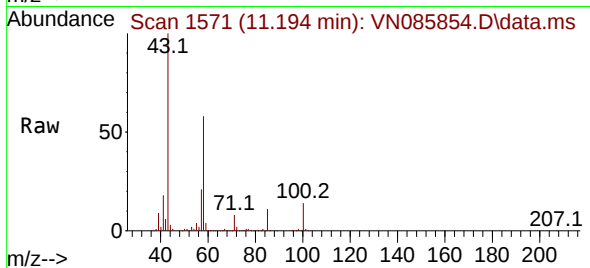
#59
2-Hexanone
Concen: 136.268 ug/l
RT: 11.194 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0225MBS01

Tgt Ion: 43 Resp: 30084
Ion Ratio Lower Upper
43 100
58 58.4 29.8 89.5

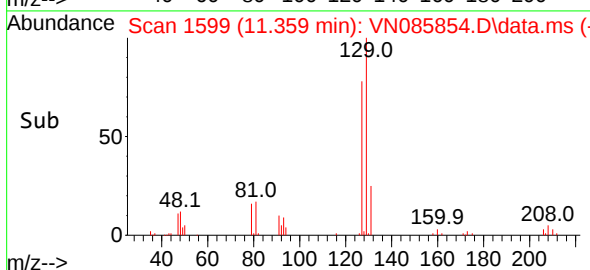
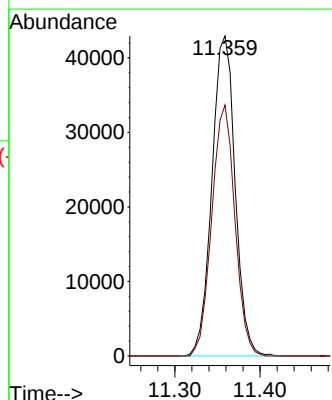
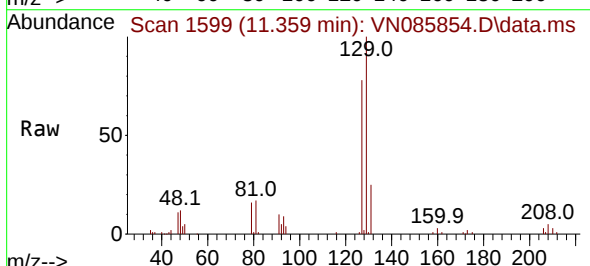
Manual Integrations
APPROVED

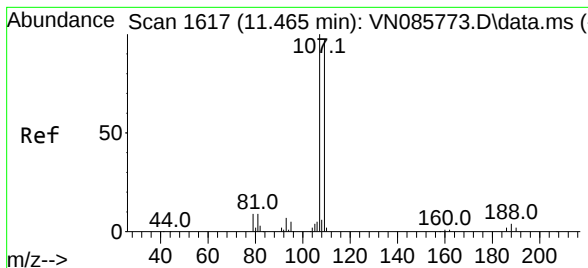
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#60
Dibromochloromethane
Concen: 23.073 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

Tgt Ion:129 Resp: 81175
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.5





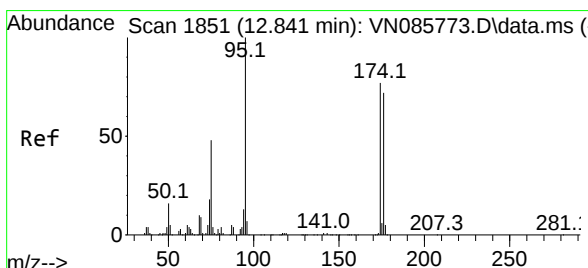
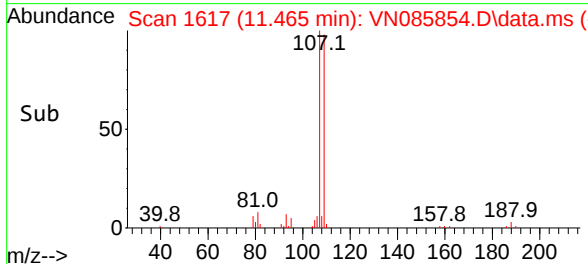
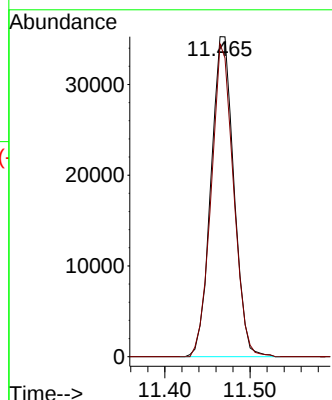
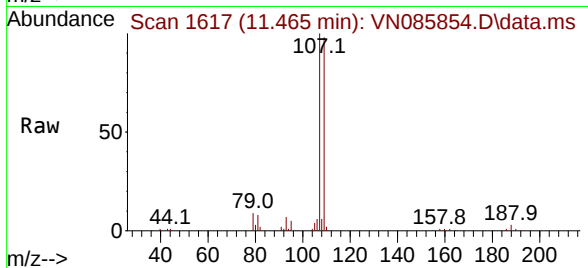
#61
1,2-Dibromoethane
Concen: 23.066 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0225MBS01

Tgt Ion:107 Resp: 65840
Ion Ratio Lower Upper
107 100
109 94.9 76.0 114.0

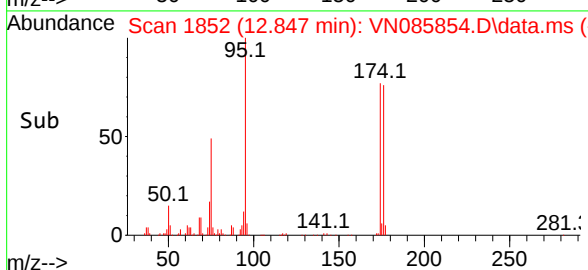
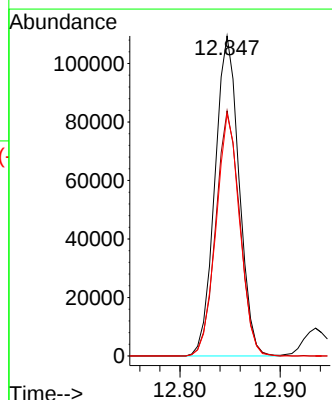
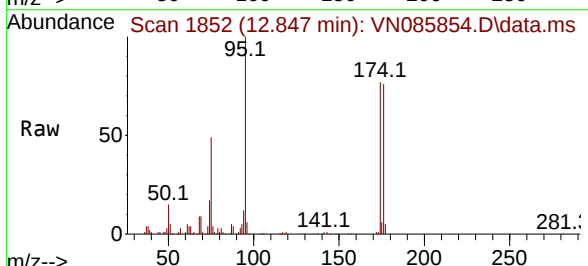
Manual Integrations
APPROVED

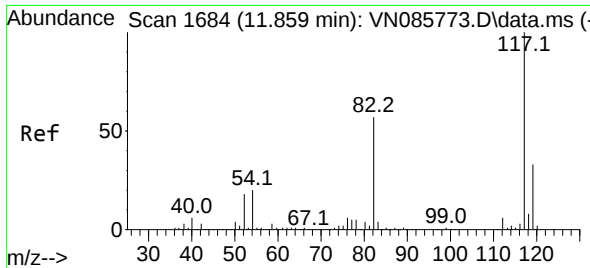
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#62
4-Bromofluorobenzene
Concen: 53.470 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

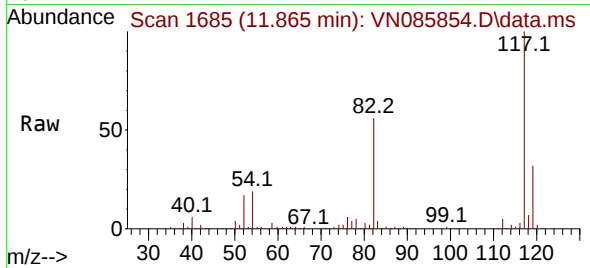
Tgt Ion: 95 Resp: 183180
Ion Ratio Lower Upper
95 100
174 76.0 0.0 152.4
176 74.2 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

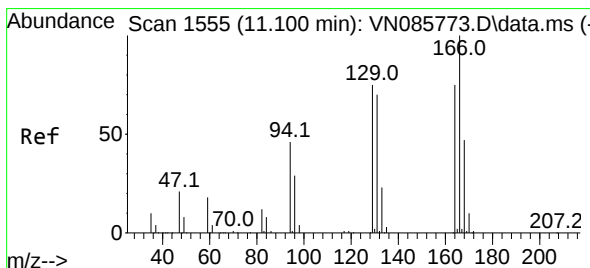
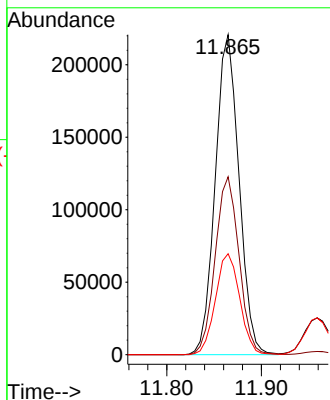
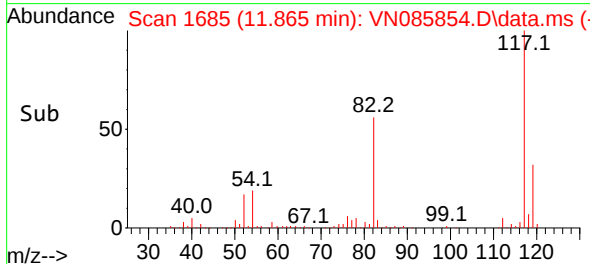
Instrument :
MSVOA_N
ClientSampleId :
VN0225MBS01



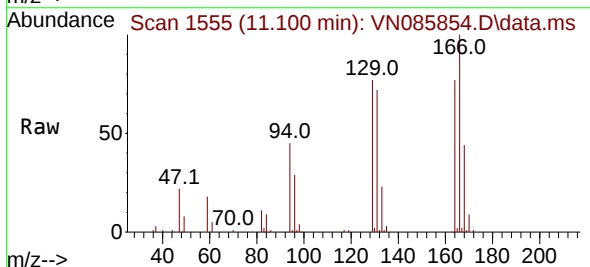
Tgt Ion:117 Resp: 385224
Ion Ratio Lower Upper
117 100
82 55.6 45.7 68.5
119 31.6 26.2 39.2

