

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022425\
 Data File : VN085833.D
 Acq On : 24 Feb 2025 13:36
 Operator : JC\MD
 Sample : VN0224WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/25/2025
 Supervised By : Mahesh Dadoda 02/25/2025

Quant Time: Feb 25 01:52:41 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	254490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	420351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	372649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	182403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	161563	48.968	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.940%		
35) Dibromofluoromethane	8.165	113	136434	49.602	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.200%		
50) Toluene-d8	10.565	98	500928	50.056	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.120%		
62) 4-Bromofluorobenzene	12.847	95	171801	52.105	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	104.200%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	67546	19.513	ug/l	100
3) Chloromethane	2.359	50	69293	19.949	ug/l	96
4) Vinyl Chloride	2.512	62	70256	19.103	ug/l	100
5) Bromomethane	2.959	94	44608	18.969	ug/l	95
6) Chloroethane	3.118	64	46079	18.915	ug/l	94
7) Trichlorofluoromethane	3.495	101	102673	19.282	ug/l	94
8) Diethyl Ether	3.959	74	34433	19.985	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	61837	20.090	ug/l	98
10) Methyl Iodide	4.589	142	74336	19.593	ug/l	97
11) Tert butyl alcohol	5.518	59	52556	129.512	ug/l	99
12) 1,1-Dichloroethene	4.342	96	55272	19.805	ug/l	94
13) Acrolein	4.177	56	65668	109.124	ug/l	97
14) Allyl chloride	5.018	41	68902	18.804	ug/l	96
15) Acrylonitrile	5.718	53	155867	118.151	ug/l	98
16) Acetone	4.424	43	120571	115.491	ug/l	93
17) Carbon Disulfide	4.712	76	146999	17.772	ug/l	100
18) Methyl Acetate	5.018	43	84210	23.452	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	173460	20.916	ug/l	98
20) Methylene Chloride	5.277	84	67489	20.102	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	57869	19.257	ug/l	98
22) Diisopropyl ether	6.665	45	176742	21.347	ug/l	96
23) Vinyl Acetate	6.600	43	593068	104.616	ug/l	99
24) 1,1-Dichloroethane	6.571	63	114160	20.283	ug/l	99
25) 2-Butanone	7.477	43	183586	119.531	ug/l	98
26) 2,2-Dichloropropane	7.488	77	97025	19.386	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	68278	19.596	ug/l	97
28) Bromochloromethane	7.812	49	57799	24.985	ug/l	96
29) Tetrahydrofuran	7.835	42	124442	125.472	ug/l	99
30) Chloroform	7.965	83	118725	20.185	ug/l	92
31) Cyclohexane	8.253	56	85444	18.131	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	101538	19.409	ug/l	97
36) 1,1-Dichloropropene	8.371	75	77066	19.797	ug/l	99
37) Ethyl Acetate	7.559	43	75890	23.689	ug/l	98
38) Carbon Tetrachloride	8.359	117	91756	19.837	ug/l	99
39) Methylcyclohexane	9.600	83	69336	18.130	ug/l	95
40) Benzene	8.606	78	255468	20.476	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	37867	22.112	ug/l	94
42) 1,2-Dichloroethane	8.671	62	82936	20.408	ug/l	100
43) Isopropyl Acetate	8.688	43	132861	23.340	ug/l	98
44) Trichloroethene	9.347	130	58457	19.082	ug/l	99
45) 1,2-Dichloropropane	9.618	63	62593	20.784	ug/l	95
46) Dibromomethane	9.706	93	45573	21.453	ug/l	99
47) Bromodichloromethane	9.882	83	94873	20.875	ug/l	100
48) Methyl methacrylate	9.677	41	53084	22.312	ug/l	98
49) 1,4-Dioxane	9.688	88	23894	528.132	ug/l #	97
51) 4-Methyl-2-Pentanone	10.441	43	384206	124.392	ug/l	100
52) Toluene	10.629	92	154597	21.138	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	91440	21.758	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	95689	20.764	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	64471	22.171	ug/l	94
56) Ethyl methacrylate	10.871	69	82880	21.466	ug/l	98
57) 1,3-Dichloropropane	11.159	76	102761	21.169	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	194148	136.927	ug/l	100
59) 2-Hexanone	11.194	43	276584	130.168	ug/l	99
60) Dibromochloromethane	11.359	129	74225	21.921	ug/l	99
61) 1,2-Dibromoethane	11.465	107	60464	22.007	ug/l	98
64) Tetrachloroethene	11.100	164	55733	19.305	ug/l	93
65) Chlorobenzene	11.888	112	169493	19.854	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	64196	20.921	ug/l	99
67) Ethyl Benzene	11.959	91	264854	19.806	ug/l	98
68) m/p-Xylenes	12.070	106	215709	42.466	ug/l	98
69) o-Xylene	12.394	106	98161	20.336	ug/l	99
70) Styrene	12.412	104	170947	20.508	ug/l	99
71) Bromoform	12.576	173	50313	22.067	ug/l #	99
73) Isopropylbenzene	12.694	105	243501	19.486	ug/l	100
74) N-amyl acetate	12.494	43	94407	21.423	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	91358	21.245	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	84006m	20.733	ug/l	
77) Bromobenzene	12.976	156	67340	19.946	ug/l	95
78) n-propylbenzene	13.035	91	294534	20.580	ug/l	100
79) 2-Chlorotoluene	13.123	91	189193	19.786	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	210864	20.715	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	32945	23.724	ug/l	90
82) 4-Chlorotoluene	13.217	91	193783	20.443	ug/l	100
83) tert-Butylbenzene	13.435	119	165247	19.304	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	212701	21.120	ug/l	99
85) sec-Butylbenzene	13.617	105	241530	19.970	ug/l	100
86) p-Isopropyltoluene	13.729	119	197164	19.099	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	126447	19.991	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	125945	19.427	ug/l	100
89) n-Butylbenzene	14.053	91	155594	18.120	ug/l	97
90) Hexachloroethane	14.329	117	44767	19.544	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	122292	20.105	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	16882	21.380	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	53723	18.536	ug/l	98
94) Hexachlorobutadiene	15.500	225	30704	17.431	ug/l	95
95) Naphthalene	15.641	128	153679	19.313	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	55549	19.091	ug/l	100

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QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

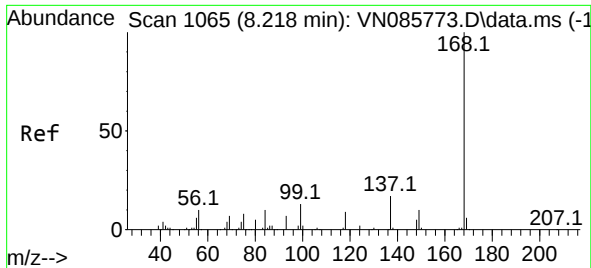
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

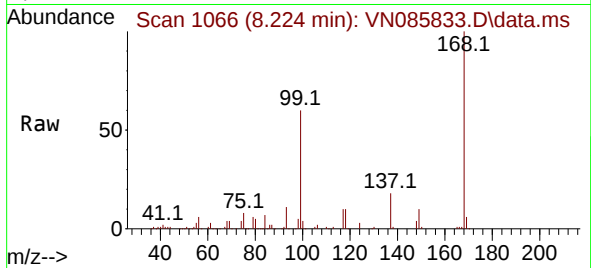
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

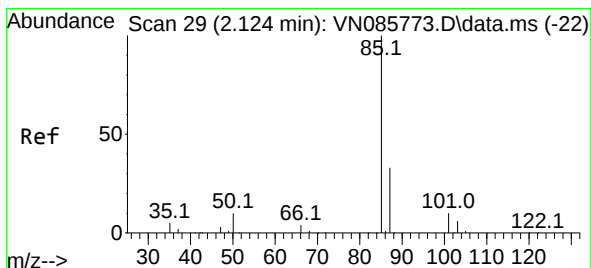
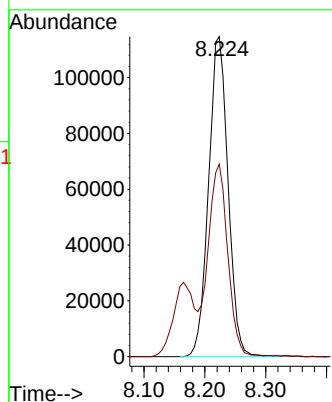
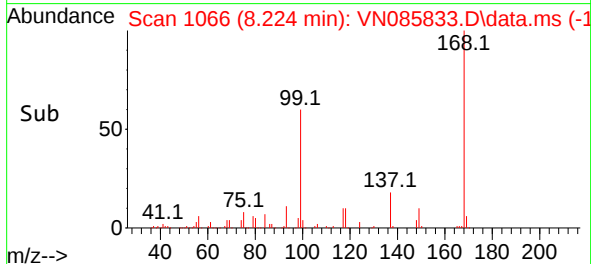
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 254490
Ion Ratio Lower Upper
168 100
99 60.0 47.9 71.9

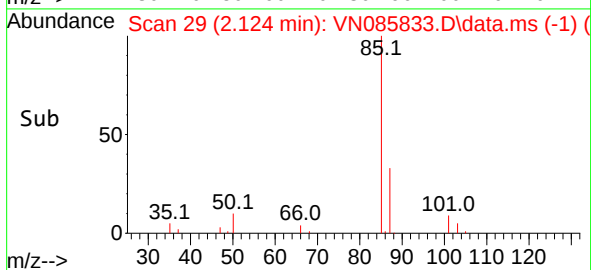
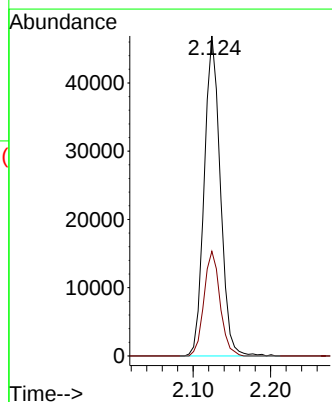
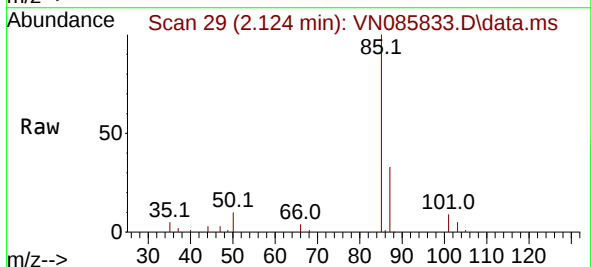
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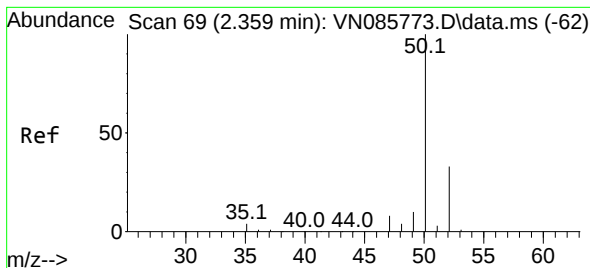
Reviewed By :John Carlone 02/25/2025
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#2
Dichlorodifluoromethane
Concen: 19.513 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

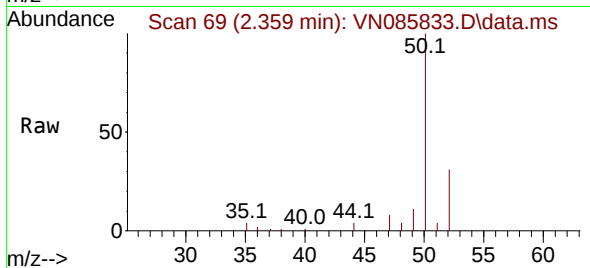
Tgt Ion: 85 Resp: 67546
Ion Ratio Lower Upper
85 100
87 32.7 16.4 49.2





#3
Chloromethane
Concen: 19.949 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

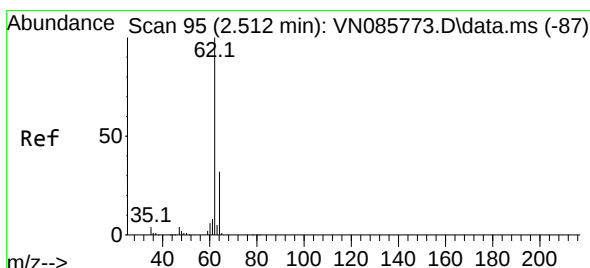
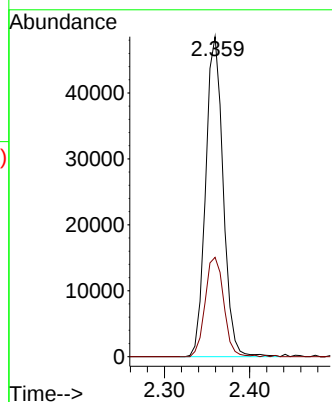
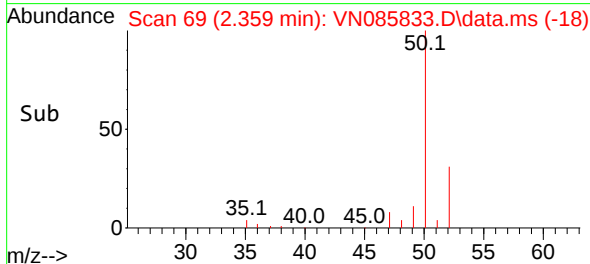
Instrument :
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Tgt Ion: 50 Resp: 6929
Ion Ratio Lower Upper
50 100
52 31.0 26.7 40.1

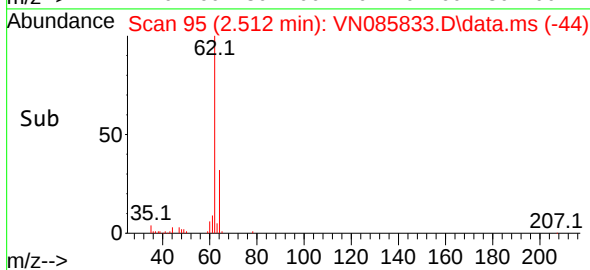
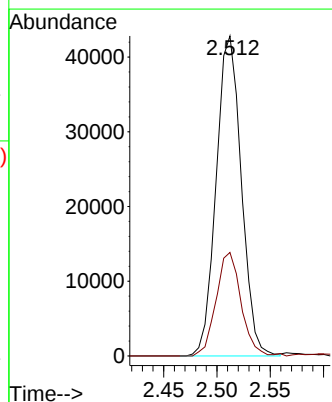
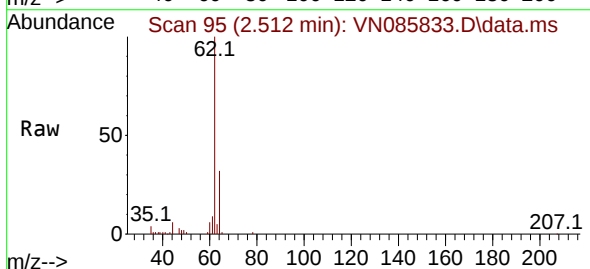
Manual Integrations
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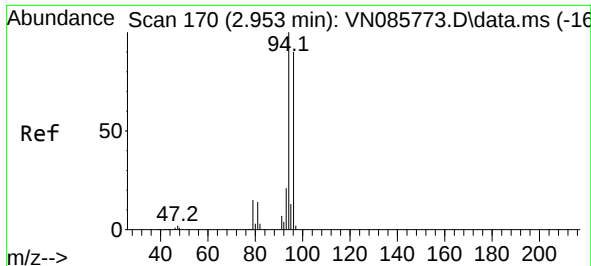
Reviewed By :John Carlone 02/25/2025
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#4
Vinyl Chloride
Concen: 19.103 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

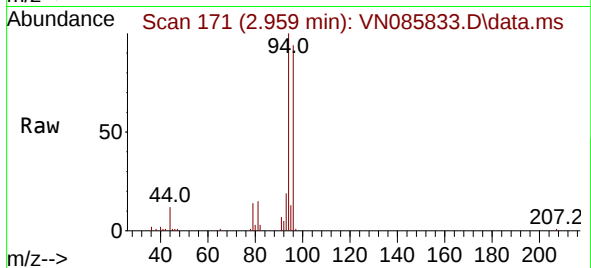
Tgt Ion: 62 Resp: 70256
Ion Ratio Lower Upper
62 100
64 32.4 25.9 38.9





#5
Bromomethane
Concen: 18.969 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

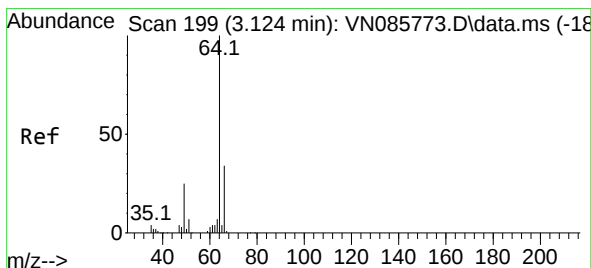
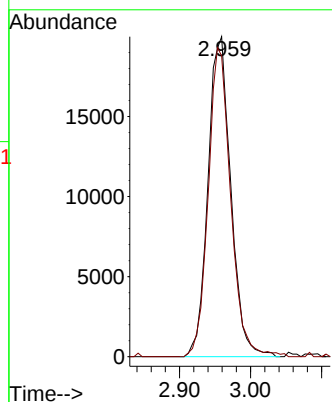
Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 44608
Ion Ratio Lower Upper
94 100
96 94.0 71.7 107.5

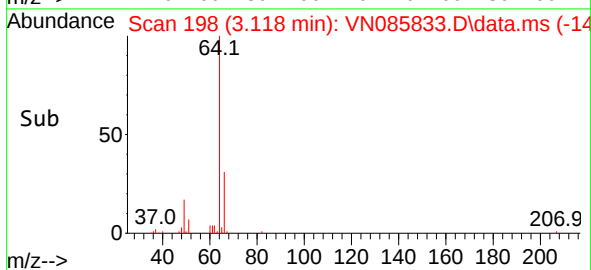
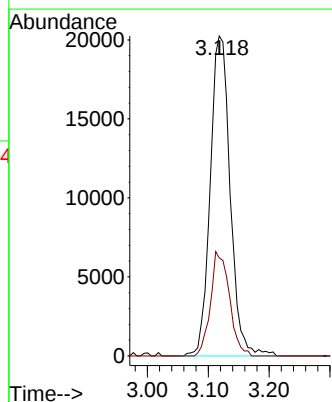
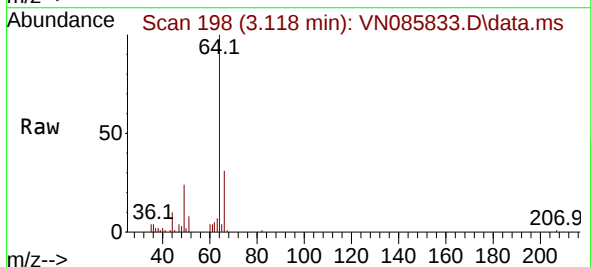
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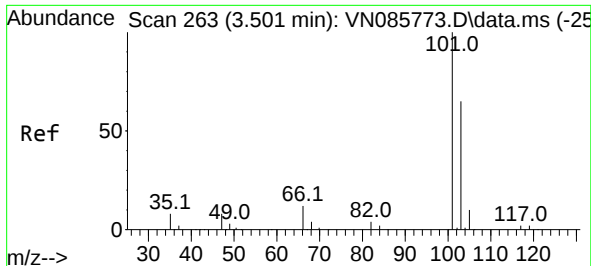
Reviewed By :John Carlone 02/25/2025
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#6
Chloroethane
Concen: 18.915 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

Tgt Ion: 64 Resp: 46079
Ion Ratio Lower Upper
64 100
66 30.6 27.0 40.6





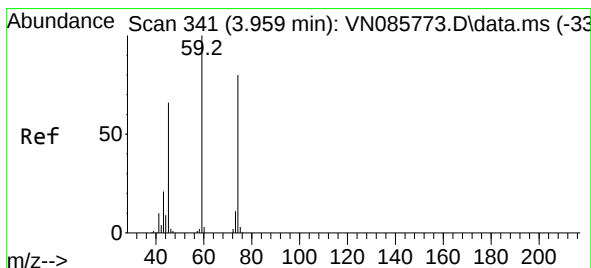
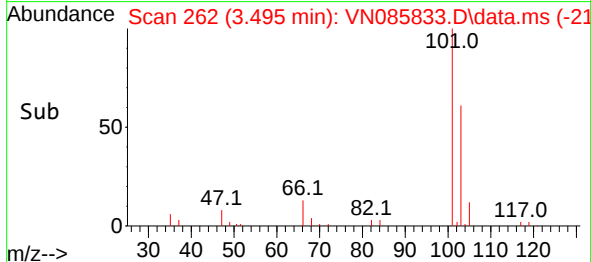
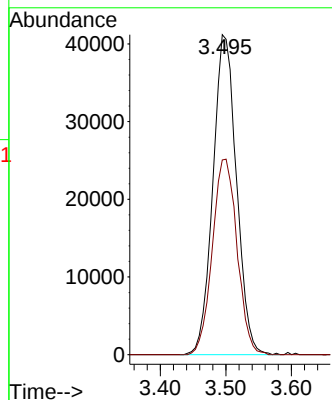
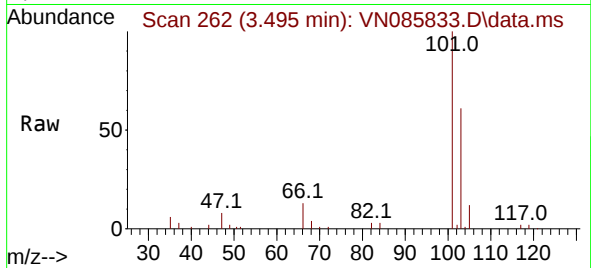
#7
 Trichlorofluoromethane
 Concen: 19.282 ug/l
 RT: 3.495 min Scan# 263
 Delta R.T. -0.006 min
 Lab File: VN085833.D
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Instrument :
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Tgt Ion:101 Resp: 10267
 Ion Ratio Lower Upper
 101 100
 103 60.8 52.2 78.4

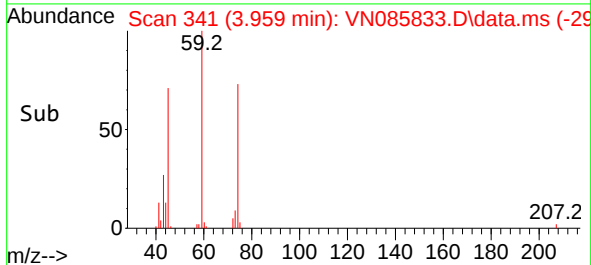
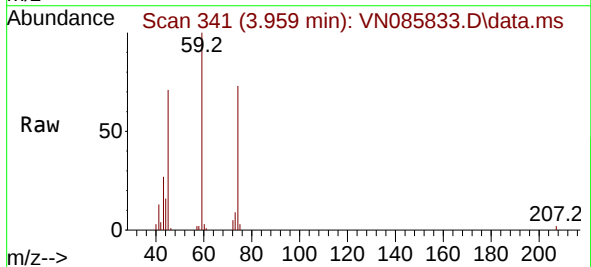
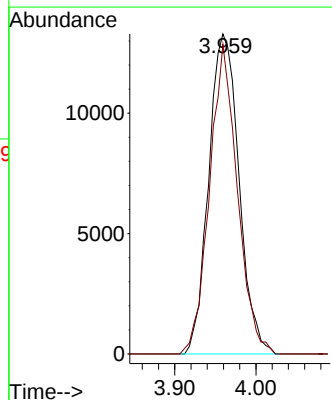
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#8
 Diethyl Ether
 Concen: 19.985 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 34433
 Ion Ratio Lower Upper
 74 100
 45 88.9 42.5 127.6





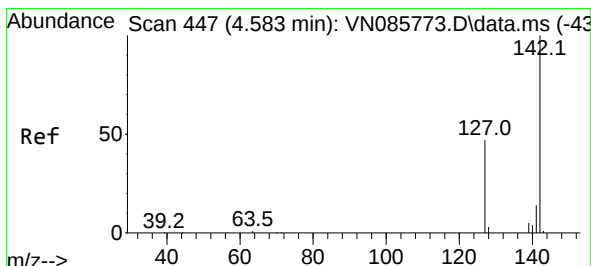
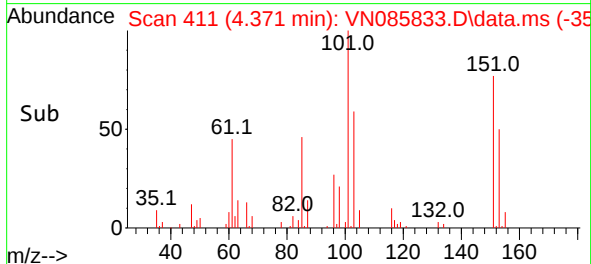
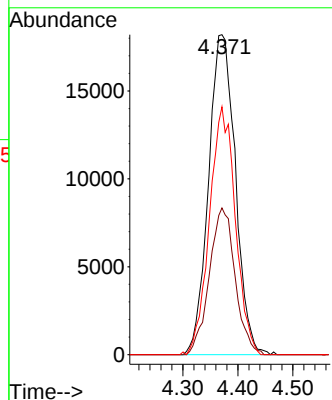
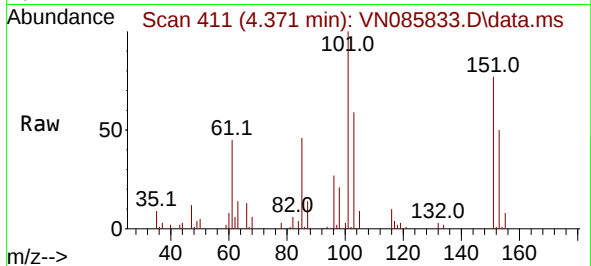
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1,1,2-Trichlorotrifluoroethane
Concen: 20.090 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

Tgt Ion:101 Resp: 6183
Ion Ratio Lower Upper
101 100
85 44.0 35.7 53.5
151 74.6 61.4 92.2

