

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022125\
 Data File : VN085806.D
 Acq On : 21 Feb 2025 16:39
 Operator : JC\MD
 Sample : VN0221WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/24/2025
 Supervised By : Mahesh Dadoda 02/24/2025

Quant Time: Feb 22 02:36:40 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	271259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	440205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	391453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	190177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	187122	53.208	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.420%			
35) Dibromofluoromethane	8.165	113	158099	54.886	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.780%			
50) Toluene-d8	10.565	98	574729	54.840	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.680%			
62) 4-Bromofluorobenzene	12.847	95	193245	55.965	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.940%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	72907	19.760	ug/l	98
3) Chloromethane	2.359	50	73289	19.795	ug/l	100
4) Vinyl Chloride	2.512	62	76187	19.435	ug/l	98
5) Bromomethane	2.965	94	49048	19.568	ug/l	98
6) Chloroethane	3.124	64	48232	18.575	ug/l	99
7) Trichlorofluoromethane	3.501	101	111292	19.609	ug/l	98
8) Diethyl Ether	3.959	74	38414	20.918	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	65751	20.041	ug/l	99
10) Methyl Iodide	4.589	142	81570	20.170	ug/l	98
11) Tert butyl alcohol	5.518	59	48207	111.451	ug/l #	87
12) 1,1-Dichloroethene	4.336	96	57011	19.165	ug/l	98
13) Acrolein	4.177	56	82636	128.831	ug/l	98
14) Allyl chloride	5.024	41	76082	19.480	ug/l	97
15) Acrylonitrile	5.718	53	160179	113.913	ug/l	99
16) Acetone	4.418	43	121291	108.999	ug/l	100
17) Carbon Disulfide	4.712	76	162965	18.485	ug/l	99
18) Methyl Acetate	5.024	43	85060	22.224	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	189648	21.454	ug/l	100
20) Methylene Chloride	5.271	84	72446	20.245	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	62389	19.478	ug/l	95
22) Diisopropyl ether	6.665	45	193433	21.919	ug/l	97
23) Vinyl Acetate	6.600	43	639849	105.891	ug/l	99
24) 1,1-Dichloroethane	6.565	63	122072	20.348	ug/l	96
25) 2-Butanone	7.477	43	186737	114.066	ug/l	99
26) 2,2-Dichloropropane	7.489	77	104904	19.665	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	74582	20.082	ug/l	98
28) Bromochloromethane	7.812	49	53063	21.520	ug/l	99
29) Tetrahydrofuran	7.836	42	126040	119.227	ug/l	100
30) Chloroform	7.965	83	129995	20.735	ug/l	100
31) Cyclohexane	8.253	56	89560	17.830	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	113478	20.350	ug/l	98
36) 1,1-Dichloropropene	8.371	75	83235	20.417	ug/l	99
37) Ethyl Acetate	7.559	43	76789	22.889	ug/l	99
38) Carbon Tetrachloride	8.359	117	99656	20.574	ug/l	97
39) Methylcyclohexane	9.594	83	75003	18.728	ug/l	99
40) Benzene	8.600	78	275128	21.057	ug/l	99

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 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)
41) Methacrylonitrile	7.771	41	41524	23.153	ug/l	95
42) 1,2-Dichloroethane	8.665	62	92611	21.760	ug/l	100
43) Isopropyl Acetate	8.683	43	127187	21.288	ug/l	98
44) Trichloroethene	9.347	130	64358	20.061	ug/l	97
45) 1,2-Dichloropropane	9.618	63	67925	21.537	ug/l	99
46) Dibromomethane	9.706	93	49856	22.411	ug/l	99
47) Bromodichloromethane	9.882	83	102783	21.595	ug/l	98
48) Methyl methacrylate	9.677	41	56086	22.511	ug/l	98
49) 1,4-Dioxane	9.688	88	23234	490.383	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	393967	121.800	ug/l	99
52) Toluene	10.624	92	166730	21.769	ug/l	98
53) t-1,3-Dichloropropene	10.829	75	96228	21.865	ug/l	95
54) cis-1,3-Dichloropropene	10.306	75	104771	21.709	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	67318	22.106	ug/l	100
56) Ethyl methacrylate	10.871	69	89110	21.999	ug/l	98
57) 1,3-Dichloropropane	11.159	76	112757	22.181	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	190639	129.233	ug/l	99
59) 2-Hexanone	11.194	43	280978	126.272	ug/l	99
60) Dibromochloromethane	11.359	129	79166	22.326	ug/l	100
61) 1,2-Dibromoethane	11.465	107	64832	22.533	ug/l	100
64) Tetrachloroethene	11.100	164	60599	19.983	ug/l	96
65) Chlorobenzene	11.888	112	183284	20.438	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	68630	21.292	ug/l	98
67) Ethyl Benzene	11.959	91	286448	20.392	ug/l	97
68) m/p-Xylenes	12.071	106	231727	43.428	ug/l	100
69) o-Xylene	12.394	106	104847	20.678	ug/l	98
70) Styrene	12.406	104	181737	20.738	ug/l	99
71) Bromoform	12.576	173	53324	22.264	ug/l #	97
73) Isopropylbenzene	12.694	105	260408	19.987	ug/l	99
74) N-amyl acetate	12.488	43	98648	21.471	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	95362	21.270	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	84704m	20.051	ug/l	
77) Bromobenzene	12.976	156	73094	20.765	ug/l	97
78) n-propylbenzene	13.029	91	313650	21.020	ug/l	99
79) 2-Chlorotoluene	13.123	91	201377	20.199	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	227305	21.417	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	30218	20.871	ug/l	98
82) 4-Chlorotoluene	13.218	91	209124	21.159	ug/l	99
83) tert-Butylbenzene	13.435	119	178799	20.034	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	226066	21.529	ug/l	100
85) sec-Butylbenzene	13.612	105	258461	20.497	ug/l	100
86) p-Isopropyltoluene	13.729	119	213734	19.811	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	134299	20.364	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	130093	19.247	ug/l	99
89) n-Butylbenzene	14.053	91	167026	18.656	ug/l	98
90) Hexachloroethane	14.329	117	46008	19.265	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	129302	20.389	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	16909	20.538	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	56095	18.563	ug/l	98
94) Hexachlorobutadiene	15.494	225	30441	16.575	ug/l	100
95) Naphthalene	15.641	128	151232	18.229	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	57280	18.881	ug/l	98

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MSVOA_N
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VN0221WBSD01

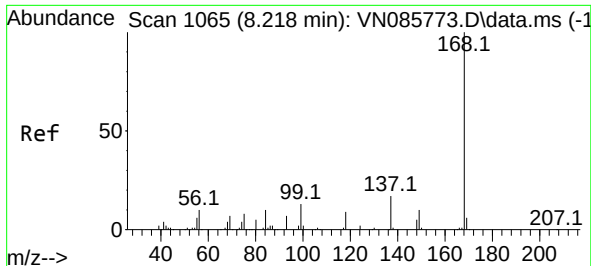
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/24/2025

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



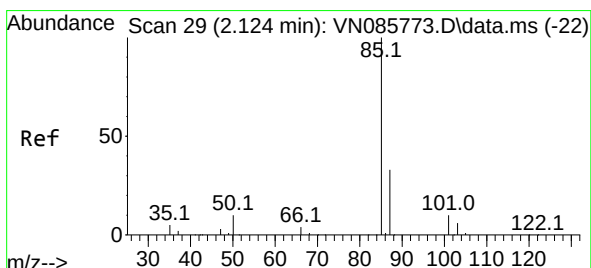
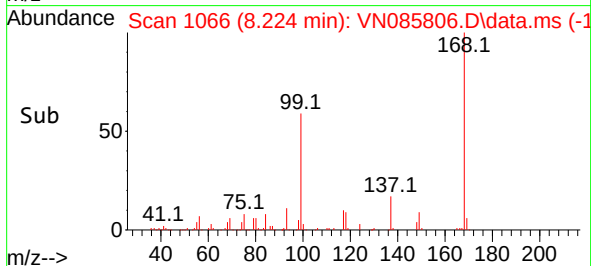
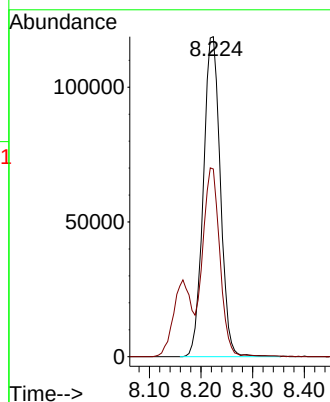
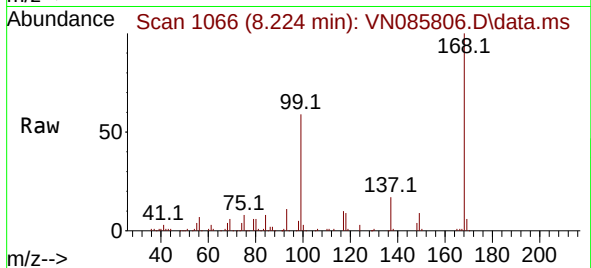
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085806.D
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MSVOA_N
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VN0221WBSD01

Tgt Ion:168 Resp: 271259
Ion Ratio Lower Upper
168 100
99 58.4 47.9 71.9

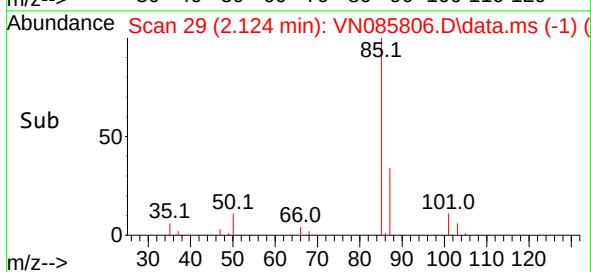
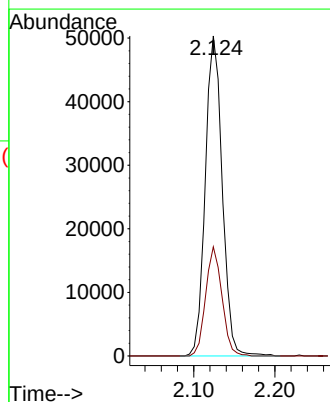
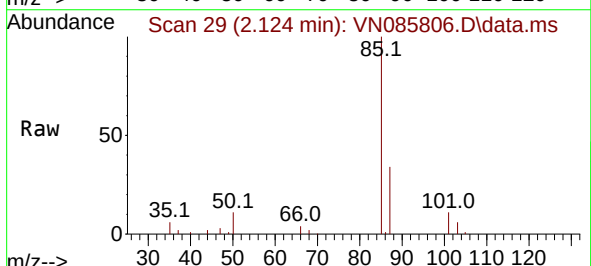
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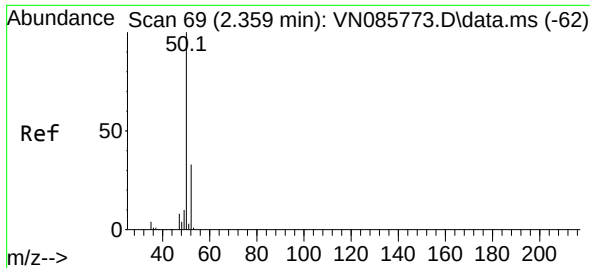
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#2
Dichlorodifluoromethane
Concen: 19.760 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

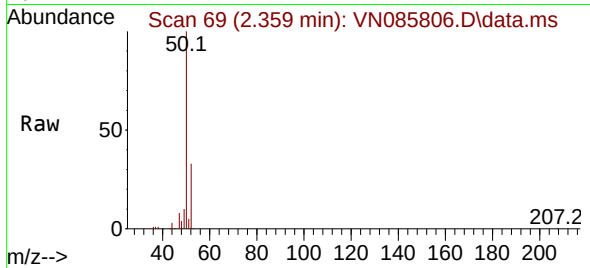
Tgt Ion: 85 Resp: 72907
Ion Ratio Lower Upper
85 100
87 34.1 16.4 49.2





#3
Chloromethane
Concen: 19.795 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

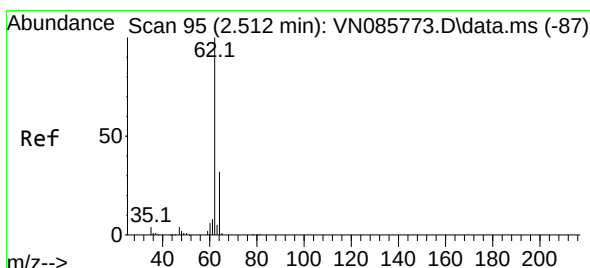
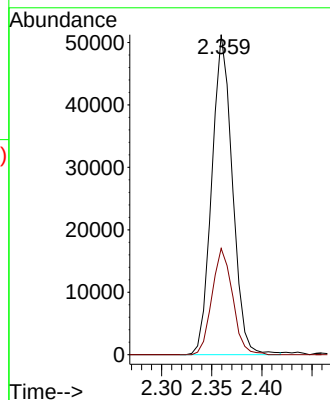
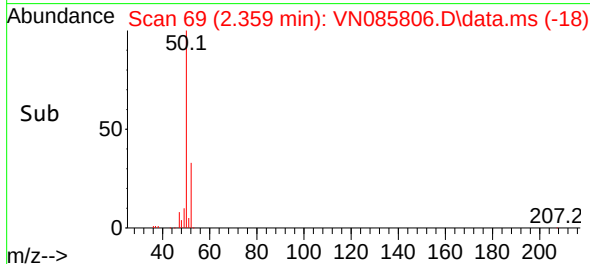
Instrument :
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VN0221WBSD01



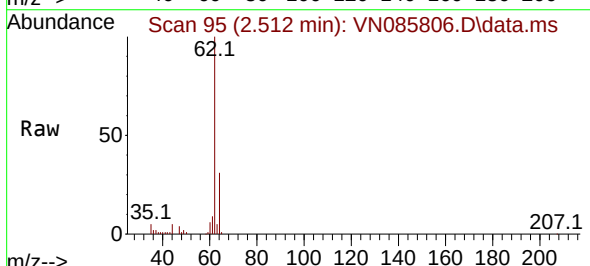
Tgt Ion: 50 Resp: 73289
Ion Ratio Lower Upper
50 100
52 33.2 26.7 40.1

Manual Integrations
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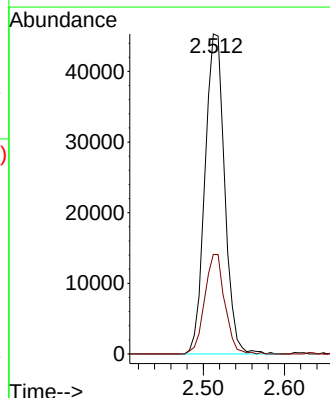
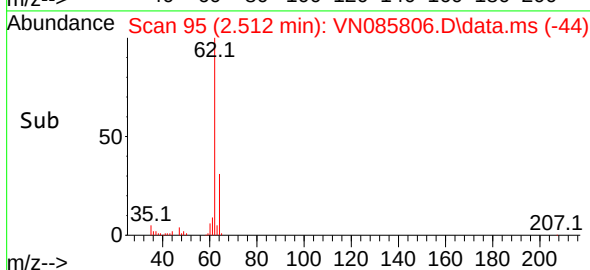
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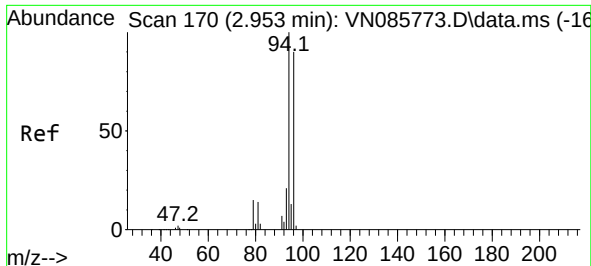


#4
Vinyl Chloride
Concen: 19.435 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39



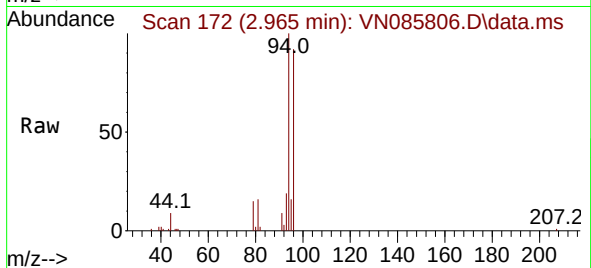
Tgt Ion: 62 Resp: 76187
Ion Ratio Lower Upper
62 100
64 31.1 25.9 38.9





#5
Bromomethane
Concen: 19.568 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

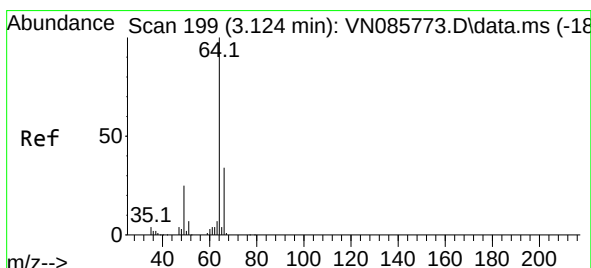
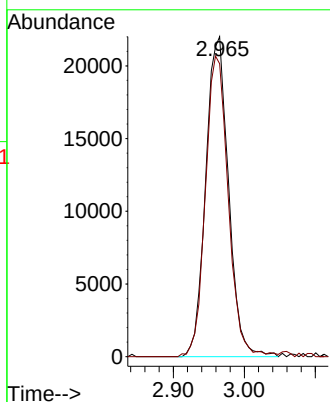
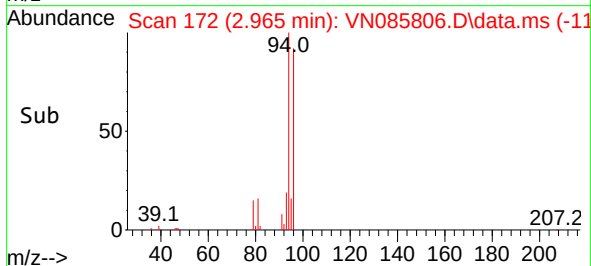
Instrument :
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Tgt Ion: 94 Resp: 4904
Ion Ratio Lower Upper
94 100
96 91.5 71.7 107.5

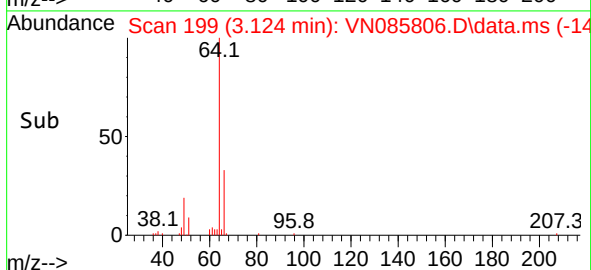
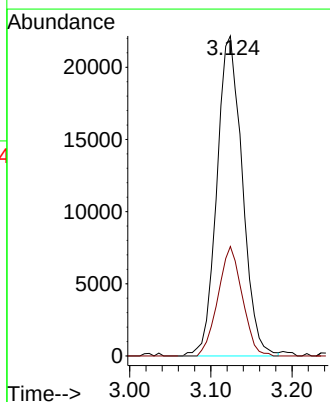
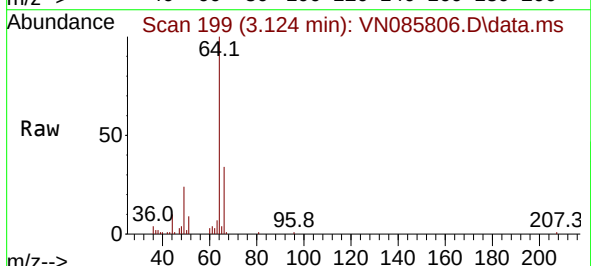
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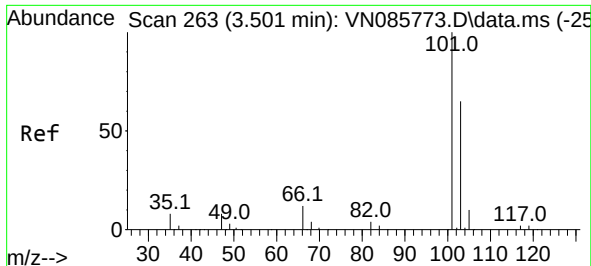
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#6
Chloroethane
Concen: 18.575 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

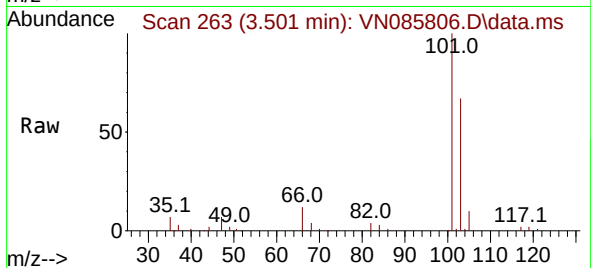
Tgt Ion: 64 Resp: 48232
Ion Ratio Lower Upper
64 100
66 34.2 27.0 40.6





#7
 Trichlorofluoromethane
 Concen: 19.609 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN085806.D
 Acq: 21 Feb 2025 16:39