Manual Integrations
APPROVED

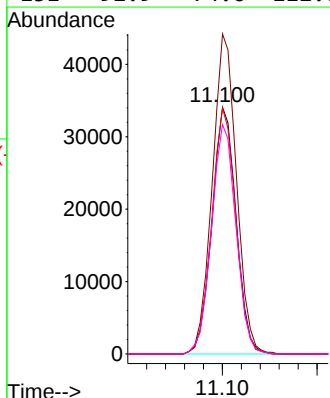
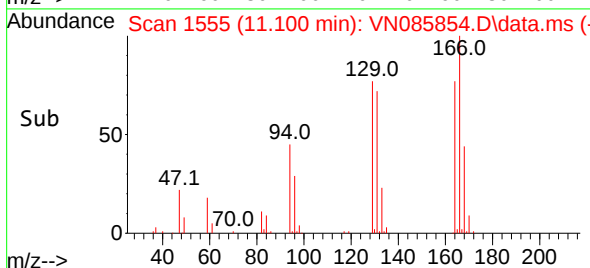
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

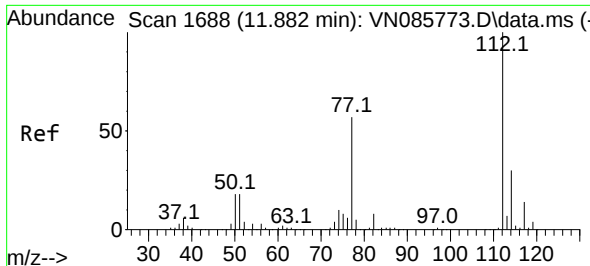


#64
Tetrachloroethene
Concen: 20.194 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00



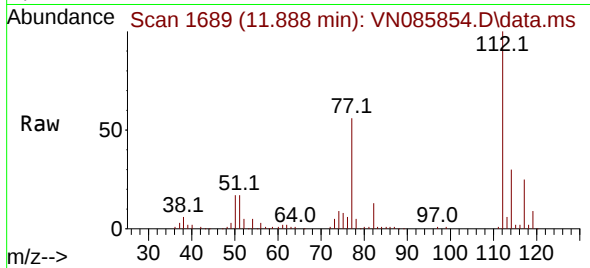
Tgt Ion:164 Resp: 60267
Ion Ratio Lower Upper
164 100
166 129.7 107.2 160.8
129 99.6 80.7 121.1
131 92.9 74.6 112.0





#65
Chlorobenzene
Concen: 21.243 ug/l
RT: 11.888 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

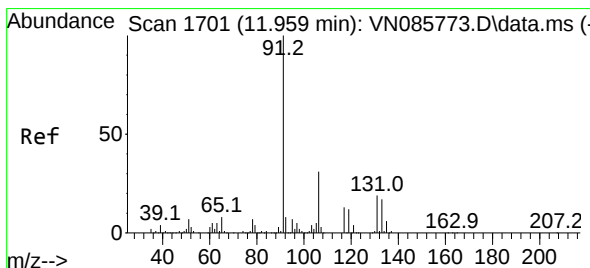
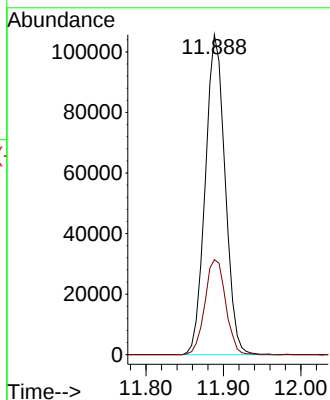
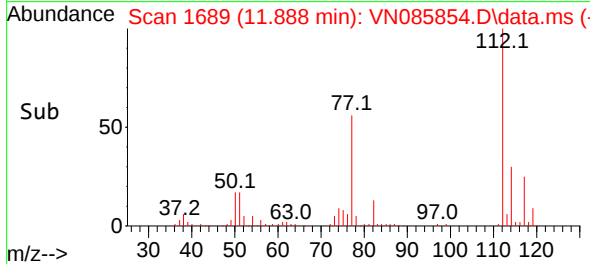
Instrument :
MSVOA_N
ClientSampleId :
VN0225MBS01



Tgt Ion:112 Resp: 18747
Ion Ratio Lower Upper
112 100
114 29.7 24.3 36.5

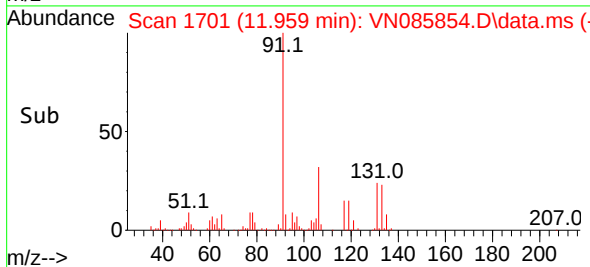
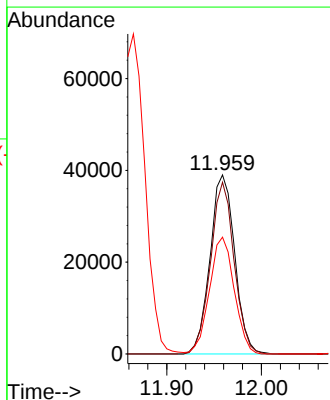
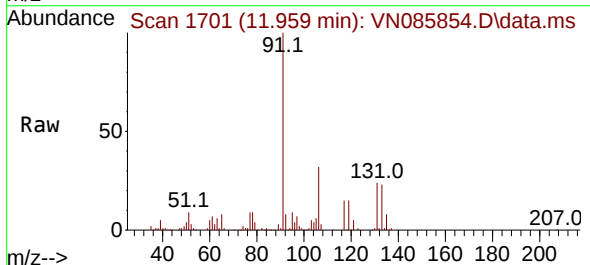
Manual Integrations
APPROVED

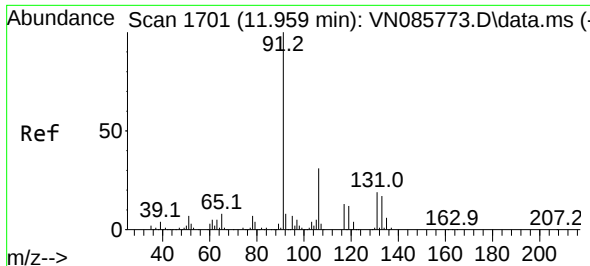
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 22.277 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

Tgt Ion:131 Resp: 70661
Ion Ratio Lower Upper
131 100
133 92.1 47.7 143.1
119 65.6 33.3 99.8





#67

Ethyl Benzene

Concen: 20.992 ug/l

RT: 11.965 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085854.D

Acq: 25 Feb 2025 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN0225MBS01

Tgt Ion: 91 Resp: 290180

Ion Ratio Lower Upper

91 100

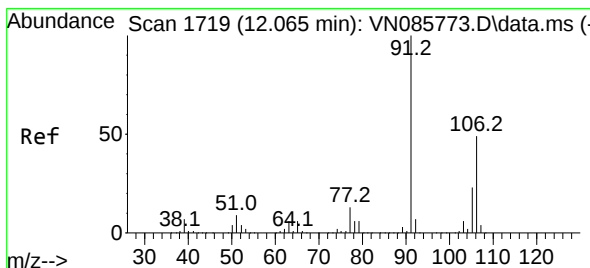
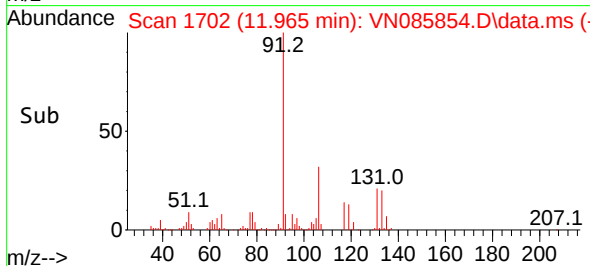
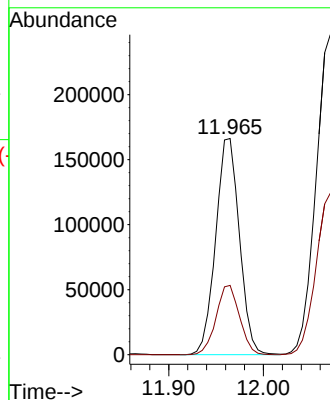
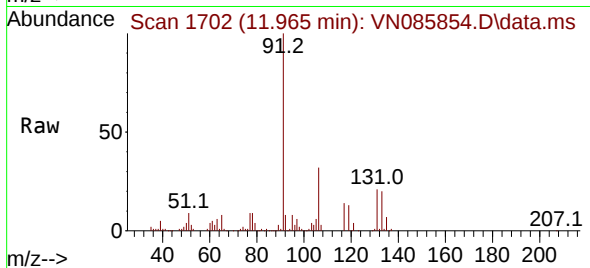
106 32.1 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#68

m/p-Xylenes

Concen: 45.430 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.006 min

Lab File: VN085854.D

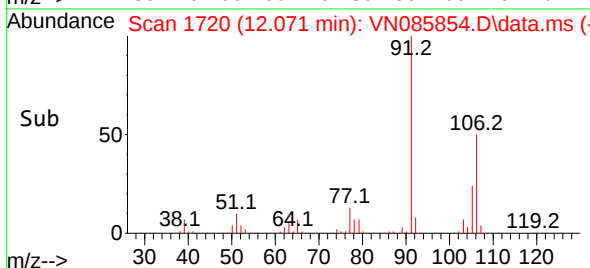
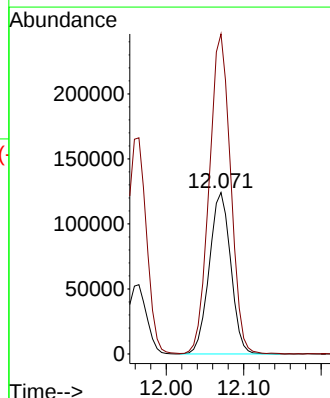
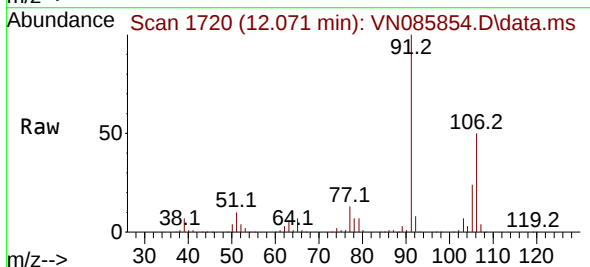
Acq: 25 Feb 2025 14:00