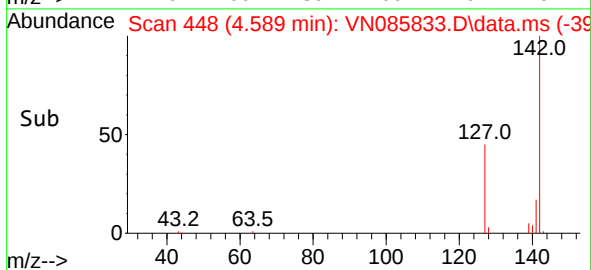
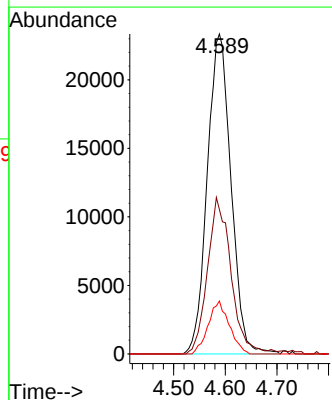
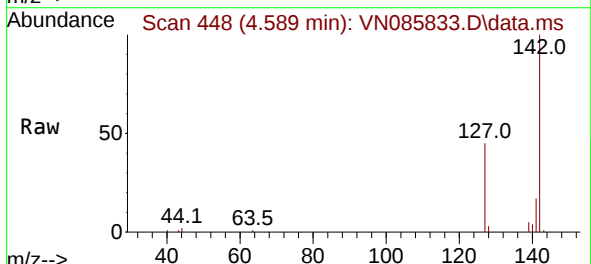
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#10
Methyl Iodide
Concen: 19.593 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

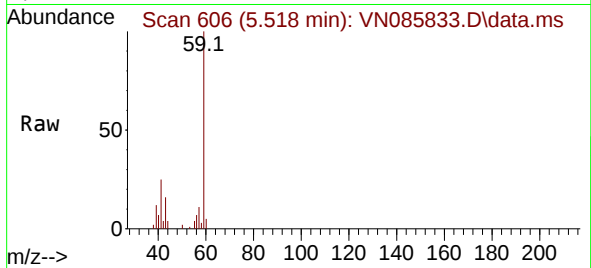
Tgt Ion:142 Resp: 74336
Ion Ratio Lower Upper
142 100
127 45.1 37.6 56.4
141 16.5 11.4 17.2





#11
Tert butyl alcohol
Concen: 129.512 ug/l
RT: 5.518 min Scan# 604
Delta R.T. 0.012 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

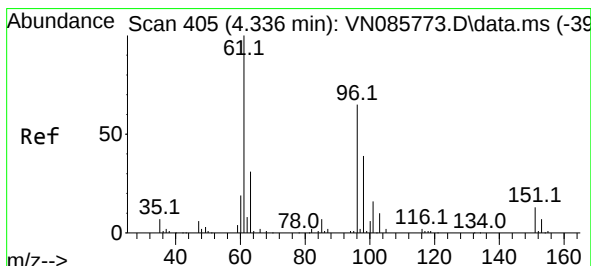
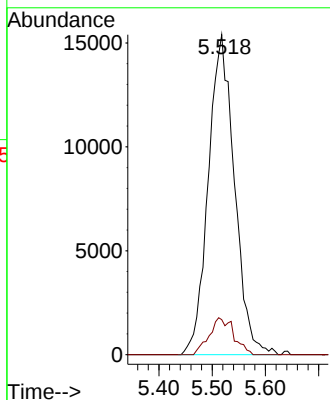
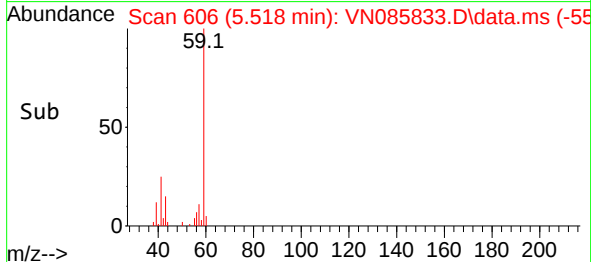
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



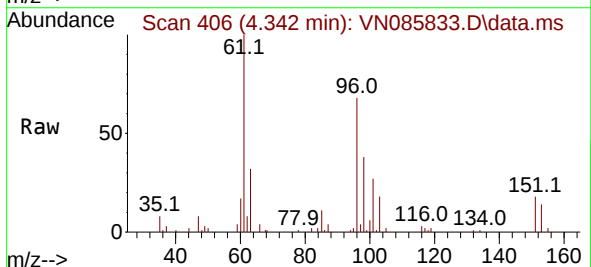
Tgt Ion: 59 Resp: 5255
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5

Manual Integrations
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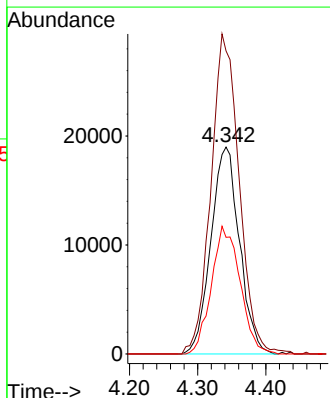
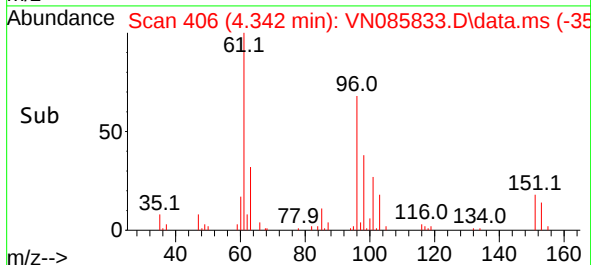
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

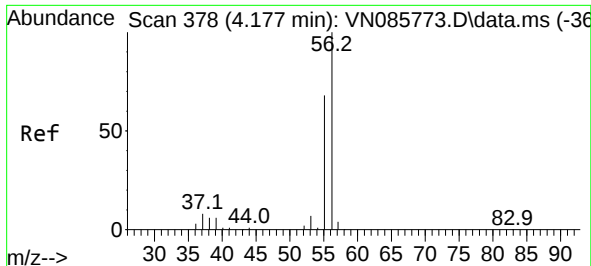


#12
1,1-Dichloroethene
Concen: 19.805 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36



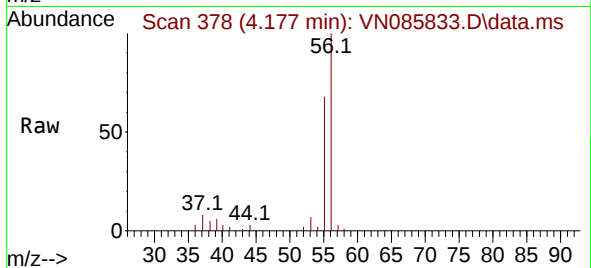
Tgt Ion: 96 Resp: 55272
Ion Ratio Lower Upper
96 100
61 146.5 123.3 184.9
98 56.4 48.6 72.8





#13
Acrolein
Concen: 109.124 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

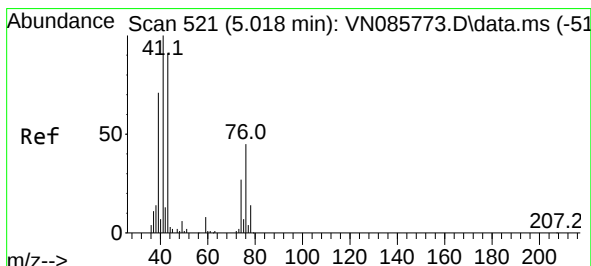
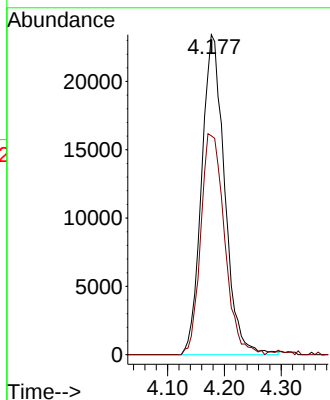
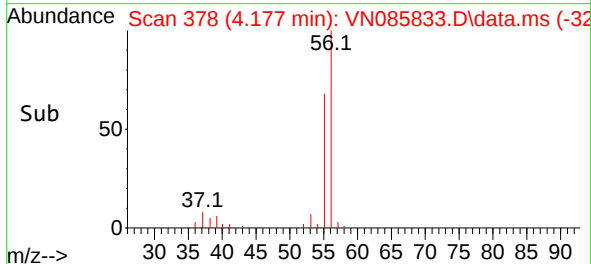
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



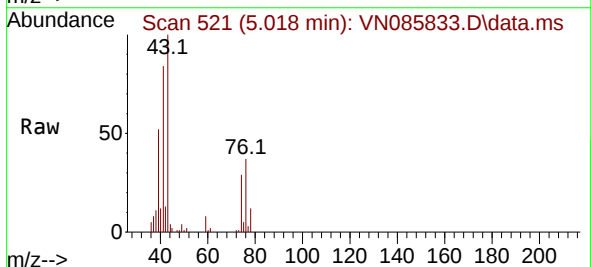
Tgt Ion: 56 Resp: 6566
Ion Ratio Lower Upper
56 100
55 71.6 55.3 82.9

Manual Integrations
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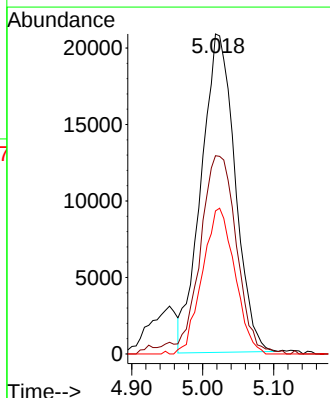
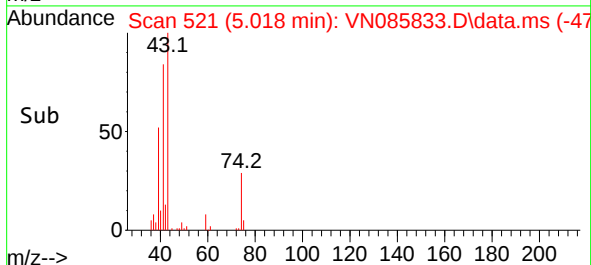
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

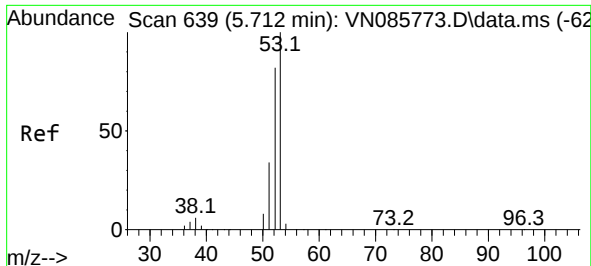


#14
Allyl chloride
Concen: 18.804 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36



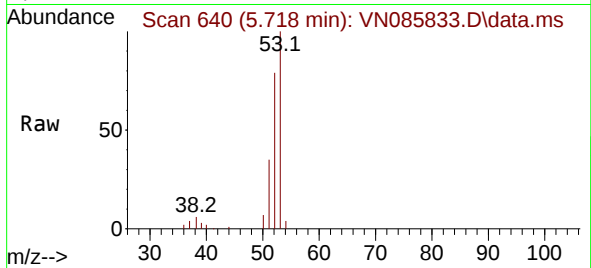
Tgt Ion: 41 Resp: 68902
Ion Ratio Lower Upper
41 100
39 67.4 57.4 86.2
76 43.9 36.2 54.2





#15
Acrylonitrile
Concen: 118.151 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

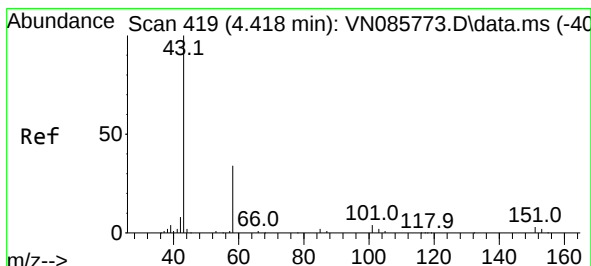
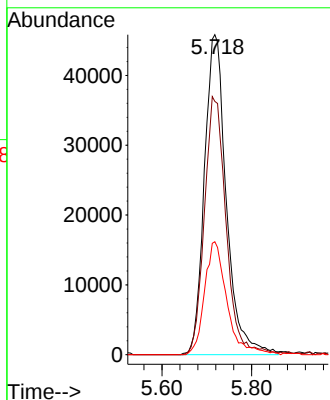
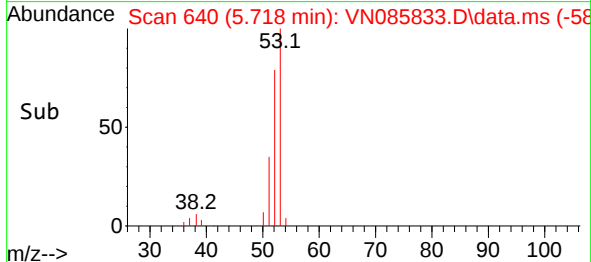
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



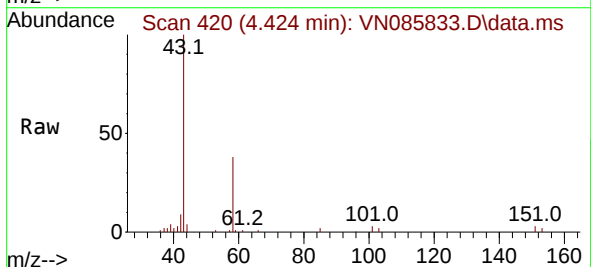
Tgt Ion: 53 Resp: 15586
Ion Ratio Lower Upper
53 100
52 79.8 65.8 98.6
51 36.0 28.6 42.8

Manual Integrations
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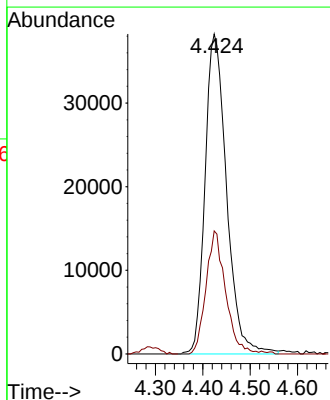
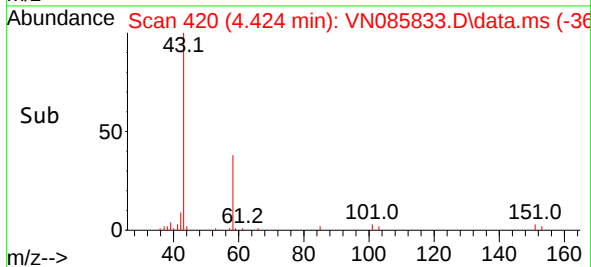
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

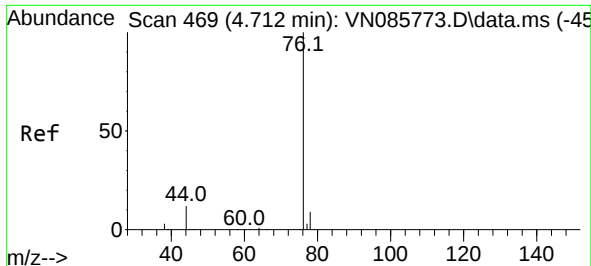


#16
Acetone
Concen: 115.491 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36



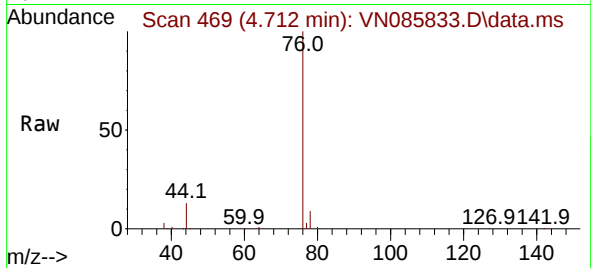
Tgt Ion: 43 Resp: 120571
Ion Ratio Lower Upper
43 100
58 38.4 27.5 41.3





#17
Carbon Disulfide
Concen: 17.772 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

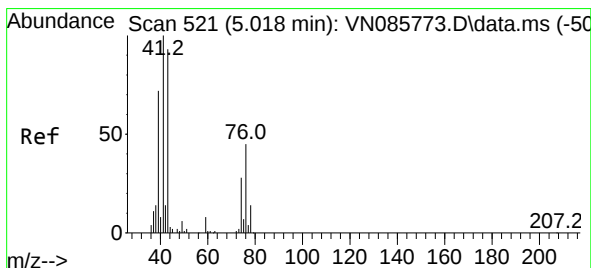
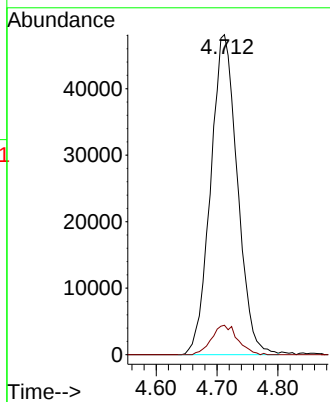
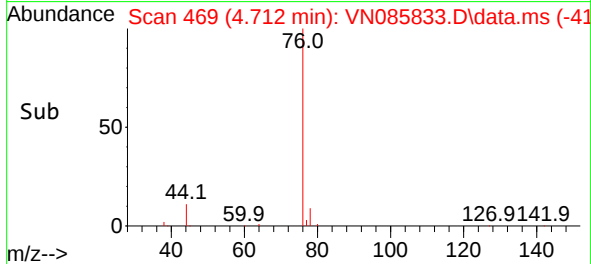
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



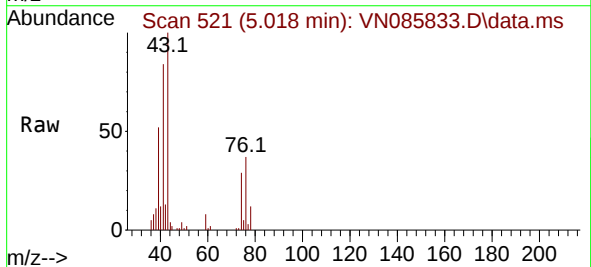
Tgt Ion: 76 Resp: 146999
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

Manual Integrations
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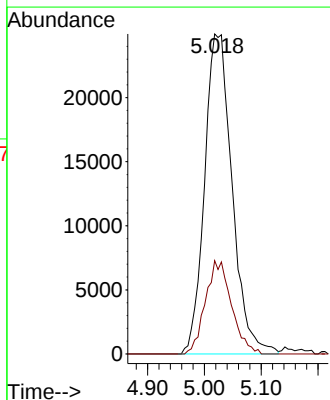
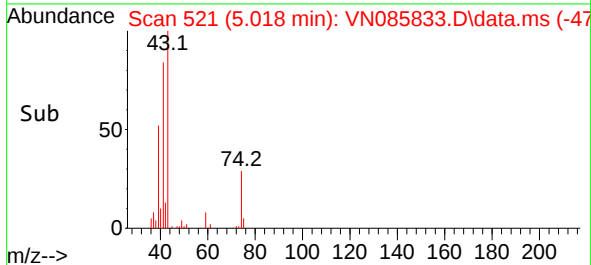
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#18
Methyl Acetate
Concen: 23.452 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36



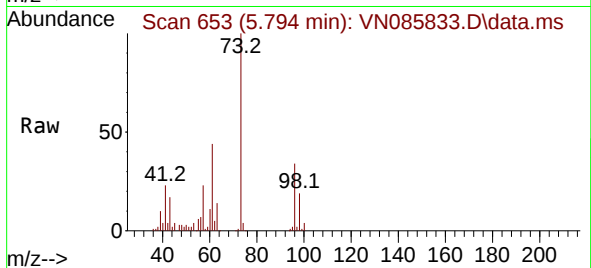
Tgt Ion: 43 Resp: 84210
Ion Ratio Lower Upper
43 100
74 27.5 22.2 33.4





#19
Methyl tert-butyl Ether
Concen: 20.916 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

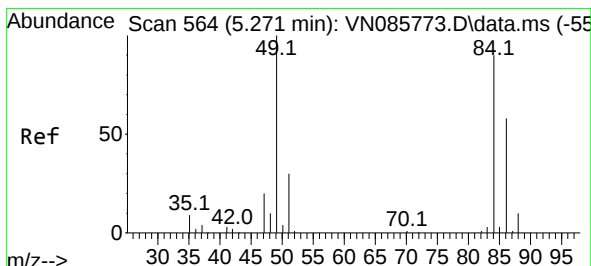
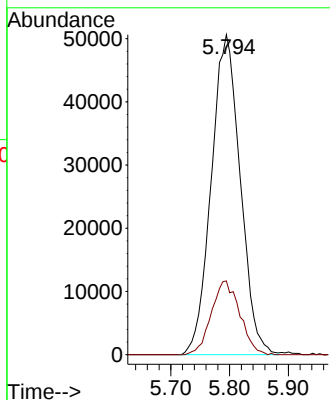
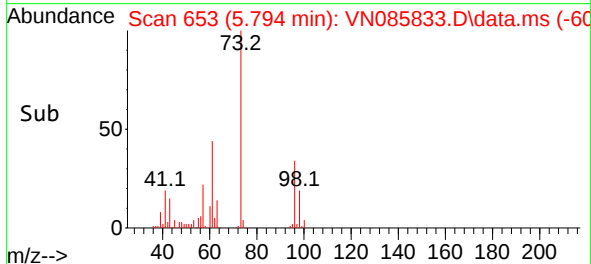
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



Tgt Ion: 73 Resp: 173460
Ion Ratio Lower Upper
73 100
57 23.1 17.6 26.4

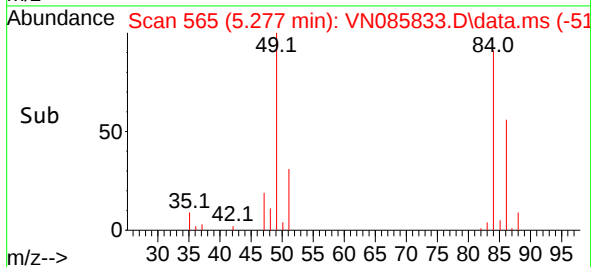
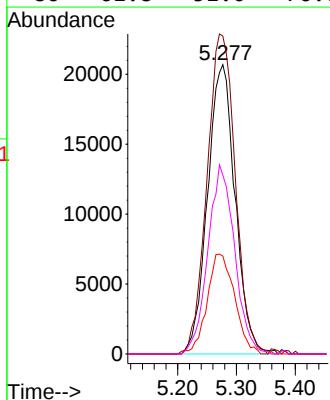
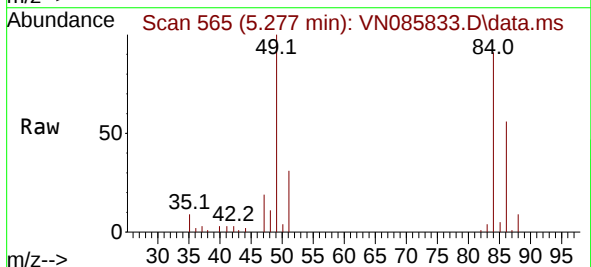
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#20
Methylene Chloride
Concen: 20.102 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

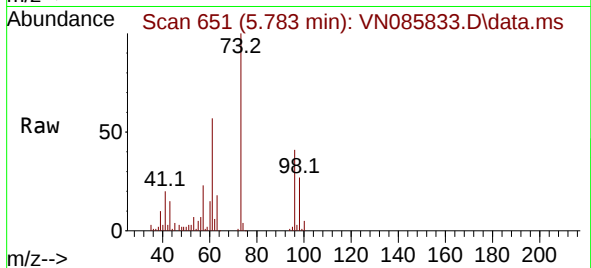
Tgt Ion: 84 Resp: 67489
Ion Ratio Lower Upper
84 100
49 109.9 88.4 132.6
51 33.8 26.6 40.0
86 61.8 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 19.257 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

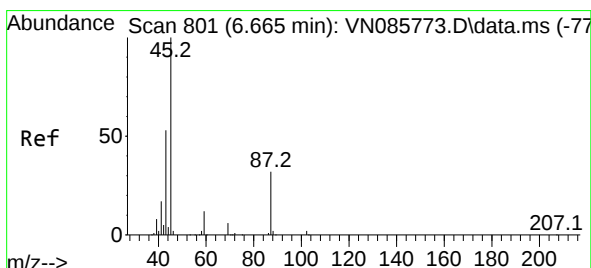
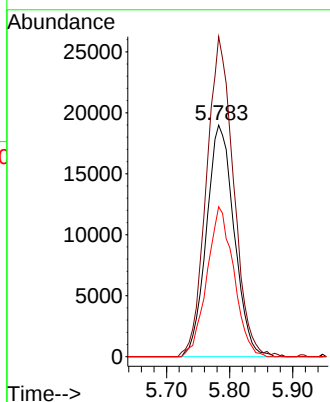
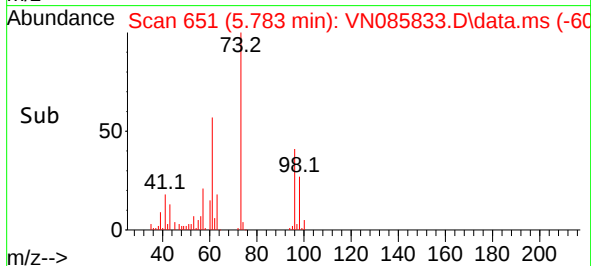
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



Tgt Ion: 96 Resp: 57869
Ion Ratio Lower Upper
96 100
61 138.2 112.6 168.8
98 64.8 53.3 79.9

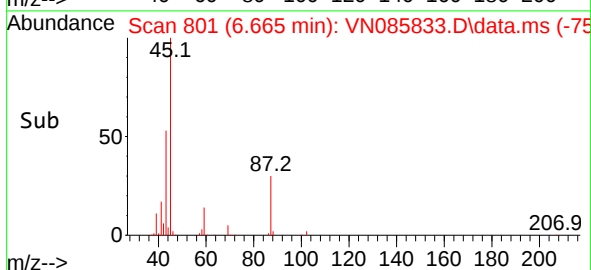
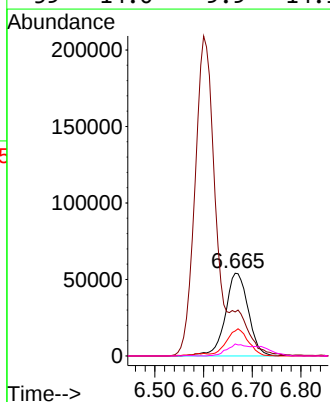
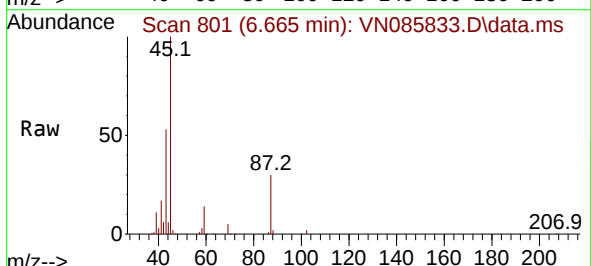
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#22
Diisopropyl ether
Concen: 21.347 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