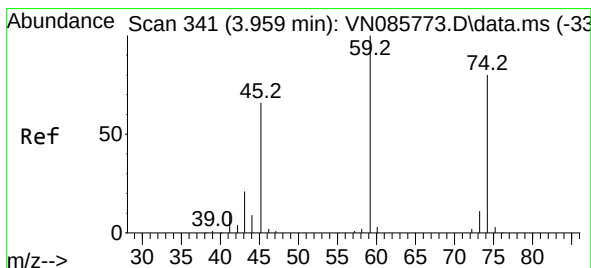
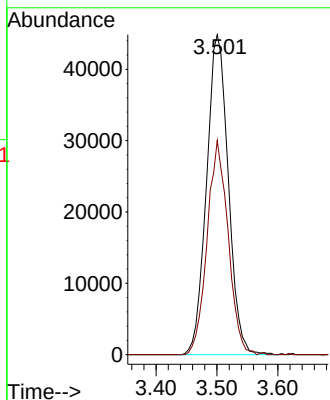
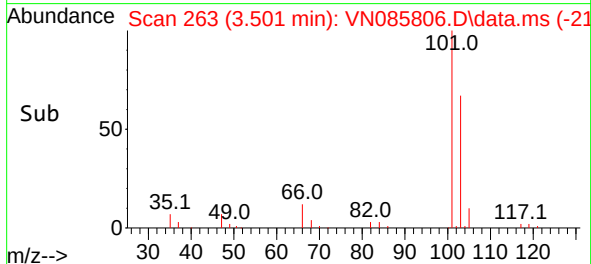
Instrument :
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Tgt Ion:101 Resp: 11129
 Ion Ratio Lower Upper
 101 100
 103 66.9 52.2 78.4

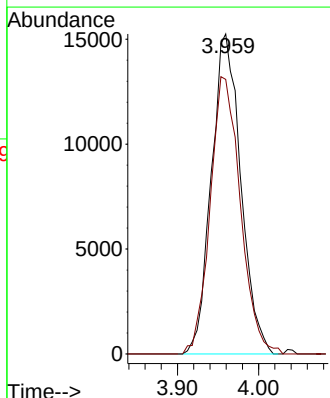
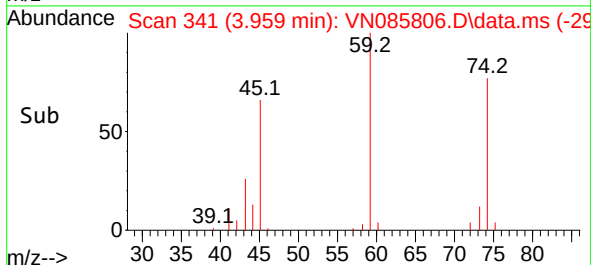
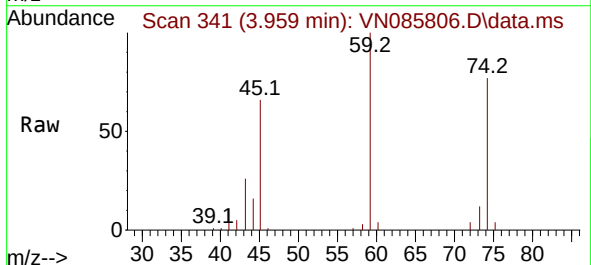
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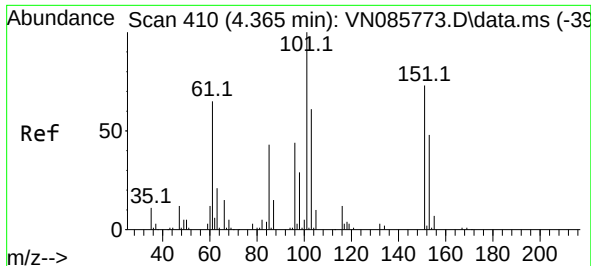
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#8
 Diethyl Ether
 Concen: 20.918 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN085806.D
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Tgt Ion: 74 Resp: 38414
 Ion Ratio Lower Upper
 74 100
 45 88.8 42.5 127.6





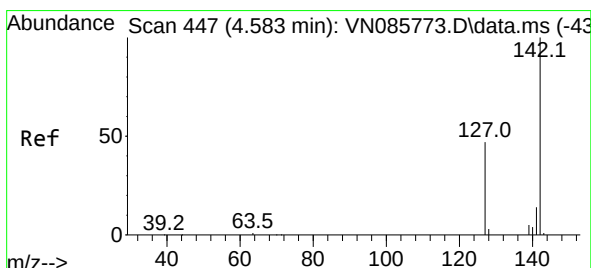
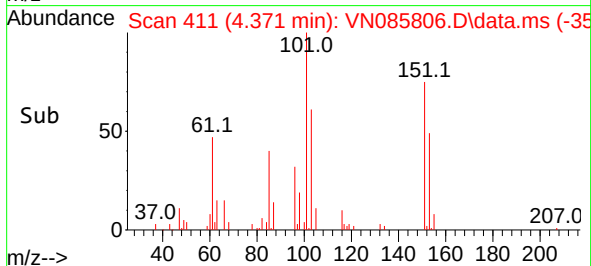
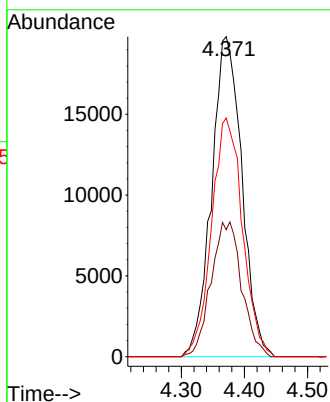
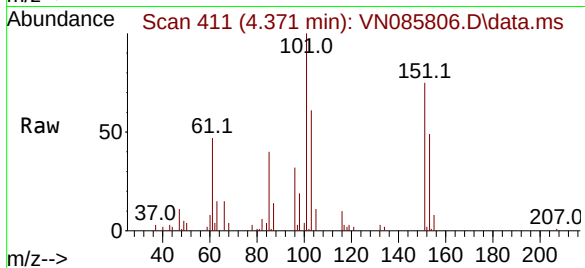
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1,1,2-Trichlorotrifluoroethane
Concen: 20.041 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 6575
Ion Ratio Lower Upper
101 100
85 42.8 35.7 53.5
151 76.2 61.4 92.2

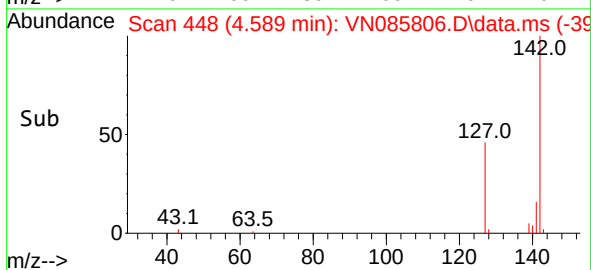
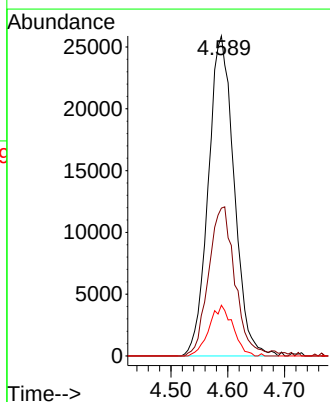
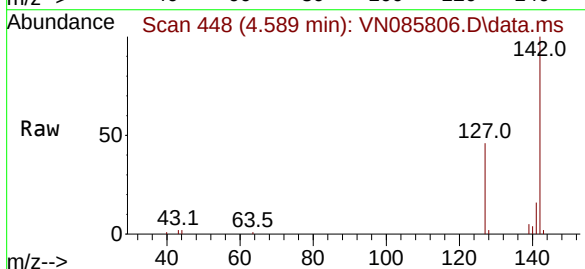
Manual Integrations
APPROVED

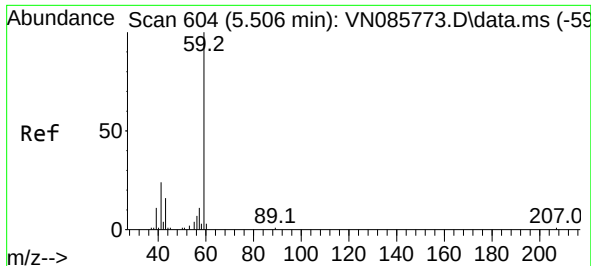
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#10
Methyl Iodide
Concen: 20.170 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

Tgt Ion:142 Resp: 81570
Ion Ratio Lower Upper
142 100
127 46.2 37.6 56.4
141 15.8 11.4 17.2





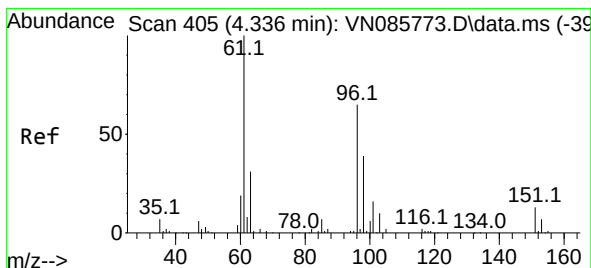
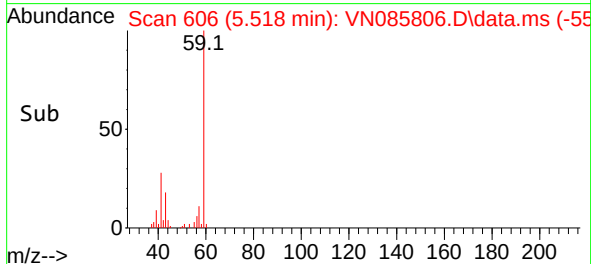
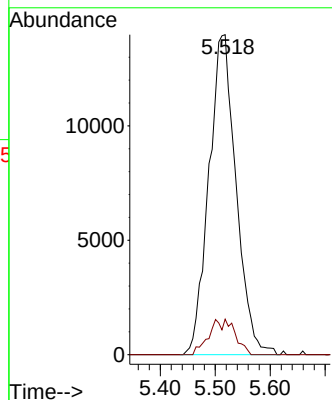
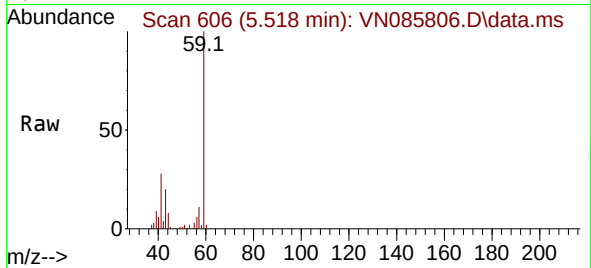
#11
Tert butyl alcohol
Concen: 111.451 ug/l
RT: 5.518 min Scan# 604
Delta R.T. 0.012 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

Instrument :
MSVOA_N
Client SampleId :
VN0221WBSD01

Tgt Ion: 59 Resp: 4820
Ion Ratio Lower Upper
59 100
57 5.6 8.3 12.5

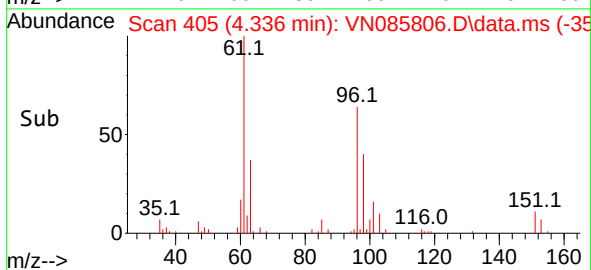
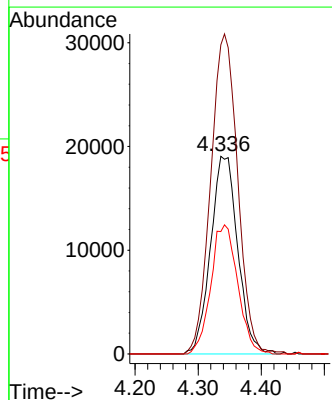
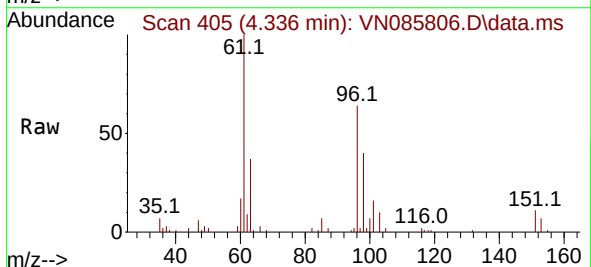
Manual Integrations
APPROVED

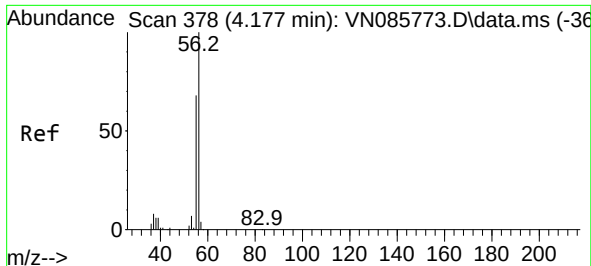
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#12
1,1-Dichloroethene
Concen: 19.165 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

Tgt Ion: 96 Resp: 57011
Ion Ratio Lower Upper
96 100
61 156.4 123.3 184.9
98 61.9 48.6 72.8





#13

Acrolein

Concen: 128.831 ug/l

RT: 4.177 min Scan# 378

Delta R.T. 0.000 min

Lab File: VN085806.D

Acq: 21 Feb 2025 16:39

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBSD01

Tgt Ion: 56 Resp: 82630

Ion Ratio Lower Upper

56 100

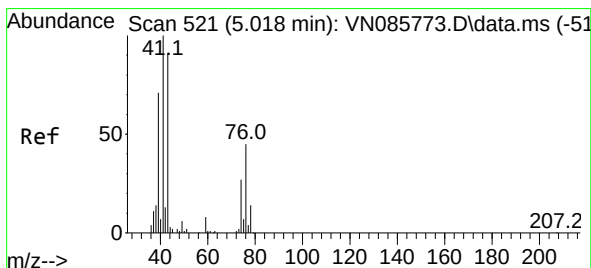
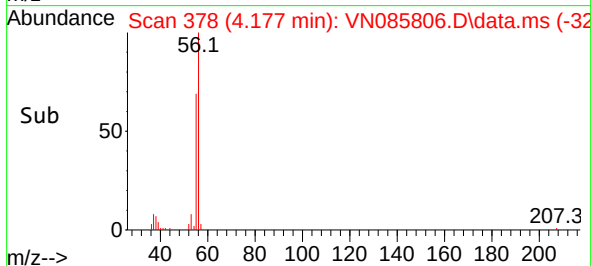
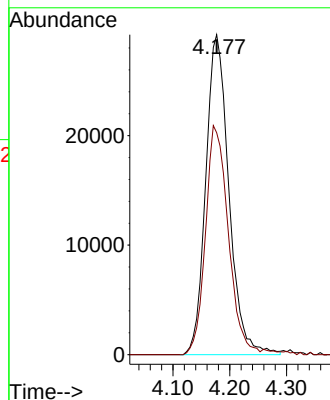
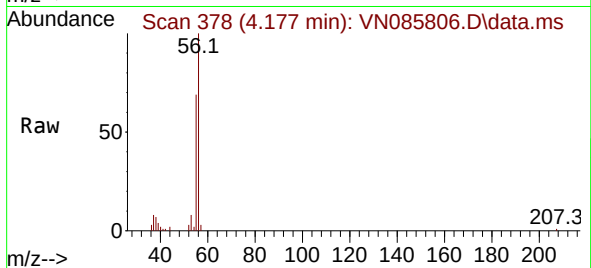
55 70.6 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#14

Allyl chloride

Concen: 19.480 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN085806.D

Acq: 21 Feb 2025 16:39

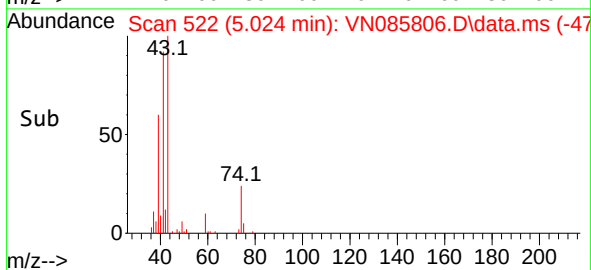
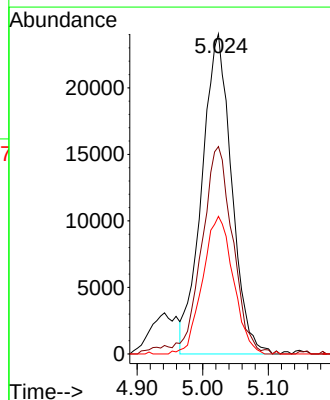
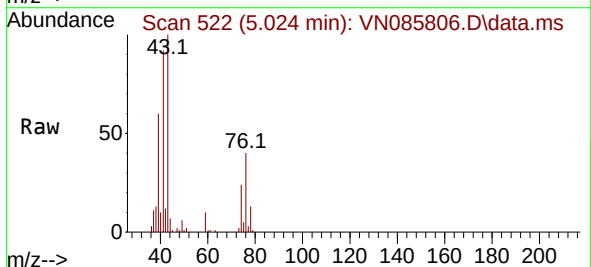
Tgt Ion: 41 Resp: 76082

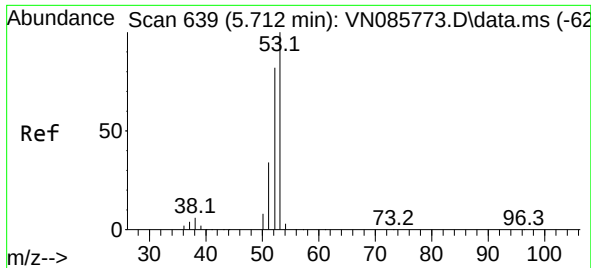
Ion Ratio Lower Upper

41 100

39 68.5 57.4 86.2

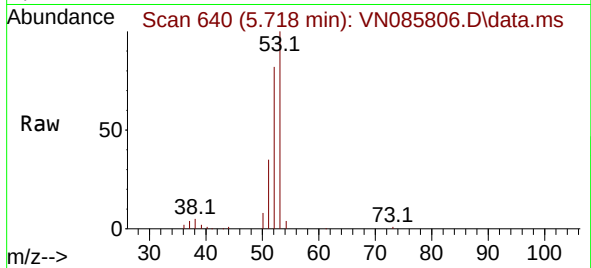
76 44.1 36.2 54.2





#15
Acrylonitrile
Concen: 113.913 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

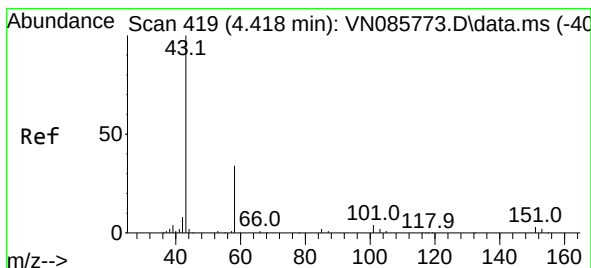
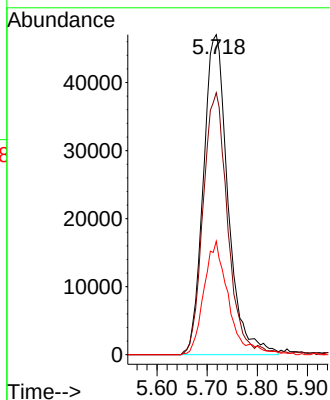
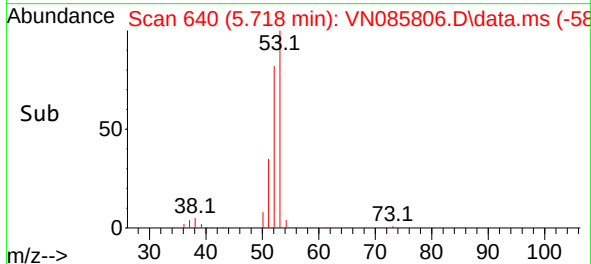
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



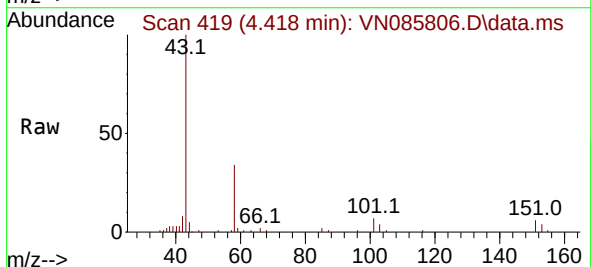
Tgt Ion: 53 Resp: 160179
Ion Ratio Lower Upper
53 100
52 80.4 65.8 98.6
51 35.8 28.6 42.8

Manual Integrations
APPROVED

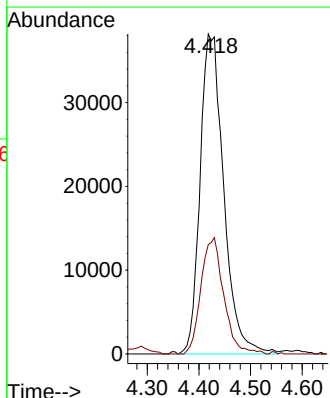
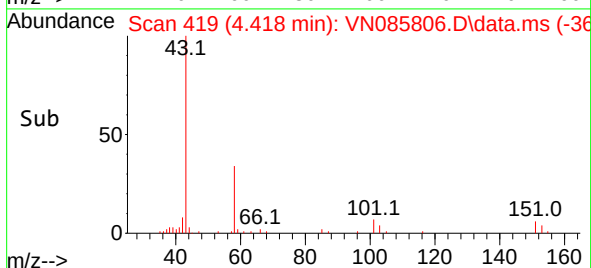
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

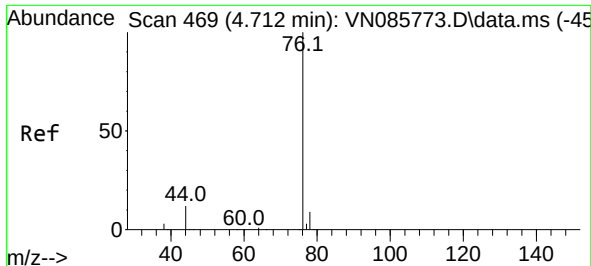


#16
Acetone
Concen: 108.999 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39