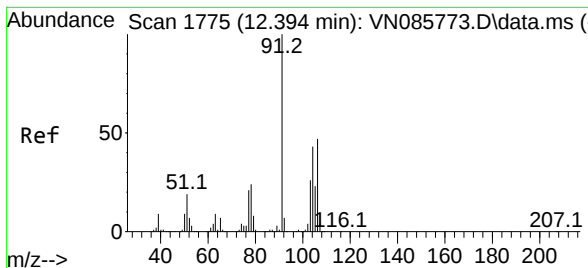
Tgt Ion:106 Resp: 238549

Ion Ratio Lower Upper

106 100

91 197.0 163.3 244.9





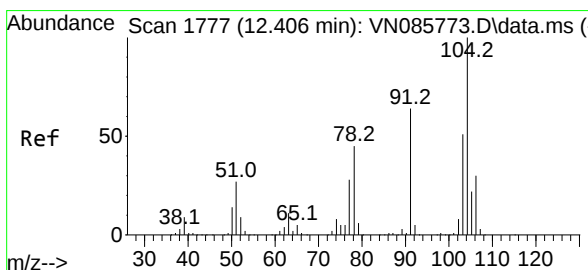
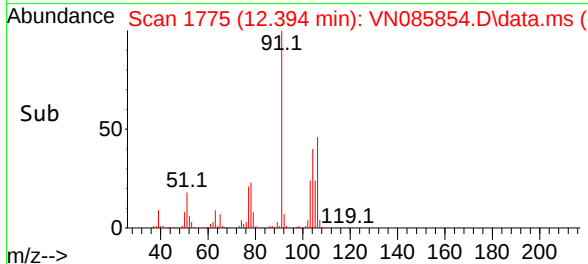
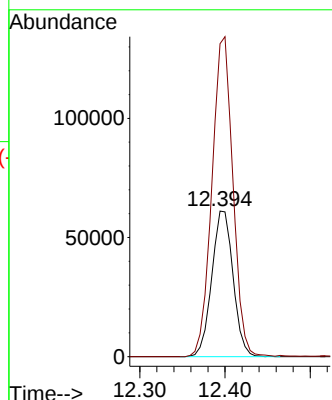
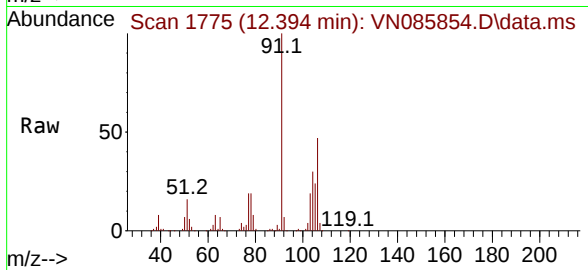
#69
o-Xylene
Concen: 21.322 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0225MBS01

Tgt Ion:106 Resp: 10639
Ion Ratio Lower Upper
106 100
91 216.4 107.1 321.4

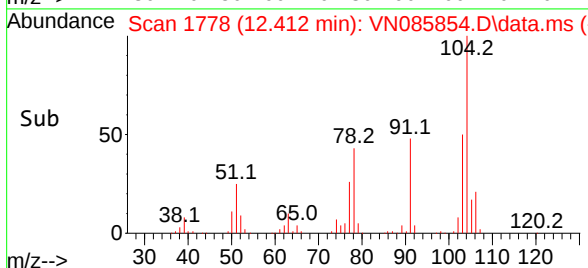
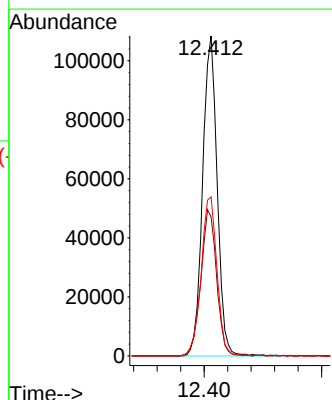
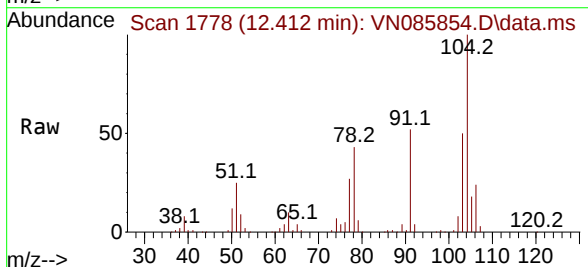
Manual Integrations
APPROVED

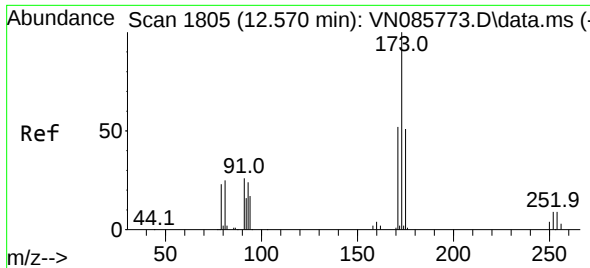
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#70
Styrene
Concen: 21.551 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

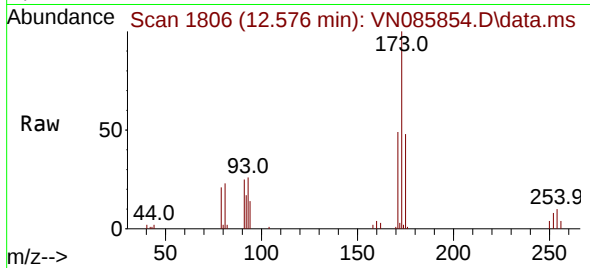
Tgt Ion:104 Resp: 186361
Ion Ratio Lower Upper
104 100
78 49.2 39.0 58.6
103 53.9 43.3 64.9





#71
Bromoform
Concen: 23.228 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

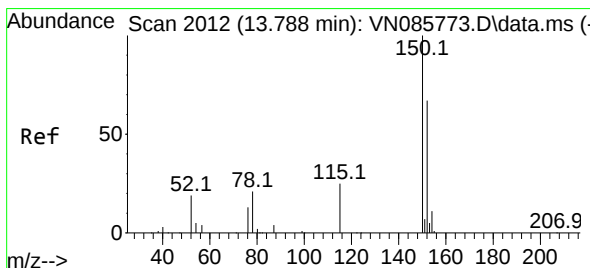
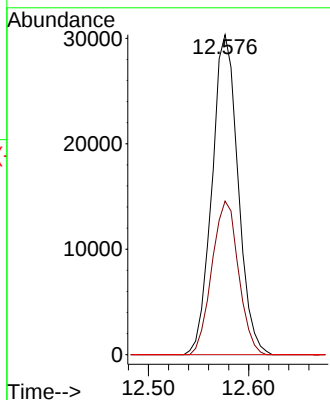
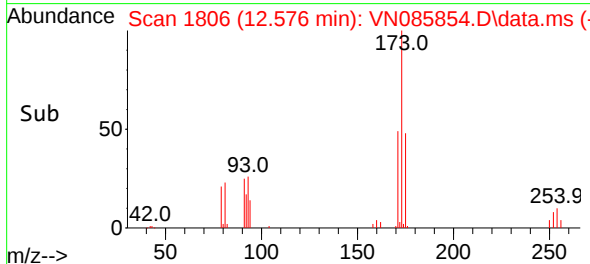
Instrument :
MSVOA_N
ClientSampleId :
VN0225MBS01



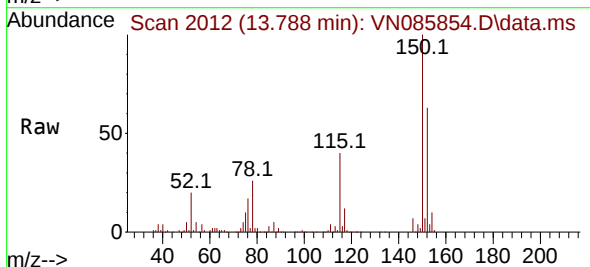
Tgt Ion:173 Resp: 54748
Ion Ratio Lower Upper
173 100
175 48.9 25.1 75.4
254 0.0 0.0 0.0

Manual Integrations
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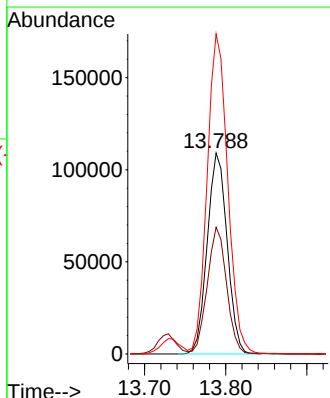
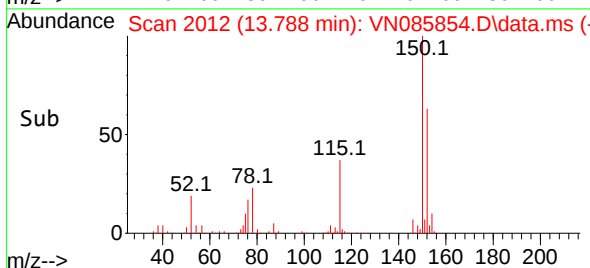
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

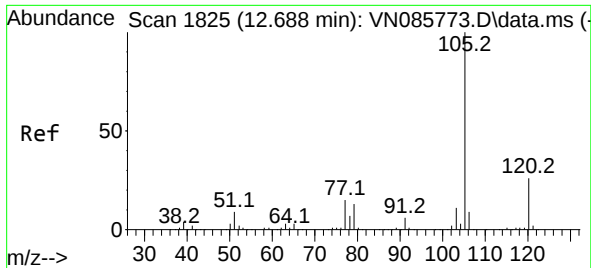


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00



Tgt Ion:152 Resp: 185906
Ion Ratio Lower Upper
152 100
115 61.1 30.4 91.3
150 164.7 0.0 345.4