Tgt Ion: 45 Resp: 176742
Ion Ratio Lower Upper
45 100
43 50.5 42.6 64.0
87 30.2 25.8 38.8
59 14.0 9.9 14.9





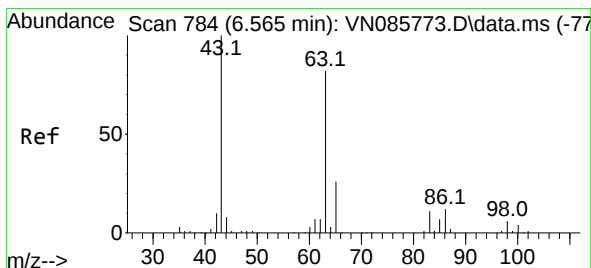
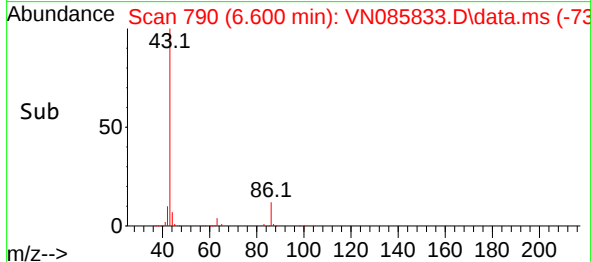
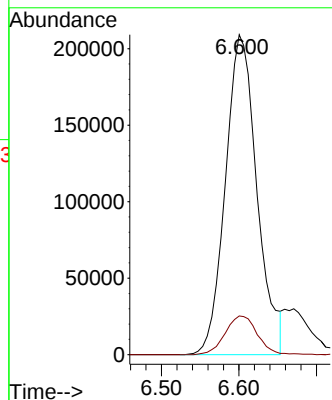
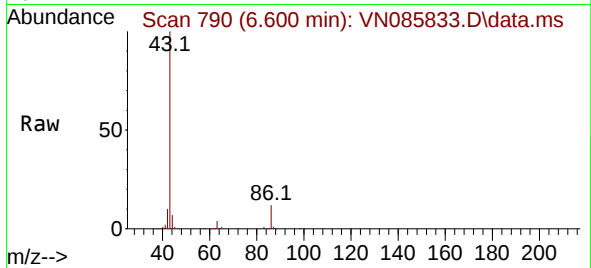
#23
 Vinyl Acetate
 Concen: 104.616 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085833.D
 Acq: 24 Feb 2025 13:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBSD01

Tgt Ion: 43 Resp: 593068
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.8 14.8

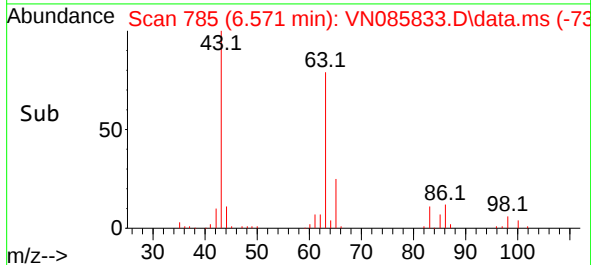
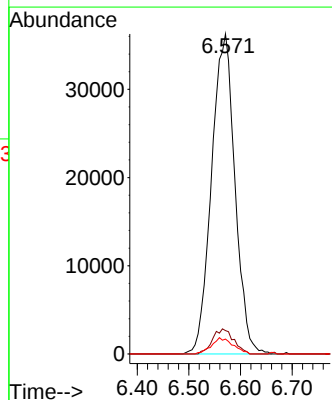
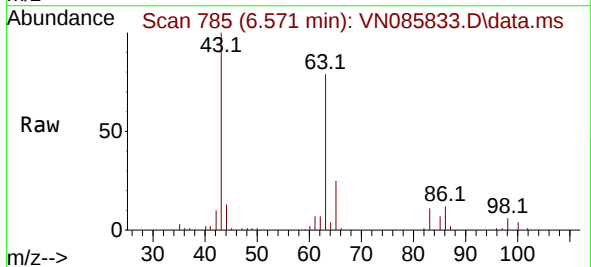
Manual Integrations
 APPROVED

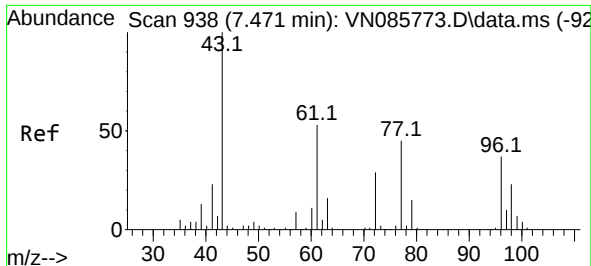
Reviewed By :John Carlone 02/25/2025
 Supervised By :Mahesh Dadoda 02/25/2025



#24
 1,1-Dichloroethane
 Concen: 20.283 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN085833.D
 Acq: 24 Feb 2025 13:36

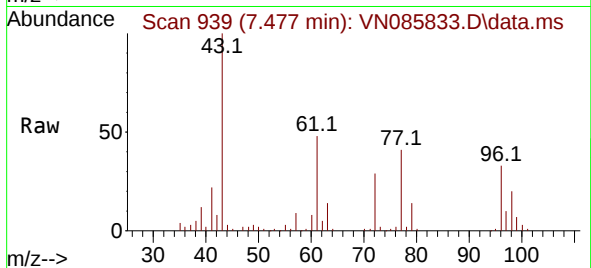
Tgt Ion: 63 Resp: 114160
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.4
 100 4.6 2.4 7.2





#25
2-Butanone
Concen: 119.531 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

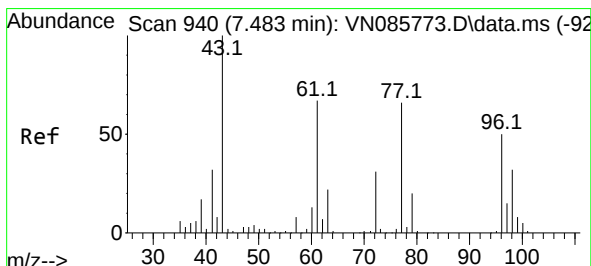
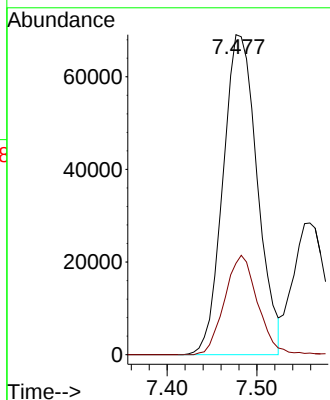
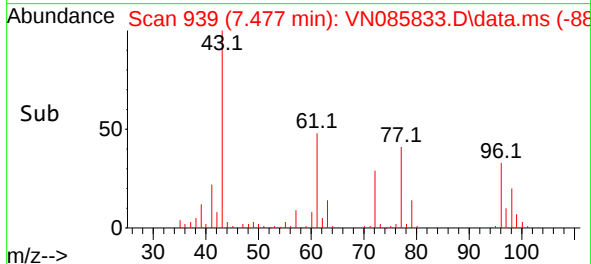
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



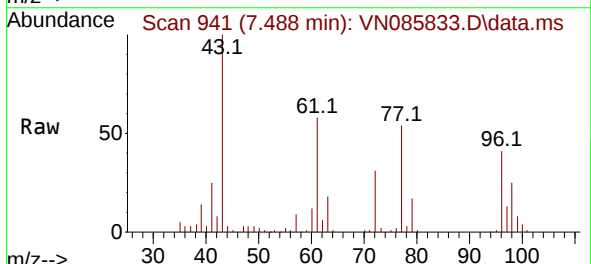
Tgt Ion: 43 Resp: 183586
Ion Ratio Lower Upper
43 100
72 28.5 23.6 35.4

Manual Integrations
APPROVED

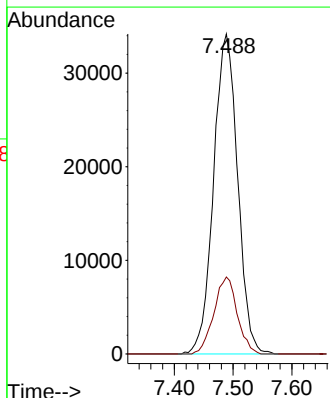
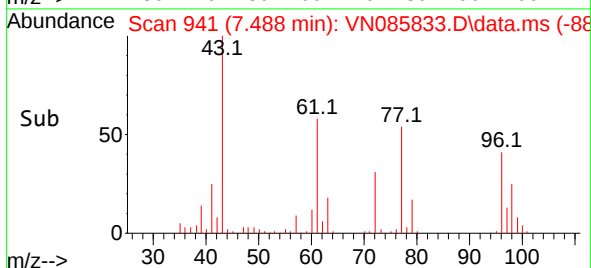
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#26
2,2-Dichloropropane
Concen: 19.386 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36



Tgt Ion: 77 Resp: 97025
Ion Ratio Lower Upper
77 100
97 23.3 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 19.596 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN085833.D

Acq: 24 Feb 2025 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBSD01

Tgt Ion: 96 Resp: 68278

Ion Ratio Lower Upper

96 100

61 144.5 0.0 280.6

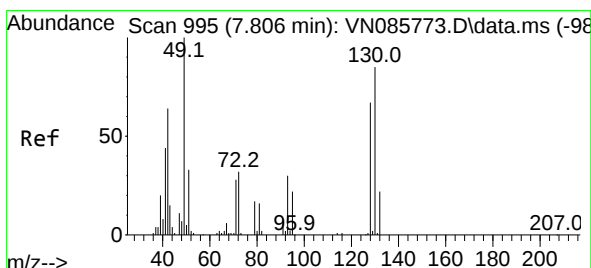
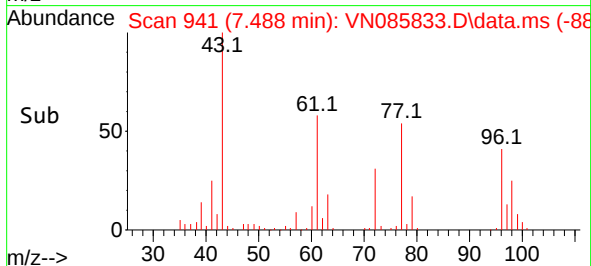
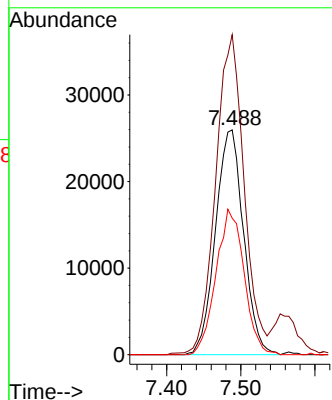
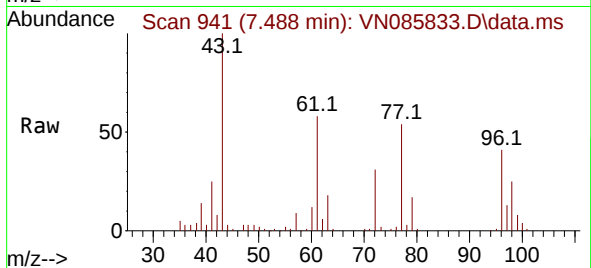
98 64.8 0.0 128.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#28

Bromochloromethane

Concen: 24.985 ug/l

RT: 7.812 min Scan# 996

Delta R.T. 0.006 min

Lab File: VN085833.D

Acq: 24 Feb 2025 13:36

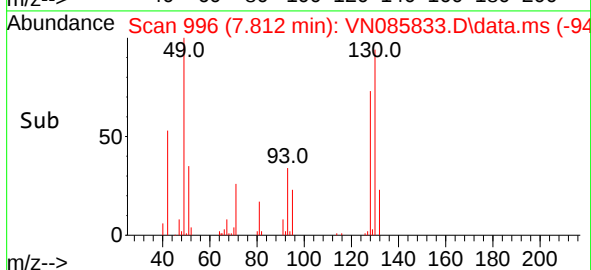
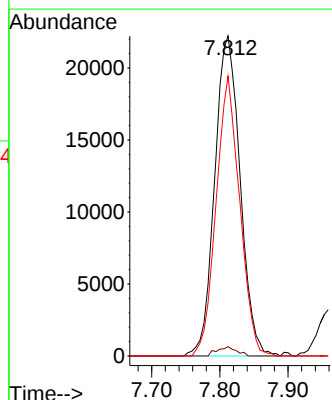
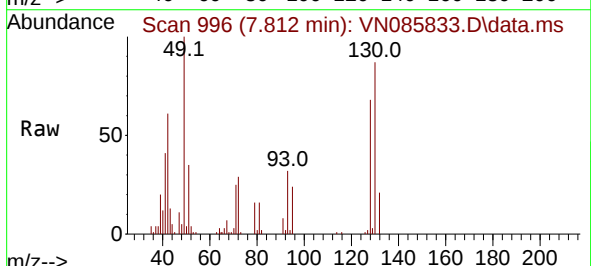
Tgt Ion: 49 Resp: 57799

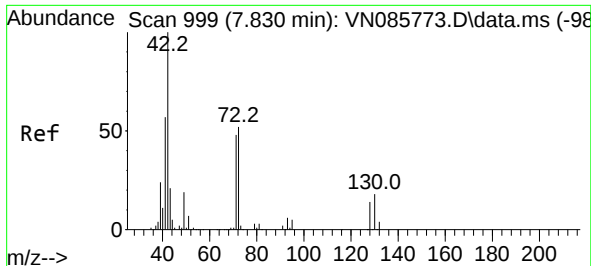
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

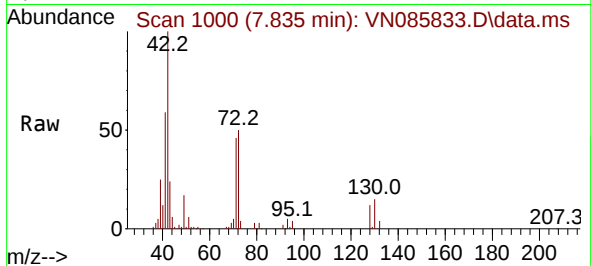
130 81.1 68.0 102.0





#29
Tetrahydrofuran
Concen: 125.472 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

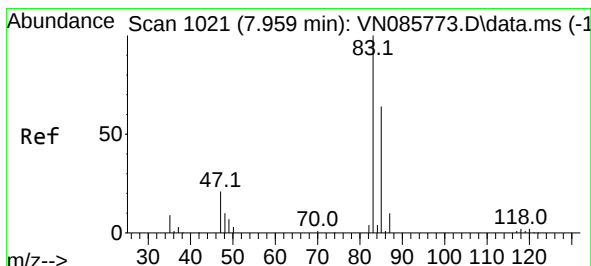
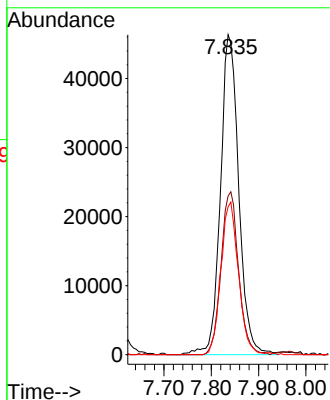
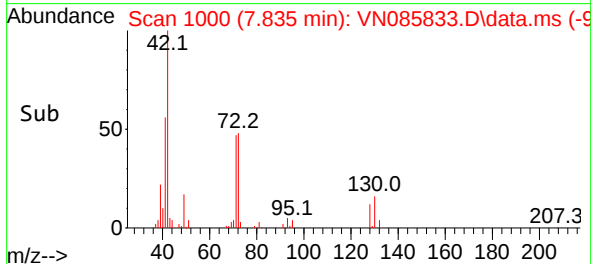
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



Tgt Ion: 42 Resp: 12444
Ion Ratio Lower Upper
42 100
72 48.9 40.0 60.0
71 45.7 37.0 55.4

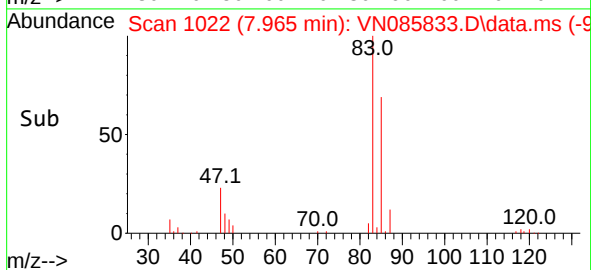
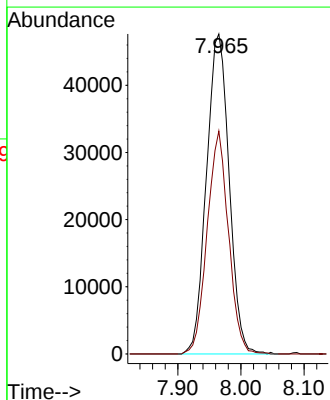
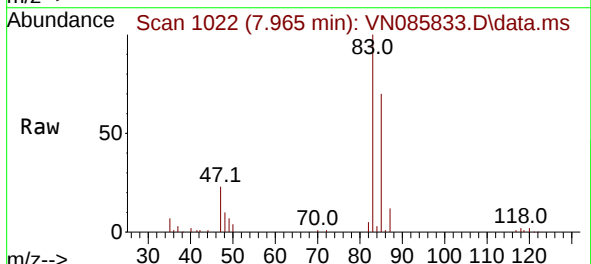
Manual Integrations
APPROVED

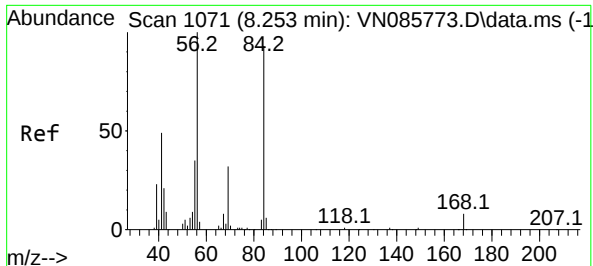
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#30
Chloroform
Concen: 20.185 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

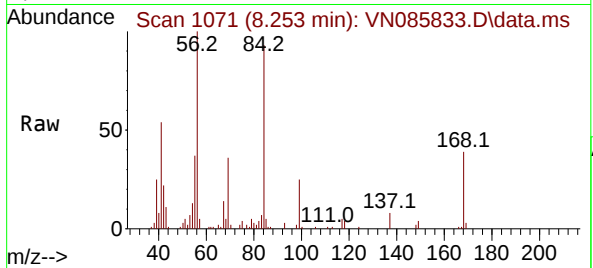
Tgt Ion: 83 Resp: 118725
Ion Ratio Lower Upper
83 100
85 69.7 50.9 76.3





#31
Cyclohexane
Concen: 18.131 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

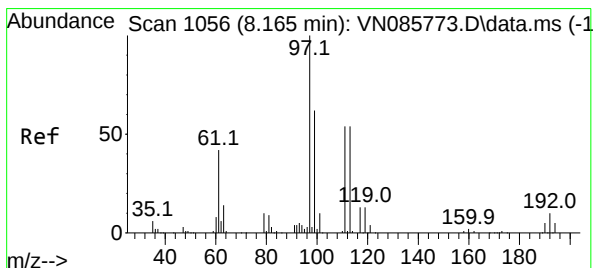
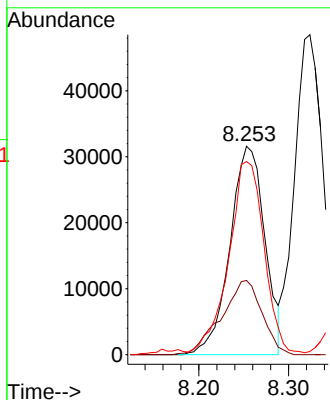
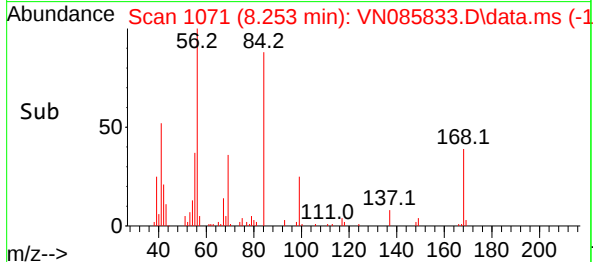
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



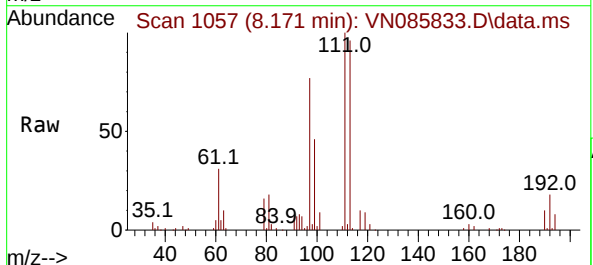
Tgt Ion: 56 Resp: 8544
Ion Ratio Lower Upper
56 100
69 35.1 25.8 38.6
84 90.1 74.5 111.7

Manual Integrations
APPROVED

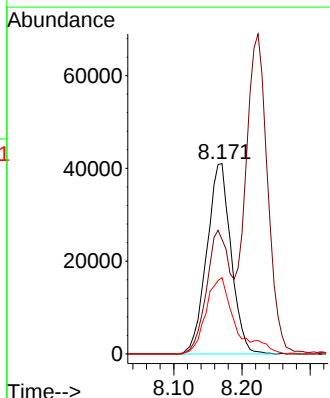
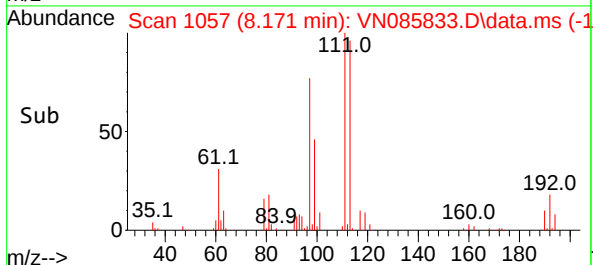
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#32
1,1,1-Trichloroethane
Concen: 19.409 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36



Tgt Ion: 97 Resp: 101538
Ion Ratio Lower Upper
97 100
99 63.4 50.4 75.6
61 48.0 35.5 53.3





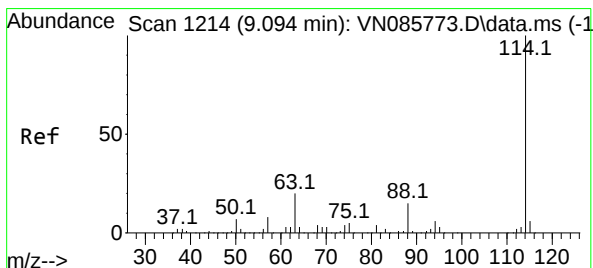
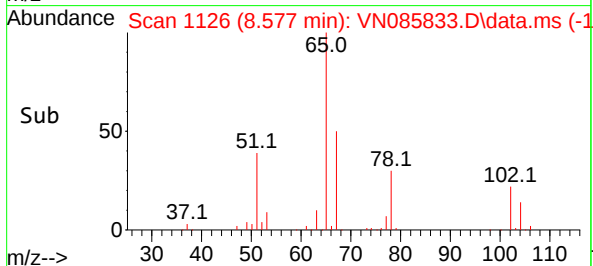
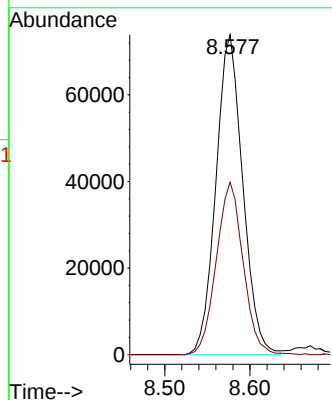
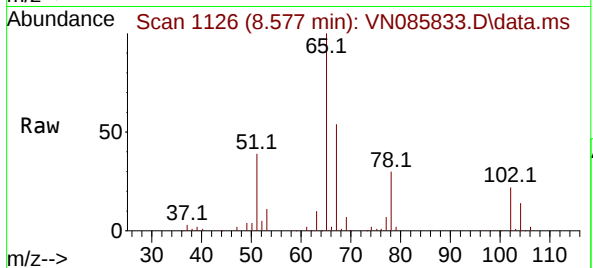
#33
1,2-Dichloroethane-d4
Concen: 48.968 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

Tgt Ion: 65 Resp: 16156
Ion Ratio Lower Upper
65 100
67 53.9 0.0 106.2

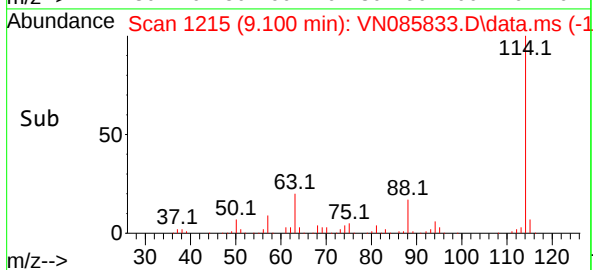
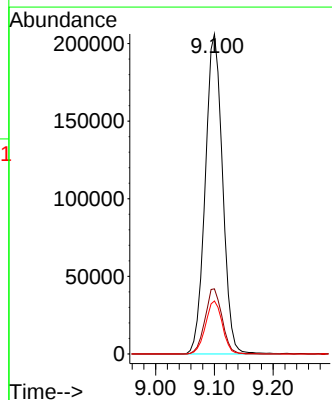
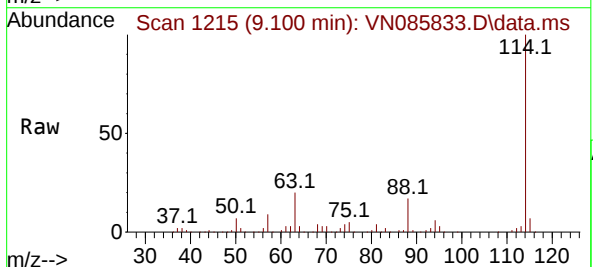
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

Tgt Ion:114 Resp: 420351
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.2
88 16.6 0.0 30.0