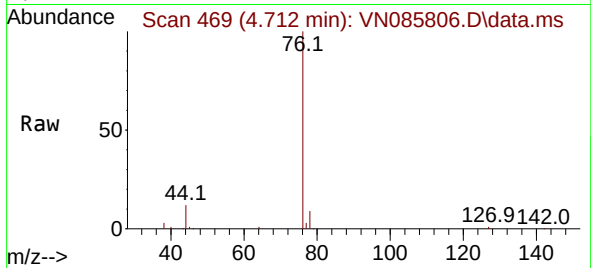
Tgt Ion: 43 Resp: 121291
Ion Ratio Lower Upper
43 100
58 34.2 27.5 41.3





#17
Carbon Disulfide
Concen: 18.485 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

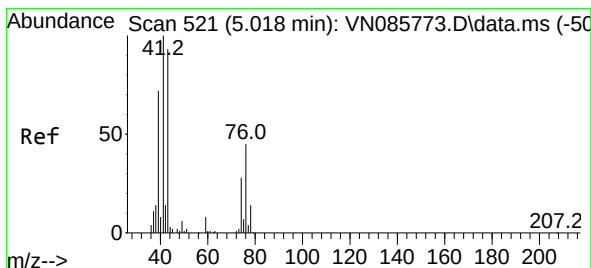
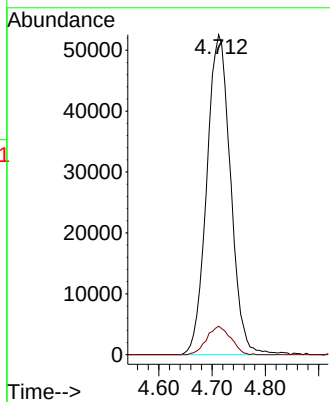
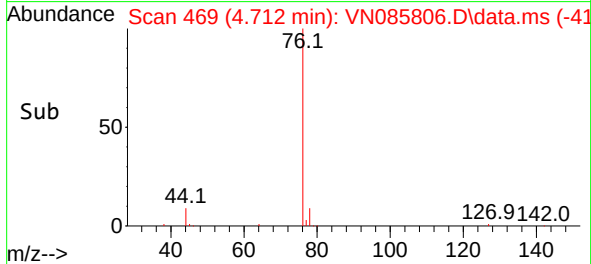
Instrument :
MSVOA_N
Client Sample Id :
VN0221WBSD01



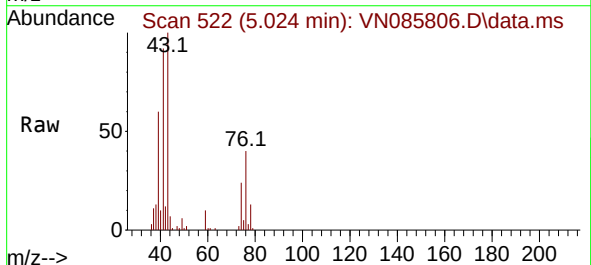
Tgt Ion: 76 Resp: 16296
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

Manual Integrations
APPROVED

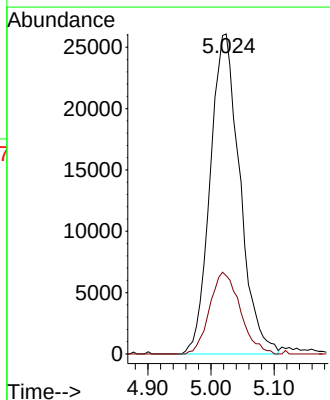
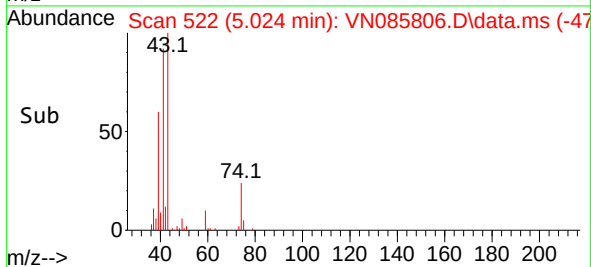
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

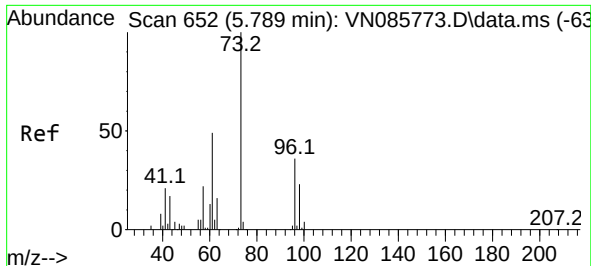


#18
Methyl Acetate
Concen: 22.224 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39



Tgt Ion: 43 Resp: 85060
Ion Ratio Lower Upper
43 100
74 26.3 22.2 33.4





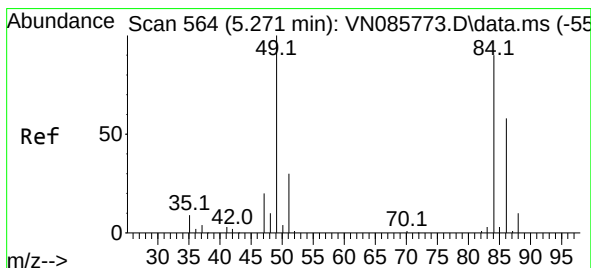
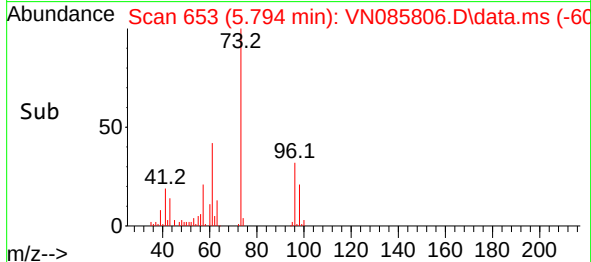
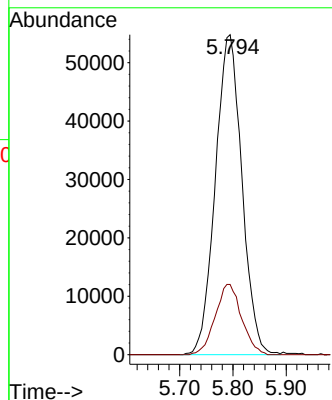
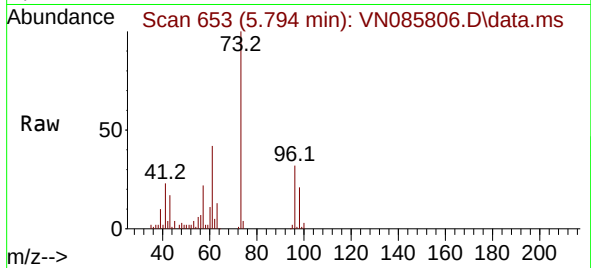
#19
Methyl tert-butyl Ether
Concen: 21.454 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

Tgt Ion: 73 Resp: 18964
Ion Ratio Lower Upper
73 100
57 22.0 17.6 26.4

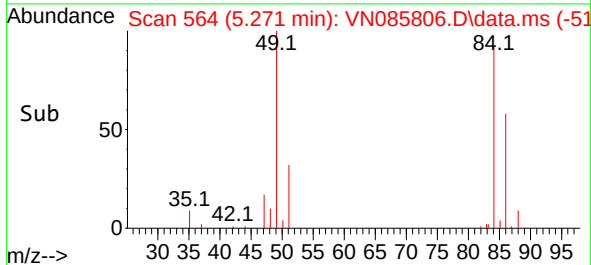
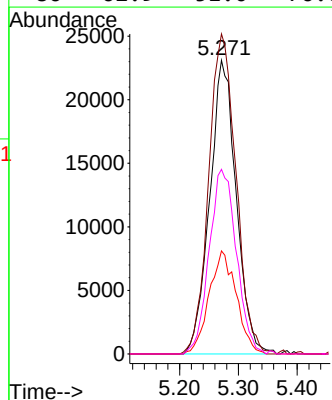
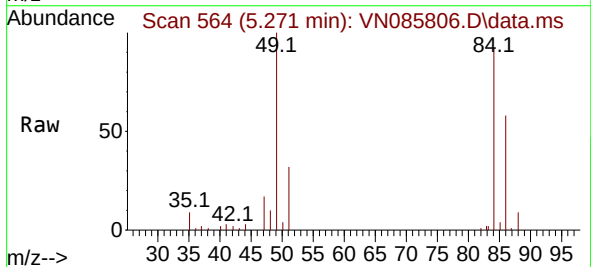
Manual Integrations
APPROVED

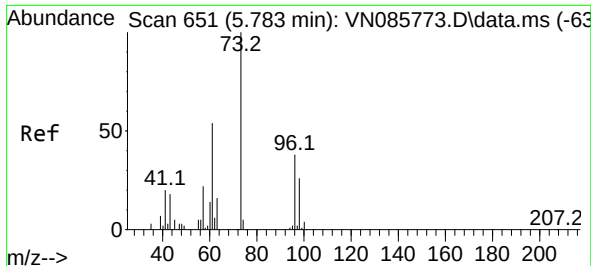
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#20
Methylene Chloride
Concen: 20.245 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

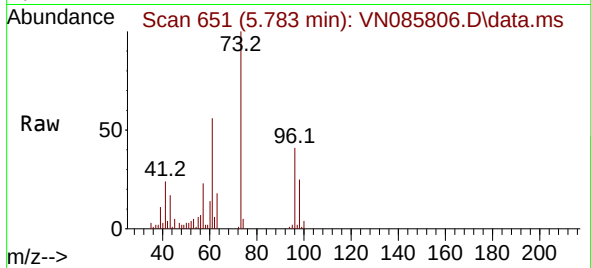
Tgt Ion: 84 Resp: 72446
Ion Ratio Lower Upper
84 100
49 109.0 88.4 132.6
51 35.1 26.6 40.0
86 62.9 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 19.478 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

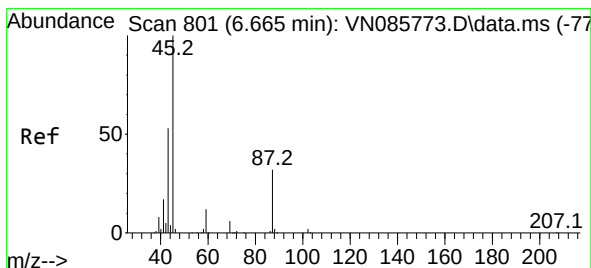
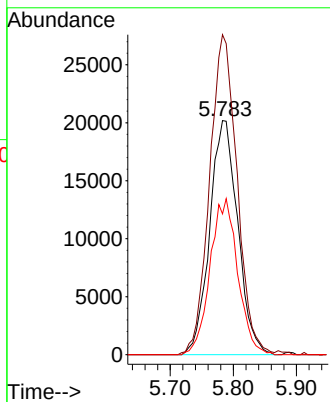
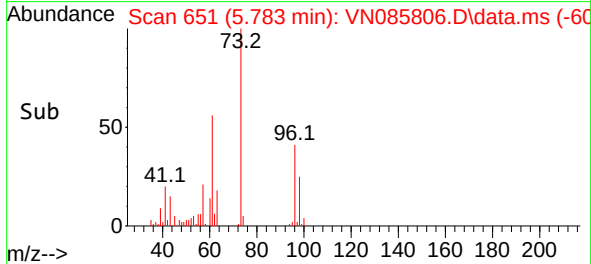
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



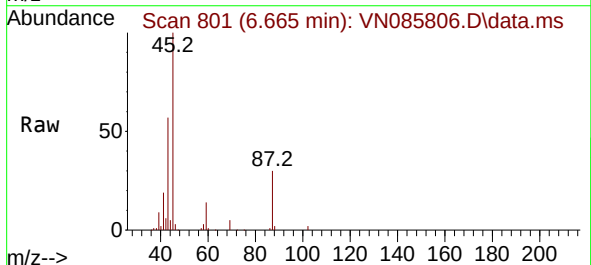
Tgt Ion: 96 Resp: 62389
Ion Ratio Lower Upper
96 100
61 136.7 112.6 168.8
98 60.2 53.3 79.9

Manual Integrations
APPROVED

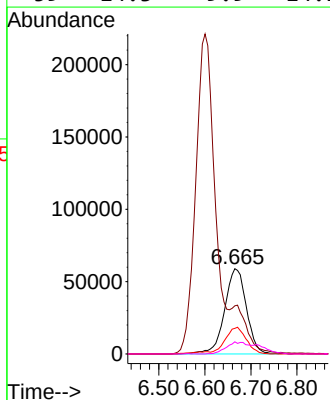
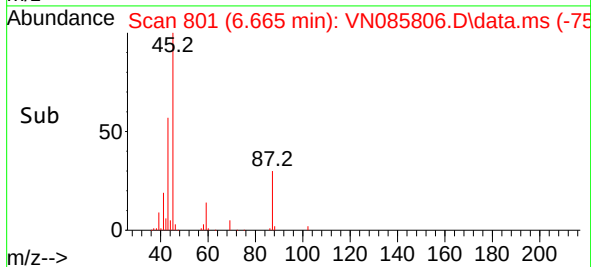
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

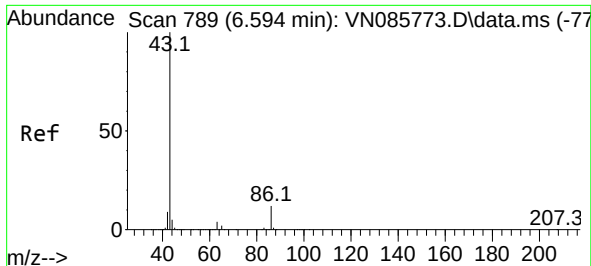


#22
Diisopropyl ether
Concen: 21.919 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39



Tgt Ion: 45 Resp: 193433
Ion Ratio Lower Upper
45 100
43 55.0 42.6 64.0
87 30.0 25.8 38.8
59 14.3 9.9 14.9





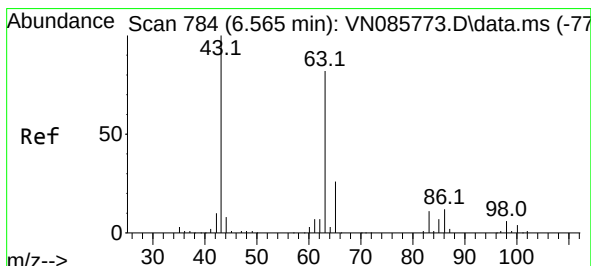
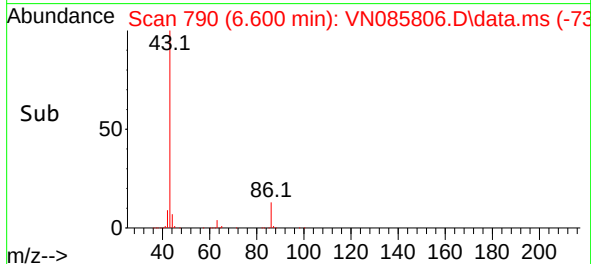
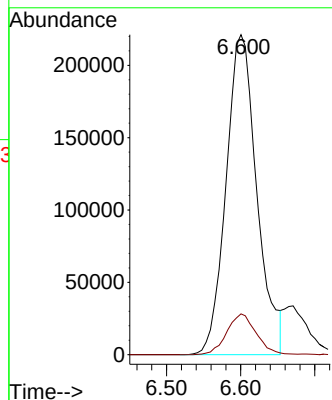
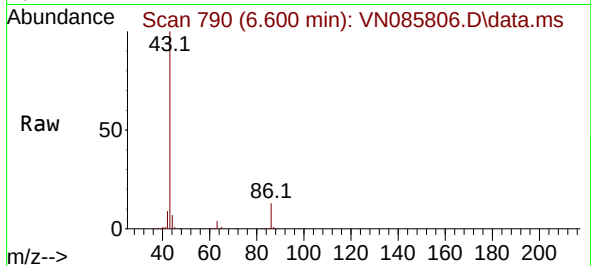
#23
 Vinyl Acetate
 Concen: 105.891 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085806.D
 Acq: 21 Feb 2025 16:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBSD01

Tgt Ion: 43 Resp: 639849
 Ion Ratio Lower Upper
 43 100
 86 12.8 9.8 14.8

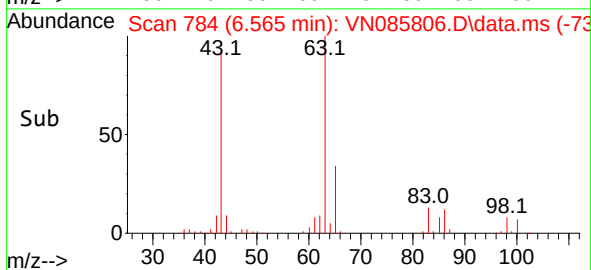
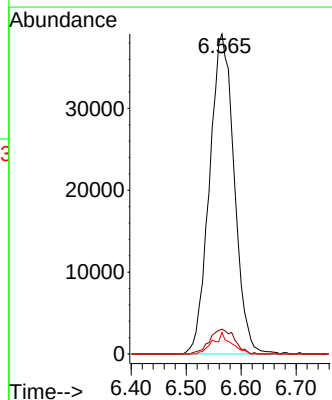
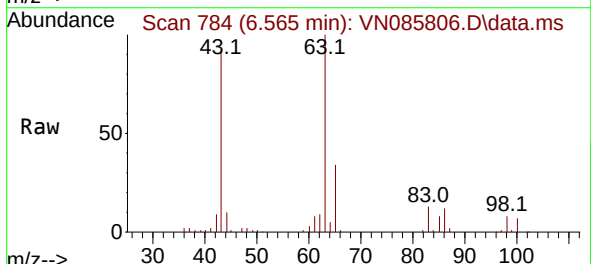
Manual Integrations
 APPROVED

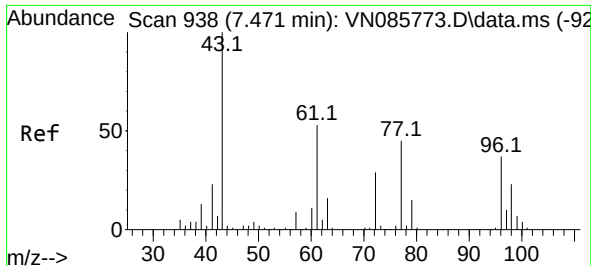
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025



#24
 1,1-Dichloroethane
 Concen: 20.348 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085806.D
 Acq: 21 Feb 2025 16:39

Tgt Ion: 63 Resp: 122072
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.4
 100 6.7 2.4 7.2





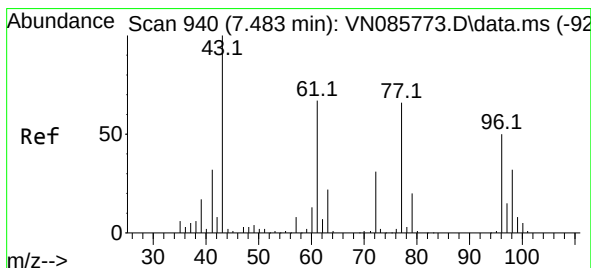
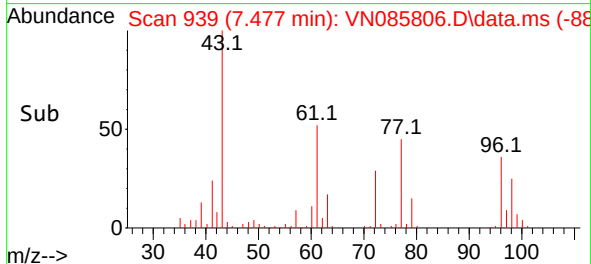
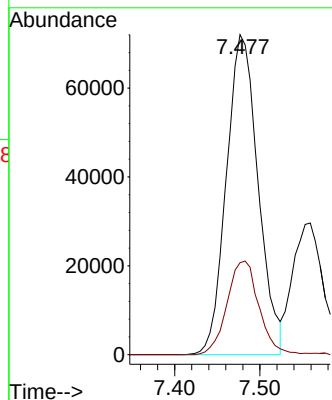
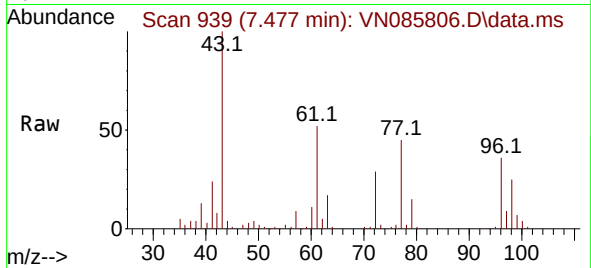
#25
2-Butanone
Concen: 114.066 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

Tgt Ion: 43 Resp: 18673
Ion Ratio Lower Upper
43 100
72 28.7 23.6 35.4

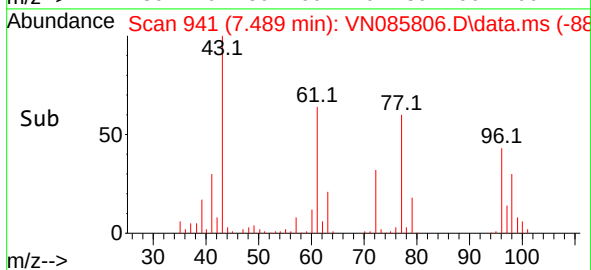
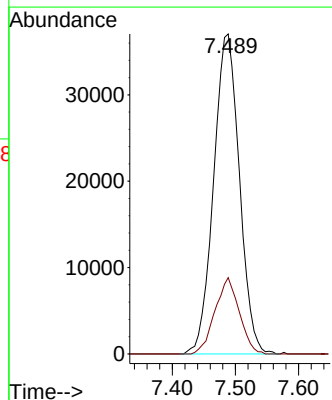
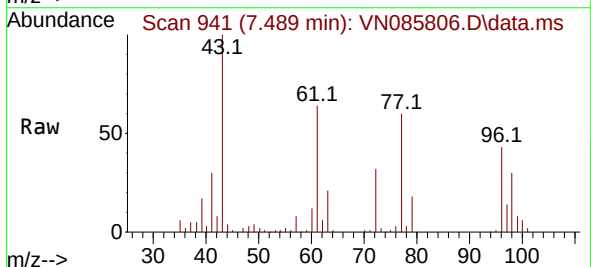
Manual Integrations
APPROVED