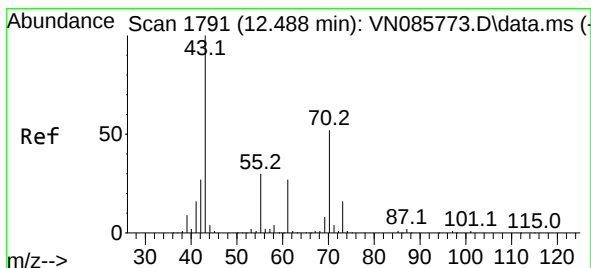
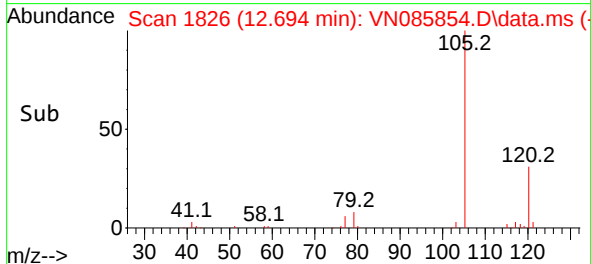
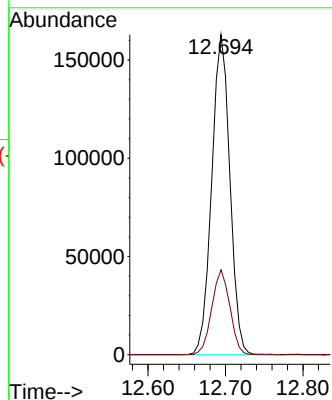
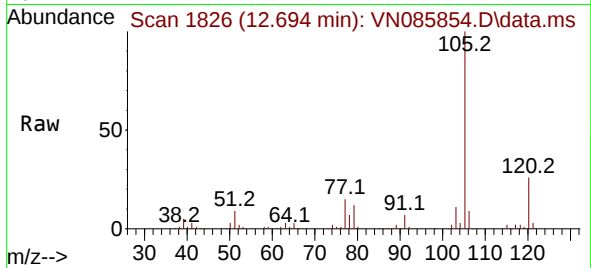
#73
Isopropylbenzene
Concen: 20.831 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0225MBS01

Tgt Ion:105 Resp: 265308
Ion Ratio Lower Upper
105 100
120 26.3 13.0 39.0

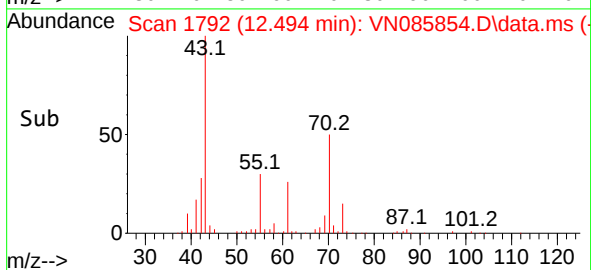
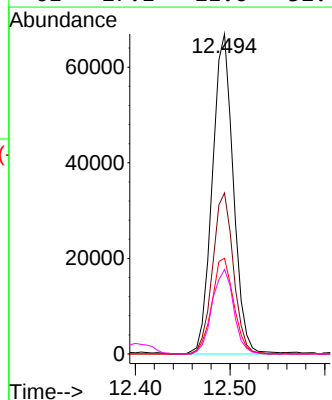
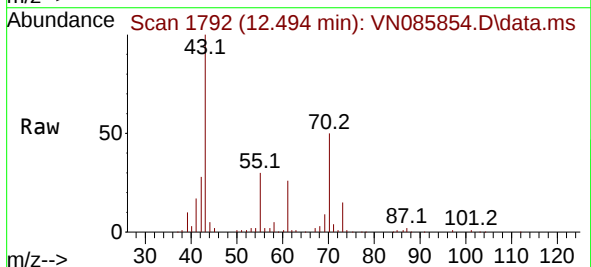
Manual Integrations
APPROVED

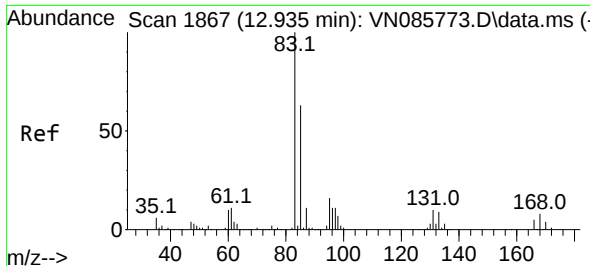
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#74
N-ethyl acetate
Concen: 22.921 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

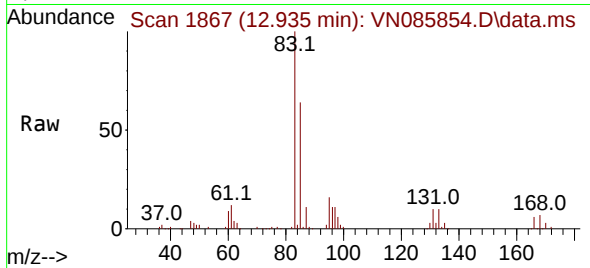
Tgt Ion: 43 Resp: 102946
Ion Ratio Lower Upper
43 100
70 50.0 41.0 61.4
55 31.1 24.6 36.8
61 27.1 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 22.573 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

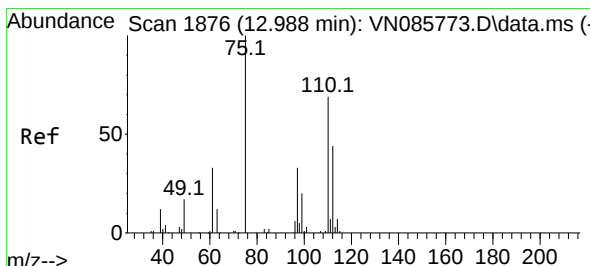
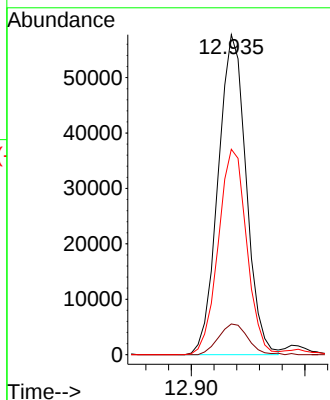
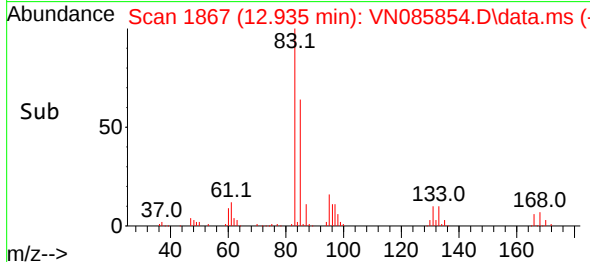
Instrument :
MSVOA_N
ClientSampleId :
VN0225MBS01



Tgt Ion: 83 Resp: 98932
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 64.9 32.2 96.6

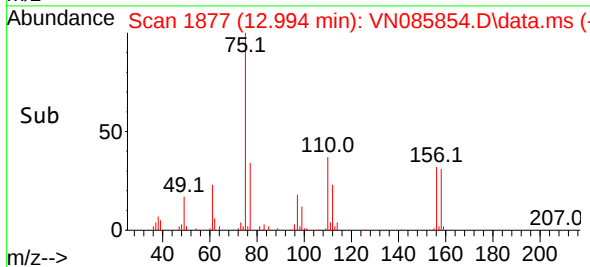
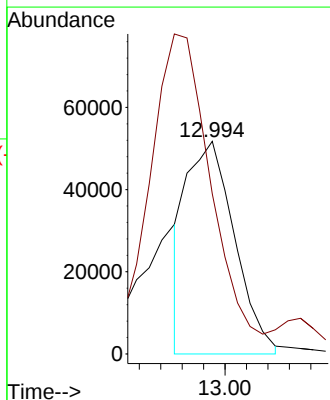
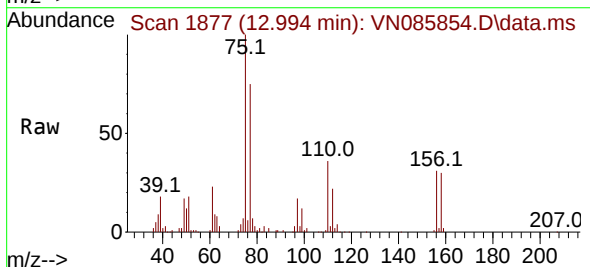
Manual Integrations
APPROVED

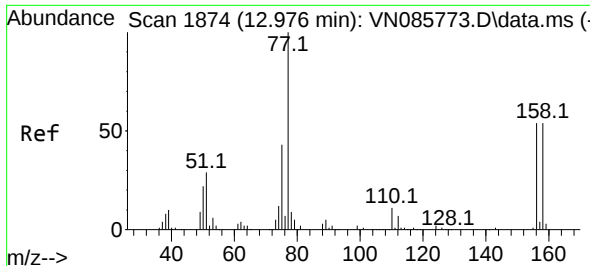
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#76
1,2,3-Trichloropropane
Concen: 19.463 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

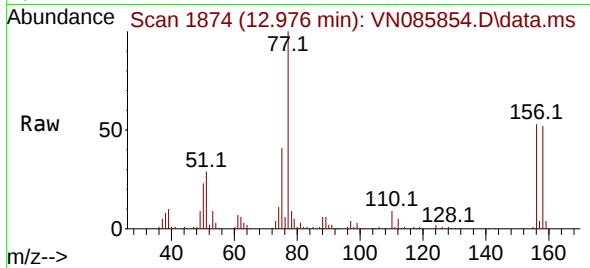
Tgt Ion: 75 Resp: 80374
Ion Ratio Lower Upper
75 100
77 195.0 100.0 300.0





#77
Bromobenzene
Concen: 20.889 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

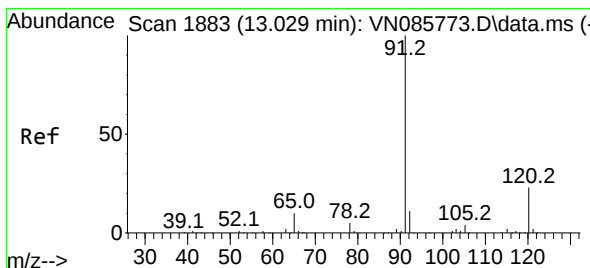
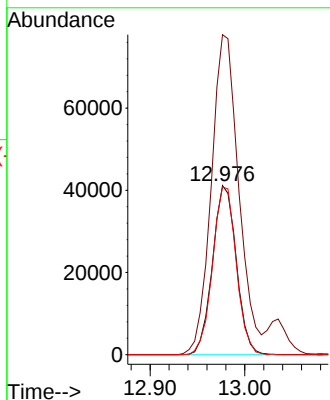
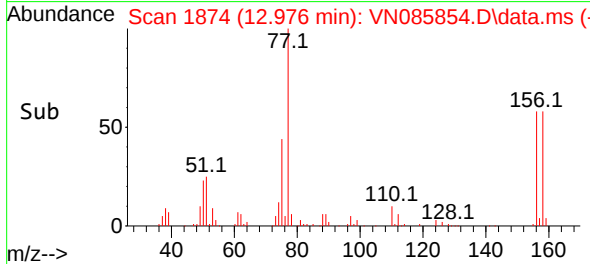
Instrument :
MSVOA_N
ClientSampleId :
VN0225MBS01