#35

Dibromofluoromethane

Concen: 49.602 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085833.D

Acq: 24 Feb 2025 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBSD01

Tgt Ion: 113 Resp: 136434

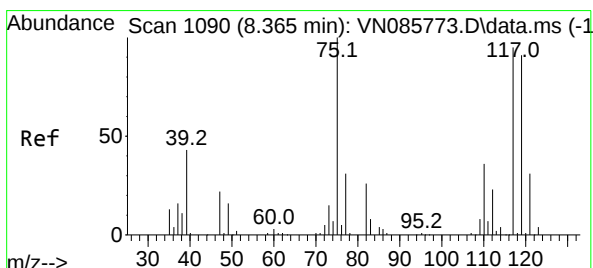
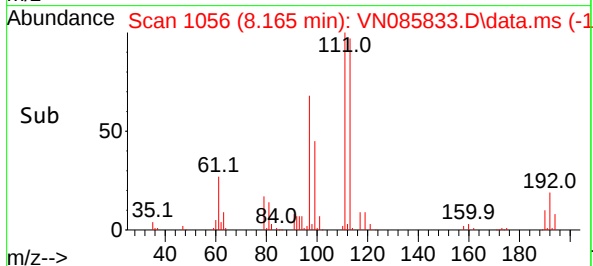
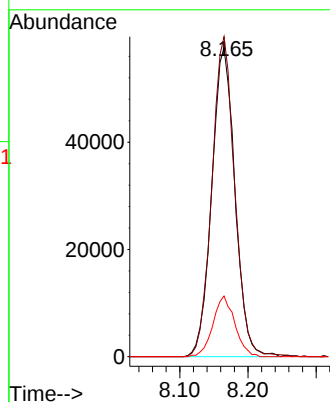
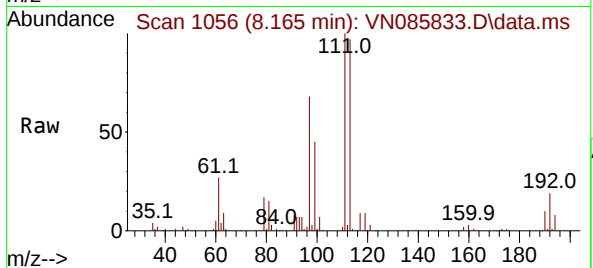
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.4
192	18.6	14.7	22.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#36

1,1-Dichloropropene

Concen: 19.797 ug/l

RT: 8.371 min Scan# 1091

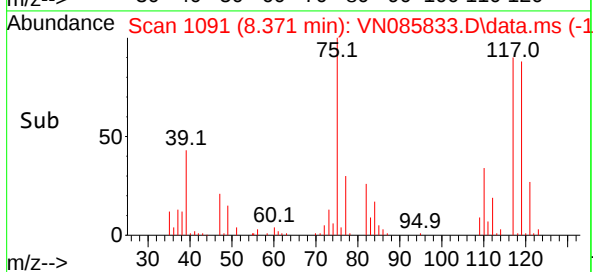
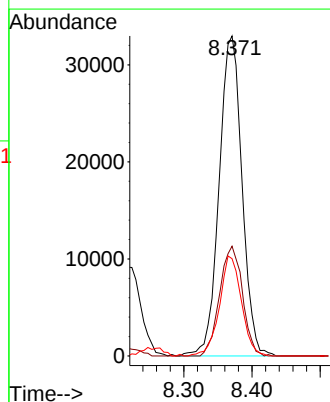
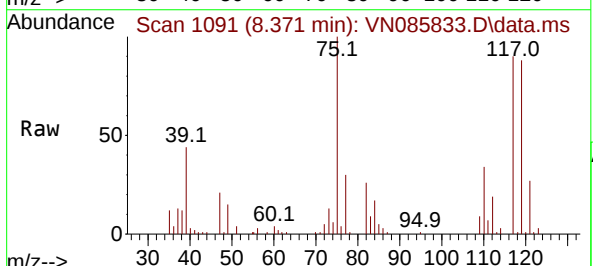
Delta R.T. 0.006 min

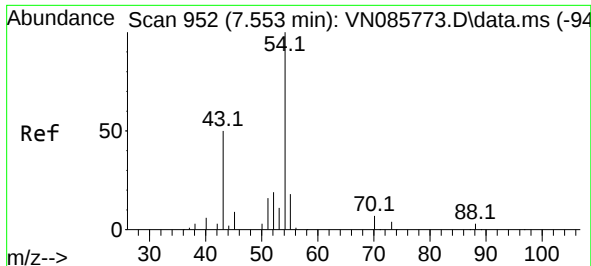
Lab File: VN085833.D

Acq: 24 Feb 2025 13:36

Tgt Ion: 75 Resp: 77066

Ion	Ratio	Lower	Upper
75	100		
110	34.2	17.3	52.0
77	30.0	24.6	37.0





#37

Ethyl Acetate

Concen: 23.689 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN085833.D

Acq: 24 Feb 2025 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBSD01

Tgt Ion: 43 Resp: 75890

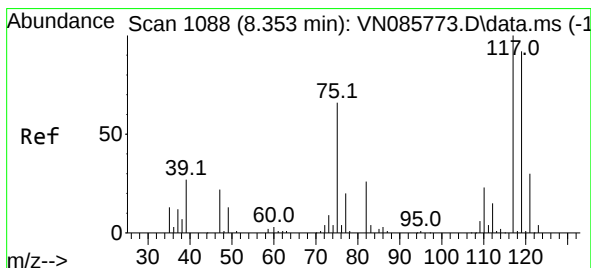
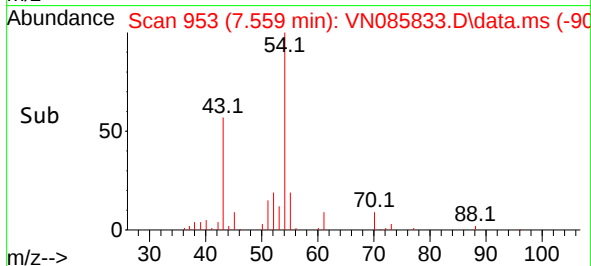
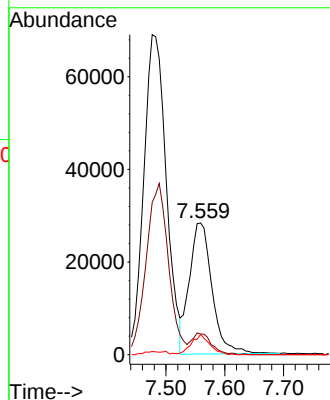
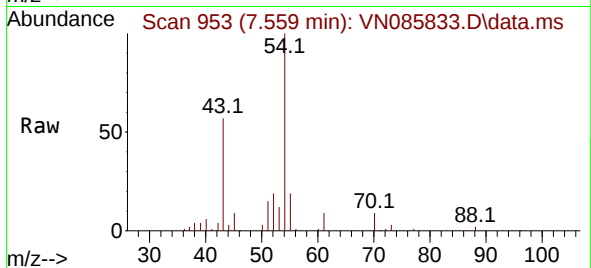
Ion	Ratio	Lower	Upper
43	100		
61	14.3	12.2	18.2
70	12.4	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#38

Carbon Tetrachloride

Concen: 19.837 ug/l

RT: 8.359 min Scan# 1089

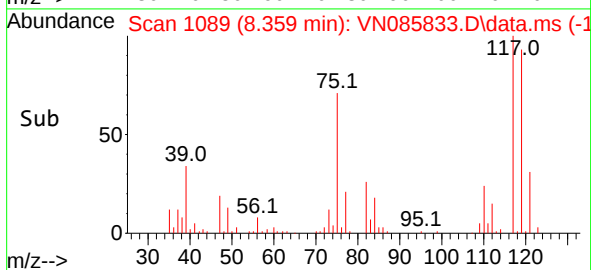
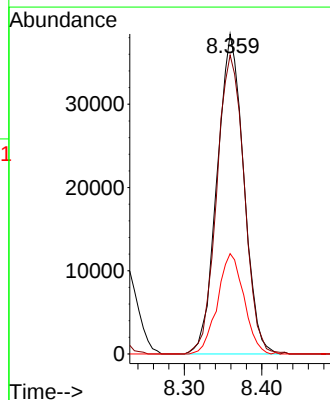
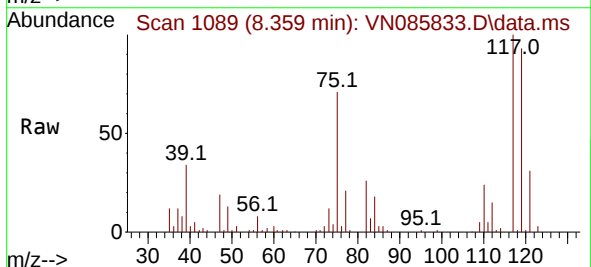
Delta R.T. 0.006 min

Lab File: VN085833.D

Acq: 24 Feb 2025 13:36

Tgt Ion:117 Resp: 91756

Ion	Ratio	Lower	Upper
117	100		
119	93.4	73.8	110.6
121	31.4	24.3	36.5





#39
Methylcyclohexane
Concen: 18.130 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBSD01

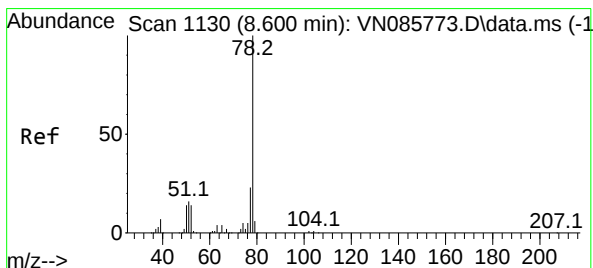
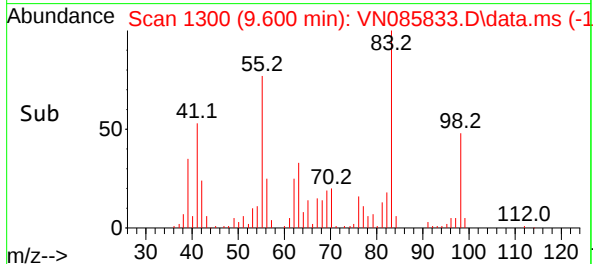
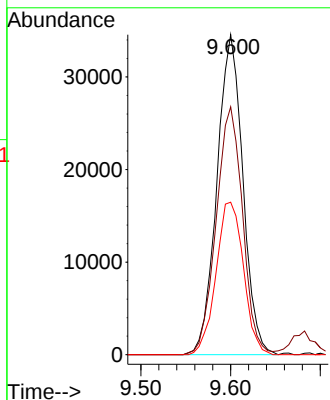
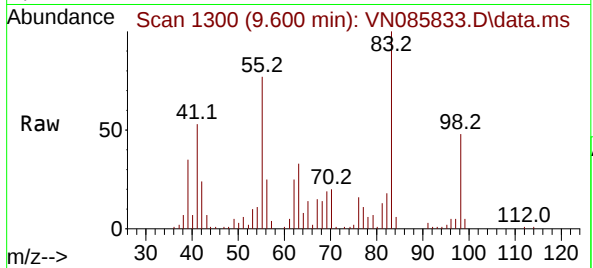
Tgt Ion: 83 Resp: 69330
Ion Ratio Lower Upper
83 100
55 77.4 57.5 86.3
98 47.7 39.2 58.8

Manual Integrations

APPROVED

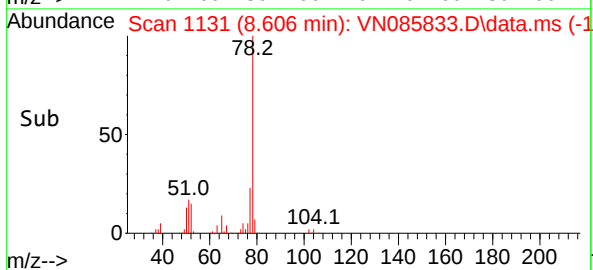
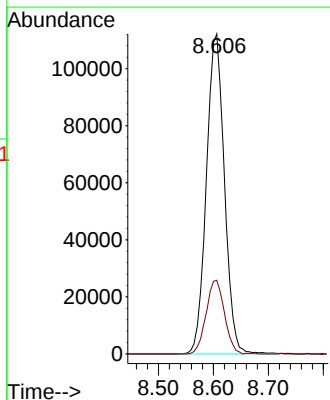
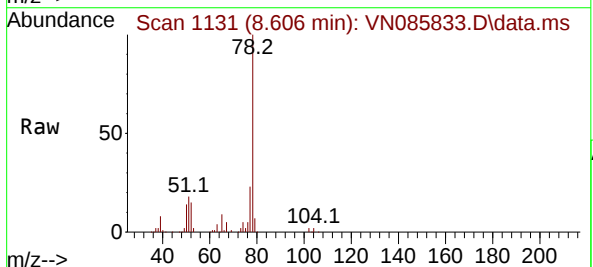
Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#40
Benzene
Concen: 20.476 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

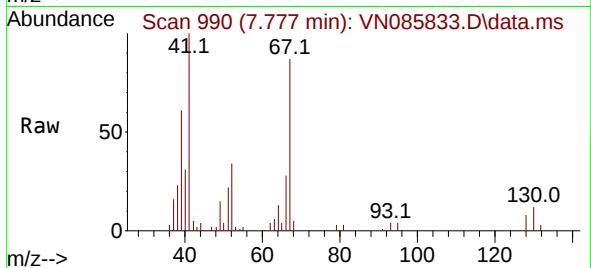
Tgt Ion: 78 Resp: 255468
Ion Ratio Lower Upper
78 100
77 23.0 18.3 27.5





#41
Methacrylonitrile
Concen: 22.112 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

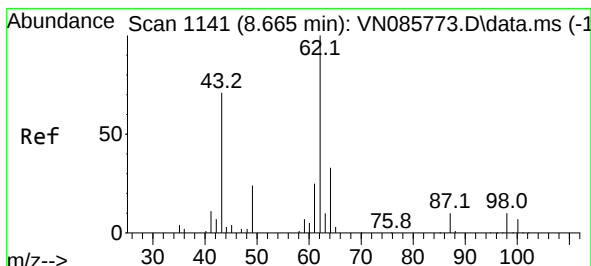
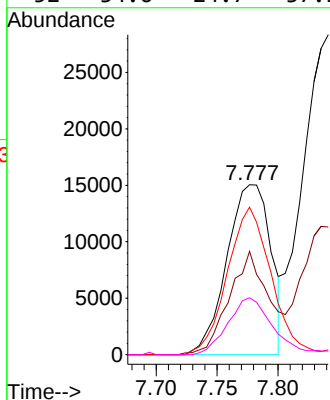
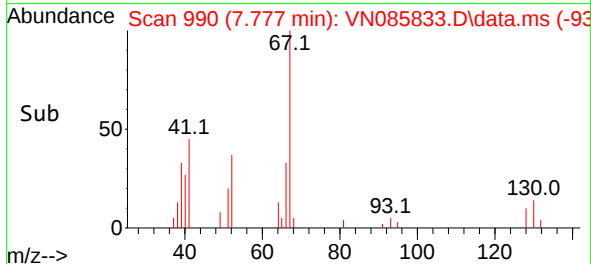
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



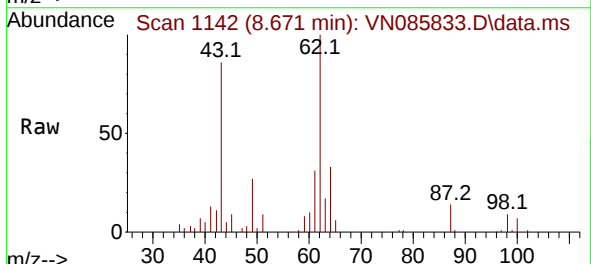
Tgt Ion: 41 Resp: 3786
Ion Ratio Lower Upper
41 100
39 55.7 42.0 63.0
67 87.1 64.2 96.4
52 34.6 24.7 37.1

Manual Integrations
APPROVED

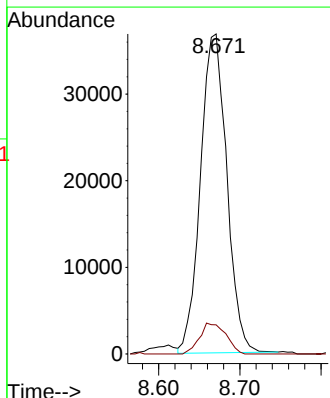
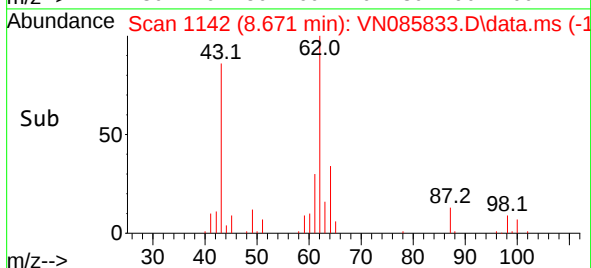
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#42
1,2-Dichloroethane
Concen: 20.408 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36



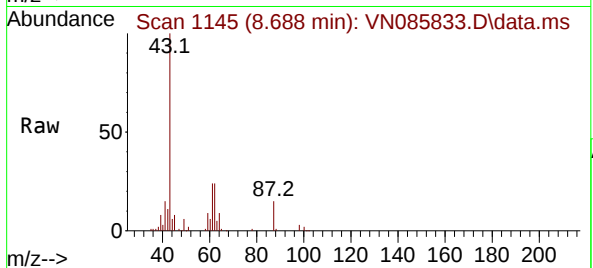
Tgt Ion: 62 Resp: 82936
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.6





#43
Isopropyl Acetate
Concen: 23.340 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

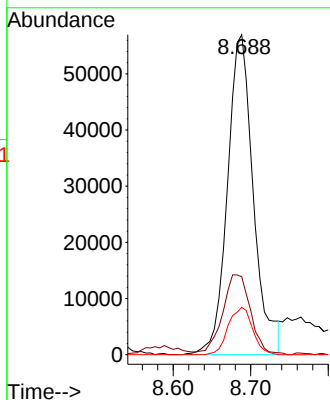
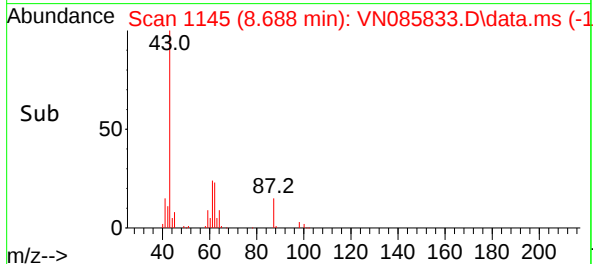
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



Tgt Ion: 43 Resp: 13286
Ion Ratio Lower Upper
43 100
61 27.1 22.6 34.0
87 13.8 11.8 17.8

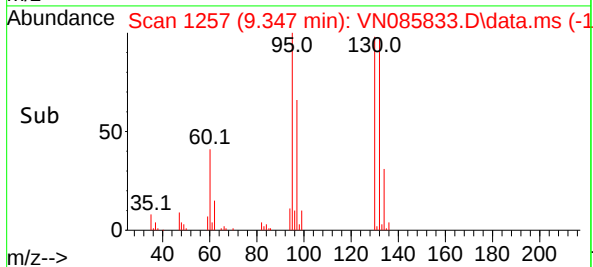
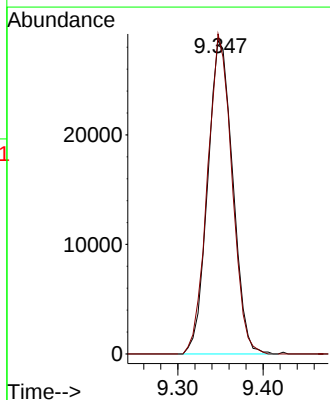
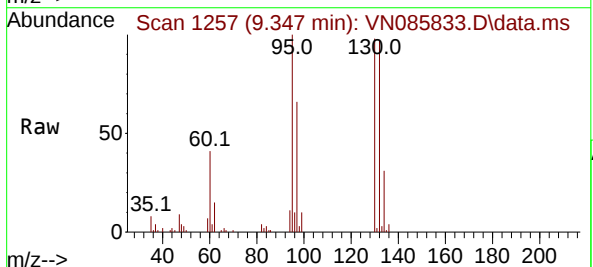
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#44
Trichloroethene
Concen: 19.082 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

Tgt Ion:130 Resp: 58457
Ion Ratio Lower Upper
130 100
95 102.1 0.0 202.6





#45

1,2-Dichloropropane

Concen: 20.784 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085833.D

Acq: 24 Feb 2025 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBSD01

Tgt Ion: 63 Resp: 6259

Ion Ratio Lower Upper

63 100

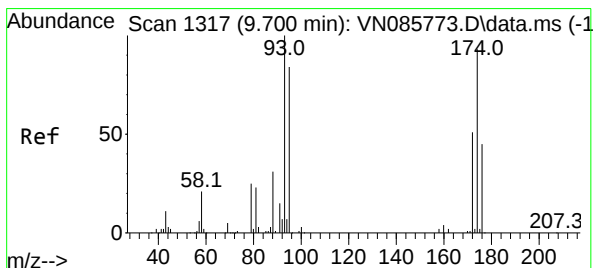
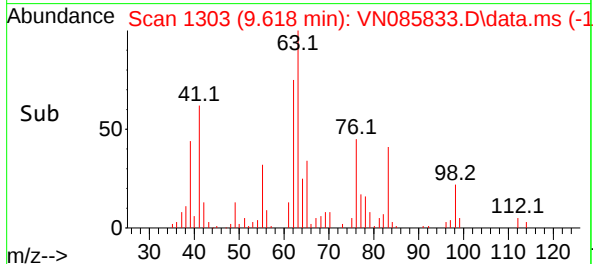
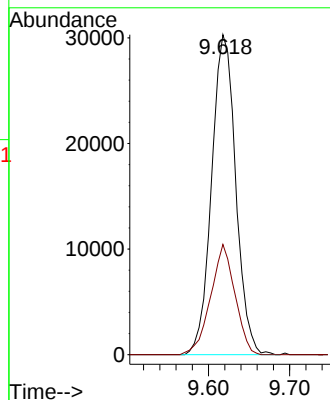
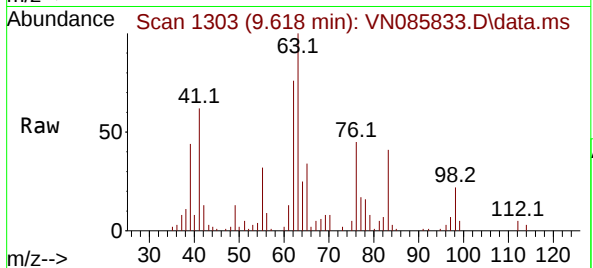
65 34.4 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#46

Dibromomethane

Concen: 21.453 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085833.D

Acq: 24 Feb 2025 13:36

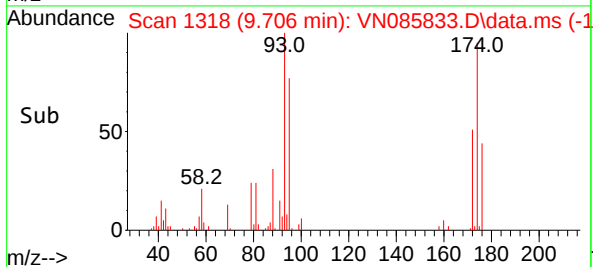
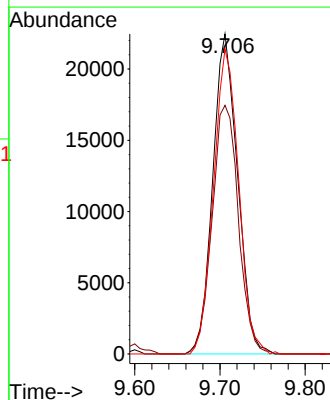
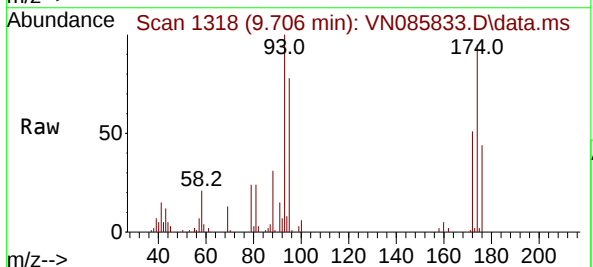
Tgt Ion: 93 Resp: 45573

Ion Ratio Lower Upper

93 100

95 82.3 66.7 100.1

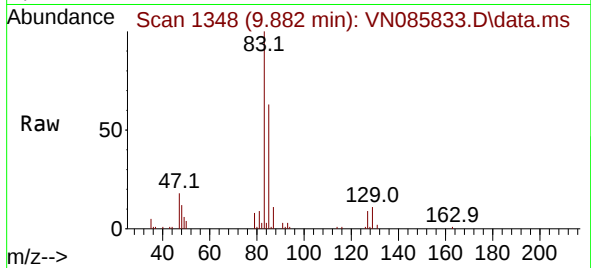
174 96.4 77.2 115.8





#47
Bromodichloromethane
Concen: 20.875 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

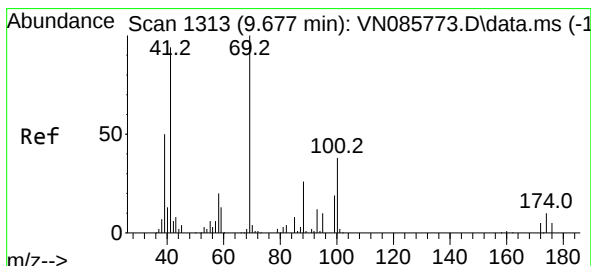
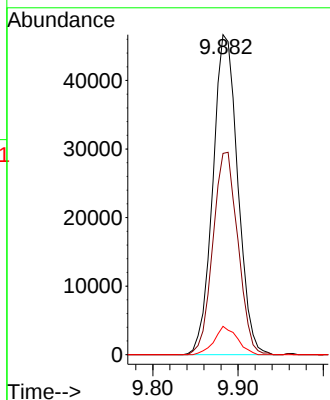
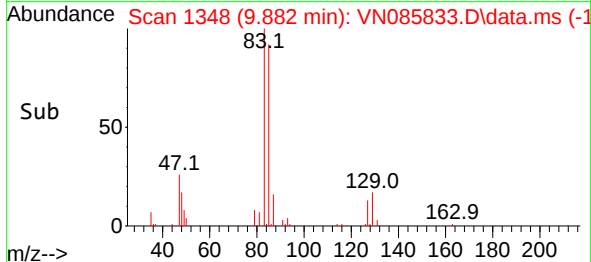
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