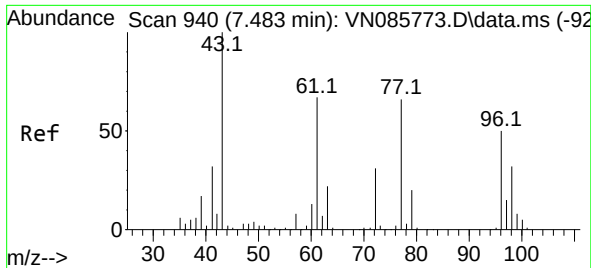
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#26
2,2-Dichloropropane
Concen: 19.665 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

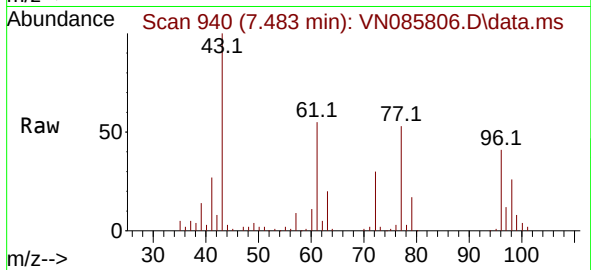
Tgt Ion: 77 Resp: 104904
Ion Ratio Lower Upper
77 100
97 22.5 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 20.082 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085806.D
 Acq: 21 Feb 2025 16:39

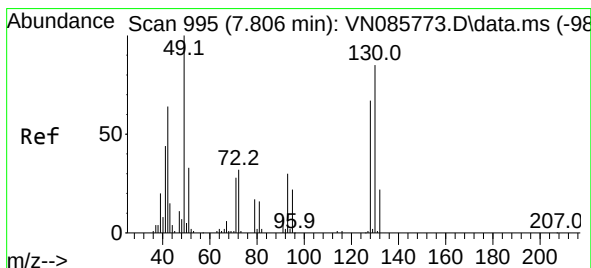
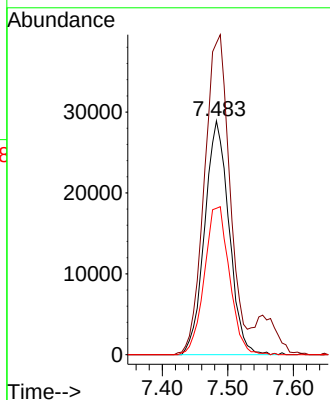
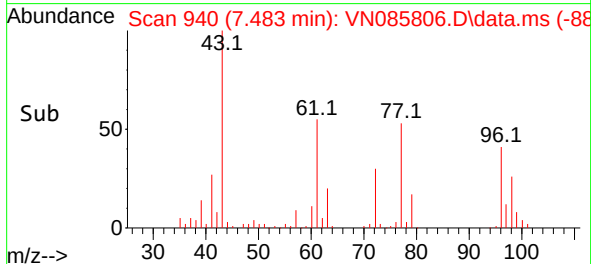
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBSD01



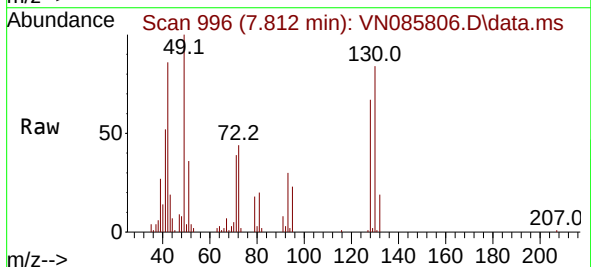
Tgt Ion: 96 Resp: 7458
 Ion Ratio Lower Upper
 96 100
 61 142.3 0.0 280.6
 98 65.5 0.0 128.6

Manual Integrations
 APPROVED

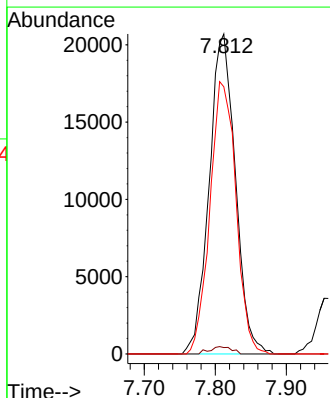
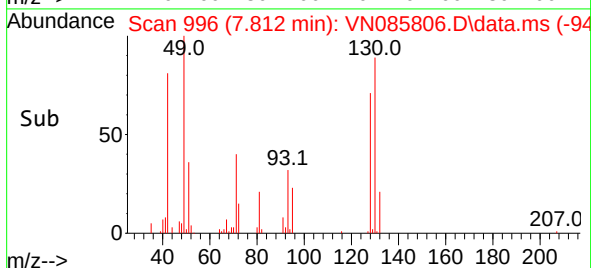
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025

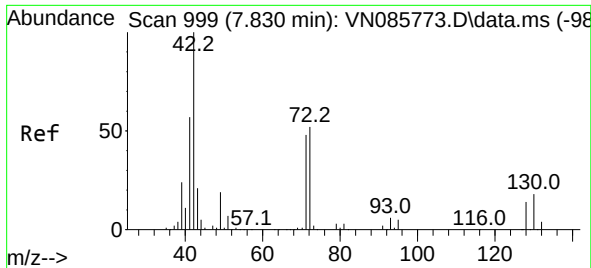


#28
 Bromochloromethane
 Concen: 21.520 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085806.D
 Acq: 21 Feb 2025 16:39



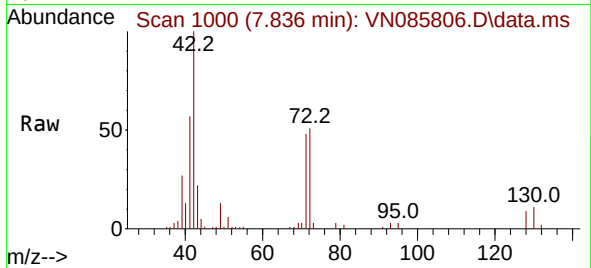
Tgt Ion: 49 Resp: 53063
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 84.3 68.0 102.0





#29
Tetrahydrofuran
Concen: 119.227 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

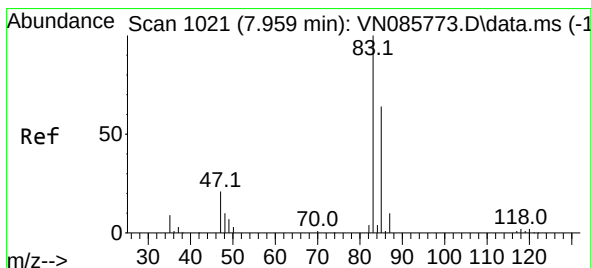
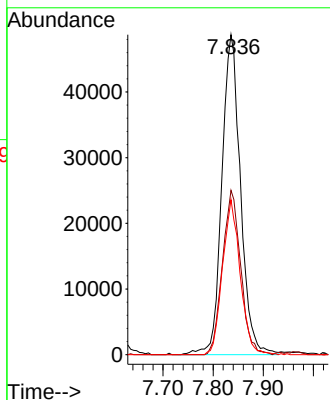
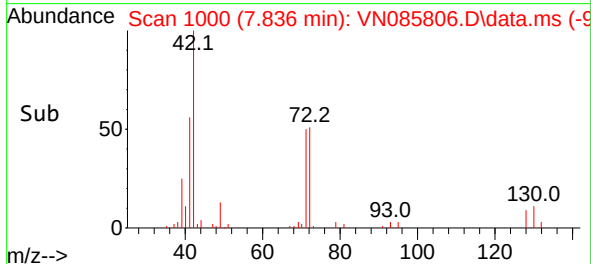
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



Tgt Ion: 42 Resp: 126040
Ion Ratio Lower Upper
42 100
72 50.0 40.0 60.0
71 45.9 37.0 55.4

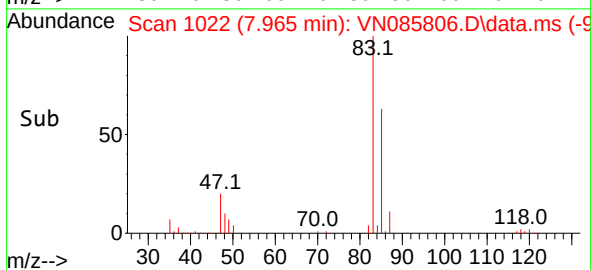
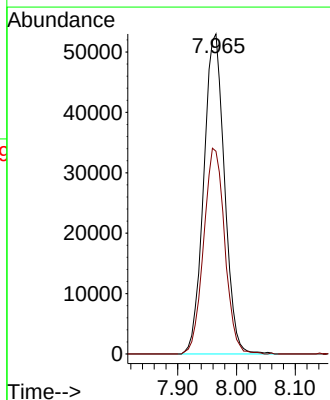
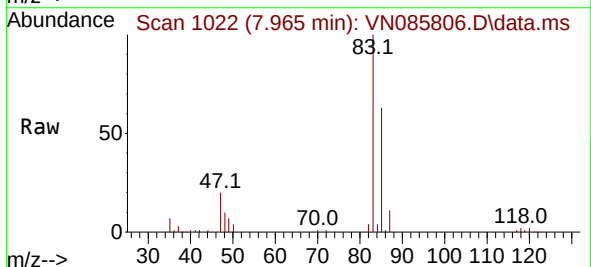
Manual Integrations
APPROVED

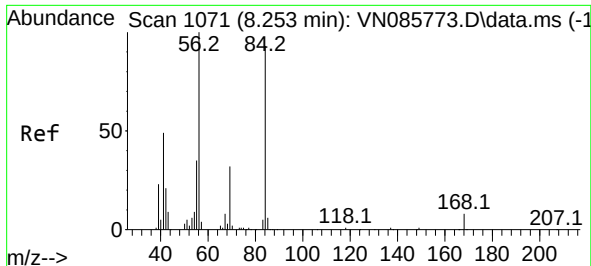
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#30
Chloroform
Concen: 20.735 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

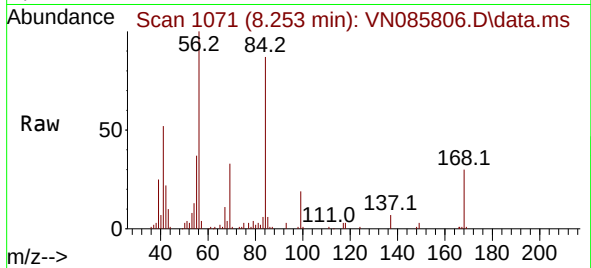
Tgt Ion: 83 Resp: 129995
Ion Ratio Lower Upper
83 100
85 63.3 50.9 76.3





#31
Cyclohexane
Concen: 17.830 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

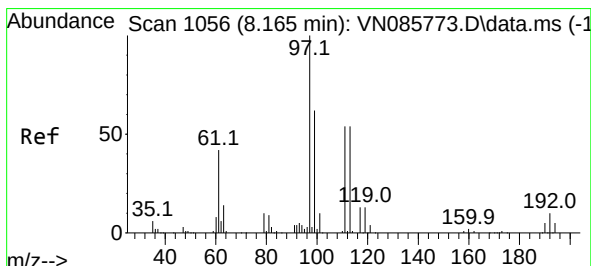
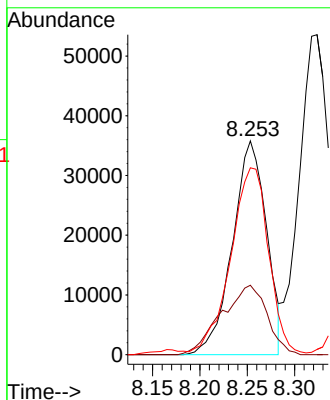
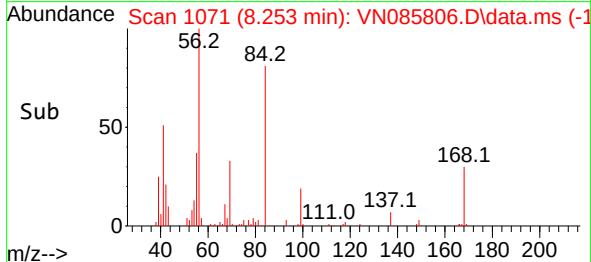
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



Tgt Ion: 56 Resp: 89560
Ion Ratio Lower Upper
56 100
69 32.5 25.8 38.6
84 85.9 74.5 111.7

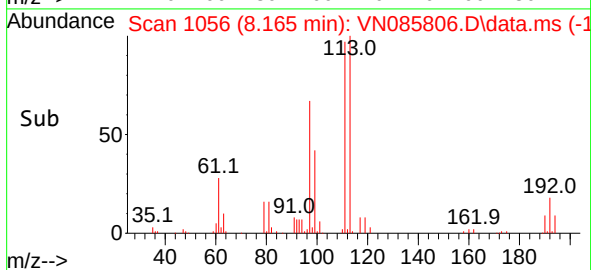
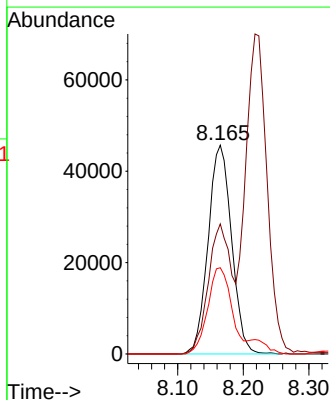
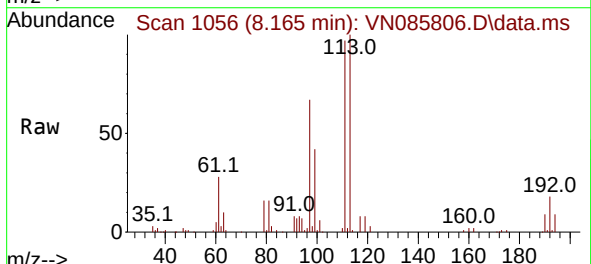
Manual Integrations
APPROVED

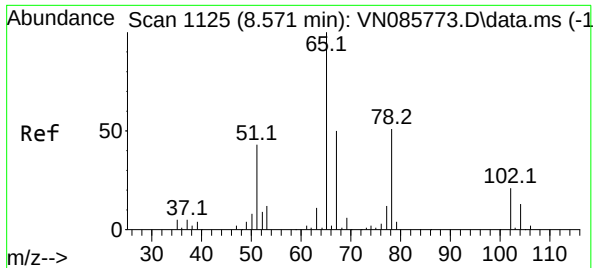
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#32
1,1,1-Trichloroethane
Concen: 20.350 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

Tgt Ion: 97 Resp: 113478
Ion Ratio Lower Upper
97 100
99 61.4 50.4 75.6
61 42.5 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 53.208 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085806.D

Acq: 21 Feb 2025 16:39

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBSD01

Tgt Ion: 65 Resp: 18712

Ion Ratio Lower Upper

65 100

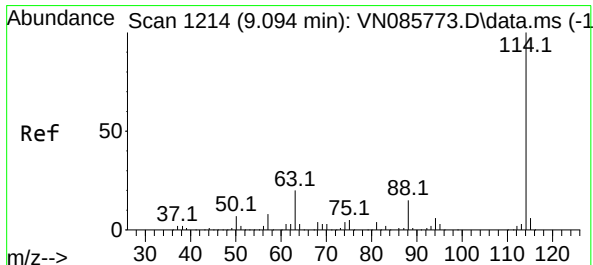
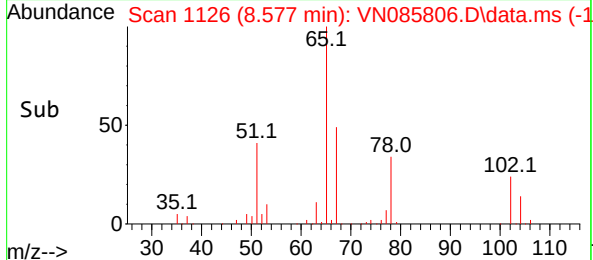
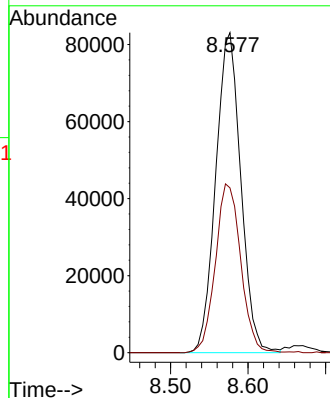
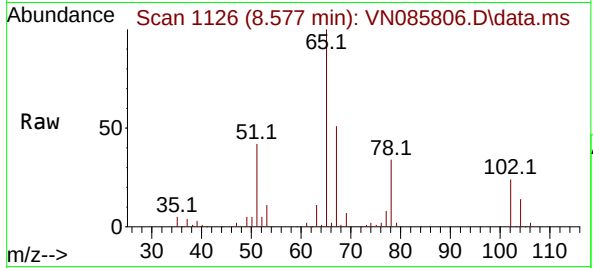
67 53.3 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085806.D

Acq: 21 Feb 2025 16:39

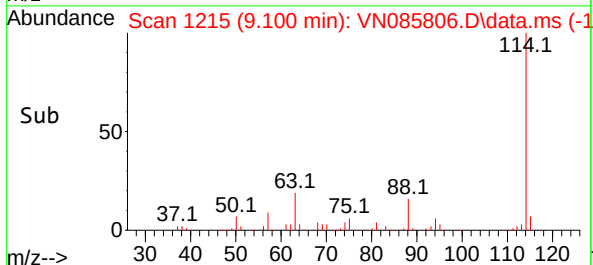
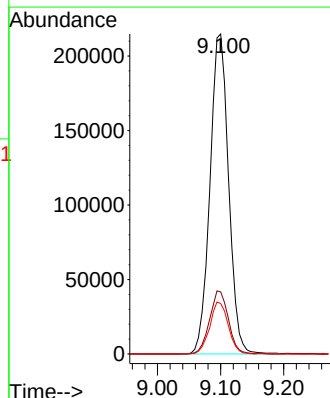
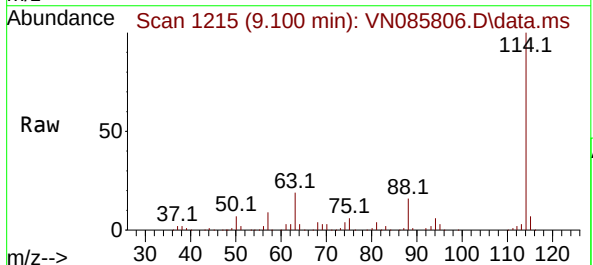
Tgt Ion:114 Resp: 440205

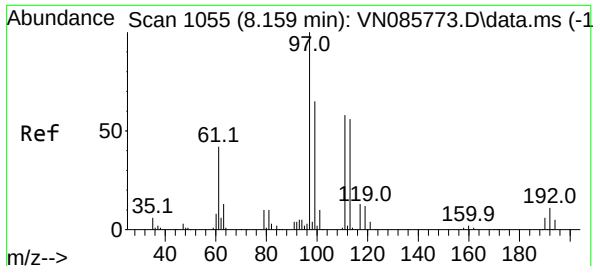
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.2

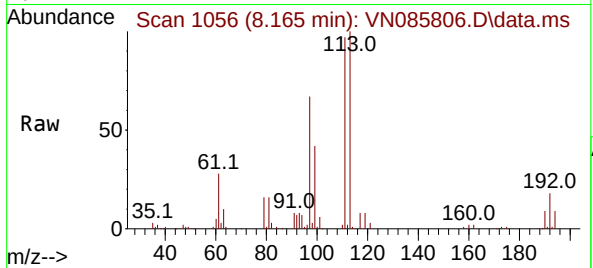
88 15.8 0.0 30.0





#35
Dibromofluoromethane
Concen: 54.886 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

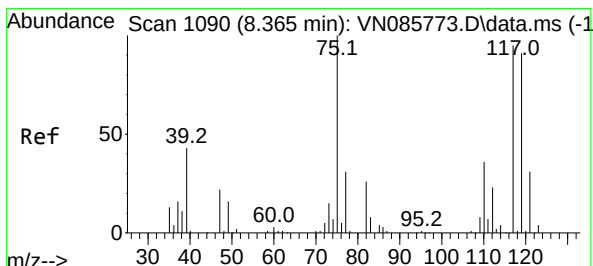
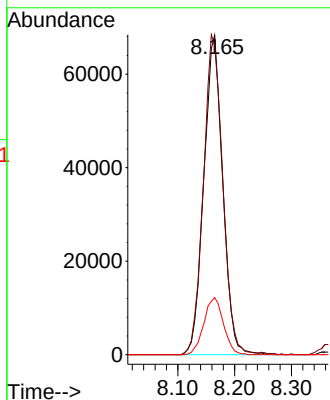
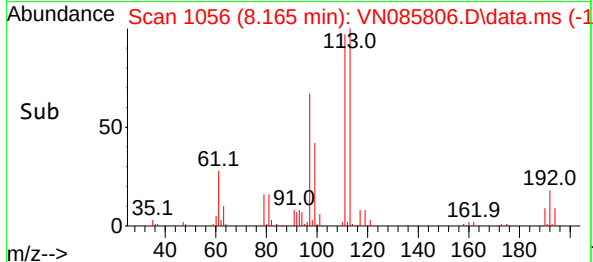
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