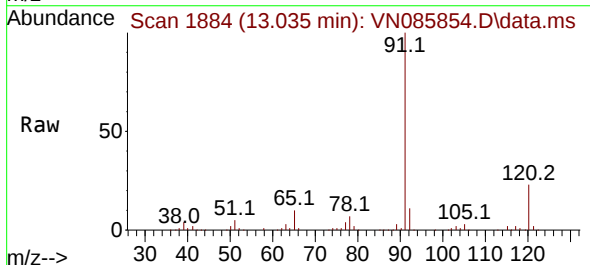
Tgt Ion:156 Resp: 71879
Ion Ratio Lower Upper
156 100
77 218.0 104.1 312.3
158 98.7 48.1 144.4

Manual Integrations
APPROVED

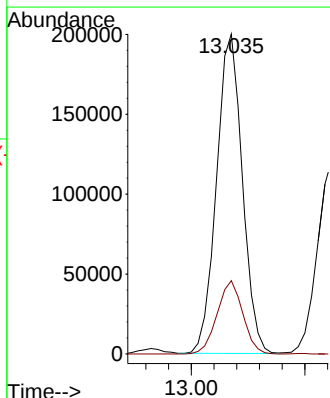
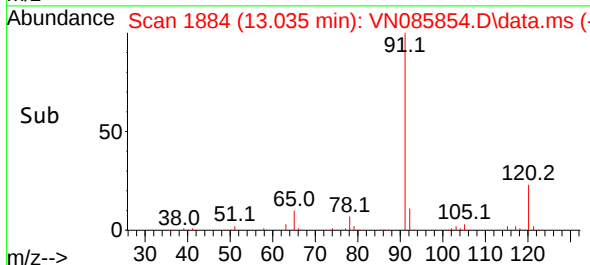
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

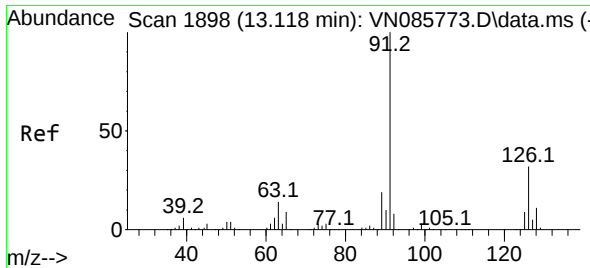


#78
n-propylbenzene
Concen: 21.616 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00



Tgt Ion: 91 Resp: 315294
Ion Ratio Lower Upper
91 100
120 22.8 11.3 33.8





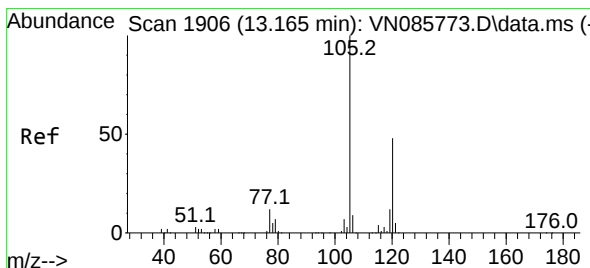
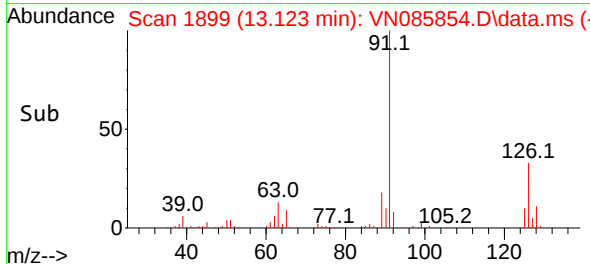
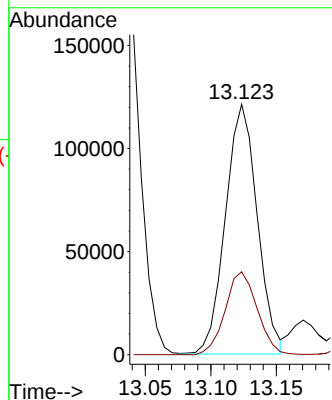
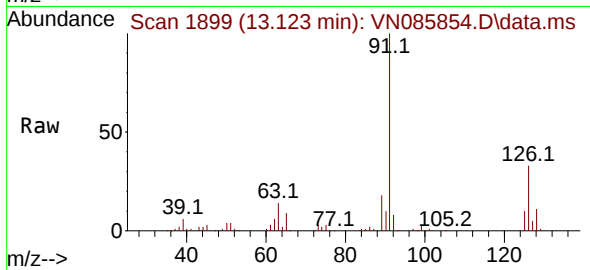
#79
2-Chlorotoluene
Concen: 21.020 ug/l
RT: 13.123 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0225MBS01

Tgt Ion: 91 Resp: 204849
Ion Ratio Lower Upper
91 100
126 33.4 16.4 49.1

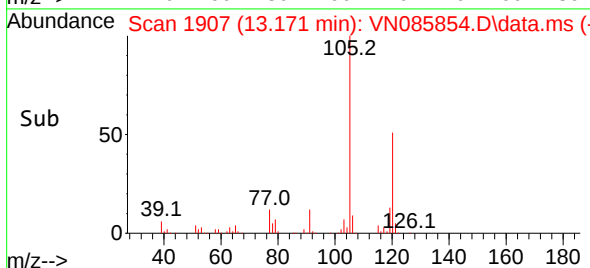
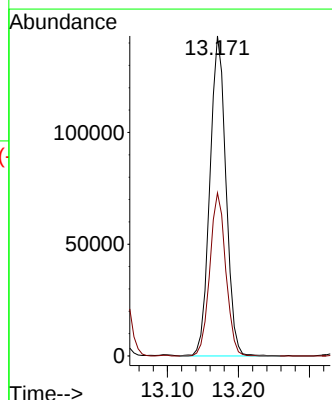
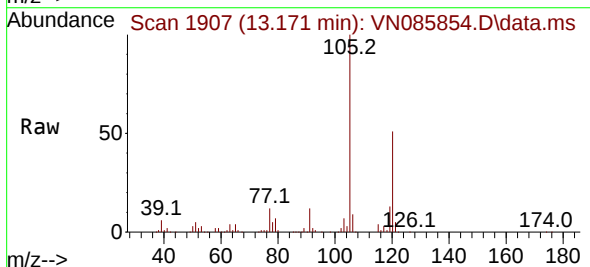
Manual Integrations
APPROVED

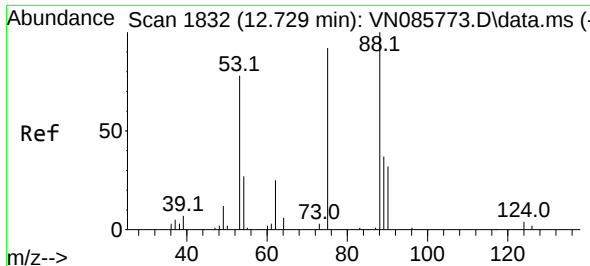
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#80
1,3,5-Trimethylbenzene
Concen: 21.706 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

Tgt Ion:105 Resp: 225204
Ion Ratio Lower Upper
105 100
120 50.4 24.3 72.9





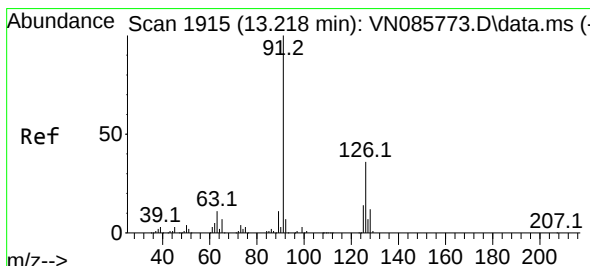
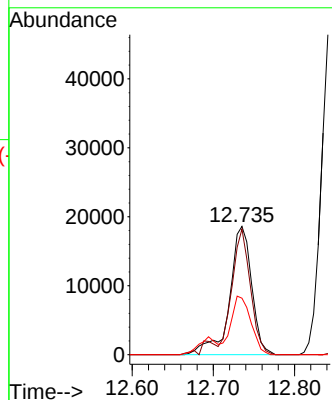
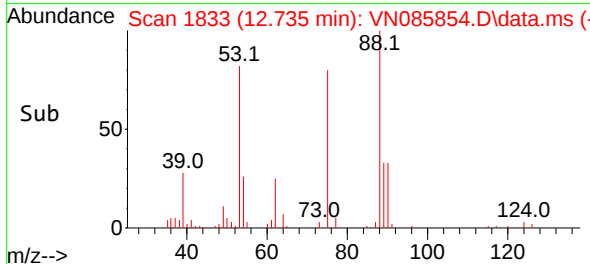
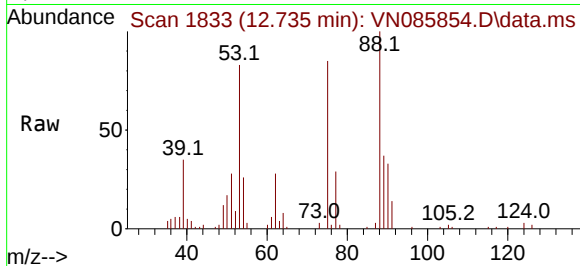
#81
trans-1,4-Dichloro-2-butene
Concen: 24.875 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0225MBS01

Tgt Ion: 75 Resp: 35200
Ion Ratio Lower Upper
75 100
53 81.3 74.2 111.4
89 41.7 34.9 52.3

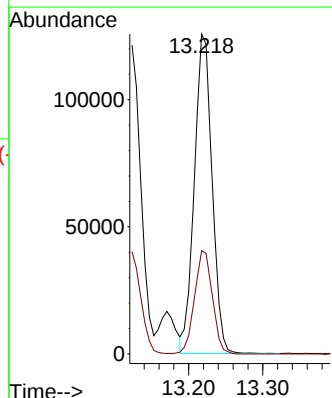
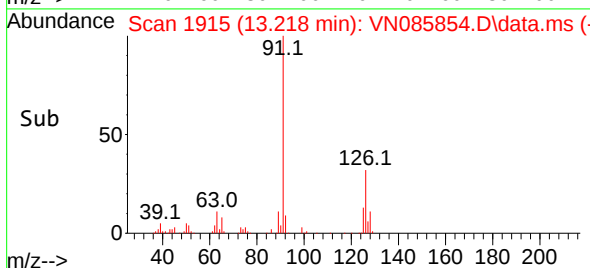
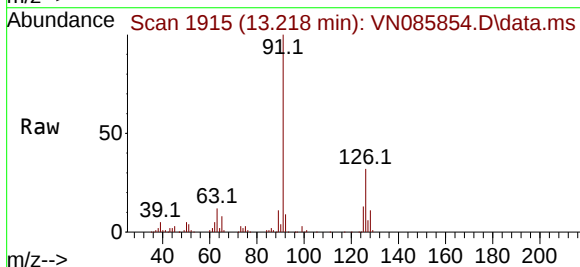
Manual Integrations
APPROVED