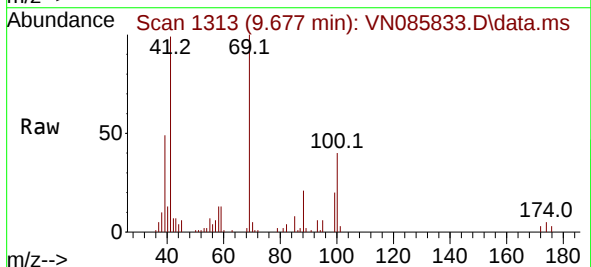
Tgt Ion: 83 Resp: 9487
Ion Ratio Lower Upper
83 100
85 62.9 50.5 75.7
127 8.8 7.2 10.8

Manual Integrations
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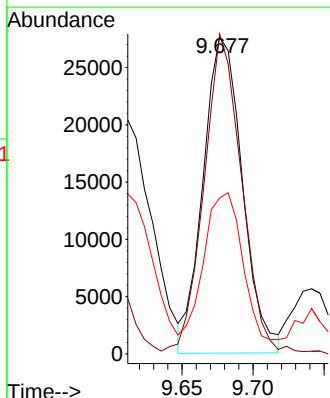
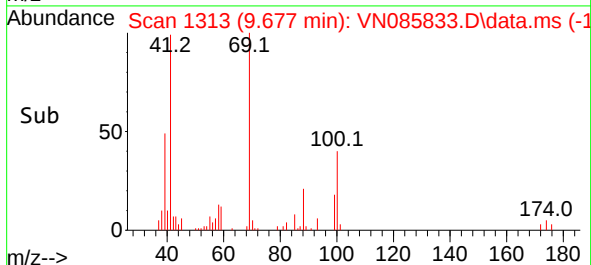
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

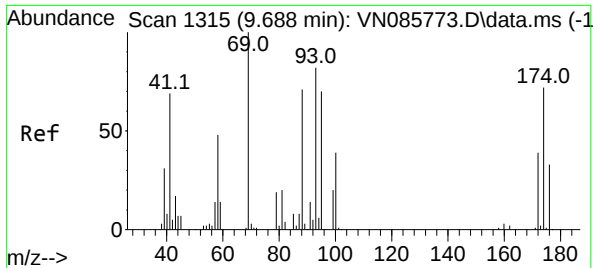


#48
Methyl methacrylate
Concen: 22.312 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36



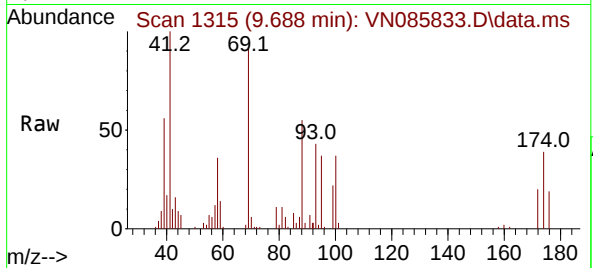
Tgt Ion: 41 Resp: 53084
Ion Ratio Lower Upper
41 100
69 97.3 76.0 114.0
39 54.1 42.3 63.5





#49
1,4-Dioxane
Concen: 528.132 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

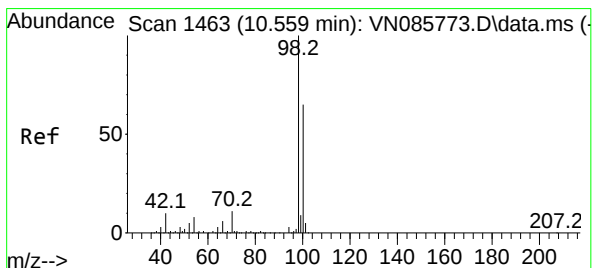
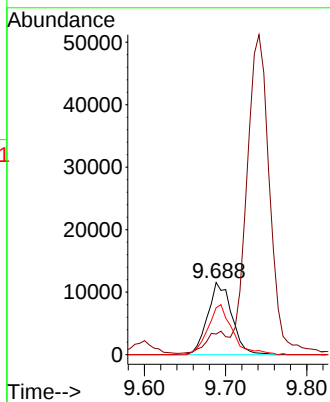
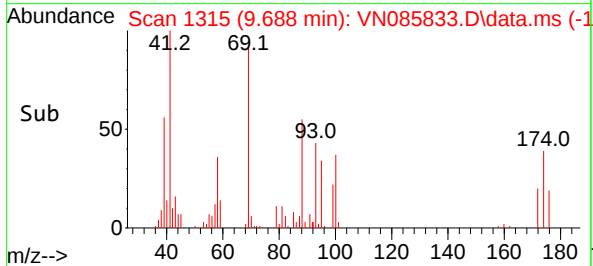
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



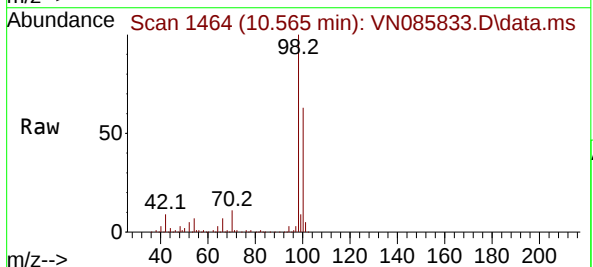
Tgt Ion: 88 Resp: 23894
Ion Ratio Lower Upper
88 100
43 28.6 18.6 27.8
58 70.2 56.7 85.1

Manual Integrations
APPROVED

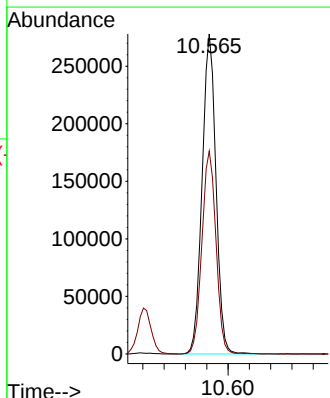
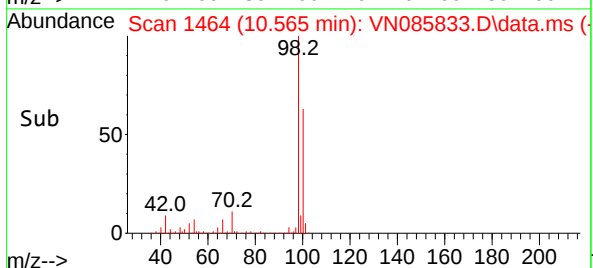
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

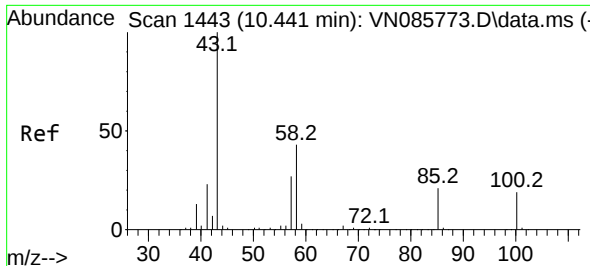


#50
Toluene-d8
Concen: 50.056 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36



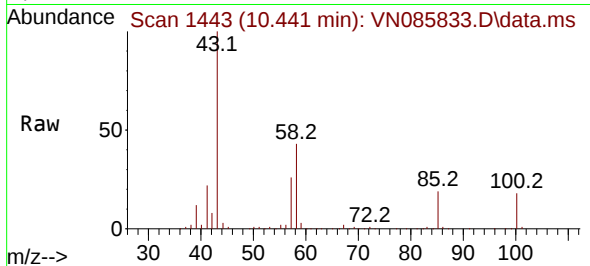
Tgt Ion: 98 Resp: 500928
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 124.392 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

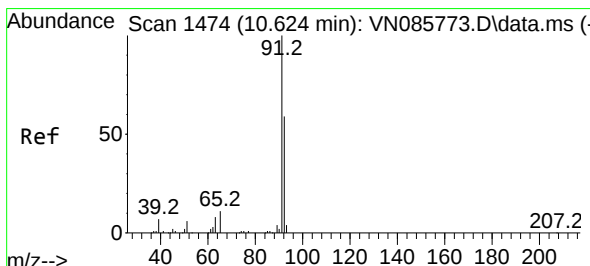
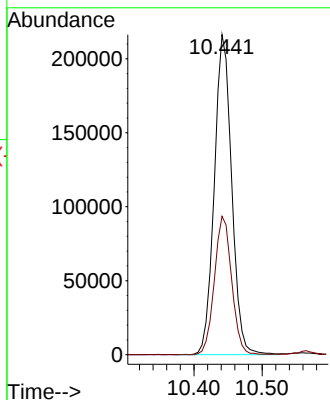
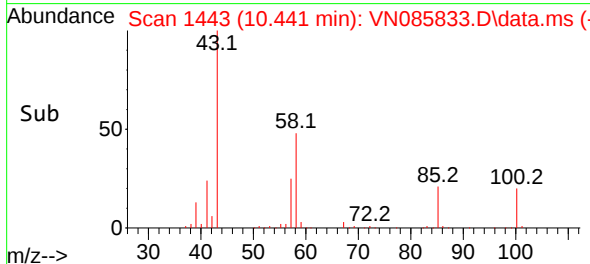
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



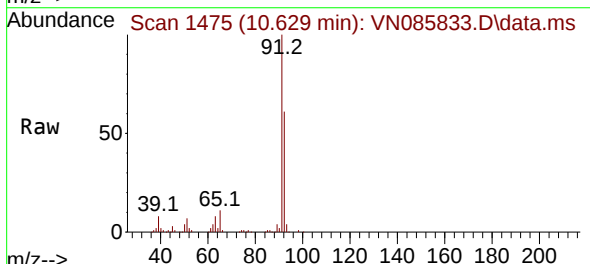
Tgt Ion: 43 Resp: 384200
Ion Ratio Lower Upper
43 100
58 43.0 34.6 52.0

Manual Integrations
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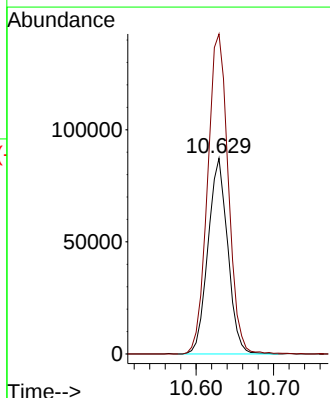
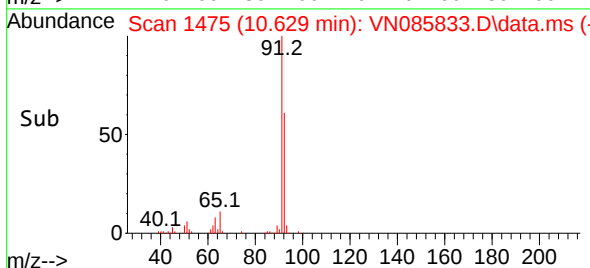
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

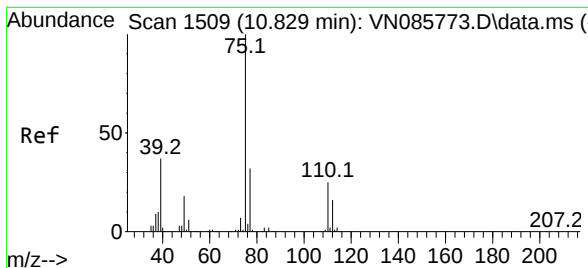


#52
Toluene
Concen: 21.138 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36



Tgt Ion: 92 Resp: 154597
Ion Ratio Lower Upper
92 100
91 171.8 136.9 205.3





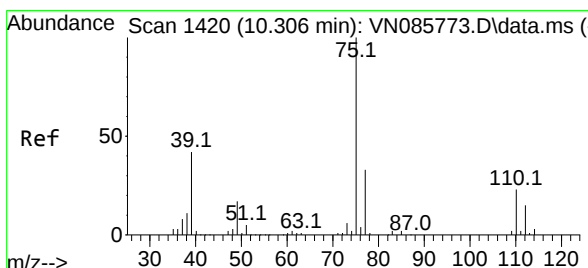
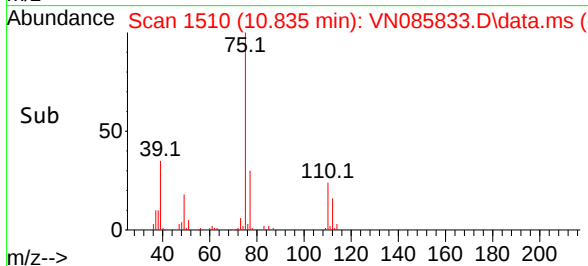
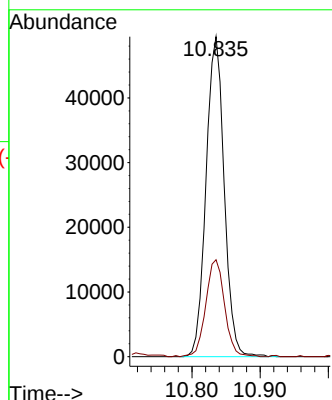
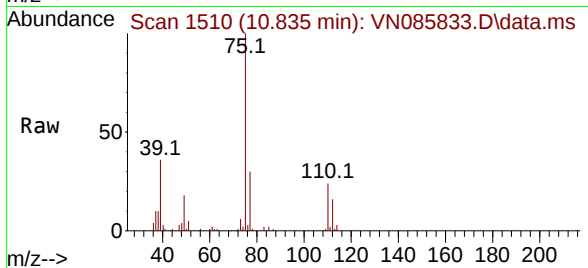
#53
t-1,3-Dichloropropene
Concen: 21.758 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

Tgt Ion: 75 Resp: 91440
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.0

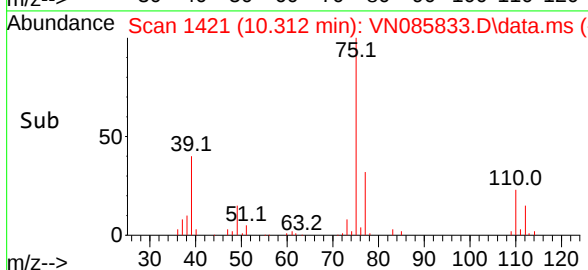
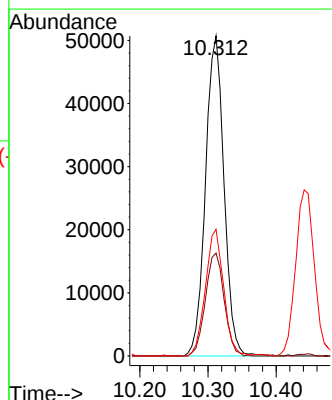
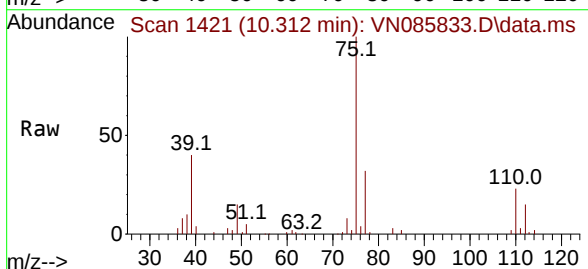
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#54
cis-1,3-Dichloropropene
Concen: 20.764 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

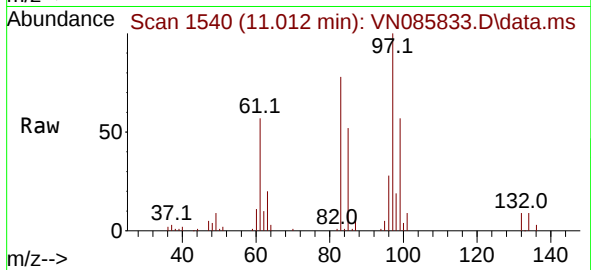
Tgt Ion: 75 Resp: 95689
Ion Ratio Lower Upper
75 100
77 32.1 26.1 39.1
39 39.5 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 22.171 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

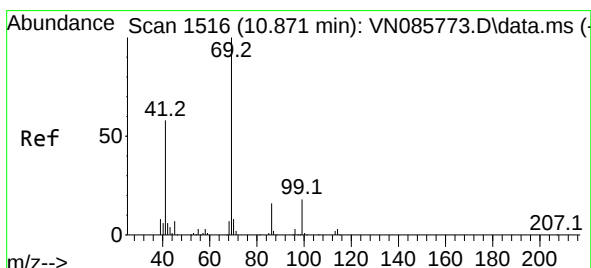
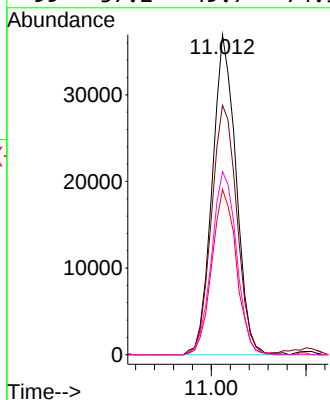
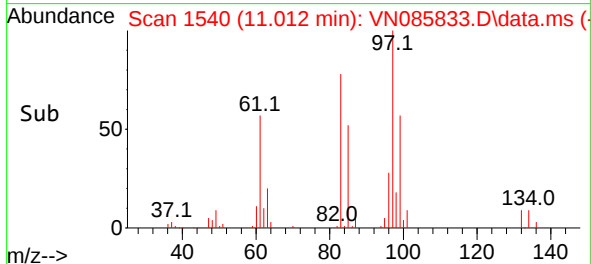


Tgt Ion: 97 Resp: 6447

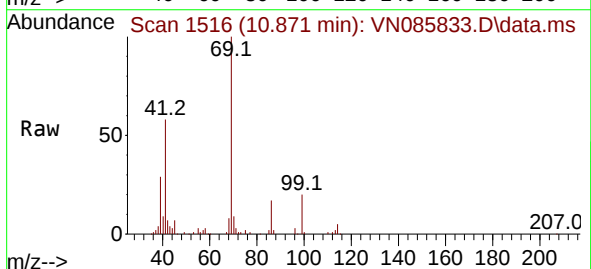
Ion	Ratio	Lower	Upper
97	100		
83	77.9	66.1	99.1
85	51.7	44.7	67.1
99	57.2	49.7	74.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

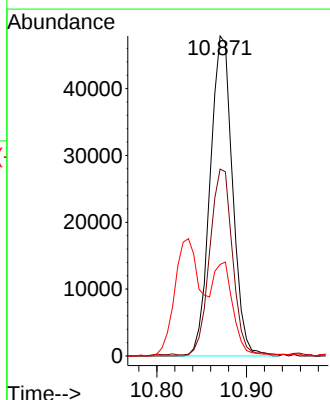
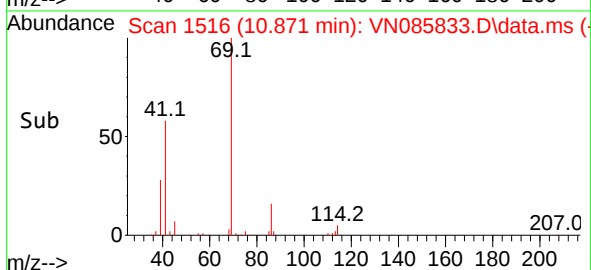


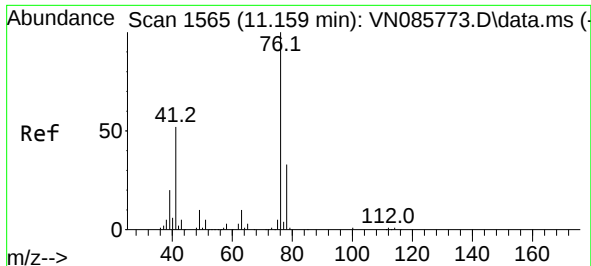
#56
Ethyl methacrylate
Concen: 21.466 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36



Tgt Ion: 69 Resp: 82880

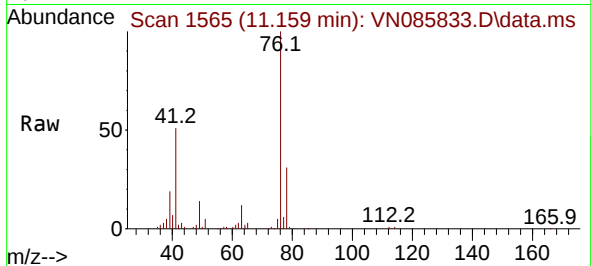
Ion	Ratio	Lower	Upper
69	100		
41	58.8	46.0	69.0
39	25.8	22.0	33.0





#57
1,3-Dichloropropane
Concen: 21.169 ug/l
RT: 11.159 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

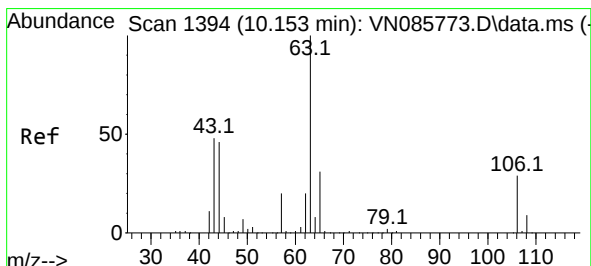
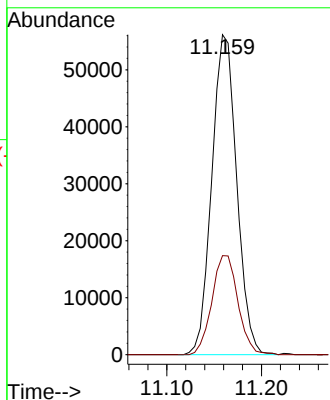
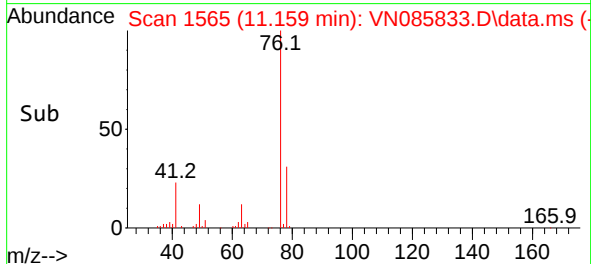
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



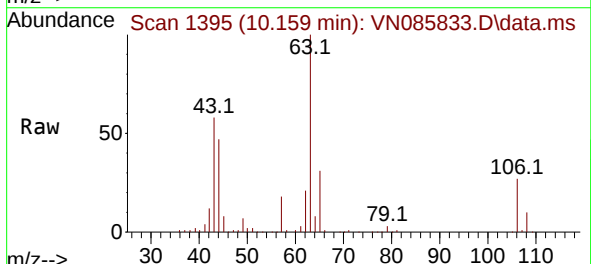
Tgt Ion: 76 Resp: 10276
Ion Ratio Lower Upper
76 100
78 32.3 25.9 38.9

Manual Integrations
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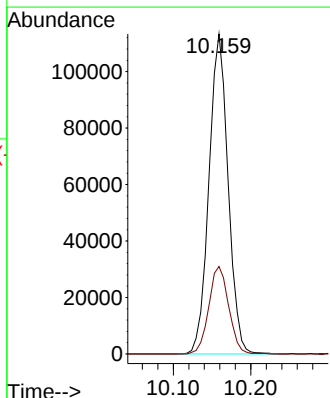
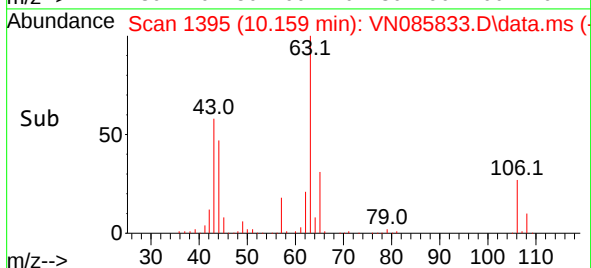
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

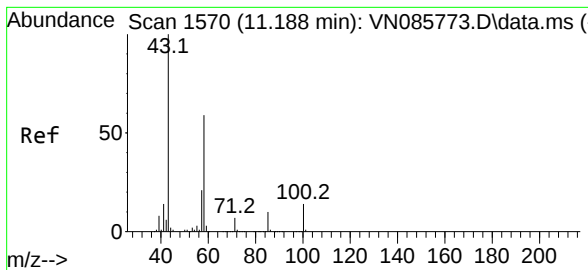


#58
2-Chloroethyl Vinyl ether
Concen: 136.927 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36



Tgt Ion: 63 Resp: 194148
Ion Ratio Lower Upper
63 100
106 28.4 22.7 34.1





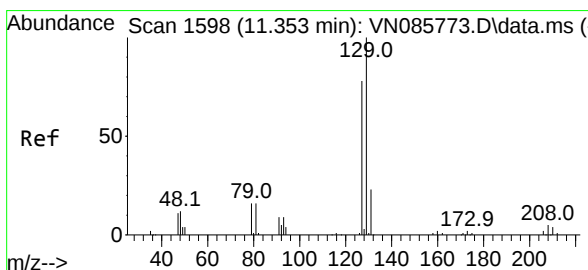
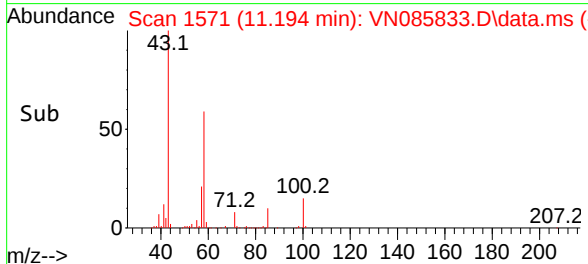
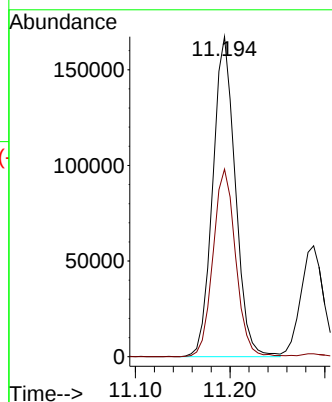
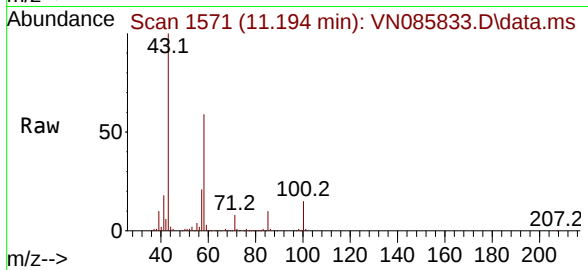
#59
2-Hexanone
Concen: 130.168 ug/l
RT: 11.194 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