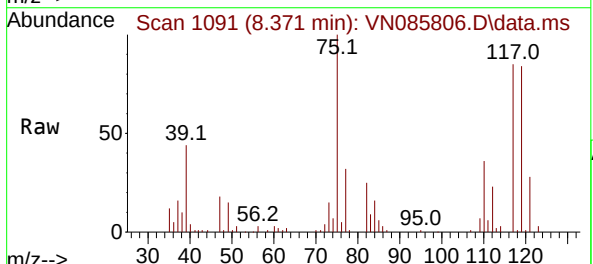
Tgt Ion:113 Resp: 158099
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 18.4 14.7 22.1

Manual Integrations
APPROVED

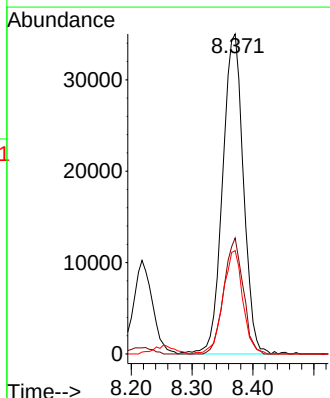
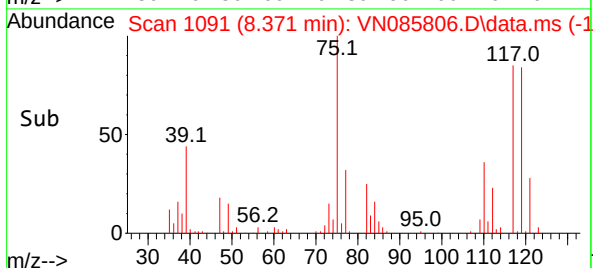
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

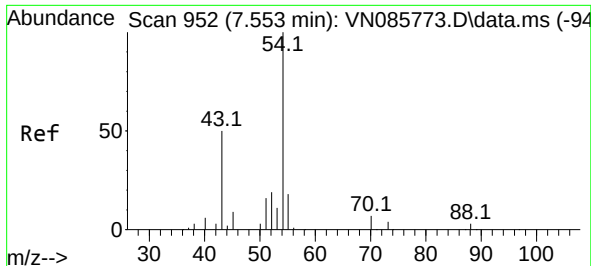


#36
1,1-Dichloropropene
Concen: 20.417 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39



Tgt Ion: 75 Resp: 83235
Ion Ratio Lower Upper
75 100
110 33.7 17.3 52.0
77 31.0 24.6 37.0





#37

Ethyl Acetate

Concen: 22.889 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN085806.D

Acq: 21 Feb 2025 16:39

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBSD01

Tgt Ion: 43 Resp: 76789

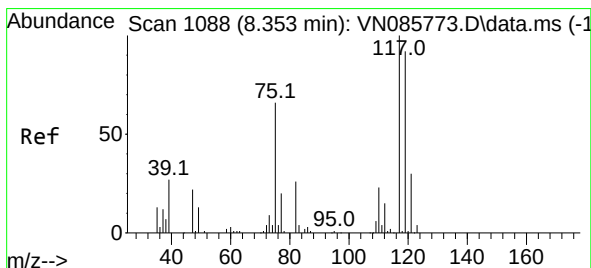
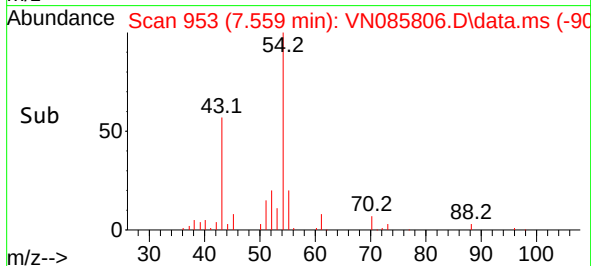
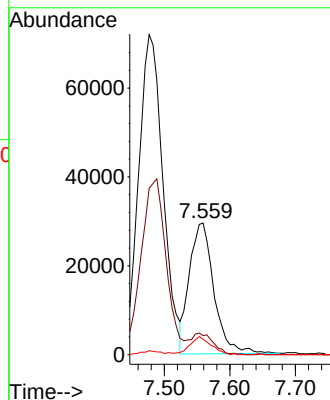
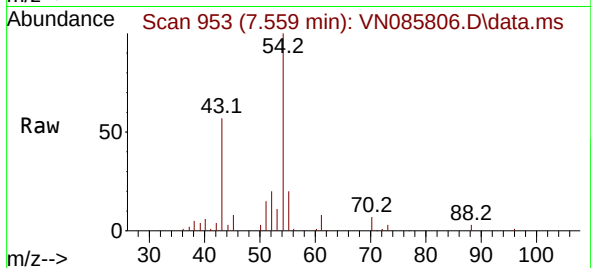
Ion	Ratio	Lower	Upper
43	100		
61	14.4	12.2	18.2
70	11.9	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#38

Carbon Tetrachloride

Concen: 20.574 ug/l

RT: 8.359 min Scan# 1089

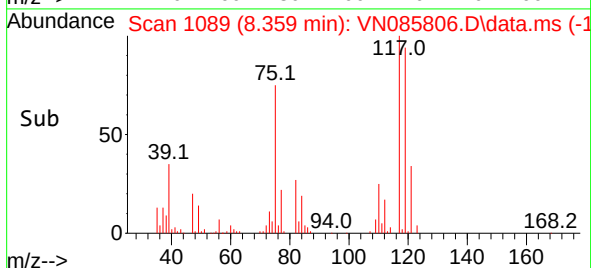
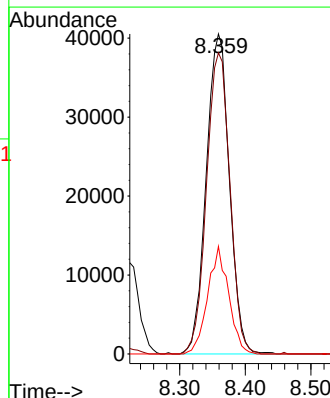
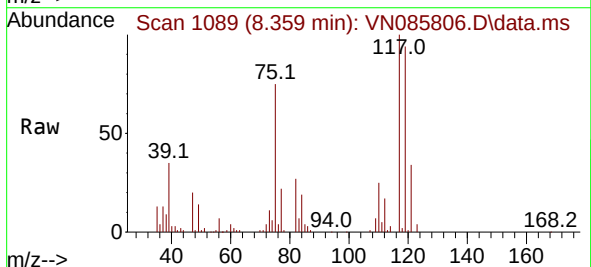
Delta R.T. 0.006 min

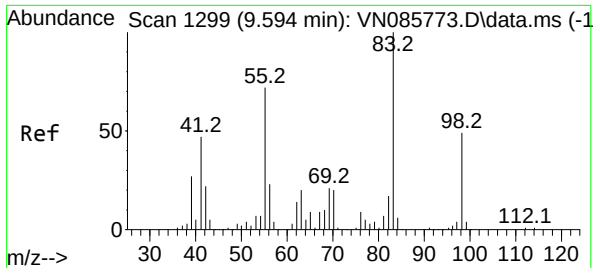
Lab File: VN085806.D

Acq: 21 Feb 2025 16:39

Tgt Ion:117 Resp: 99656

Ion	Ratio	Lower	Upper
117	100		
119	94.1	73.8	110.6
121	33.6	24.3	36.5





#39

Methylcyclohexane

Concen: 18.728 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. 0.000 min

Lab File: VN085806.D

Acq: 21 Feb 2025 16:39

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBSD01

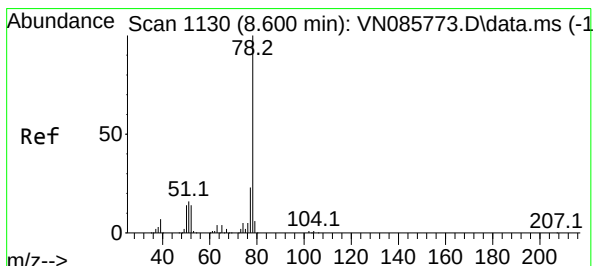
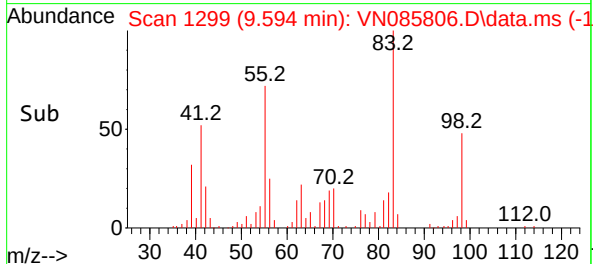
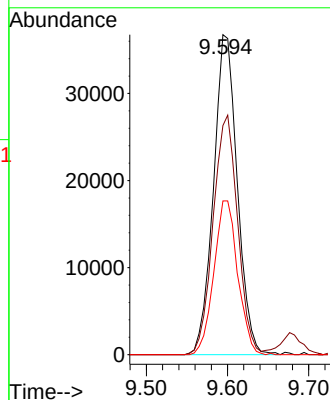
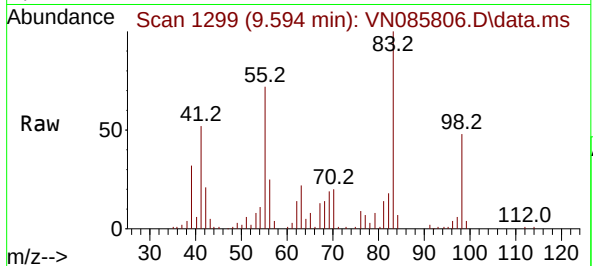
Tgt Ion: 83	Resp: 7500
Ion Ratio	Lower Upper
83	100
55	71.6 57.5 86.3
98	48.0 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#40

Benzene

Concen: 21.057 ug/l

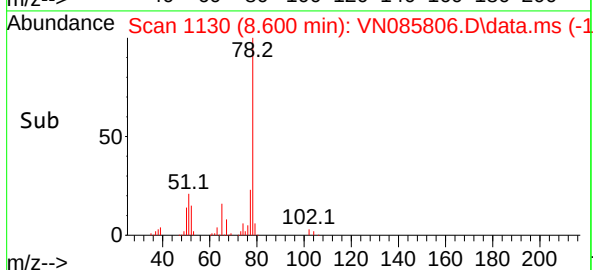
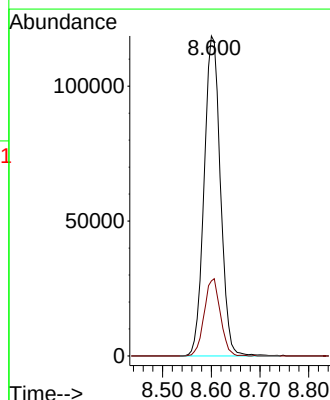
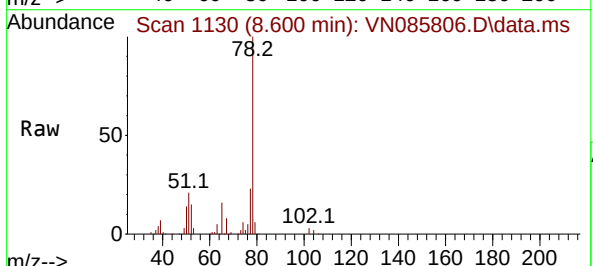
RT: 8.600 min Scan# 1130

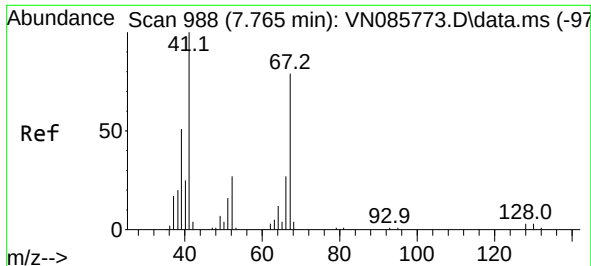
Delta R.T. 0.000 min

Lab File: VN085806.D

Acq: 21 Feb 2025 16:39

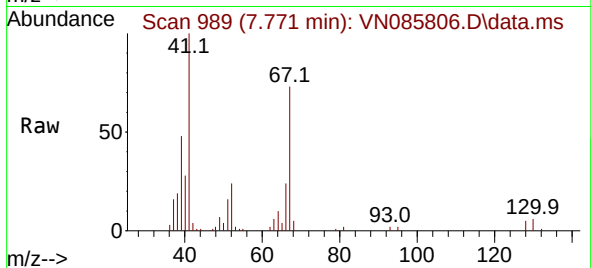
Tgt Ion: 78	Resp: 275128
Ion Ratio	Lower Upper
78	100
77	23.5 18.3 27.5





#41
Methacrylonitrile
Concen: 23.153 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

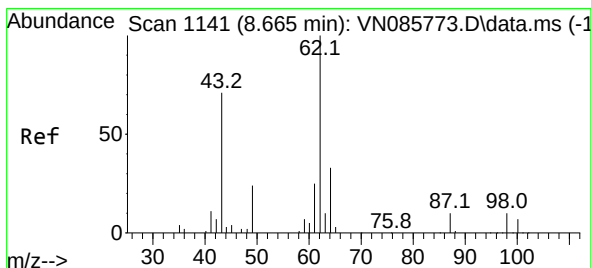
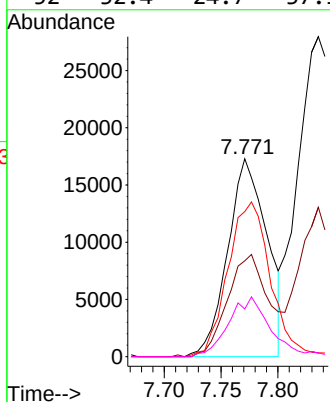
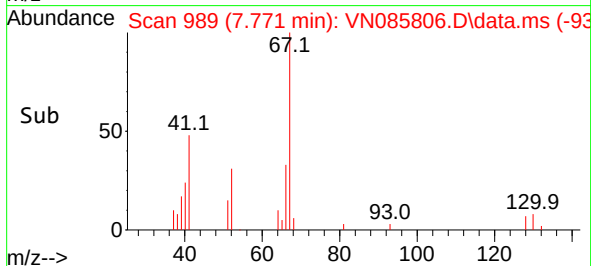
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



Tgt Ion: 41 Resp: 41524
Ion Ratio Lower Upper
41 100
39 55.6 42.0 63.0
67 85.1 64.2 96.4
52 32.4 24.7 37.1

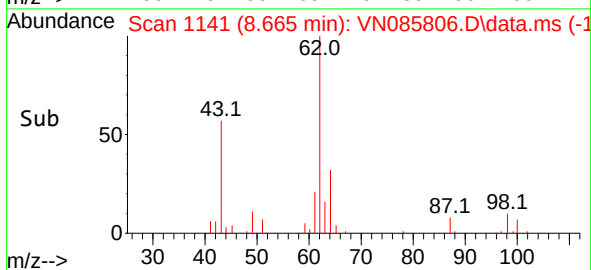
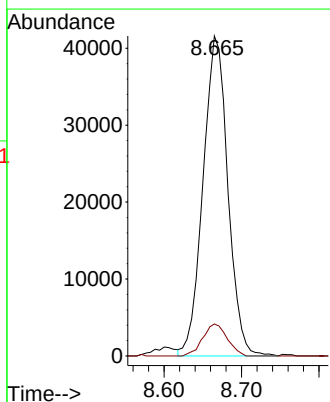
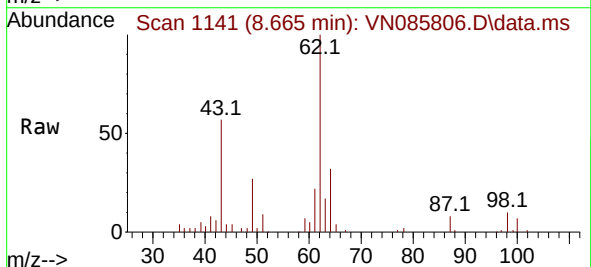
Manual Integrations
APPROVED

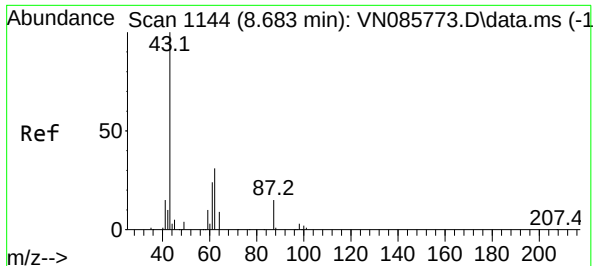
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#42
1,2-Dichloroethane
Concen: 21.760 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

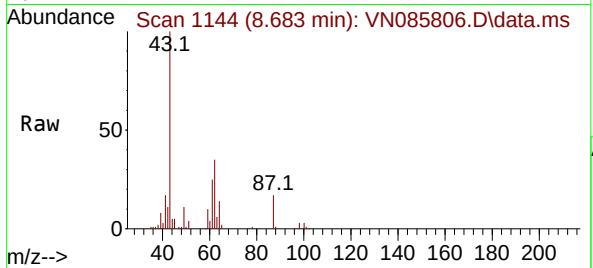
Tgt Ion: 62 Resp: 92611
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.6





#43
Isopropyl Acetate
Concen: 21.288 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

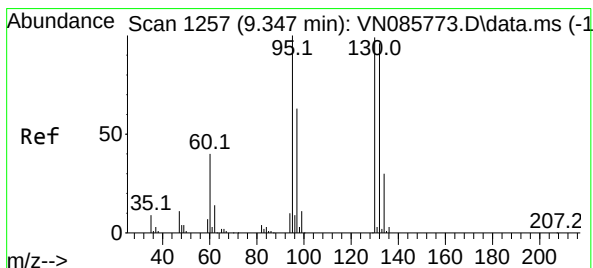
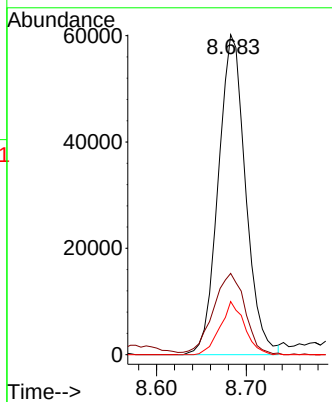
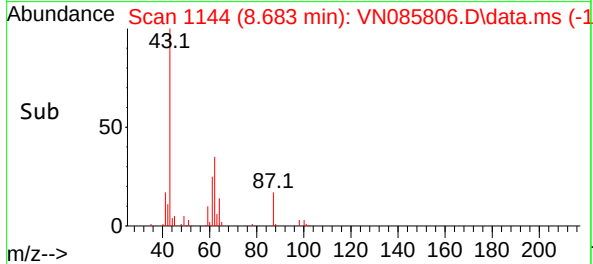
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



Tgt Ion: 43 Resp: 12718
Ion Ratio Lower Upper
43 100
61 29.7 22.6 34.0
87 14.9 11.8 17.8

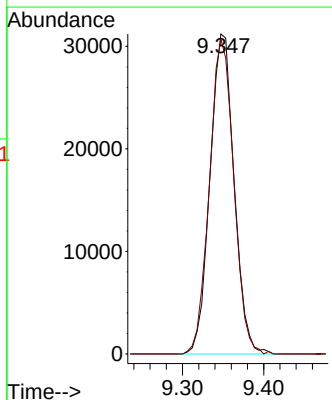
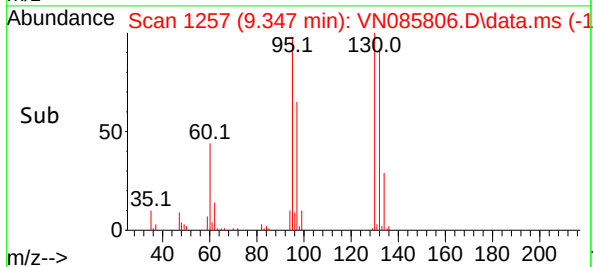
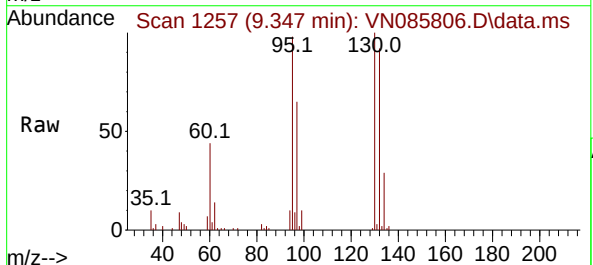
Manual Integrations
APPROVED

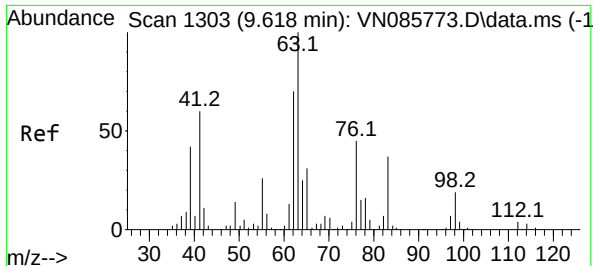
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#44
Trichloroethene
Concen: 20.061 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