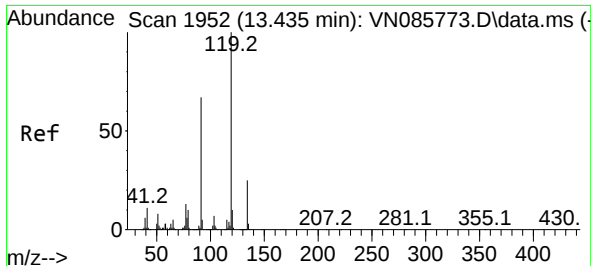
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#82
4-Chlorotoluene
Concen: 21.580 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

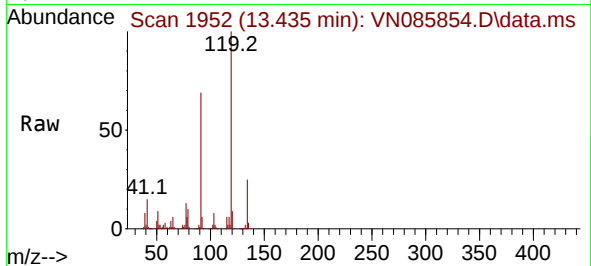
Tgt Ion: 91 Resp: 208491
Ion Ratio Lower Upper
91 100
126 32.6 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 20.569 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085854.D
 Acq: 25 Feb 2025 14:00

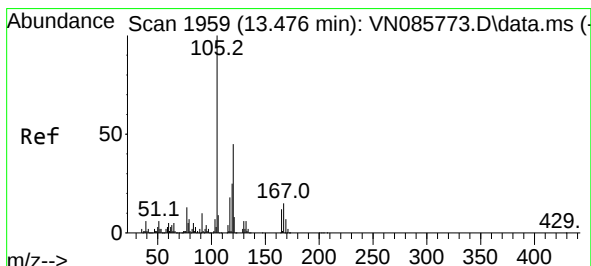
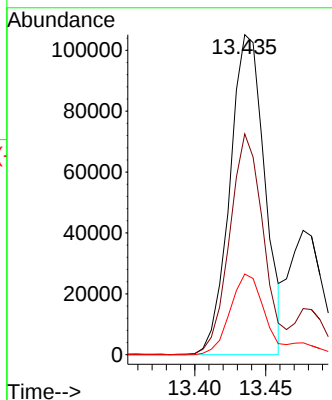
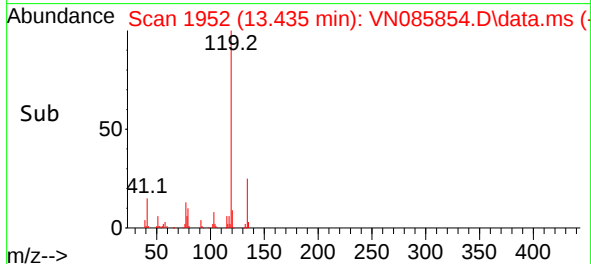
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225MBS01



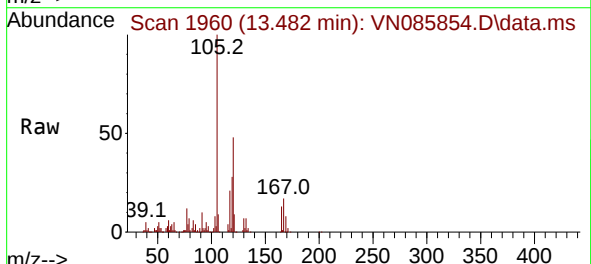
Tgt Ion:119 Resp: 179454
 Ion Ratio Lower Upper
 119 100
 91 67.3 32.5 97.5
 134 24.6 13.3 39.9

Manual Integrations
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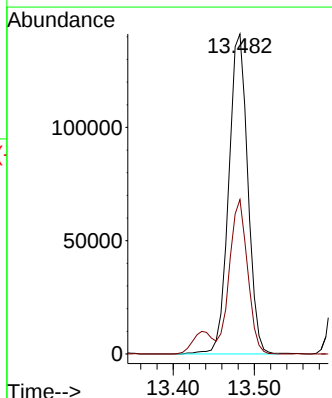
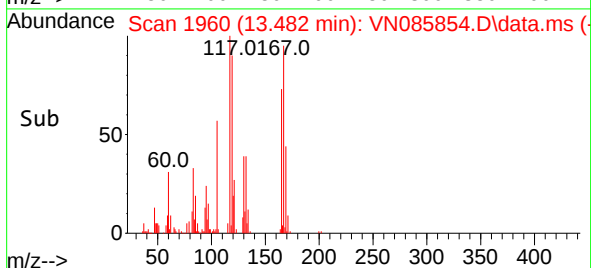
Reviewed By :John Carlone 02/26/2025
 Supervised By :Mahesh Dadoda 02/26/2025

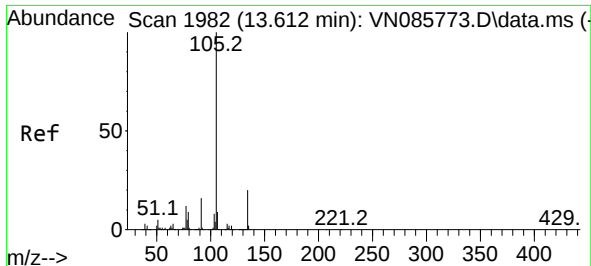


#84
 1,2,4-Trimethylbenzene
 Concen: 22.371 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN085854.D
 Acq: 25 Feb 2025 14:00



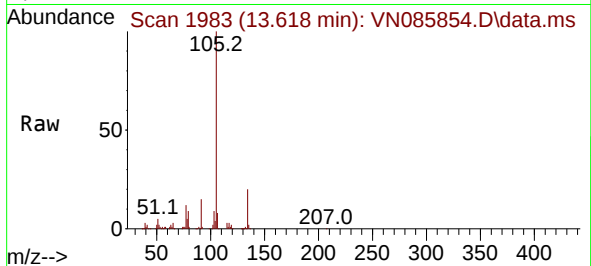
Tgt Ion:105 Resp: 229625
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 20.604 ug/l
 RT: 13.618 min Scan# 1982
 Delta R.T. 0.006 min
 Lab File: VN085854.D
 Acq: 25 Feb 2025 14:00

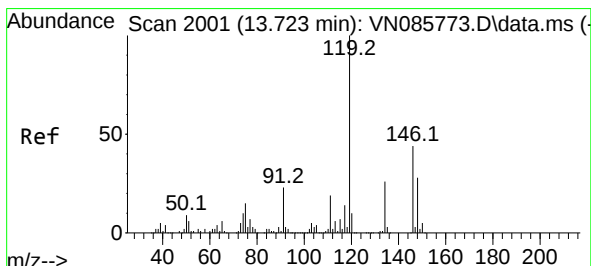
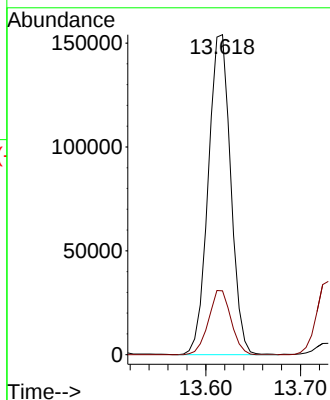
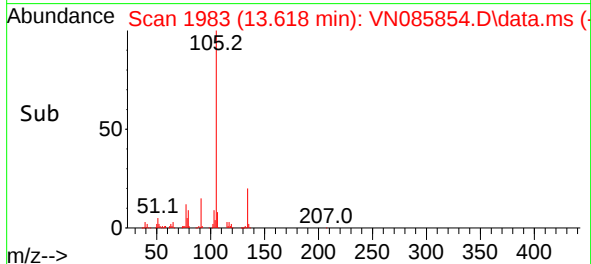
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225MBS01



Tgt Ion:105 Resp: 25397
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4

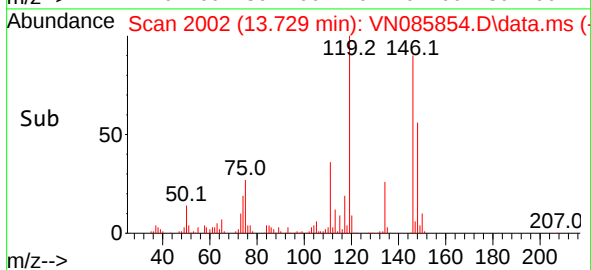
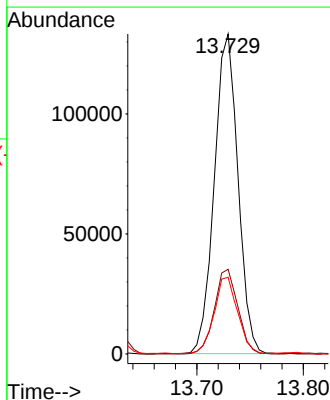
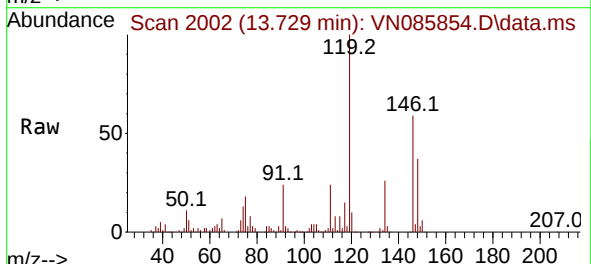
Manual Integrations
 APPROVED

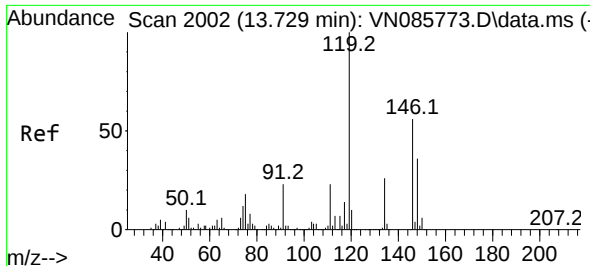
Reviewed By :John Carlone 02/26/2025
 Supervised By :Mahesh Dadoda 02/26/2025



#86
 p-Isopropyltoluene
 Concen: 19.457 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085854.D
 Acq: 25 Feb 2025 14:00