Tgt Ion: 43 Resp: 276584
Ion Ratio Lower Upper
43 100
58 58.7 29.8 89.5

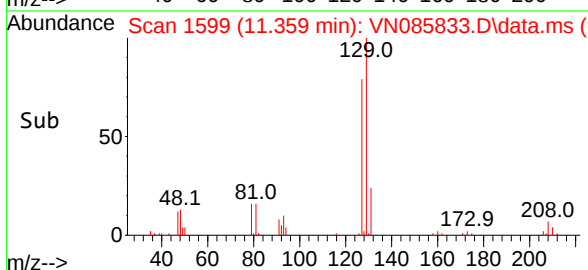
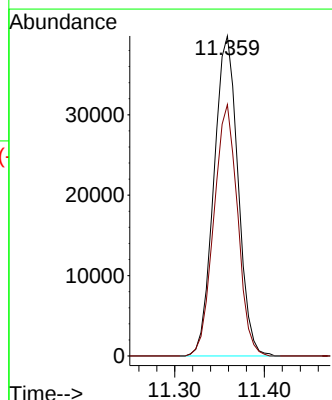
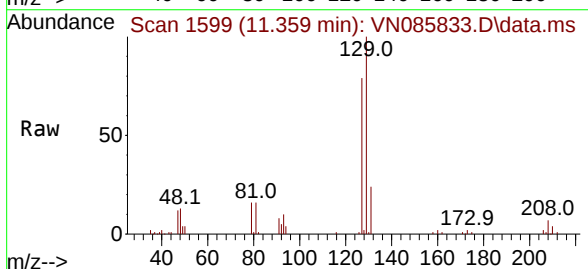
Manual Integrations
APPROVED

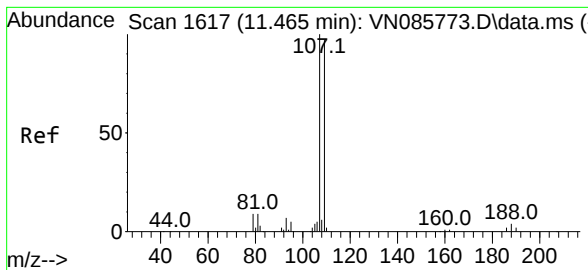
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#60
Dibromochloromethane
Concen: 21.921 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

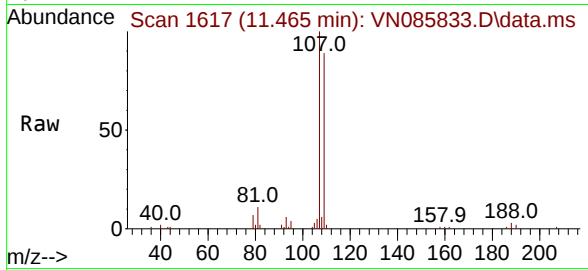
Tgt Ion:129 Resp: 74225
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.5





#61
1,2-Dibromoethane
Concen: 22.007 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

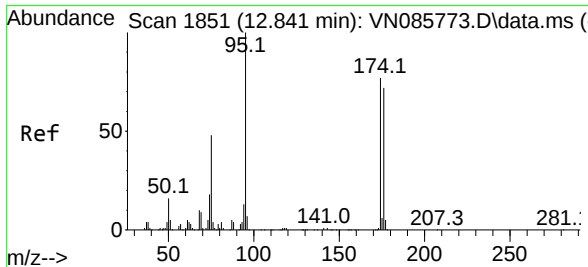
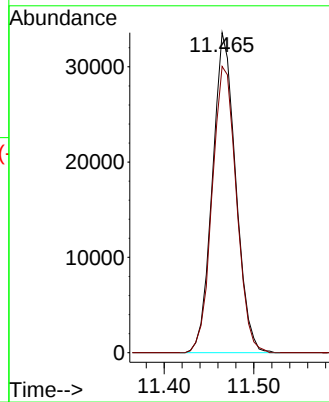
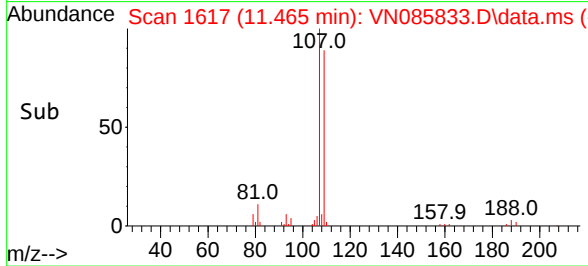
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



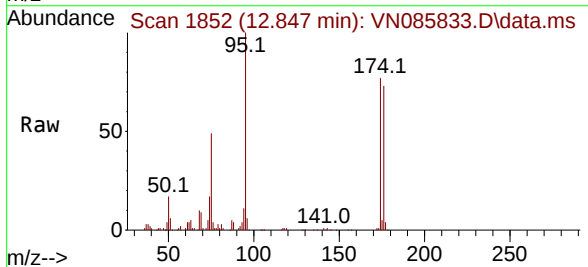
Tgt Ion:107 Resp: 60464
Ion Ratio Lower Upper
107 100
109 93.1 76.0 114.0

Manual Integrations
APPROVED

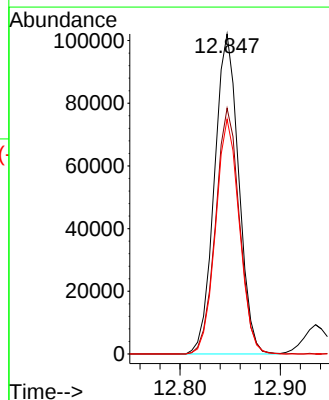
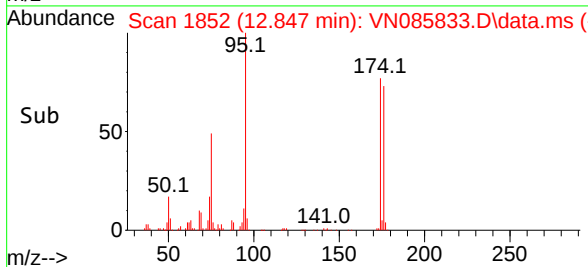
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

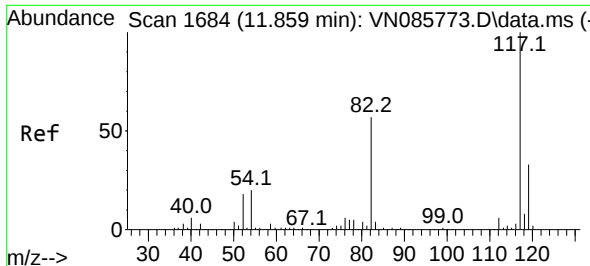


#62
4-Bromofluorobenzene
Concen: 52.105 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36



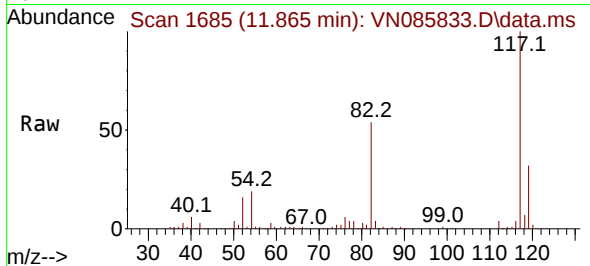
Tgt Ion: 95 Resp: 171801
Ion Ratio Lower Upper
95 100
174 75.6 0.0 152.4
176 71.7 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

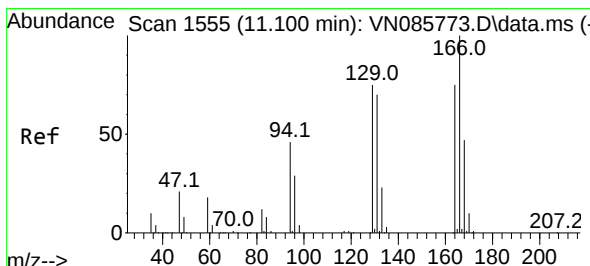
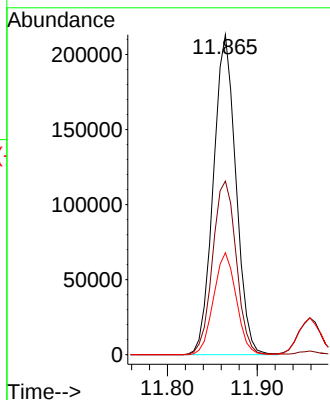
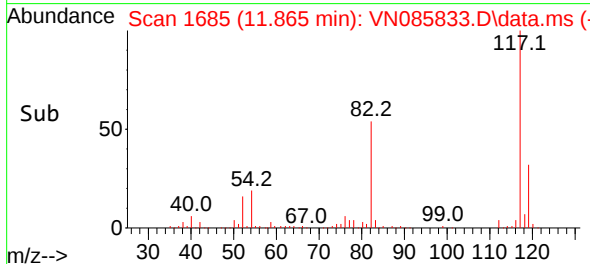
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



Tgt Ion:117 Resp: 372649
Ion Ratio Lower Upper
117 100
82 54.3 45.7 68.5
119 31.9 26.2 39.2

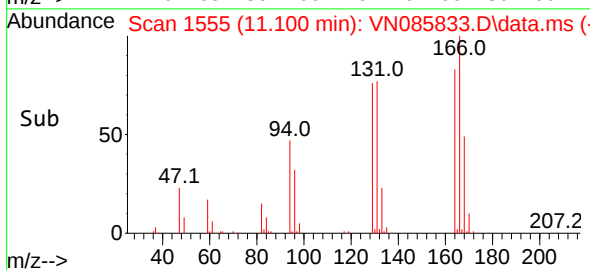
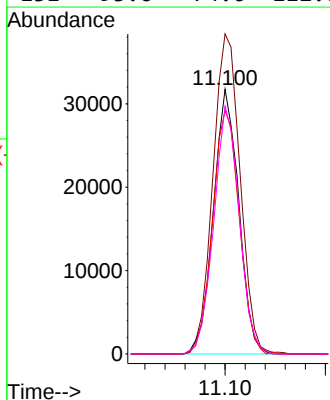
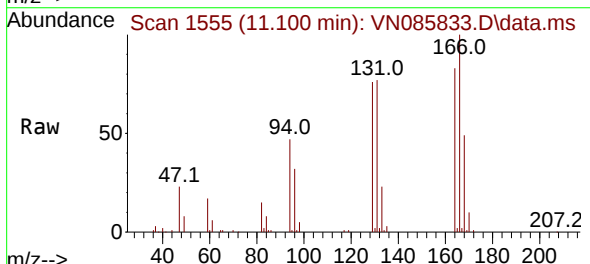
Manual Integrations
APPROVED

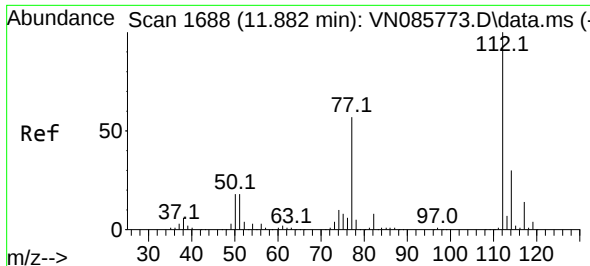
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#64
Tetrachloroethene
Concen: 19.305 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

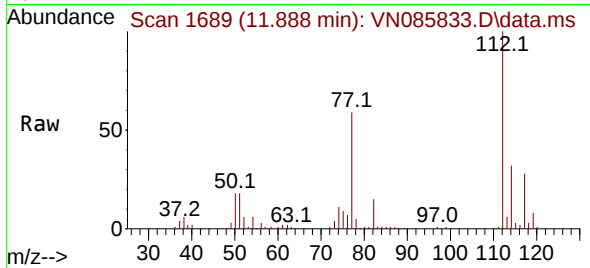
Tgt Ion:164 Resp: 55733
Ion Ratio Lower Upper
164 100
166 120.9 107.2 160.8
129 92.0 80.7 121.1
131 93.6 74.6 112.0





#65
Chlorobenzene
Concen: 19.854 ug/l
RT: 11.888 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

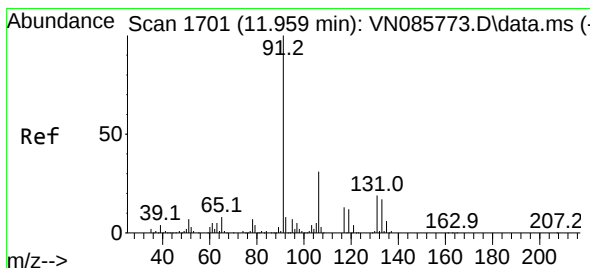
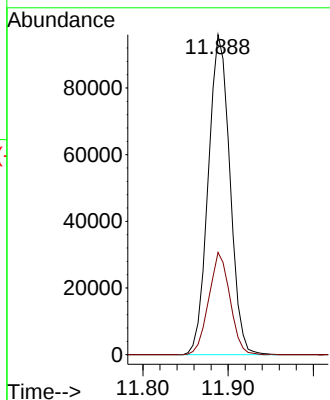
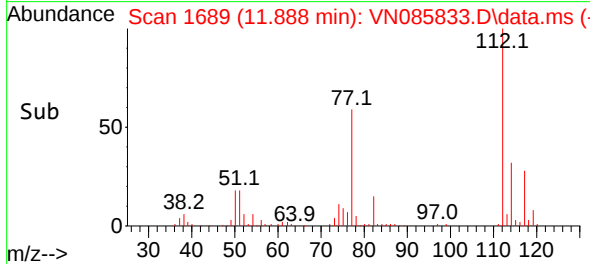
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



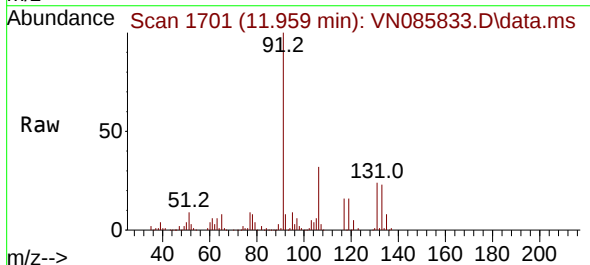
Tgt Ion:112 Resp: 16949
Ion Ratio Lower Upper
112 100
114 31.9 24.3 36.5

Manual Integrations
APPROVED

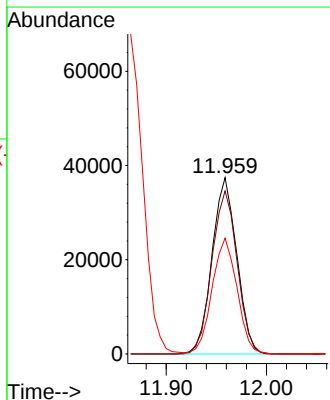
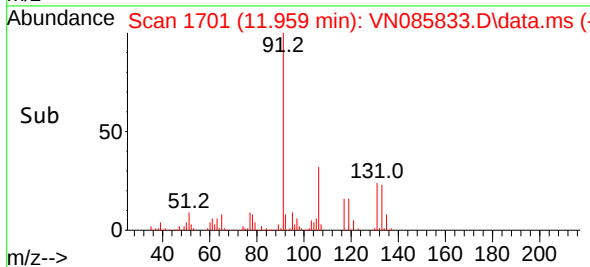
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.921 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36



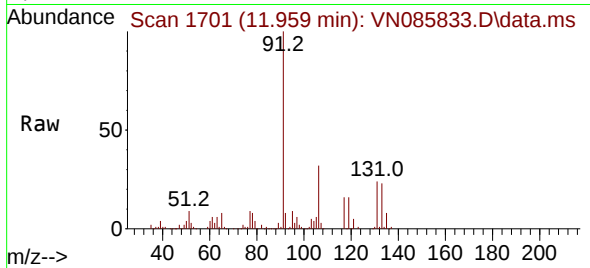
Tgt Ion:131 Resp: 64196
Ion Ratio Lower Upper
131 100
133 94.7 47.7 143.1
119 66.1 33.3 99.8





#67
Ethyl Benzene
Concen: 19.806 ug/l
RT: 11.959 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

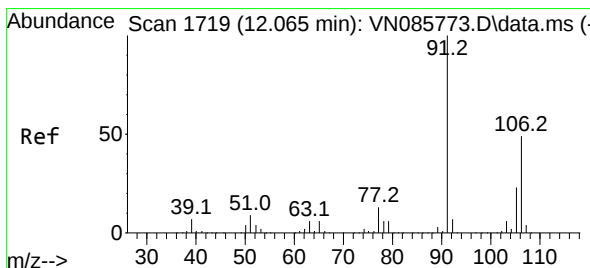
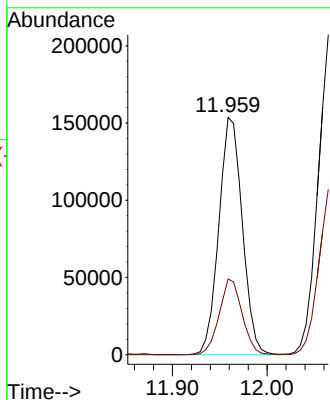
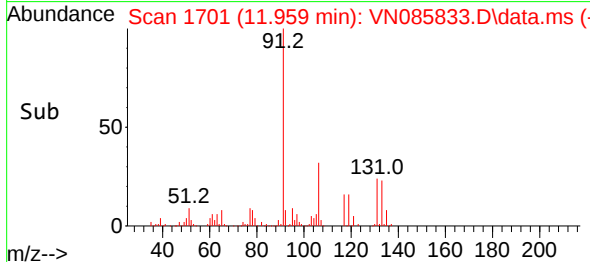
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



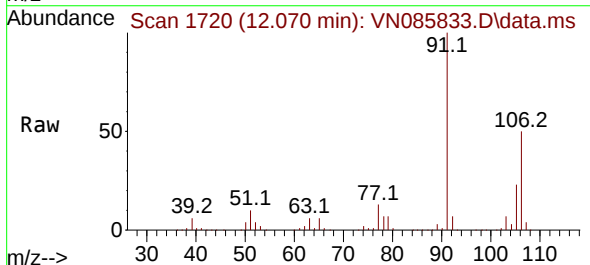
Tgt Ion: 91 Resp: 264854
Ion Ratio Lower Upper
91 100
106 31.9 24.7 37.1

Manual Integrations
APPROVED

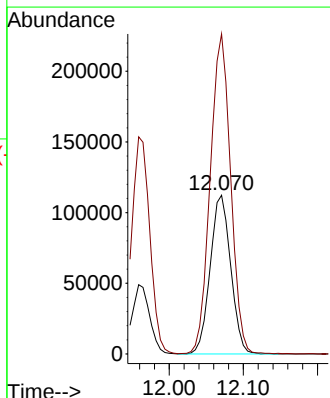
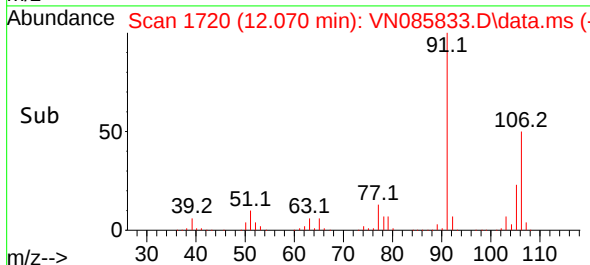
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

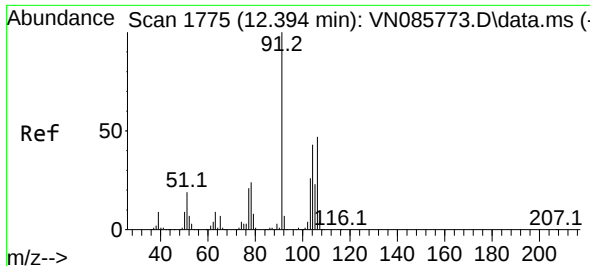


#68
m/p-Xylenes
Concen: 42.466 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.005 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36



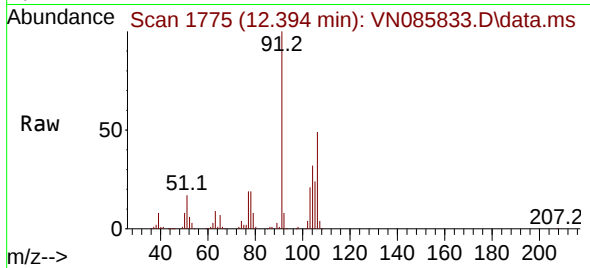
Tgt Ion:106 Resp: 215709
Ion Ratio Lower Upper
106 100
91 201.2 163.3 244.9





#69
o-Xylene
Concen: 20.336 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

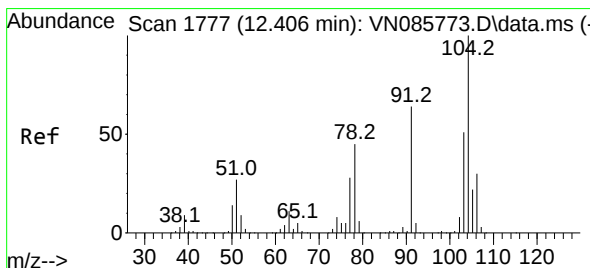
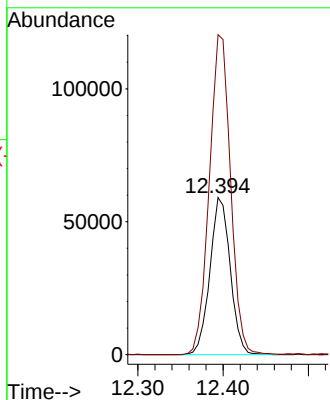
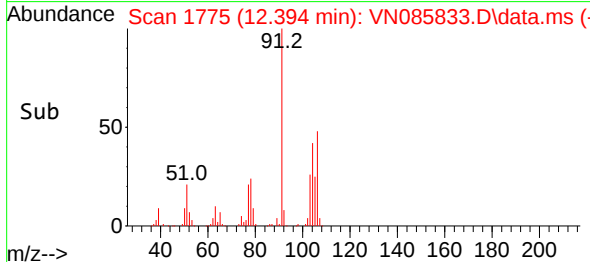
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



Tgt Ion:106 Resp: 9816
Ion Ratio Lower Upper
106 100
91 212.6 107.1 321.4

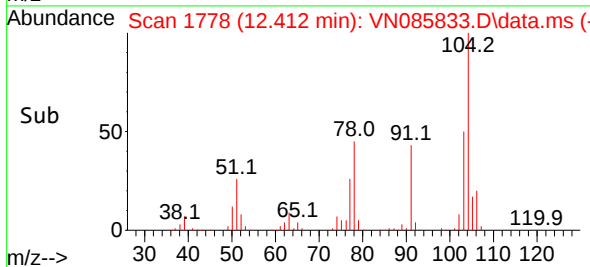
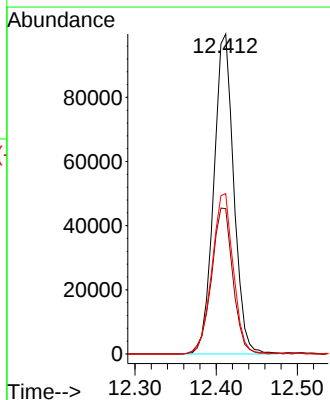
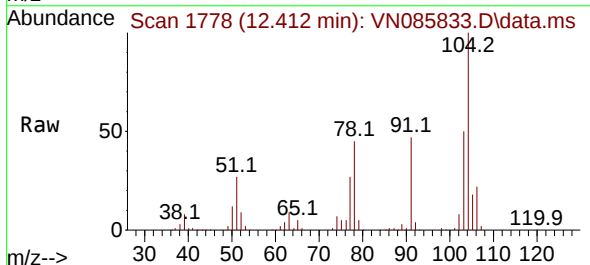
Manual Integrations
APPROVED

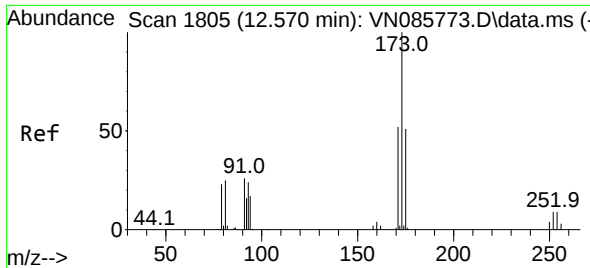
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#70
Styrene
Concen: 20.508 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

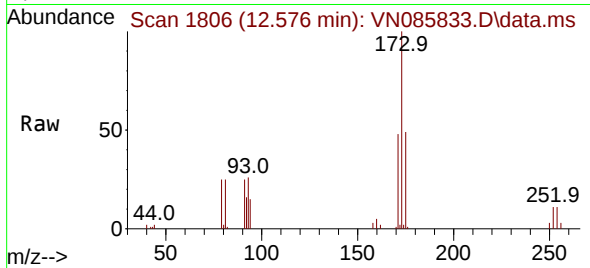
Tgt Ion:104 Resp: 170947
Ion Ratio Lower Upper
104 100
78 49.0 39.0 58.6
103 53.5 43.3 64.9





#71
Bromoform
Concen: 22.067 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

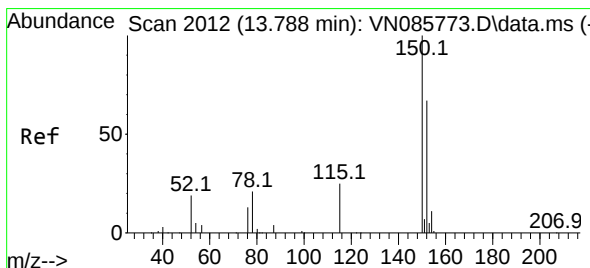
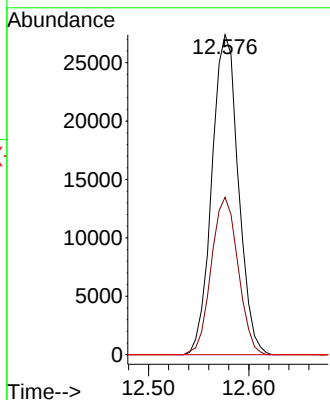
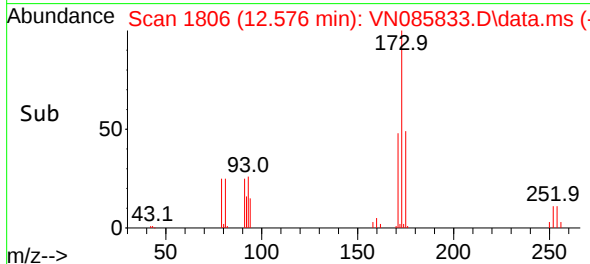
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