Tgt Ion:130 Resp: 64358
Ion Ratio Lower Upper
130 100
95 98.3 0.0 202.6





#45

1,2-Dichloropropane

Concen: 21.537 ug/l

RT: 9.618 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085806.D

Acq: 21 Feb 2025 16:39

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBSD01

Tgt Ion: 63 Resp: 6792

Ion Ratio Lower Upper

63 100

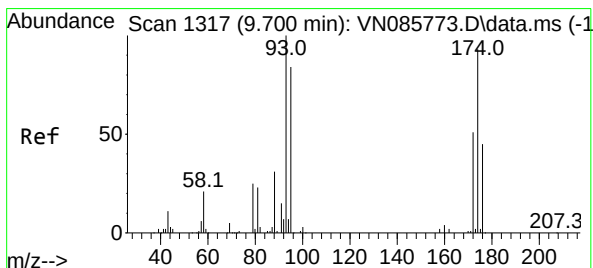
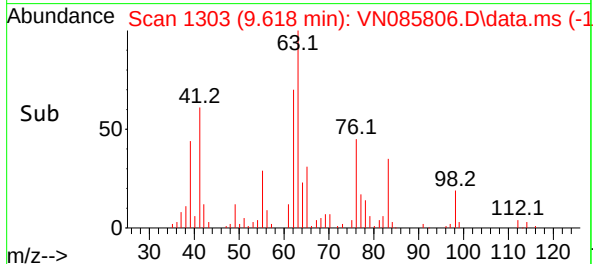
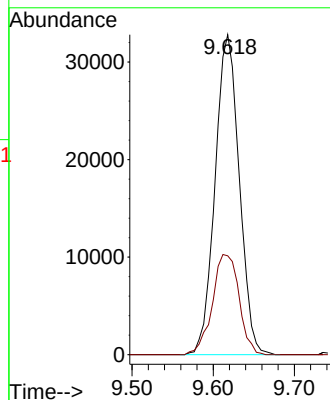
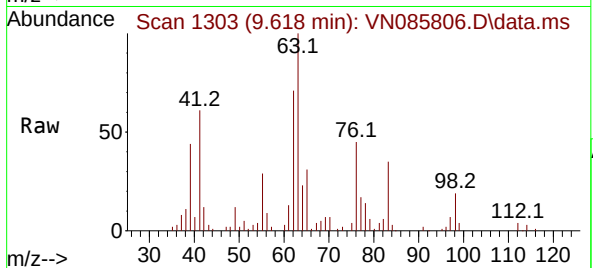
65 30.9 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#46

Dibromomethane

Concen: 22.411 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085806.D

Acq: 21 Feb 2025 16:39

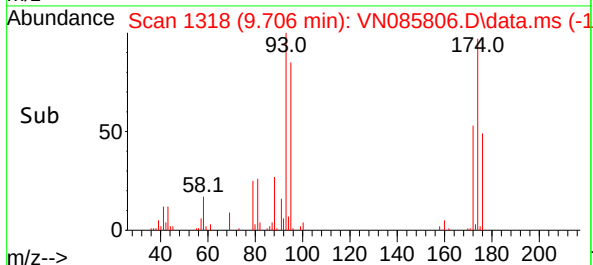
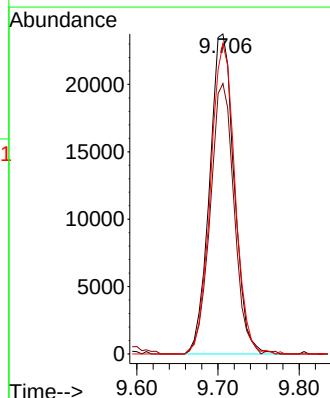
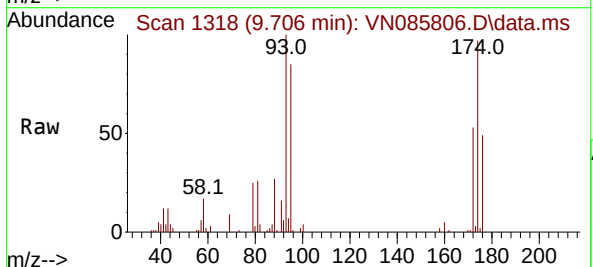
Tgt Ion: 93 Resp: 49856

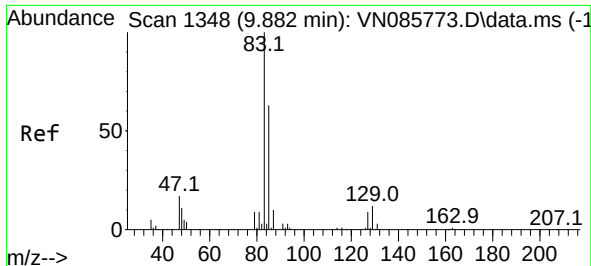
Ion Ratio Lower Upper

93 100

95 82.2 66.7 100.1

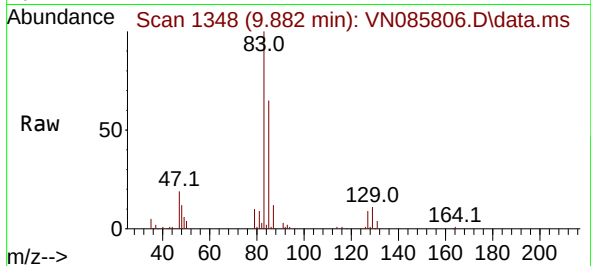
174 96.6 77.2 115.8





#47
Bromodichloromethane
Concen: 21.595 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

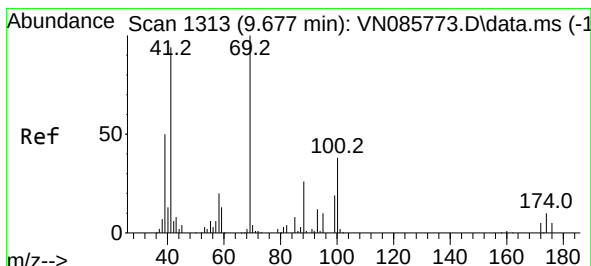
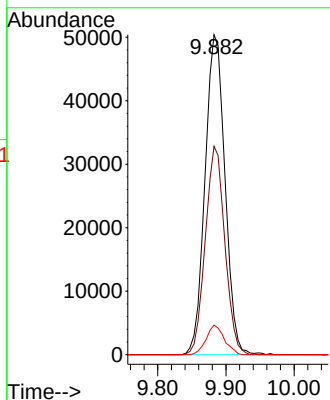
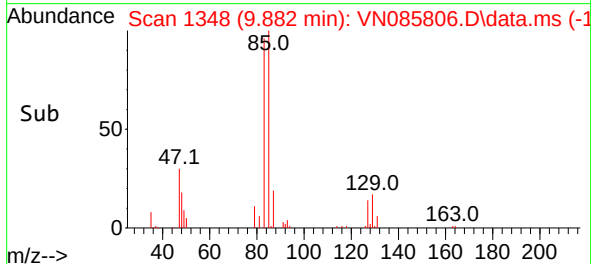
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



Tgt Ion: 83 Resp: 10278
Ion Ratio Lower Upper
83 100
85 65.1 50.5 75.7
127 9.3 7.2 10.8

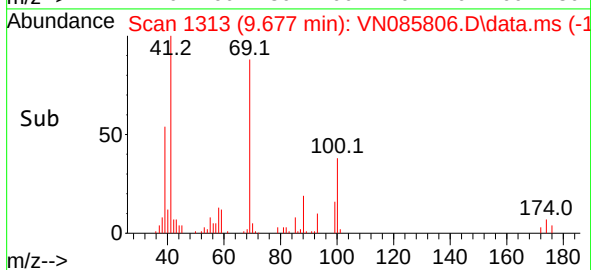
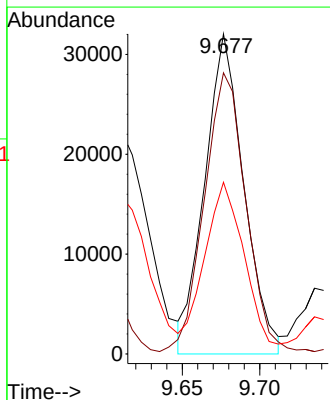
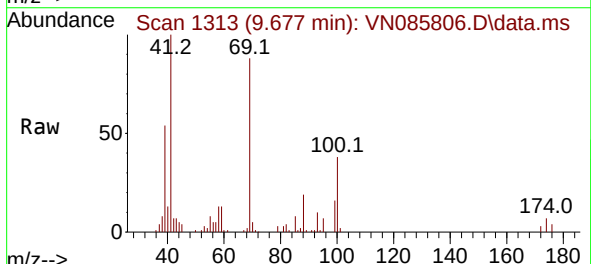
Manual Integrations
APPROVED

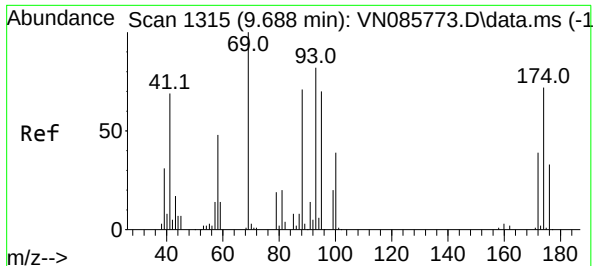
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#48
Methyl methacrylate
Concen: 22.511 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

Tgt Ion: 41 Resp: 56086
Ion Ratio Lower Upper
41 100
69 95.1 76.0 114.0
39 55.7 42.3 63.5





#49

1,4-Dioxane

Concen: 490.383 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN085806.D

Acq: 21 Feb 2025 16:39

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBSD01

Tgt Ion: 88 Resp: 23234

Ion Ratio Lower Upper

88 100

43 26.4 18.6 27.8

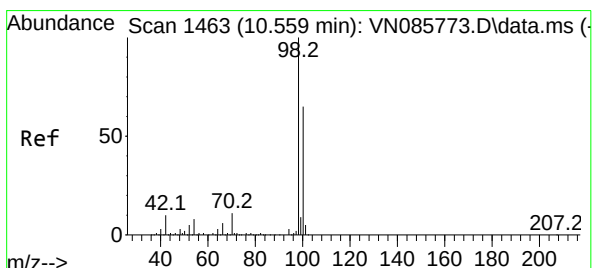
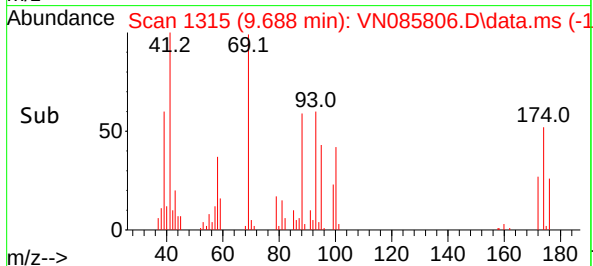
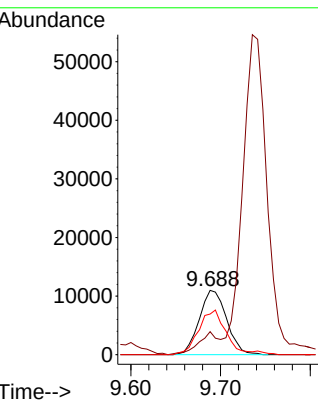
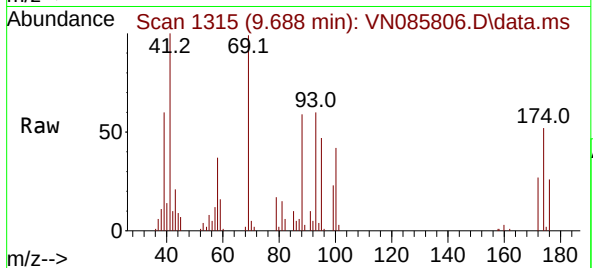
58 70.8 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#50

Toluene-d8

Concen: 54.840 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085806.D

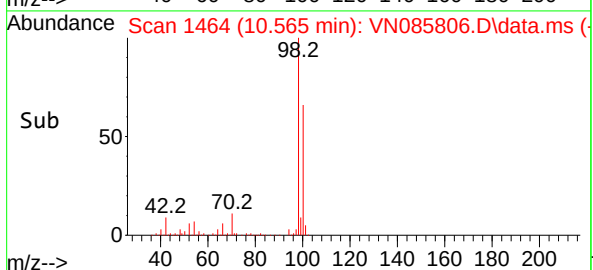
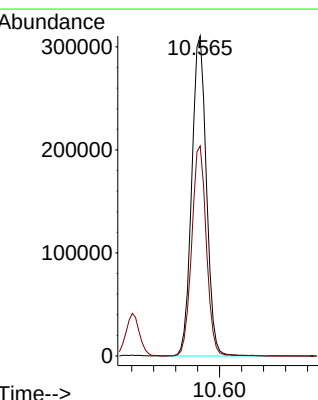
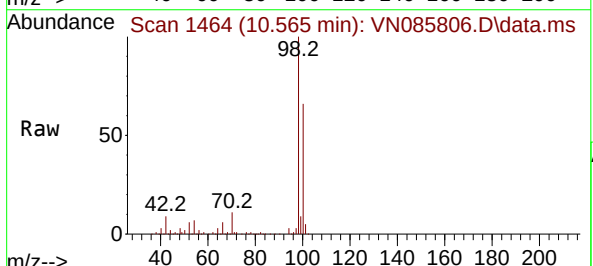
Acq: 21 Feb 2025 16:39

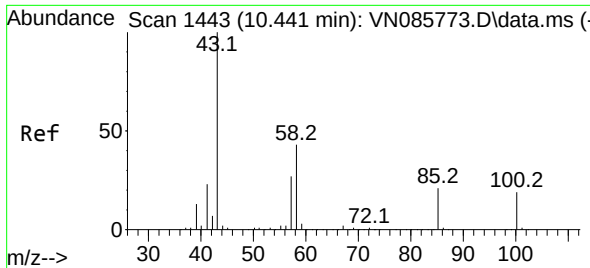
Tgt Ion: 98 Resp: 574729

Ion Ratio Lower Upper

98 100

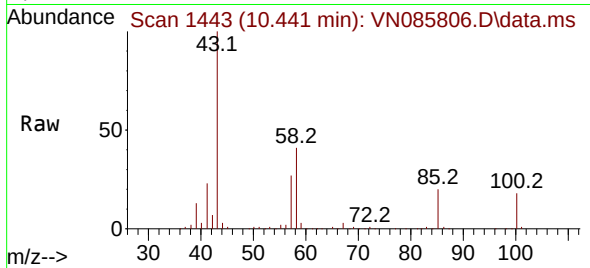
100 65.5 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 121.800 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

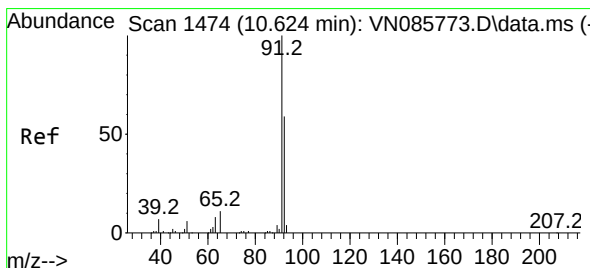
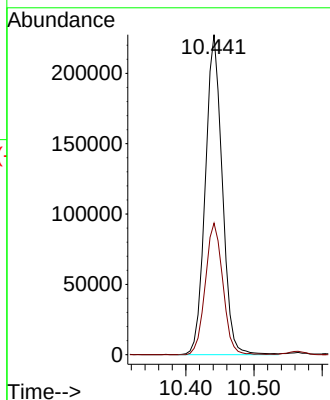
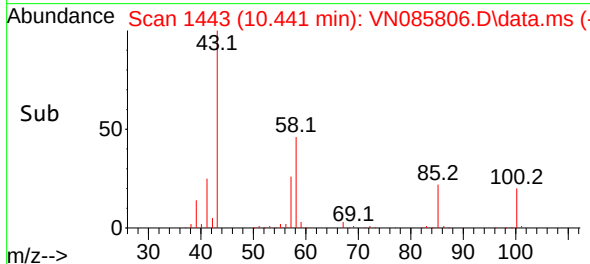
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



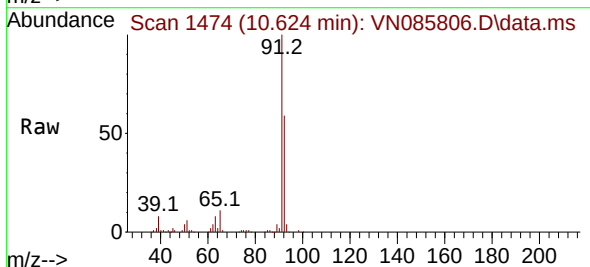
Tgt Ion: 43 Resp: 39396
Ion Ratio Lower Upper
43 100
58 42.4 34.6 52.0

Manual Integrations
APPROVED

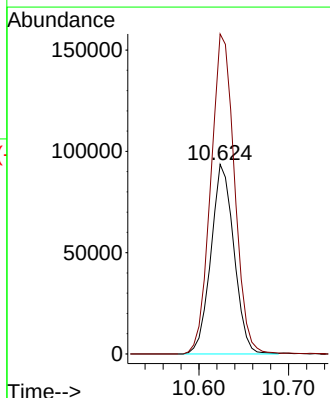
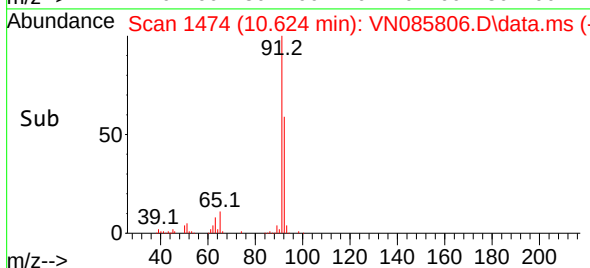
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

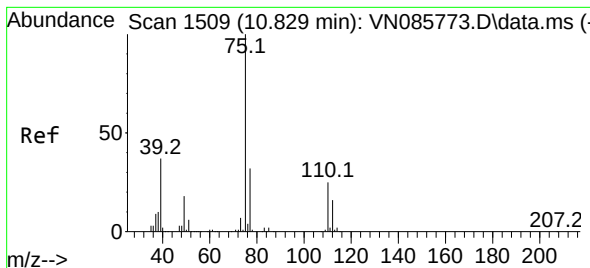


#52
Toluene
Concen: 21.769 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39



Tgt Ion: 92 Resp: 166730
Ion Ratio Lower Upper
92 100
91 174.1 136.9 205.3





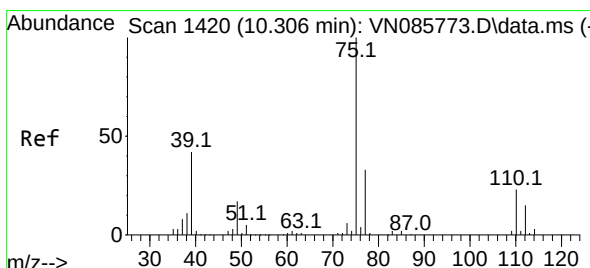
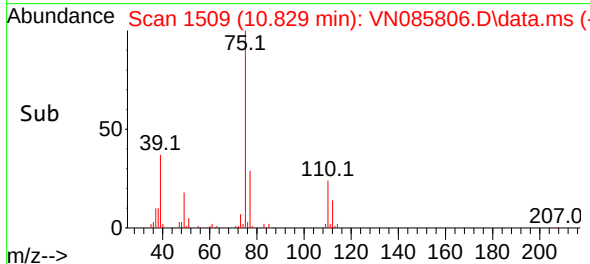
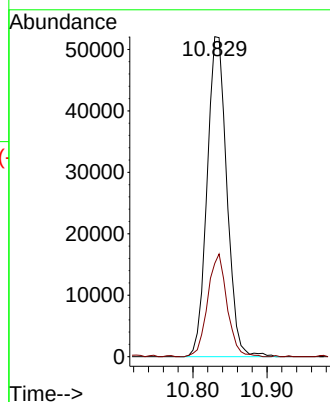
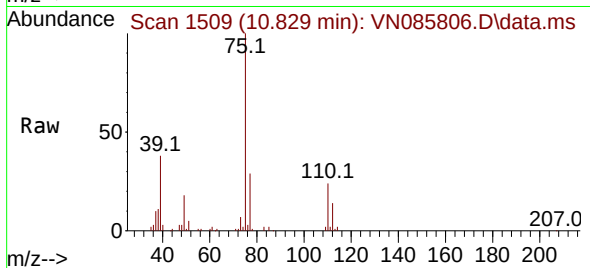
#53
t-1,3-Dichloropropene
Concen: 21.865 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

Tgt Ion: 75 Resp: 96228
Ion Ratio Lower Upper
75 100
77 29.2 25.4 38.0

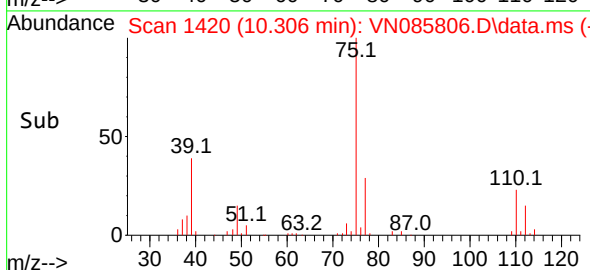
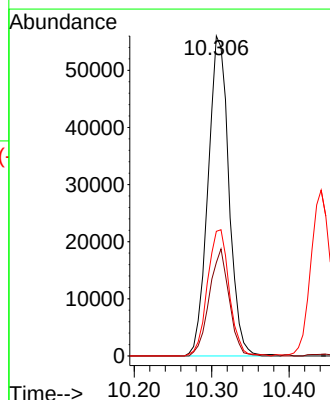
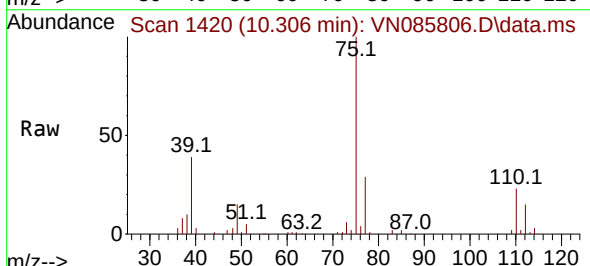
Manual Integrations
APPROVED

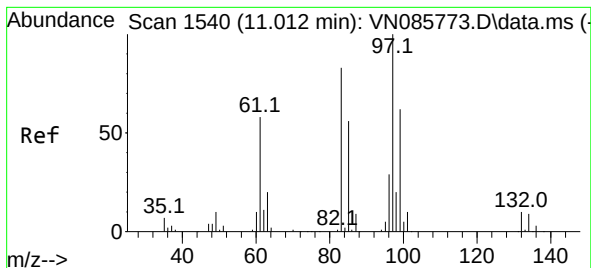
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#54
cis-1,3-Dichloropropene
Concen: 21.709 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