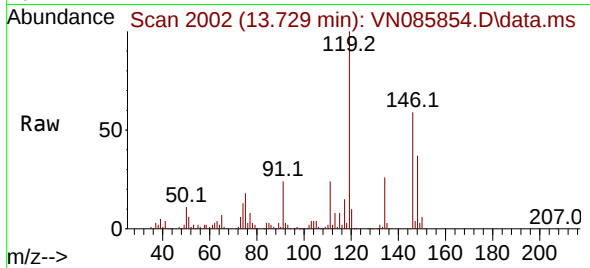
Tgt Ion:119 Resp: 204958
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 39.0
 91 23.7 11.7 35.1





#87
1,3-Dichlorobenzene
Concen: 20.233 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

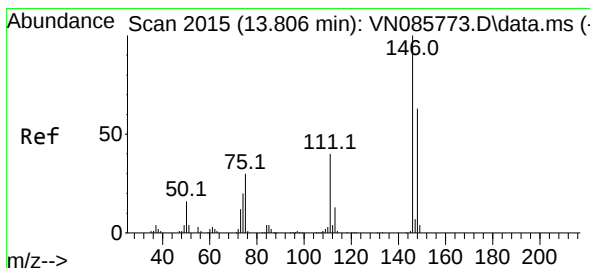
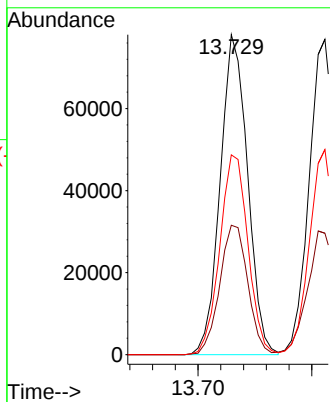
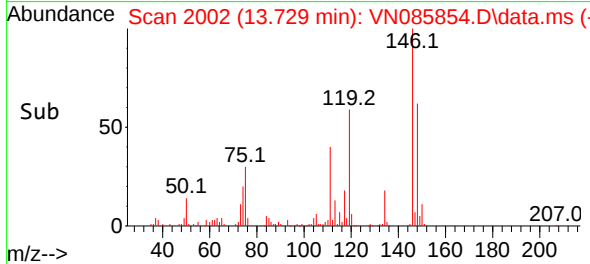
Instrument :
MSVOA_N
ClientSampleId :
VN0225MBS01



Tgt Ion:146 Resp: 130436
Ion Ratio Lower Upper
146 100
111 41.6 21.1 63.3
148 64.3 32.1 96.5

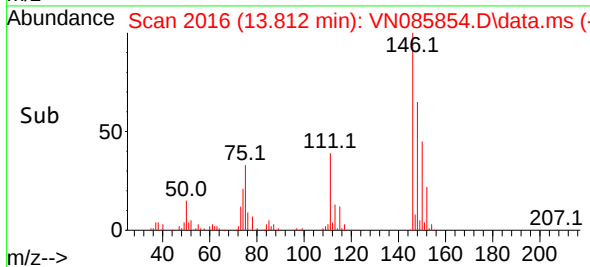
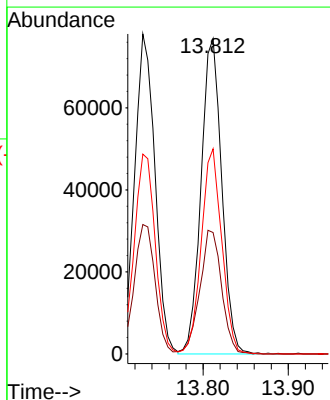
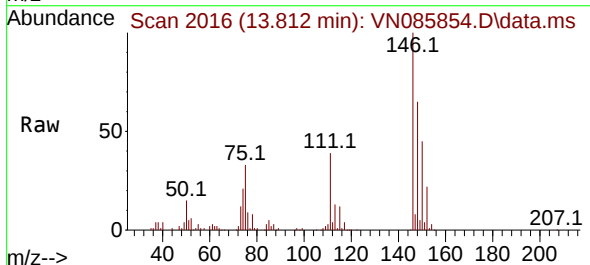
Manual Integrations
APPROVED

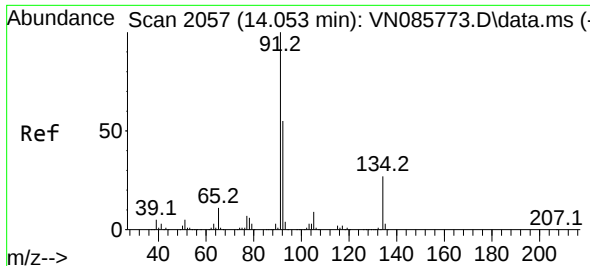
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#88
1,4-Dichlorobenzene
Concen: 19.659 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

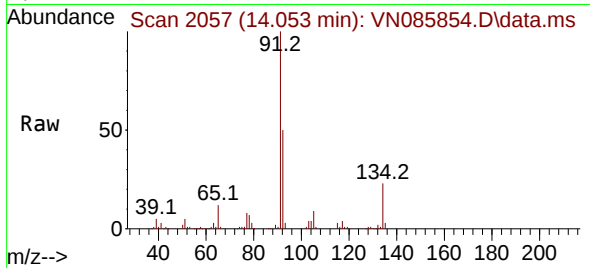
Tgt Ion:146 Resp: 129895
Ion Ratio Lower Upper
146 100
111 41.3 20.4 61.3
148 64.3 31.8 95.4





#89
n-Butylbenzene
Concen: 18.405 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

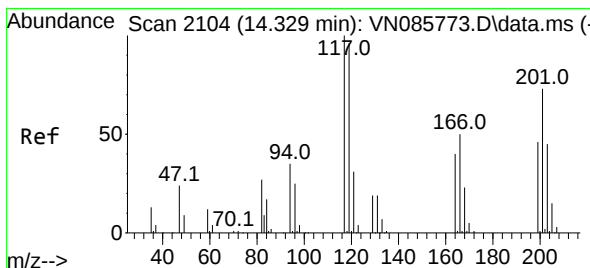
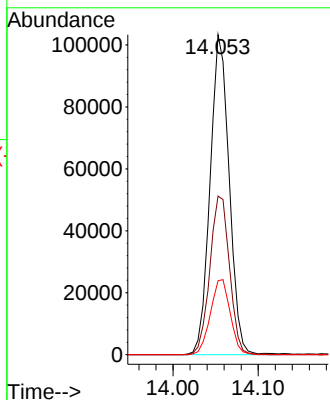
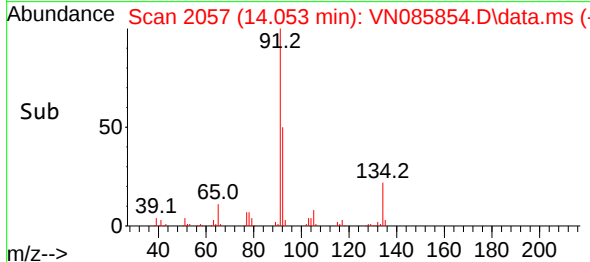
Instrument :
MSVOA_N
ClientSampleId :
VN0225MBS01



Tgt Ion: 91 Resp: 161070
Ion Ratio Lower Upper
91 100
92 51.1 27.1 81.3
134 24.3 12.7 38.1

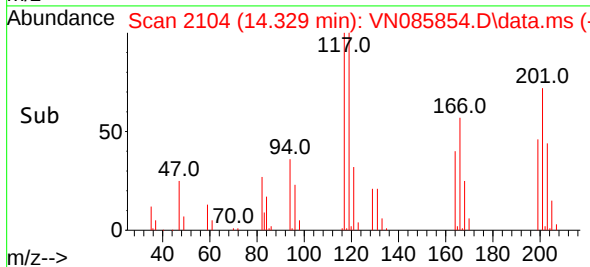
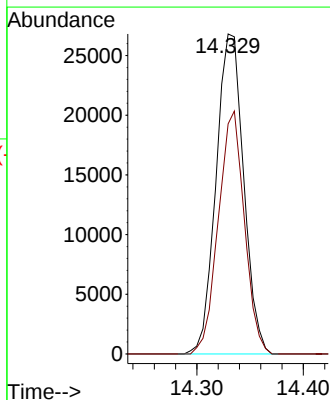
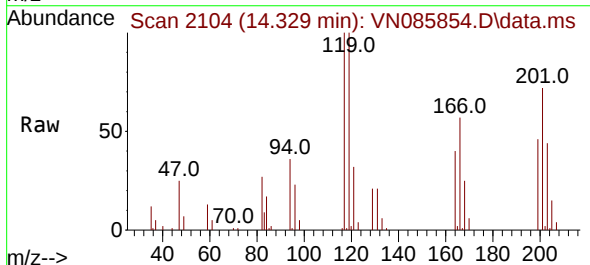
Manual Integrations
APPROVED

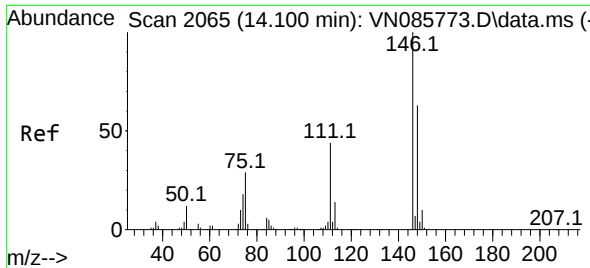
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#90
Hexachloroethane
Concen: 20.671 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