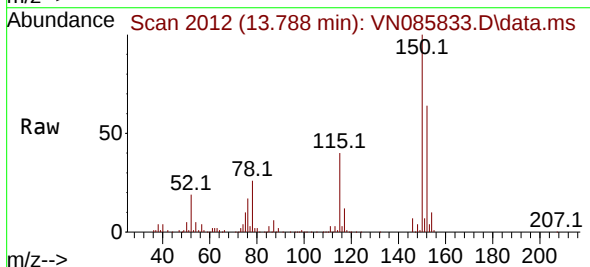
Tgt Ion:173 Resp: 5031
Ion Ratio Lower Upper
173 100
175 49.7 25.1 75.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

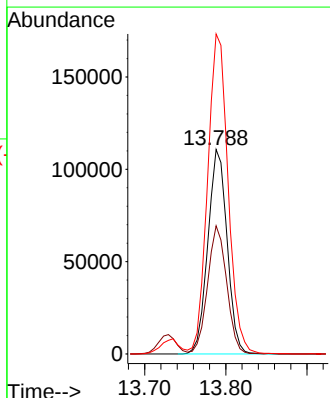
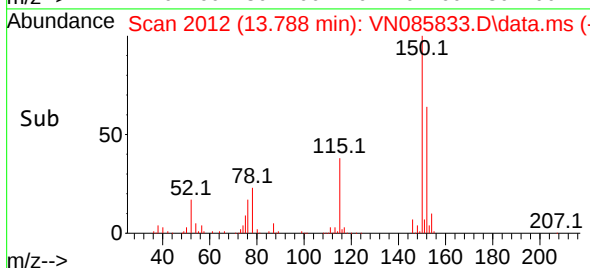
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

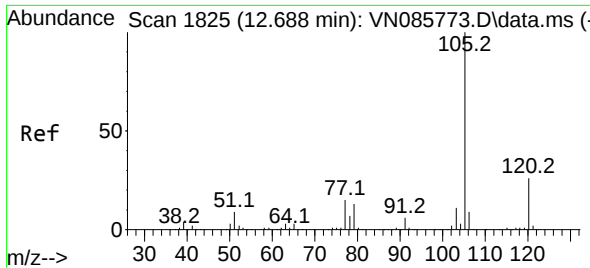


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36



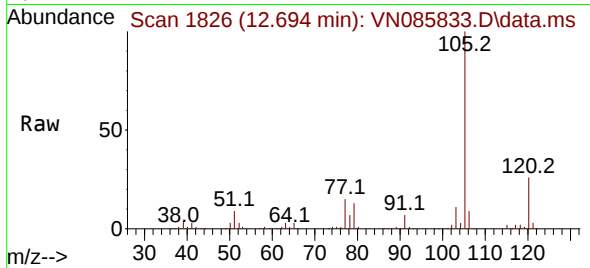
Tgt Ion:152 Resp: 182403
Ion Ratio Lower Upper
152 100
115 62.1 30.4 91.3
150 166.2 0.0 345.4





#73
Isopropylbenzene
Concen: 19.486 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

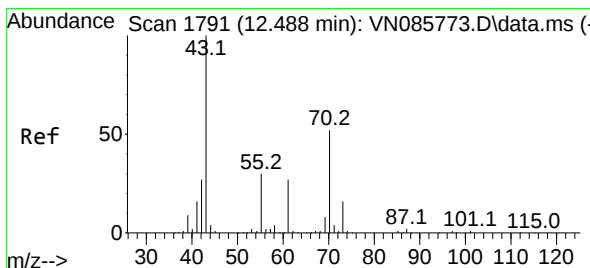
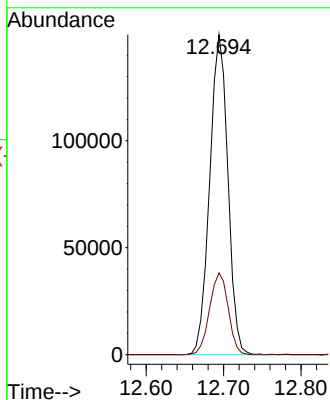
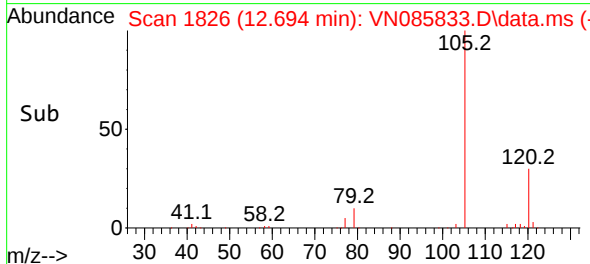
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



Tgt Ion:105 Resp: 24350
Ion Ratio Lower Upper
105 100
120 26.1 13.0 39.0

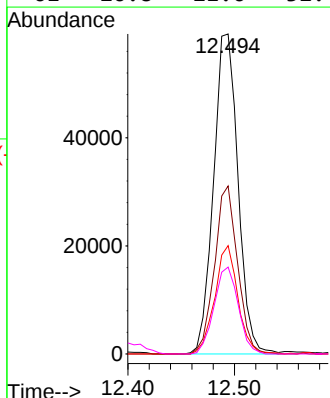
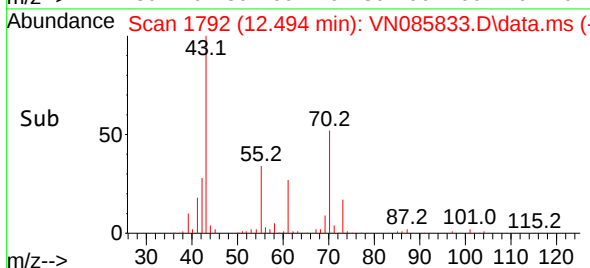
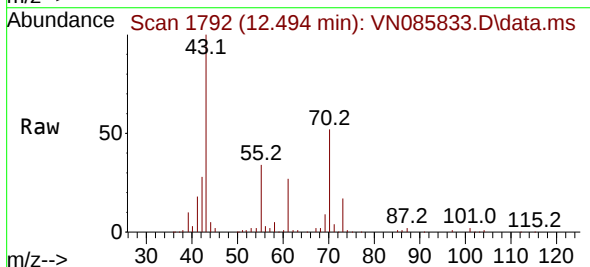
Manual Integrations
APPROVED

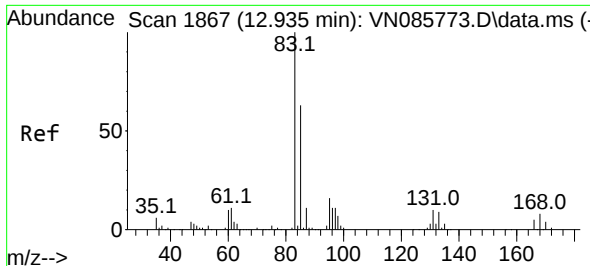
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#74
N-ethyl acetate
Concen: 21.423 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

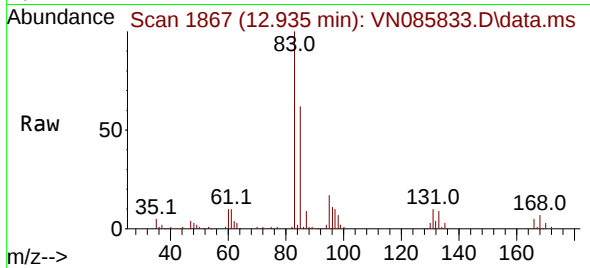
Tgt Ion: 43 Resp: 94407
Ion Ratio Lower Upper
43 100
70 49.5 41.0 61.4
55 32.1 24.6 36.8
61 26.8 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 21.245 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

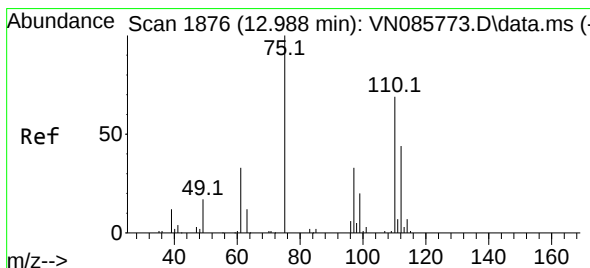
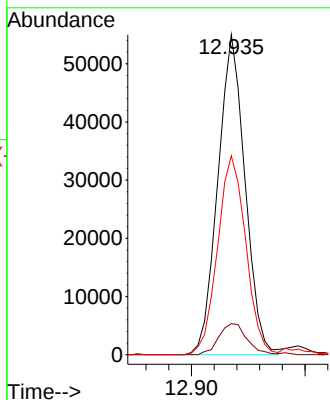
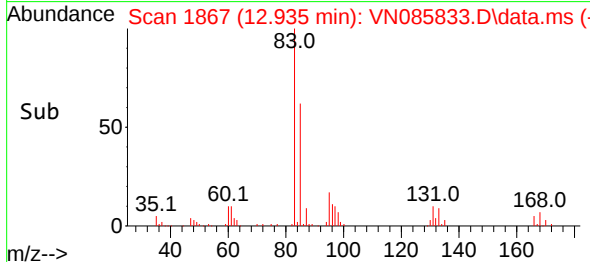
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



Tgt Ion: 83 Resp: 91358
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 64.5 32.2 96.6

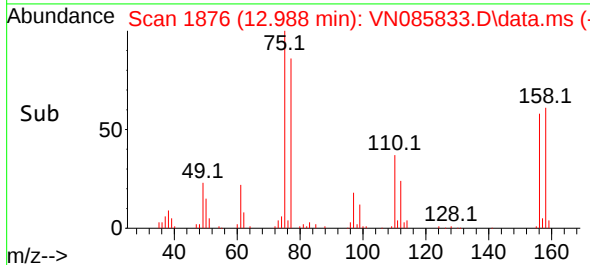
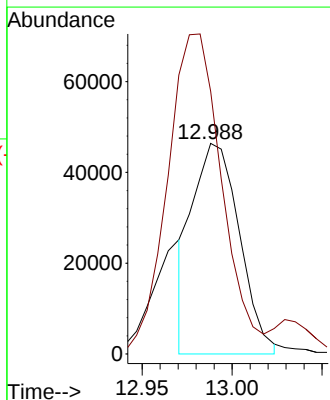
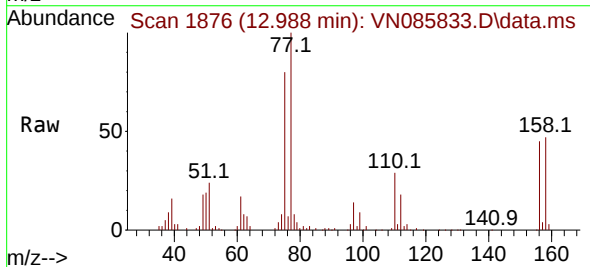
Manual Integrations
APPROVED

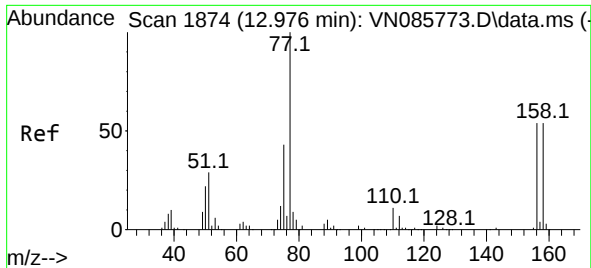
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#76
1,2,3-Trichloropropane
Concen: 20.733 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

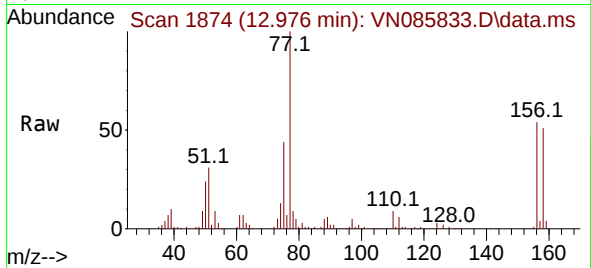
Tgt Ion: 75 Resp: 84006
Ion Ratio Lower Upper
75 100
77 176.1 100.0 300.0





#77
Bromobenzene
Concen: 19.946 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

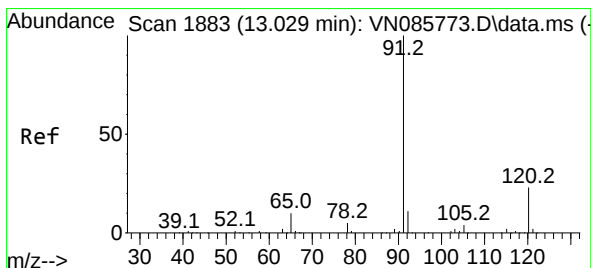
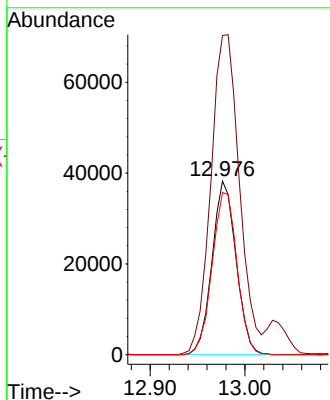
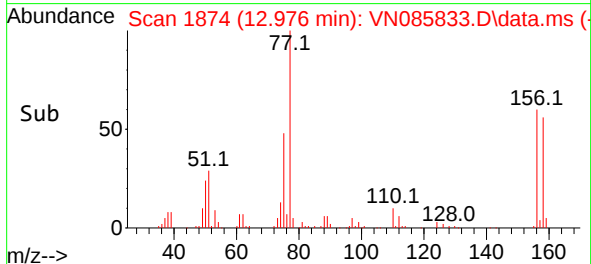
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



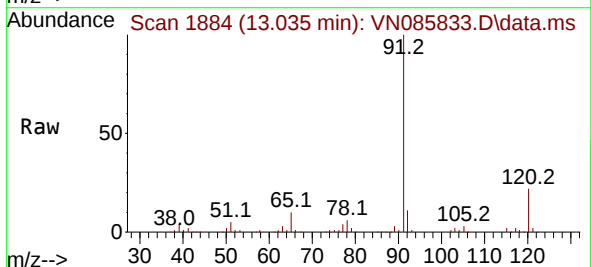
Tgt Ion:156 Resp: 67340
Ion Ratio Lower Upper
156 100
77 219.7 104.1 312.3
158 96.9 48.1 144.4

Manual Integrations
APPROVED

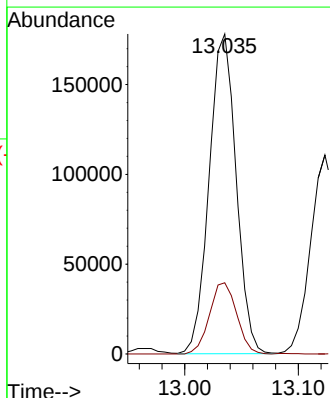
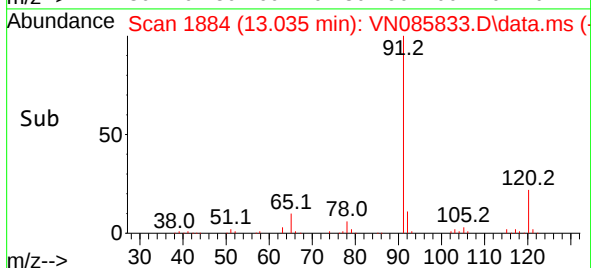
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

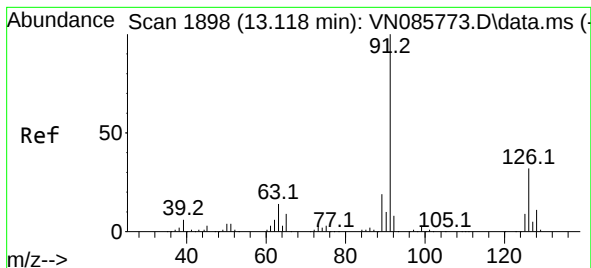


#78
n-propylbenzene
Concen: 20.580 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36



Tgt Ion: 91 Resp: 294534
Ion Ratio Lower Upper
91 100
120 22.3 11.3 33.8





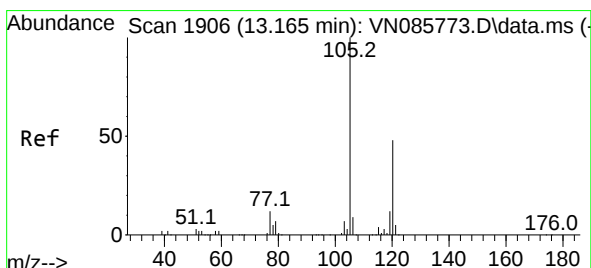
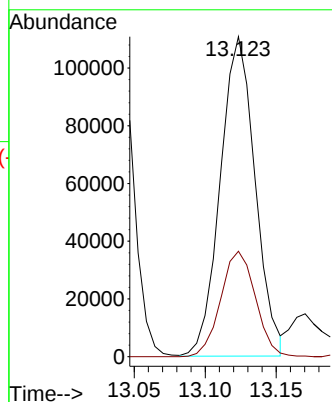
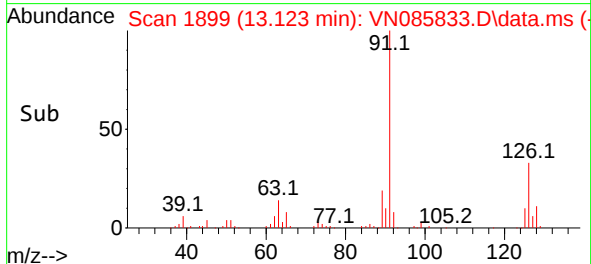
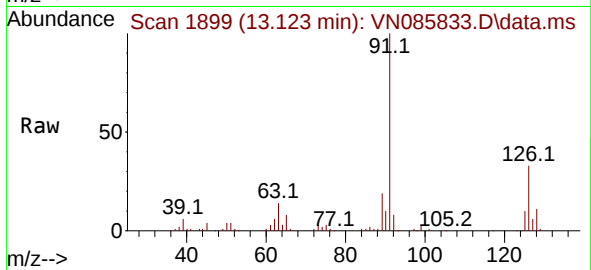
#79
2-Chlorotoluene
Concen: 19.786 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

Tgt Ion: 91 Resp: 18919
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.1

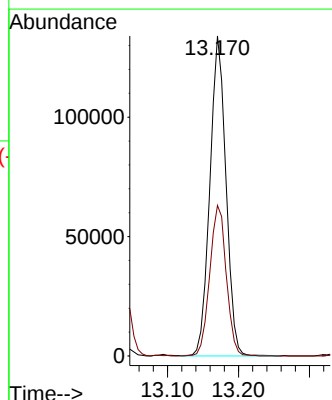
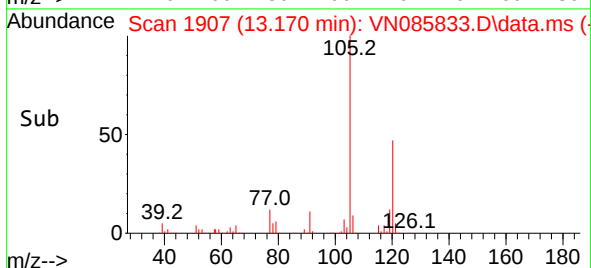
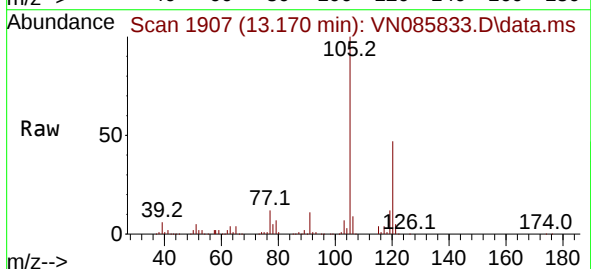
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.715 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

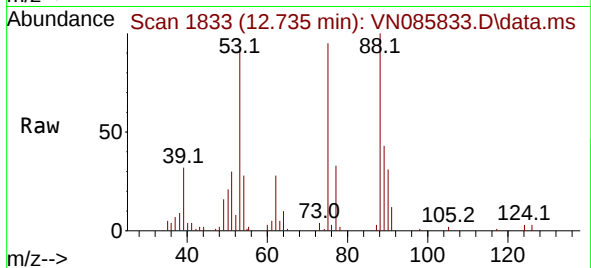
Tgt Ion:105 Resp: 210864
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 23.724 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

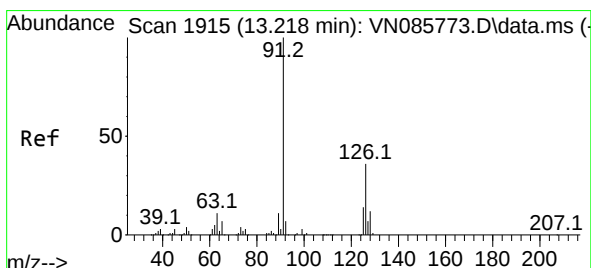
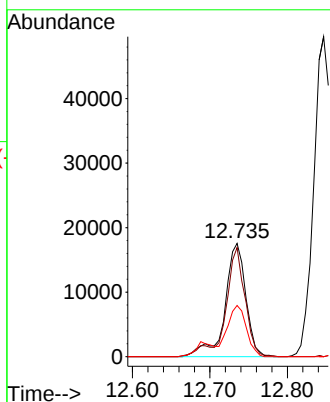
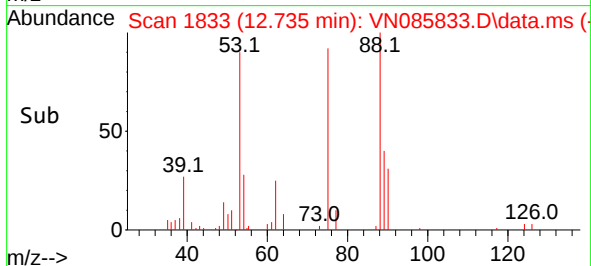
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



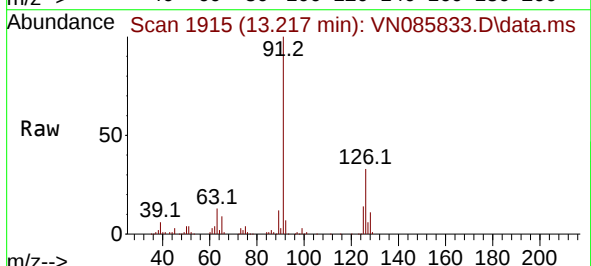
Tgt Ion: 75 Resp: 32945
Ion Ratio Lower Upper
75 100
53 80.4 74.2 111.4
89 42.2 34.9 52.3

Manual Integrations
APPROVED

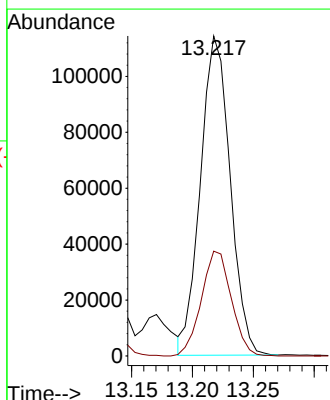
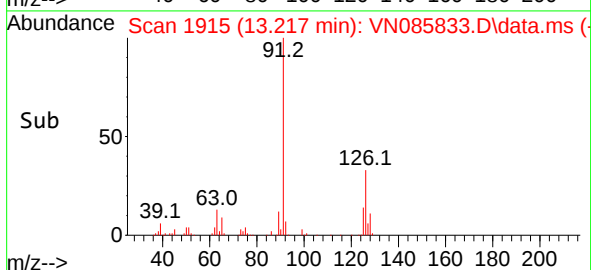
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#82
4-Chlorotoluene
Concen: 20.443 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36



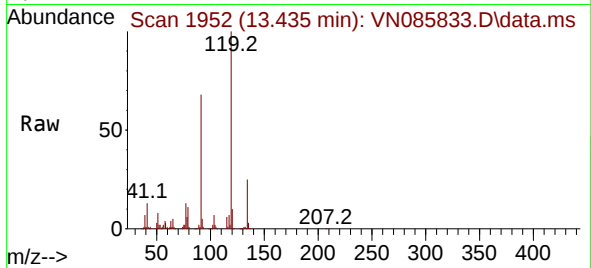
Tgt Ion: 91 Resp: 193783
Ion Ratio Lower Upper
91 100
126 33.1 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 19.304 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085833.D
 Acq: 24 Feb 2025 13:36

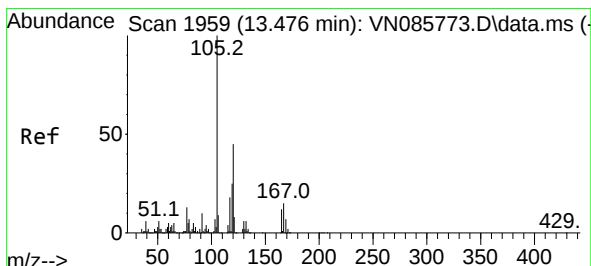
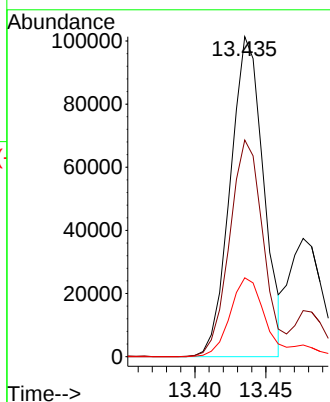
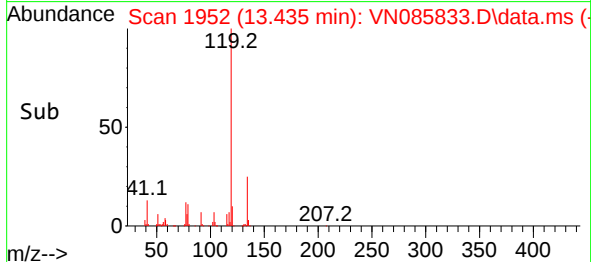
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBSD01



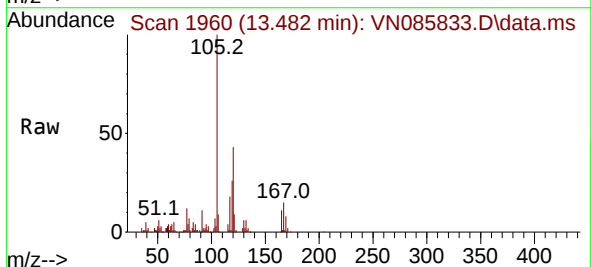
Tgt Ion:119 Resp: 16524
 Ion Ratio Lower Upper
 119 100
 91 69.1 32.5 97.5
 134 28.0 13.3 39.9