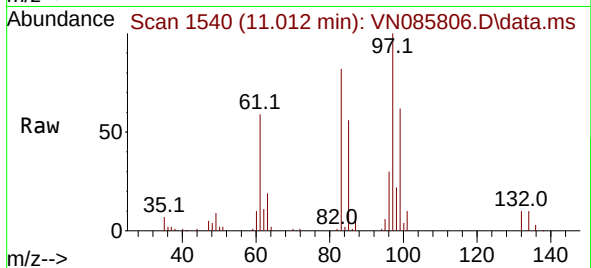
Tgt Ion: 75 Resp: 104771
Ion Ratio Lower Upper
75 100
77 29.2 26.1 39.1
39 39.0 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 22.106 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

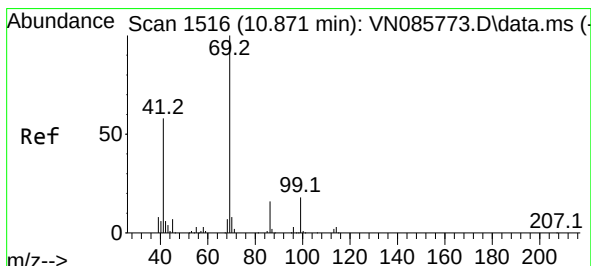
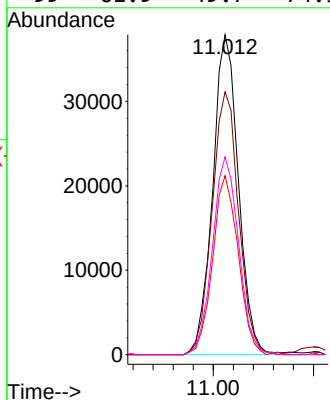
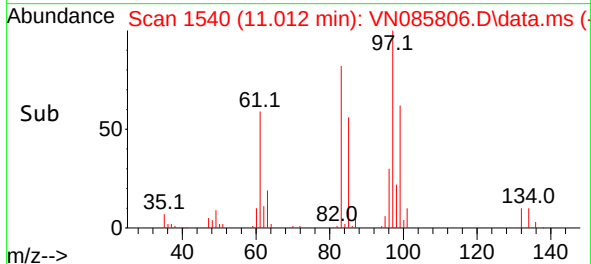
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



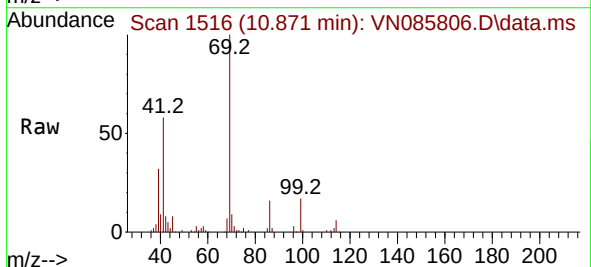
Tgt Ion: 97	Resp: 67318
Ion Ratio	Lower Upper
97 100	
83 82.1	66.1 99.1
85 55.9	44.7 67.1
99 61.9	49.7 74.5

Manual Integrations
APPROVED

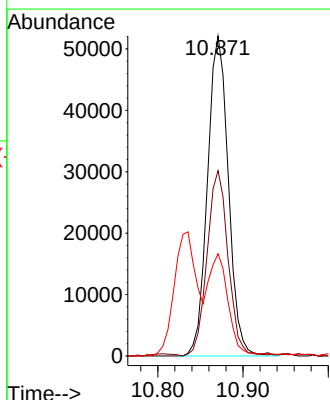
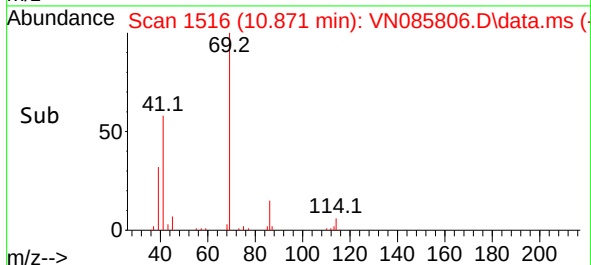
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

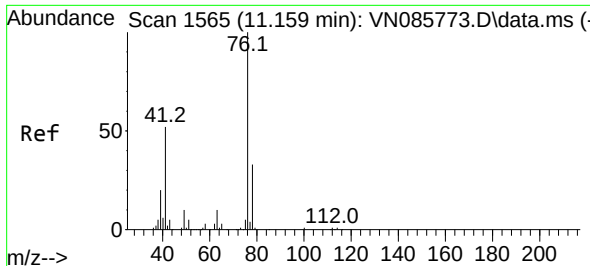


#56
Ethyl methacrylate
Concen: 21.999 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39



Tgt Ion: 69	Resp: 89110
Ion Ratio	Lower Upper
69 100	
41 58.3	46.0 69.0
39 28.9	22.0 33.0





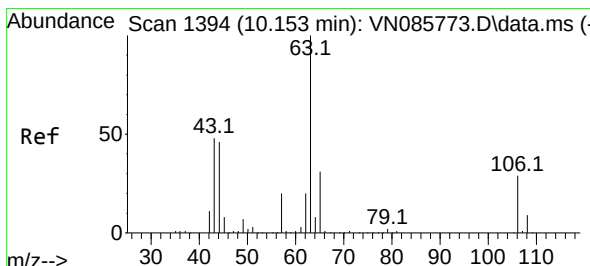
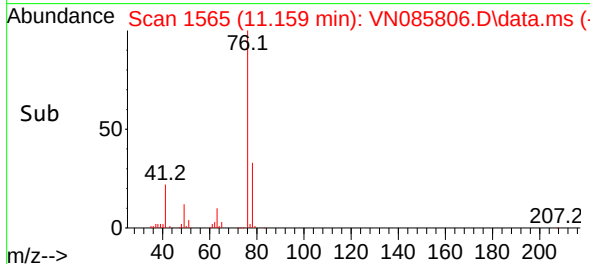
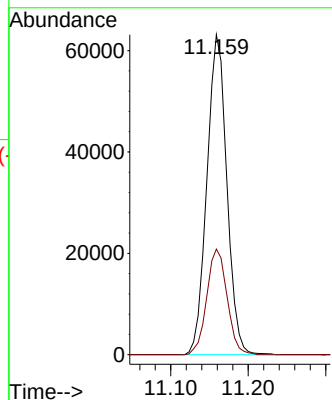
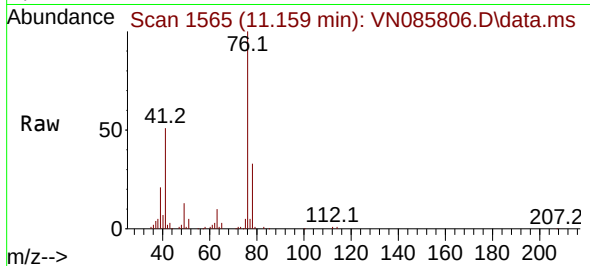
#57
1,3-Dichloropropane
Concen: 22.181 ug/l
RT: 11.159 min Scan# 11275
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

Tgt Ion: 76 Resp: 11275
Ion Ratio Lower Upper
76 100
78 33.6 25.9 38.9

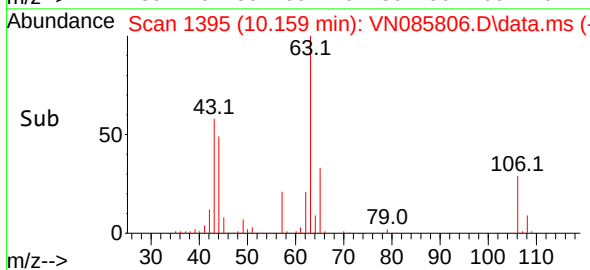
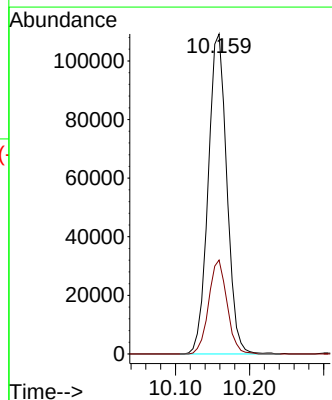
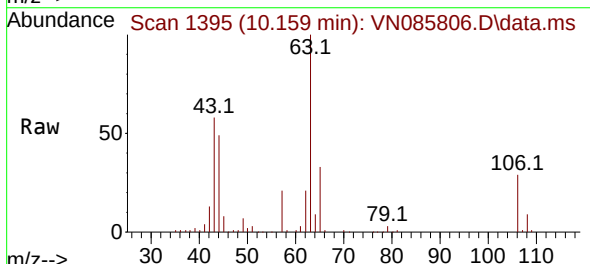
Manual Integrations
APPROVED

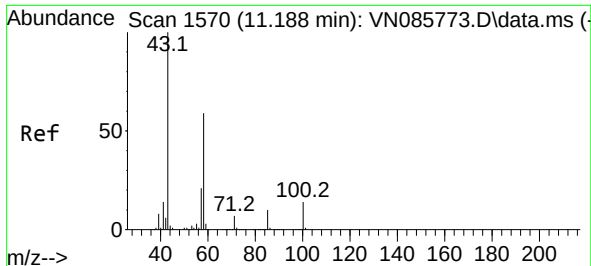
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#58
2-Chloroethyl Vinyl ether
Concen: 129.233 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

Tgt Ion: 63 Resp: 190639
Ion Ratio Lower Upper
63 100
106 28.9 22.7 34.1





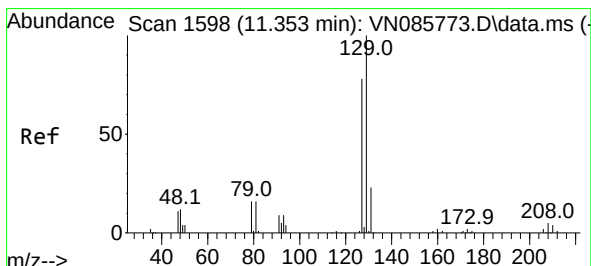
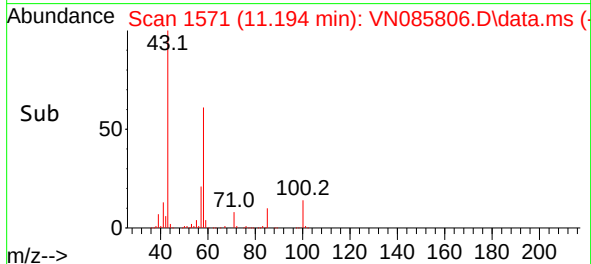
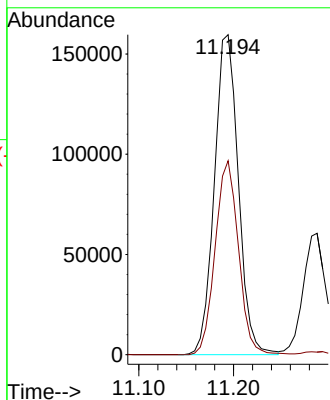
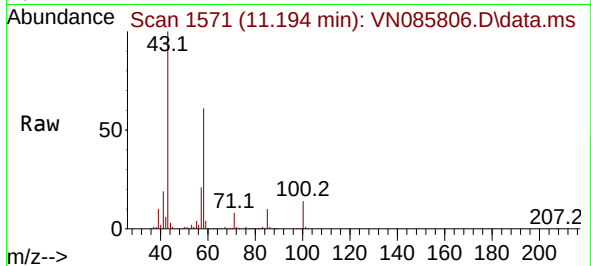
#59
2-Hexanone
Concen: 126.272 ug/l
RT: 11.194 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

Tgt Ion: 43 Resp: 280978
Ion Ratio Lower Upper
43 100
58 58.9 29.8 89.5

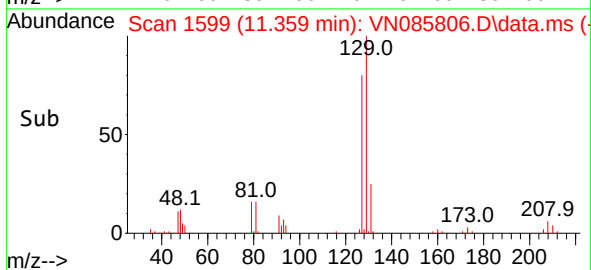
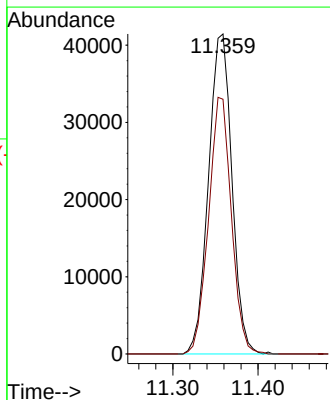
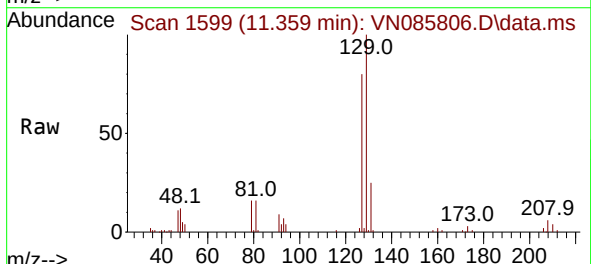
Manual Integrations
APPROVED

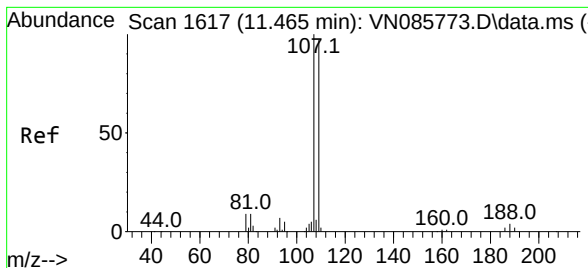
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#60
Dibromochloromethane
Concen: 22.326 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

Tgt Ion:129 Resp: 79166
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.5





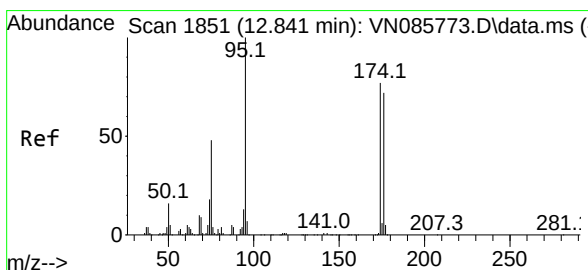
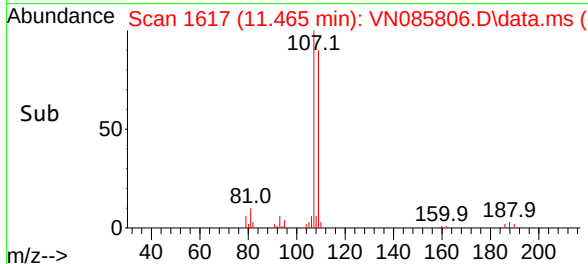
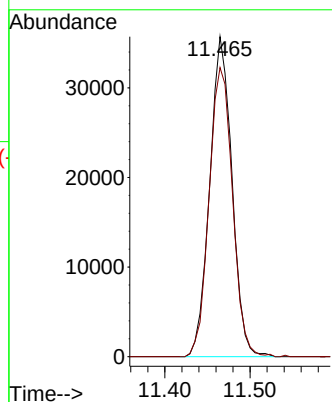
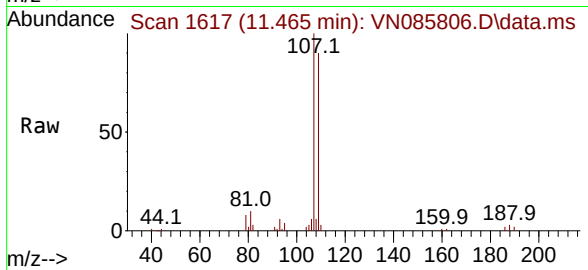
#61
1,2-Dibromoethane
Concen: 22.533 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

Tgt Ion:107 Resp: 64832
Ion Ratio Lower Upper
107 100
109 95.0 76.0 114.0

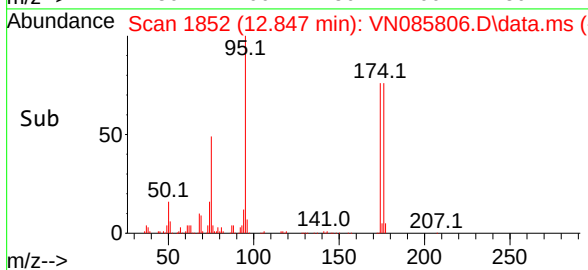
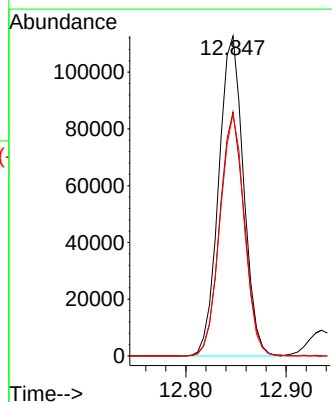
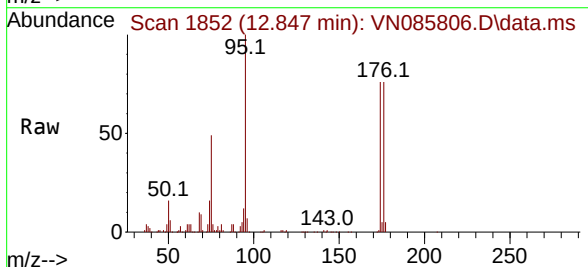
Manual Integrations
APPROVED

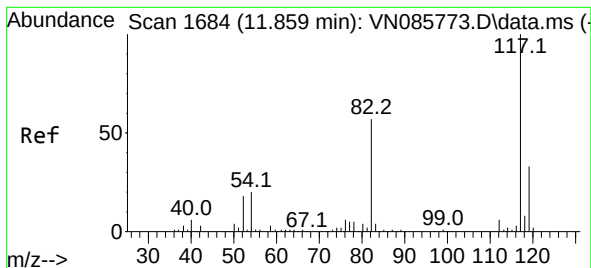
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#62
4-Bromofluorobenzene
Concen: 55.965 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

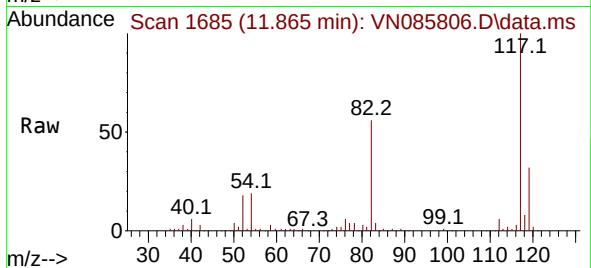
Tgt Ion: 95 Resp: 193245
Ion Ratio Lower Upper
95 100
174 75.4 0.0 152.4
176 74.4 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

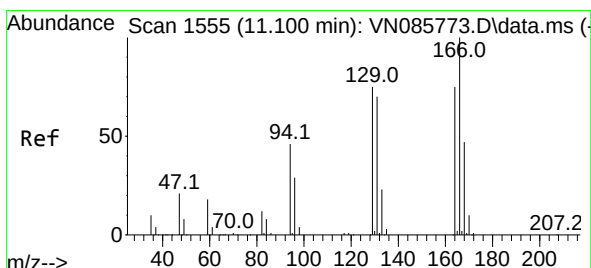
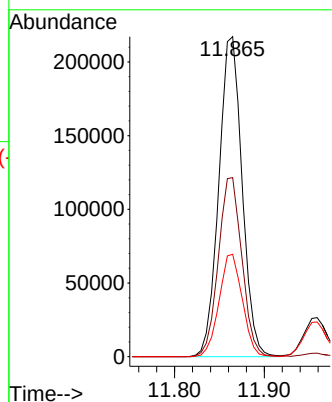
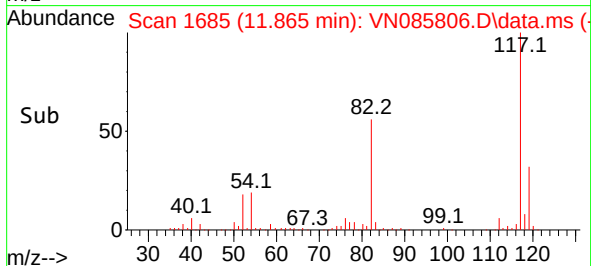
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



Tgt Ion:117 Resp: 39145
Ion Ratio Lower Upper
117 100
82 55.9 45.7 68.5
119 32.0 26.2 39.2

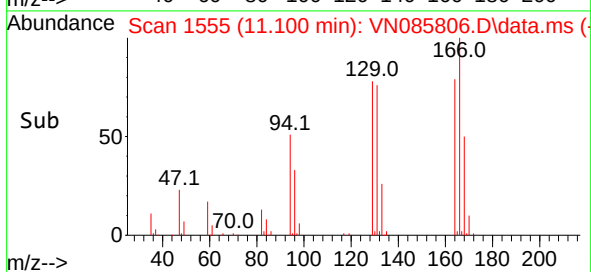
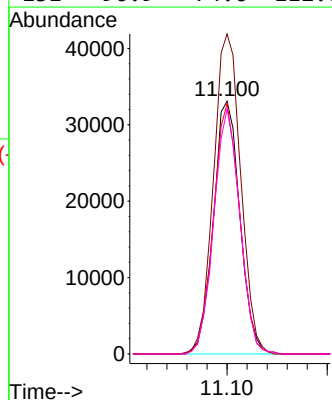
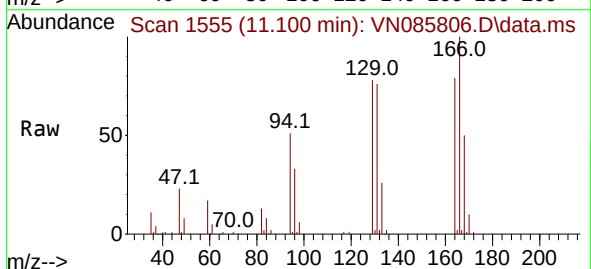
Manual Integrations
APPROVED