Tgt Ion:117 Resp: 48257
Ion Ratio Lower Upper
117 100
201 71.6 35.6 106.9





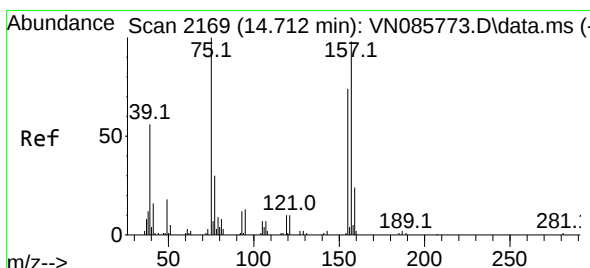
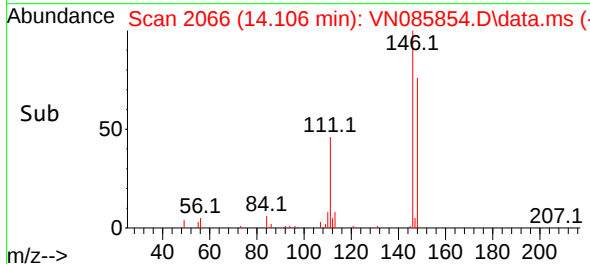
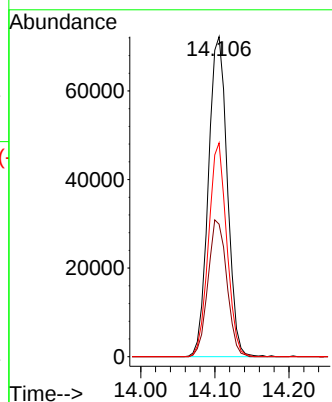
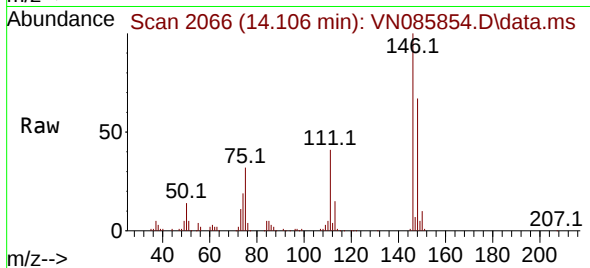
#91
1,2-Dichlorobenzene
Concen: 20.646 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0225MBS01

Tgt Ion:146 Resp: 12799
Ion Ratio Lower Upper
146 100
111 42.6 21.4 64.3
148 64.1 32.0 96.2

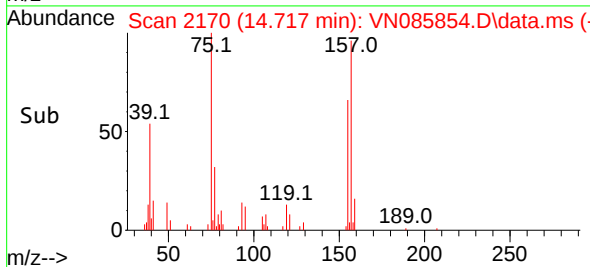
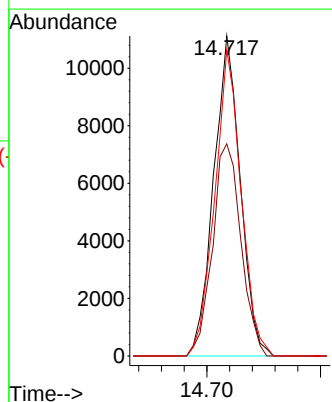
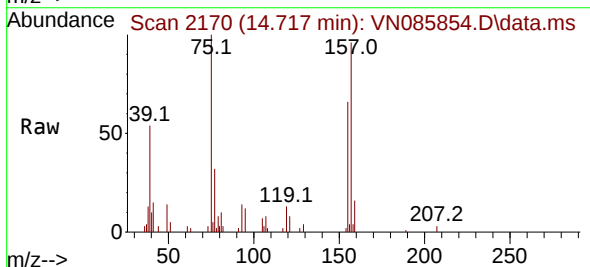
Manual Integrations
APPROVED

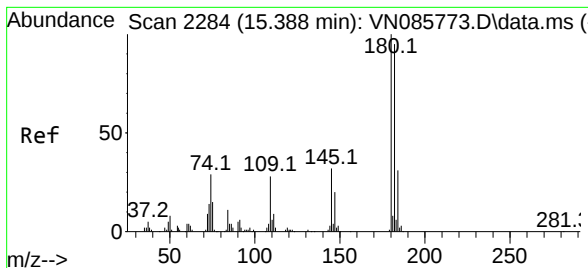
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.470 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

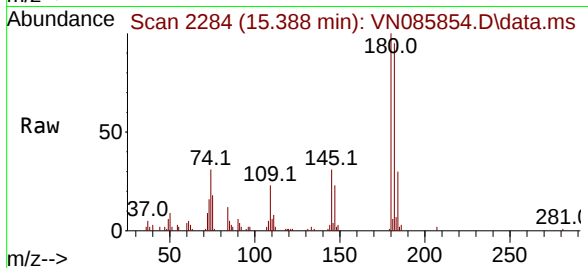
Tgt Ion: 75 Resp: 18084
Ion Ratio Lower Upper
75 100
155 70.9 39.9 119.6
157 94.9 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 18.326 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

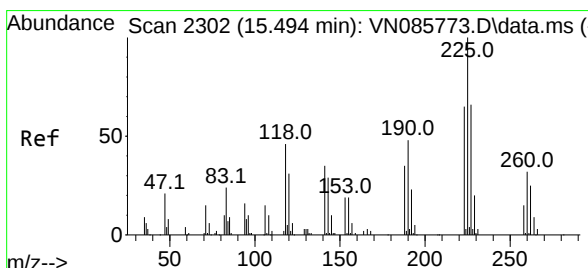
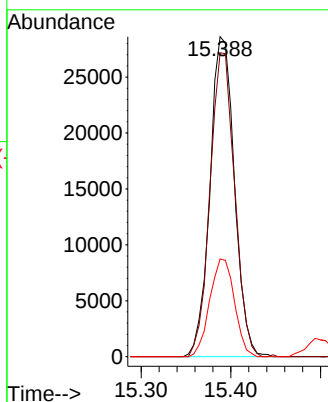
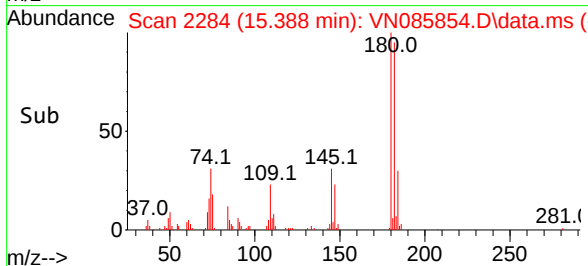
Instrument :
MSVOA_N
ClientSampleId :
VN0225MBS01



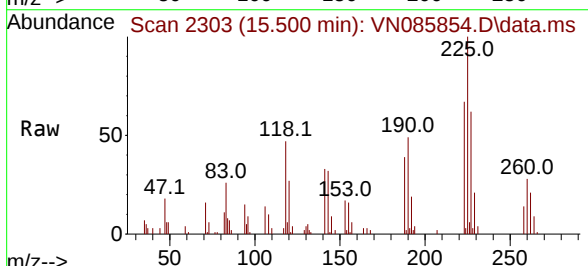
Tgt Ion:180 Resp: 54130
Ion Ratio Lower Upper
180 100
182 95.3 47.3 141.9
145 30.8 16.2 48.5

Manual Integrations
APPROVED

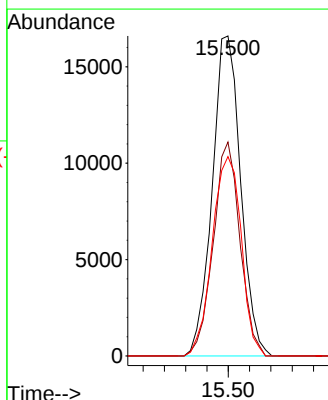
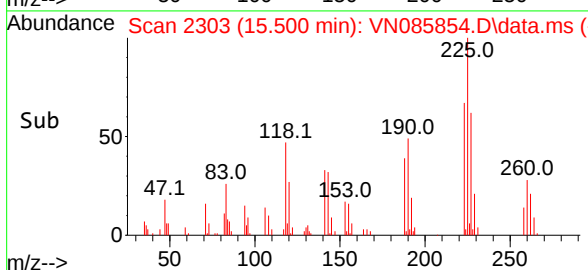
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

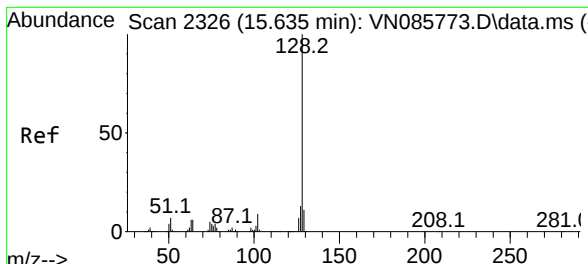


#94
Hexachlorobutadiene
Concen: 17.122 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00



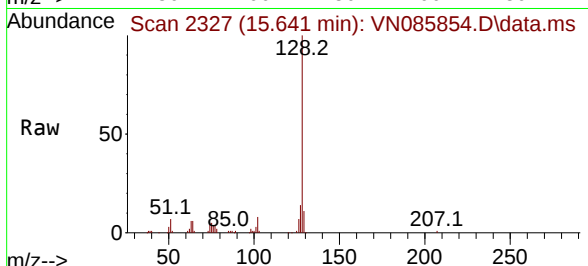
Tgt Ion:225 Resp: 30739
Ion Ratio Lower Upper
225 100
223 62.9 31.9 95.5
227 63.6 32.2 96.6





#95
Naphthalene
Concen: 18.589 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

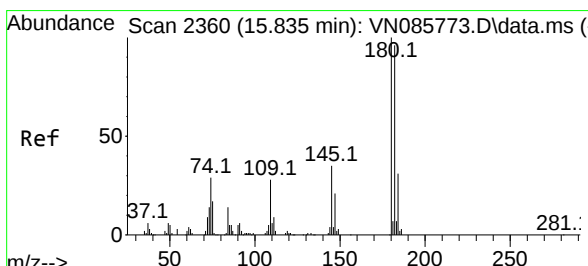
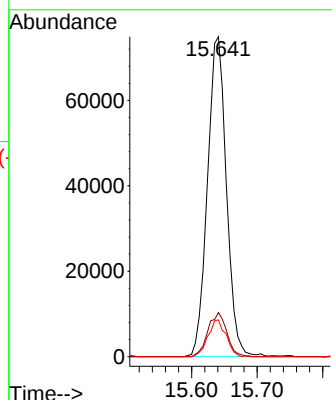
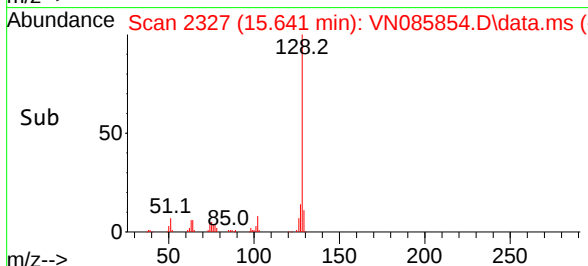
Instrument :
MSVOA_N
ClientSampleId :
VN0225MBS01



Tgt Ion:128 Resp: 150754
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.2
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.662 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN085854.D
Acq: 25 Feb 2025 14:00

Tgt Ion:180 Resp: 55344
Ion Ratio Lower Upper
180 100
182 94.6 47.3 141.8
145 33.4 16.9 50.6