Manual Integrations
 APPROVED

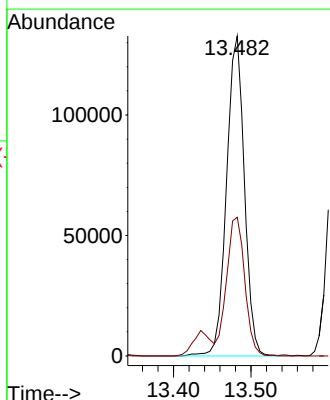
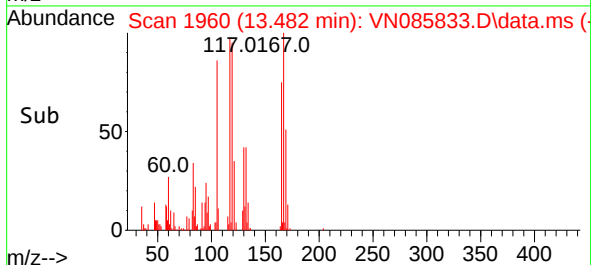
Reviewed By :John Carlone 02/25/2025
 Supervised By :Mahesh Dadoda 02/25/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 21.120 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN085833.D
 Acq: 24 Feb 2025 13:36



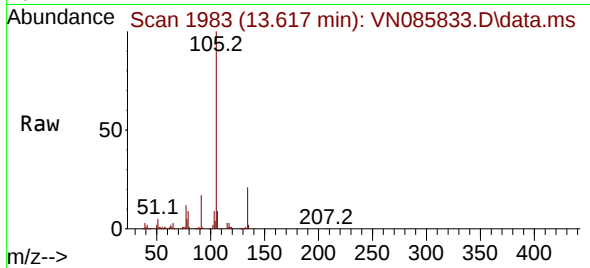
Tgt Ion:105 Resp: 212701
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 19.970 ug/l
 RT: 13.617 min Scan# 1982
 Delta R.T. 0.005 min
 Lab File: VN085833.D
 Acq: 24 Feb 2025 13:36

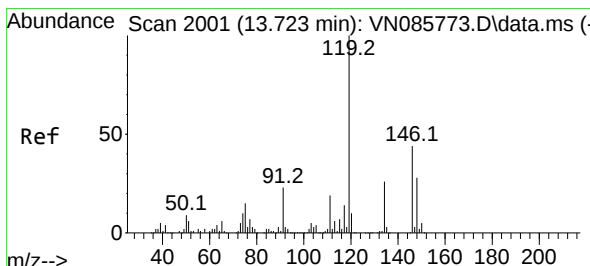
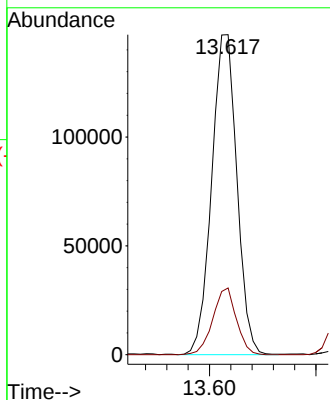
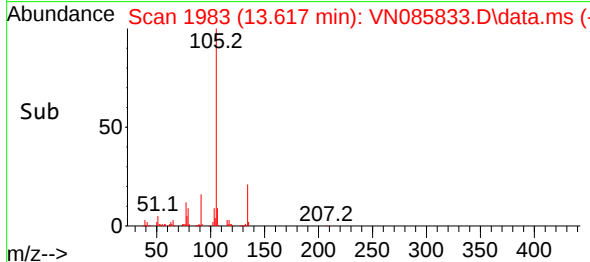
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBSD01



Tgt Ion:105 Resp: 241530
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4

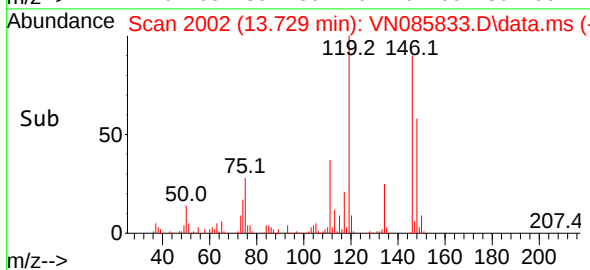
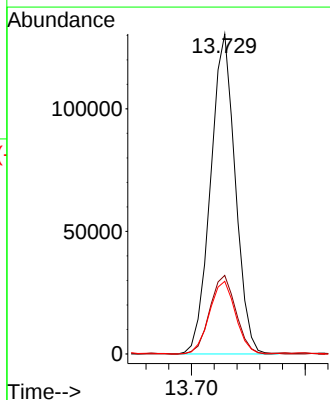
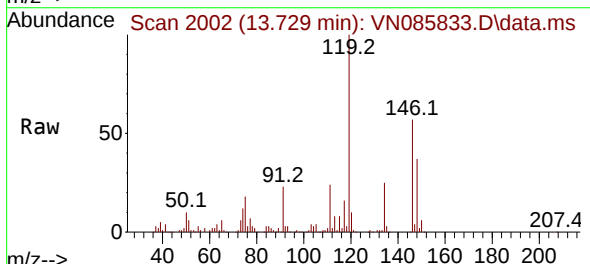
Manual Integrations
 APPROVED

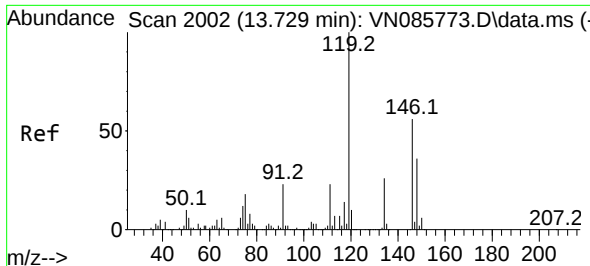
Reviewed By :John Carlone 02/25/2025
 Supervised By :Mahesh Dadoda 02/25/2025



#86
 p-Isopropyltoluene
 Concen: 19.099 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085833.D
 Acq: 24 Feb 2025 13:36

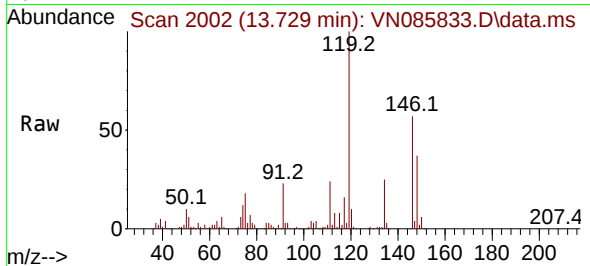
Tgt Ion:119 Resp: 197164
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 24.1 11.7 35.1





#87
1,3-Dichlorobenzene
Concen: 19.991 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

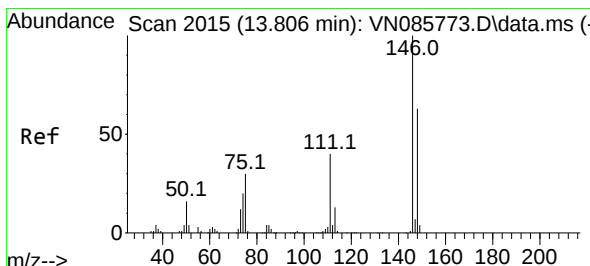
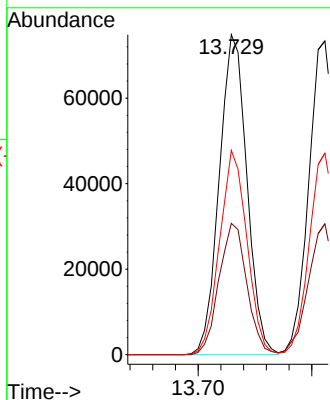
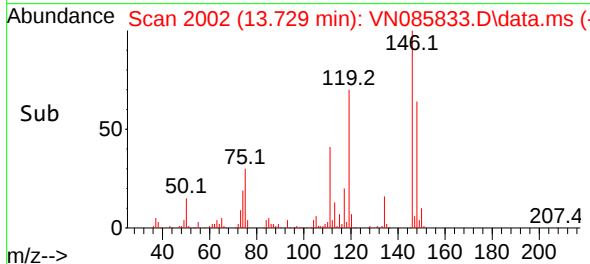
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



Tgt Ion:146 Resp: 12644
Ion Ratio Lower Upper
146 100
111 41.4 21.1 63.3
148 63.3 32.1 96.5

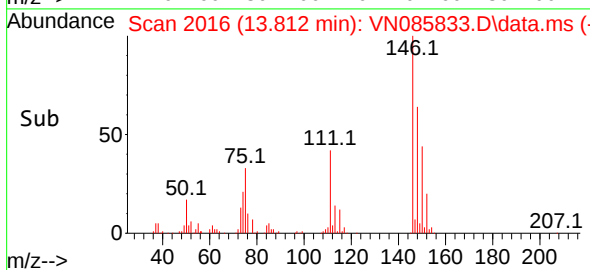
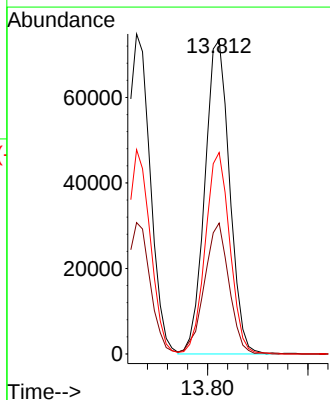
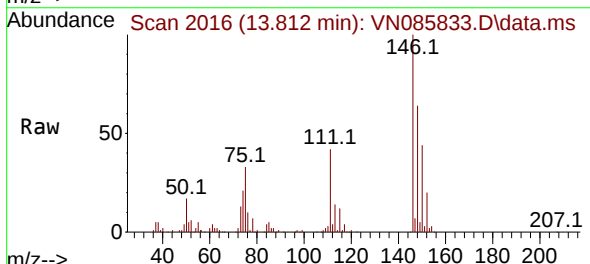
Manual Integrations
APPROVED

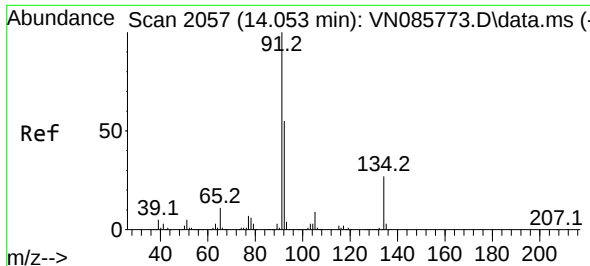
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#88
1,4-Dichlorobenzene
Concen: 19.427 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

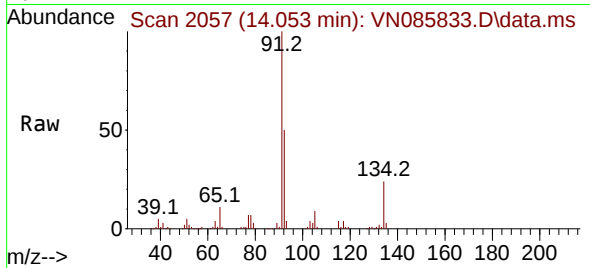
Tgt Ion:146 Resp: 125945
Ion Ratio Lower Upper
146 100
111 40.8 20.4 61.3
148 63.7 31.8 95.4





#89
n-Butylbenzene
Concen: 18.120 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

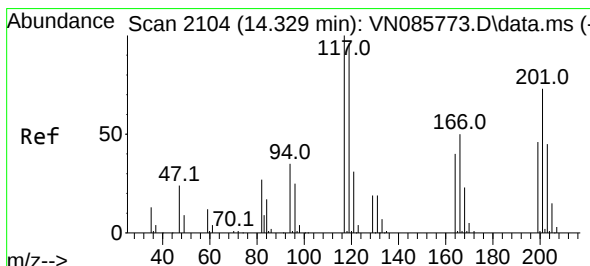
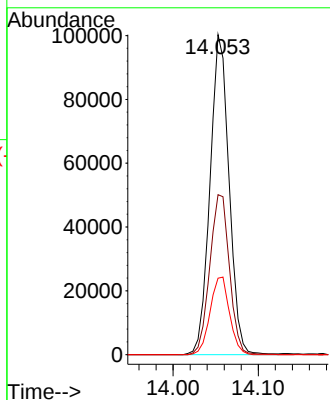
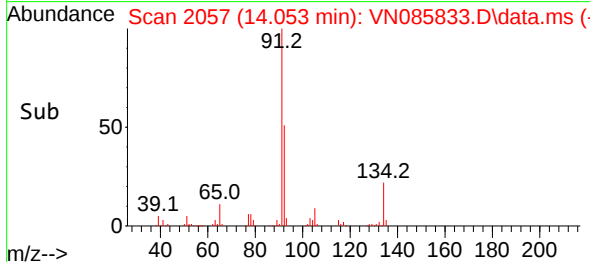
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



Tgt Ion: 91 Resp: 155594
Ion Ratio Lower Upper
91 100
92 51.7 27.1 81.3
134 24.7 12.7 38.1

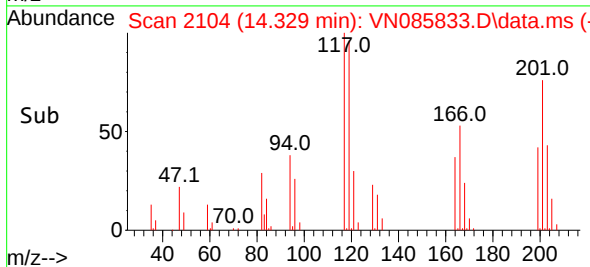
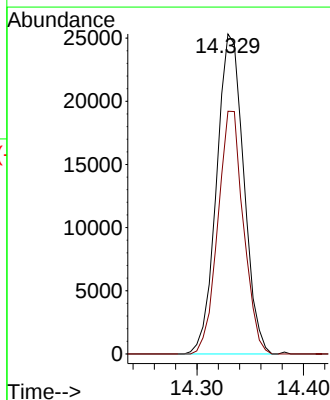
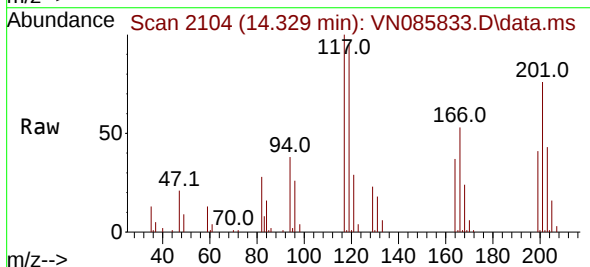
Manual Integrations
APPROVED

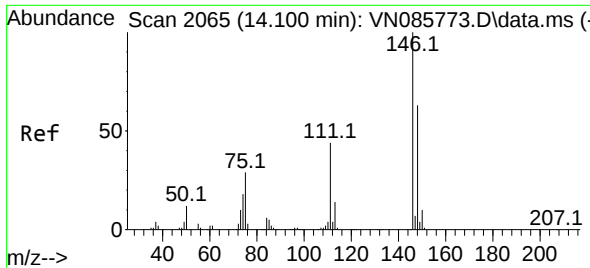
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#90
Hexachloroethane
Concen: 19.544 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

Tgt Ion:117 Resp: 44767
Ion Ratio Lower Upper
117 100
201 71.6 35.6 106.9





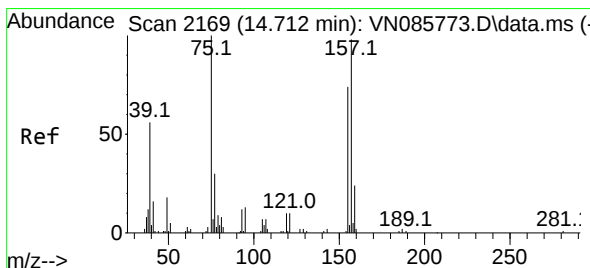
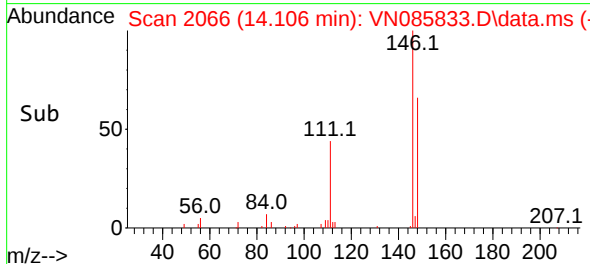
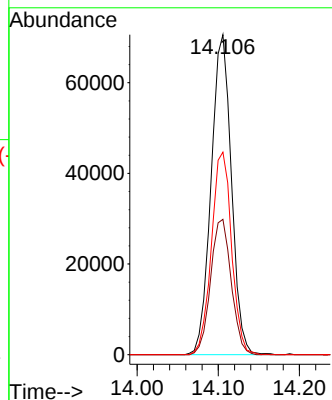
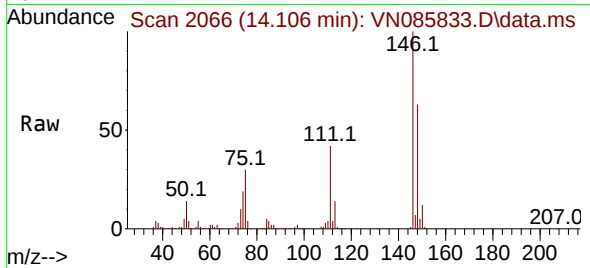
#91
1,2-Dichlorobenzene
Concen: 20.105 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

Tgt Ion:146 Resp: 122292
Ion Ratio Lower Upper
146 100
111 43.1 21.4 64.3
148 63.0 32.0 96.2

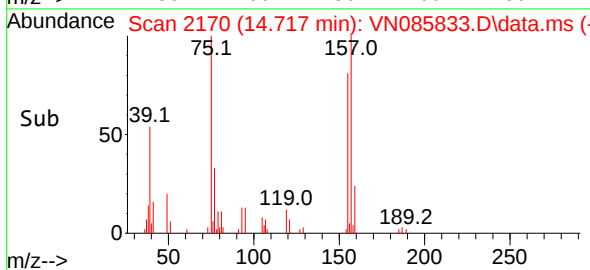
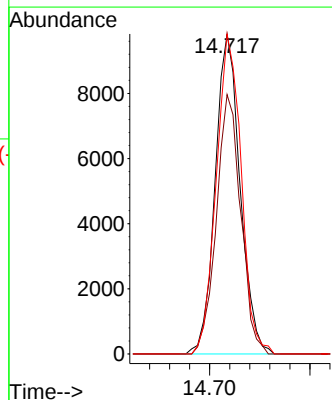
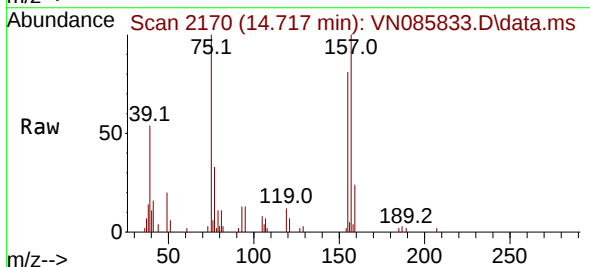
Manual Integrations
APPROVED

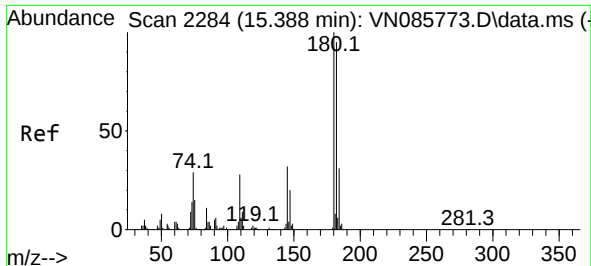
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.380 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

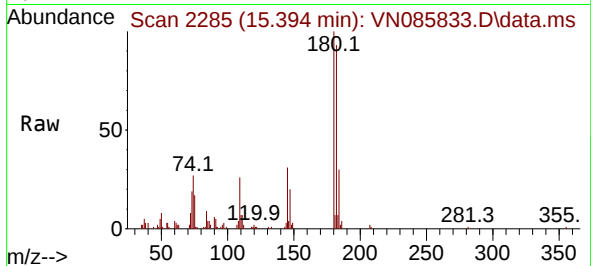
Tgt Ion: 75 Resp: 16882
Ion Ratio Lower Upper
75 100
155 79.7 39.9 119.6
157 100.3 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 18.536 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

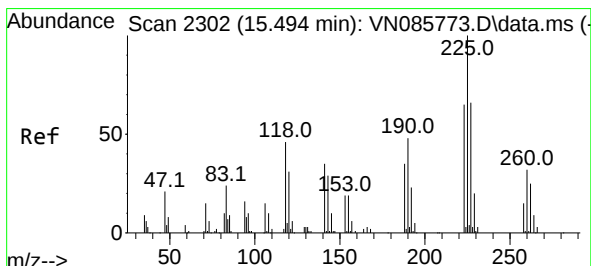
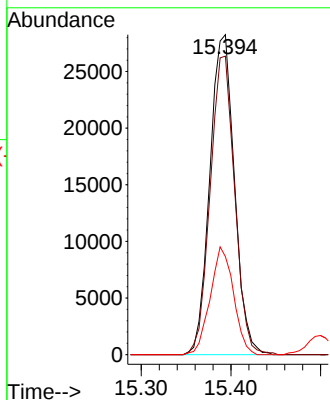
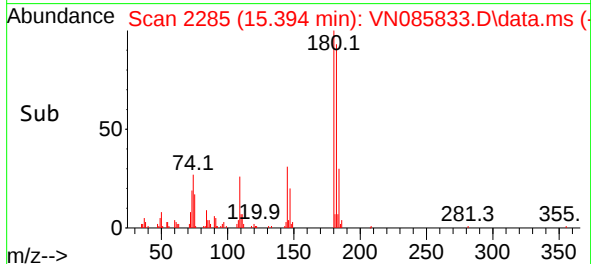
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



Tgt Ion:180 Resp: 5372
Ion Ratio Lower Upper
180 100
182 92.7 47.3 141.9
145 32.0 16.2 48.5

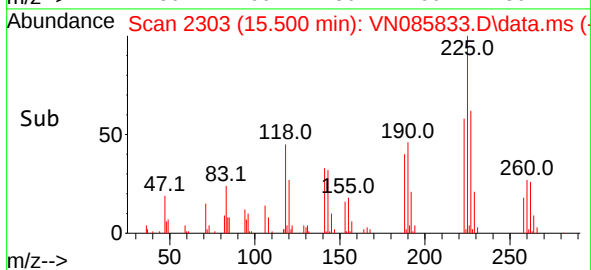
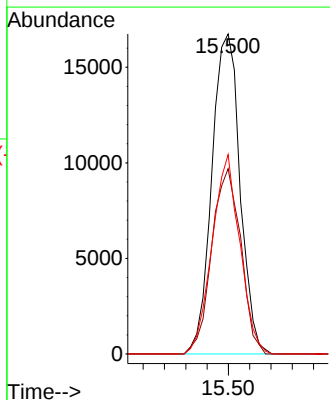
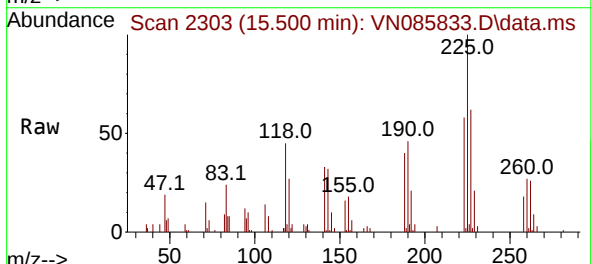
Manual Integrations
APPROVED

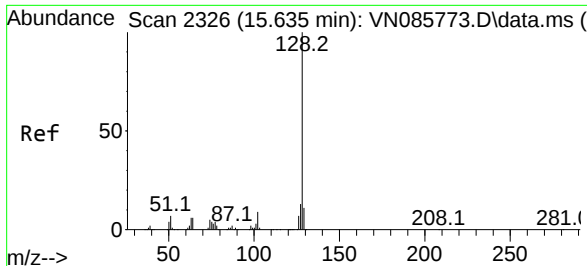
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#94
Hexachlorobutadiene
Concen: 17.431 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

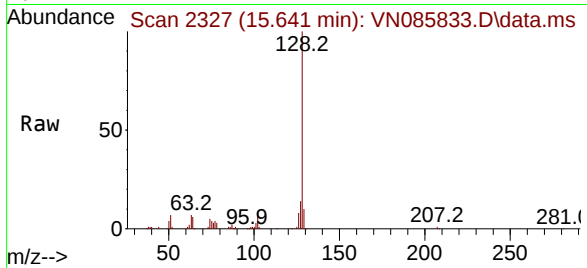
Tgt Ion:225 Resp: 30704
Ion Ratio Lower Upper
225 100
223 59.6 31.9 95.5
227 61.4 32.2 96.6





#95
Naphthalene
Concen: 19.313 ug/l
RT: 15.641 min Scan# 2326
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

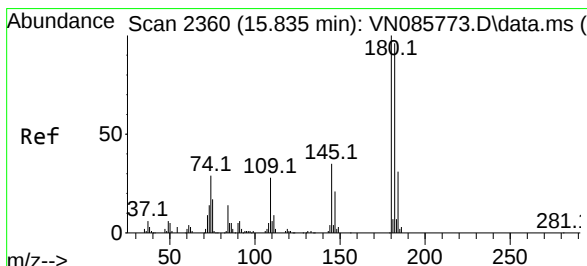
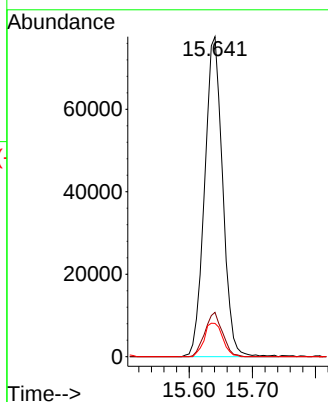
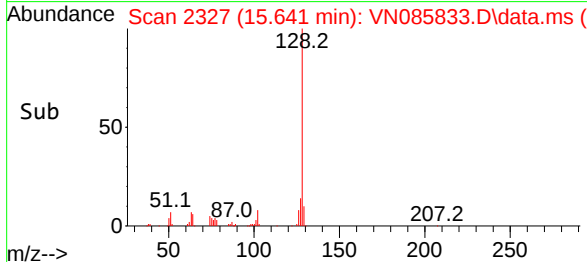
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



Tgt Ion:128 Resp: 153679
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.2
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.091 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN085833.D
Acq: 24 Feb 2025 13:36

Tgt Ion:180 Resp: 55549
Ion Ratio Lower Upper
180 100
182 94.7 47.3 141.8
145 33.7 16.9 50.6