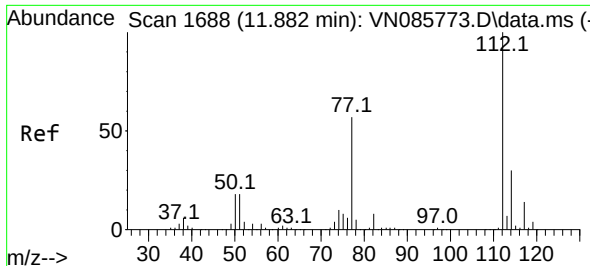
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#64
Tetrachloroethene
Concen: 19.983 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

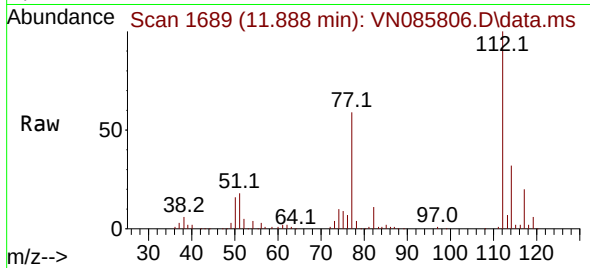
Tgt Ion:164 Resp: 60599
Ion Ratio Lower Upper
164 100
166 126.7 107.2 160.8
129 99.1 80.7 121.1
131 96.9 74.6 112.0





#65
Chlorobenzene
Concen: 20.438 ug/l
RT: 11.888 min Scan# 112
Delta R.T. 0.006 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

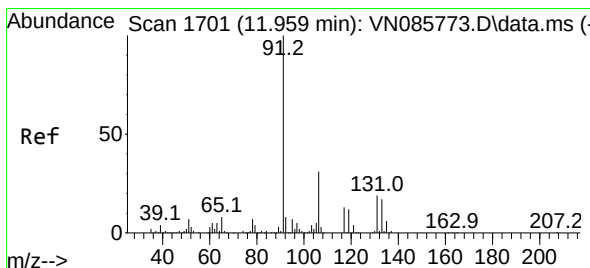
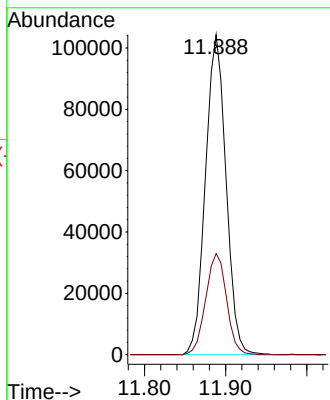
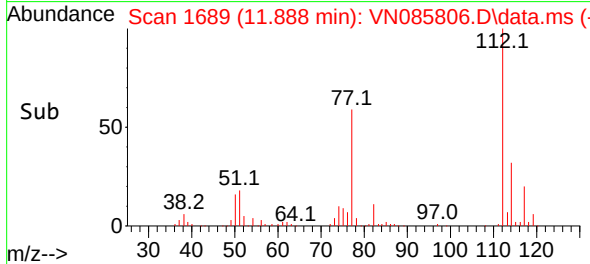
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



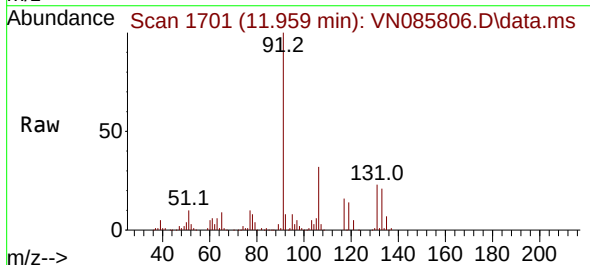
Tgt Ion:112 Resp: 183284
Ion Ratio Lower Upper
112 100
114 31.6 24.3 36.5

Manual Integrations
APPROVED

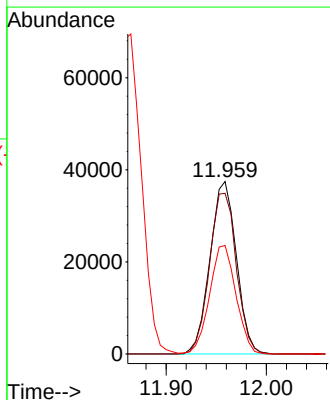
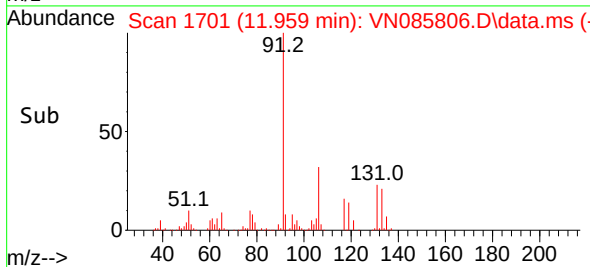
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

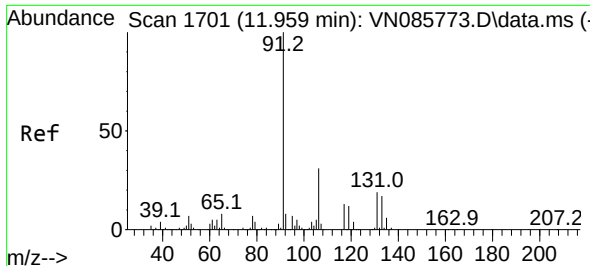


#66
1,1,1,2-Tetrachloroethane
Concen: 21.292 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39



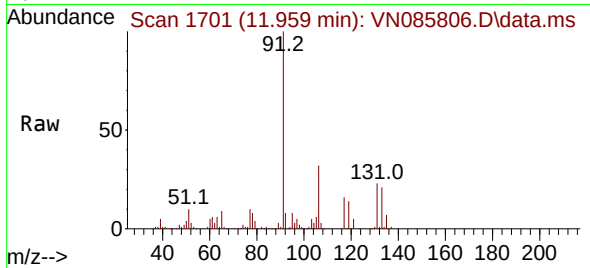
Tgt Ion:131 Resp: 68630
Ion Ratio Lower Upper
131 100
133 95.1 47.7 143.1
119 62.9 33.3 99.8





#67
Ethyl Benzene
Concen: 20.392 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

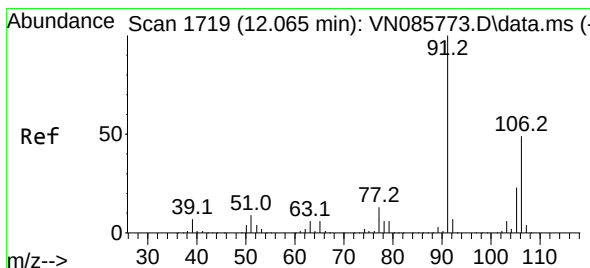
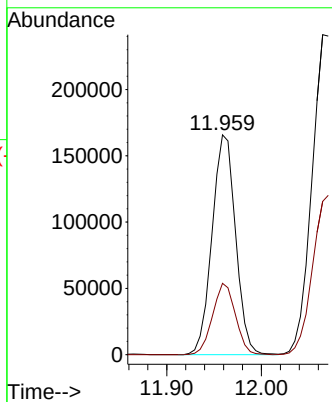
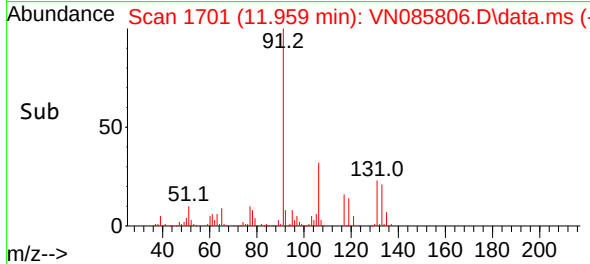
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



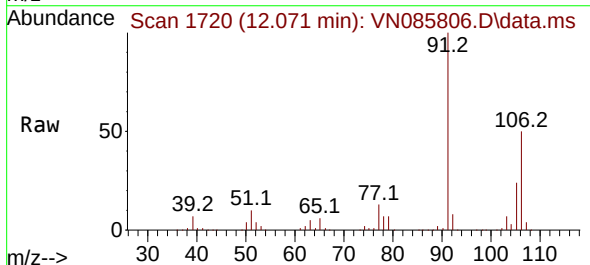
Tgt Ion: 91 Resp: 286448
Ion Ratio Lower Upper
91 100
106 32.5 24.7 37.1

Manual Integrations
APPROVED

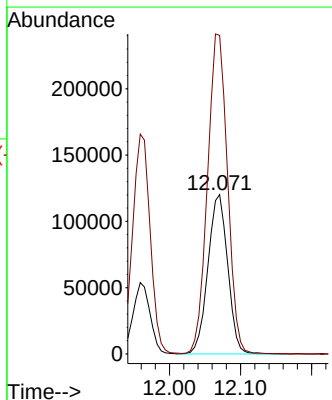
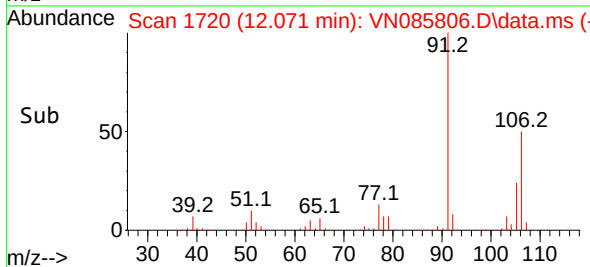
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

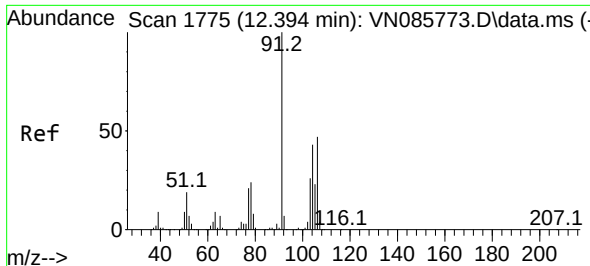


#68
m/p-Xylenes
Concen: 43.428 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39



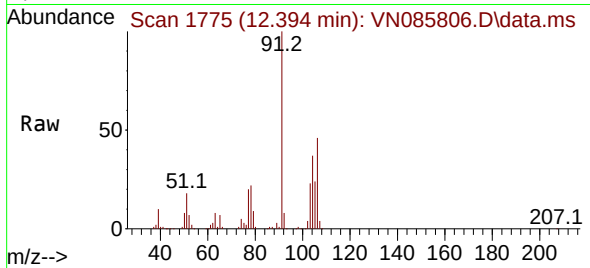
Tgt Ion:106 Resp: 231727
Ion Ratio Lower Upper
106 100
91 204.1 163.3 244.9





#69
o-Xylene
Concen: 20.678 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

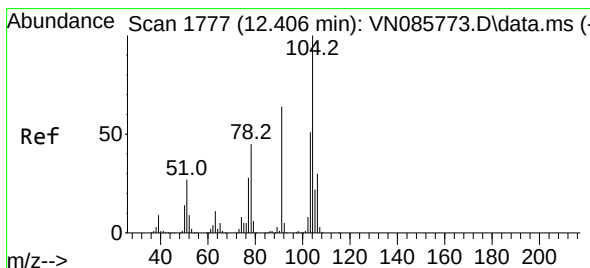
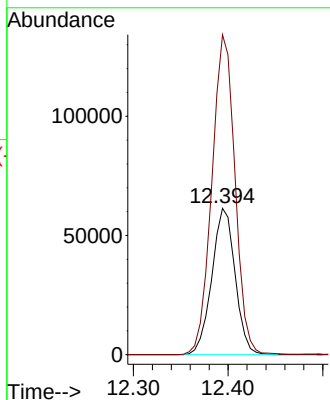
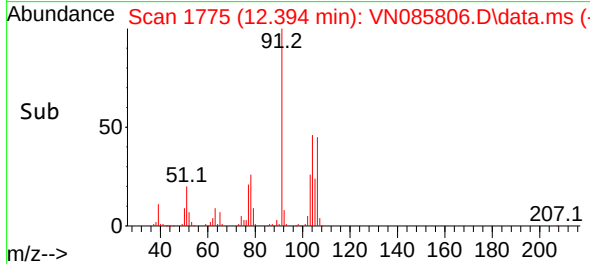
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



Tgt Ion:106 Resp: 10484
Ion Ratio Lower Upper
106 100
91 217.8 107.1 321.4

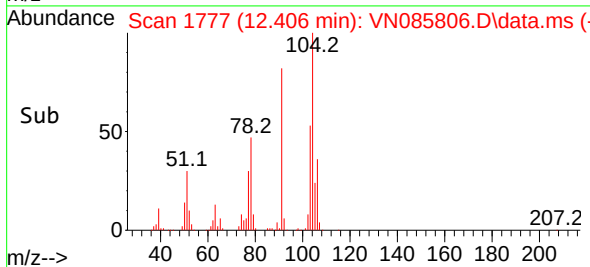
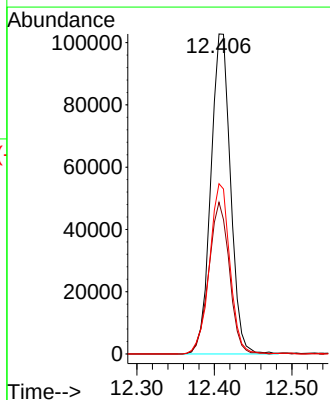
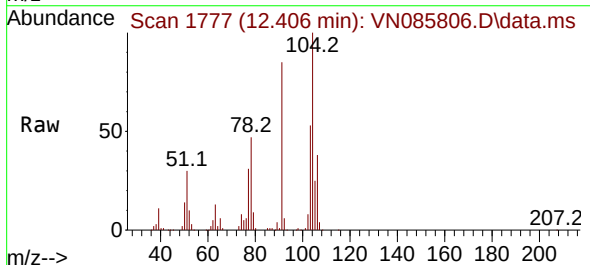
Manual Integrations
APPROVED

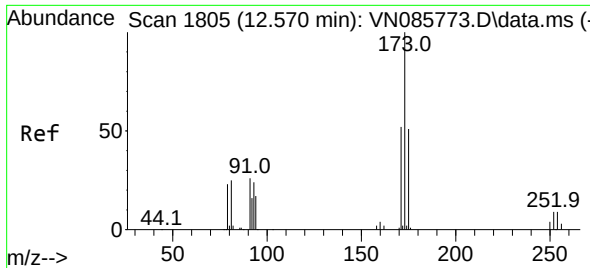
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#70
Styrene
Concen: 20.738 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

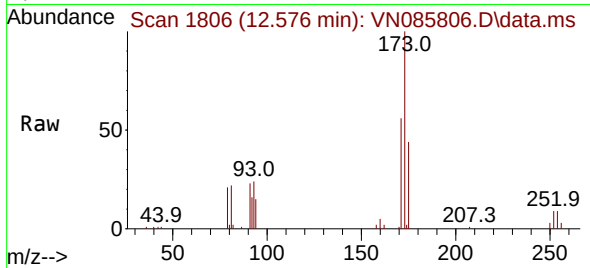
Tgt Ion:104 Resp: 181737
Ion Ratio Lower Upper
104 100
78 49.4 39.0 58.6
103 55.0 43.3 64.9





#71
Bromoform
Concen: 22.264 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

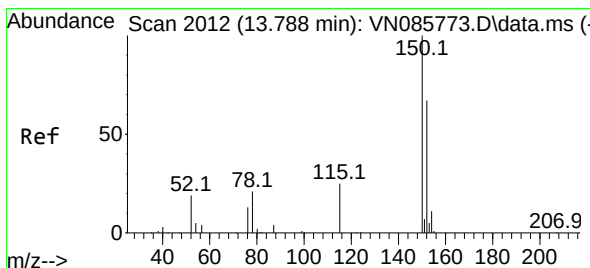
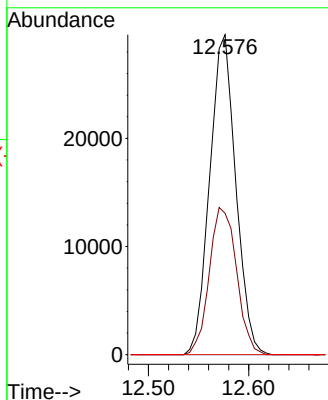
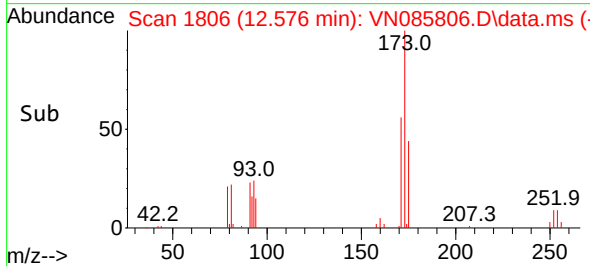
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



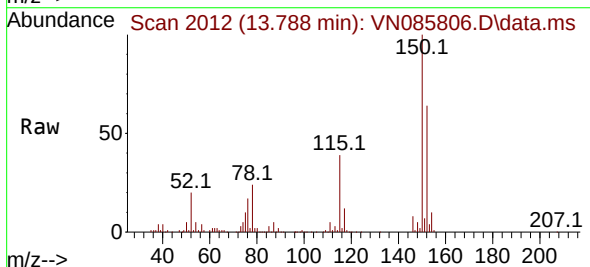
Tgt Ion:173 Resp: 53324
Ion Ratio Lower Upper
173 100
175 48.2 25.1 75.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

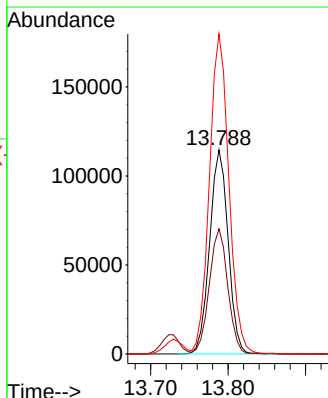
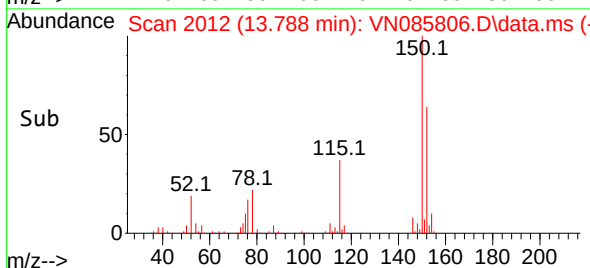
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

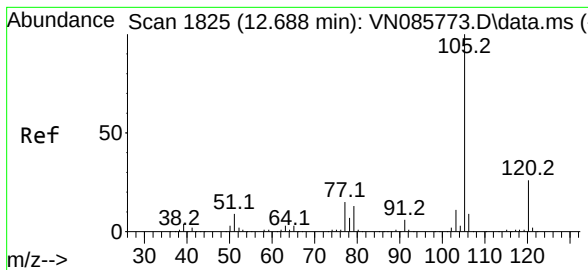


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39



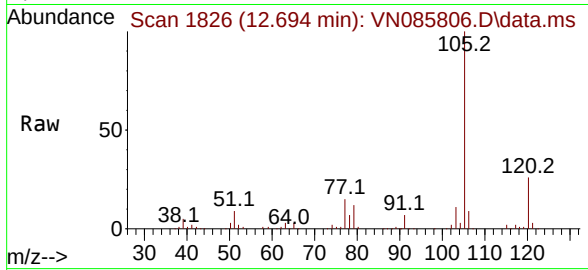
Tgt Ion:152 Resp: 190177
Ion Ratio Lower Upper
152 100
115 61.3 30.4 91.3
150 164.8 0.0 345.4





#73
Isopropylbenzene
Concen: 19.987 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

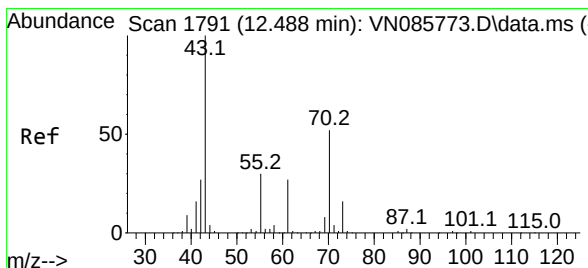
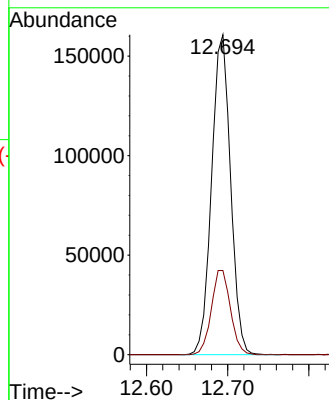
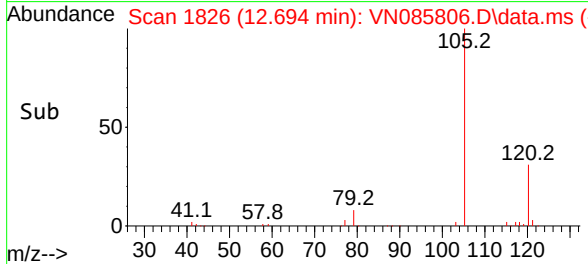
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



Tgt Ion:105 Resp: 260408
Ion Ratio Lower Upper
105 100
120 26.6 13.0 39.0

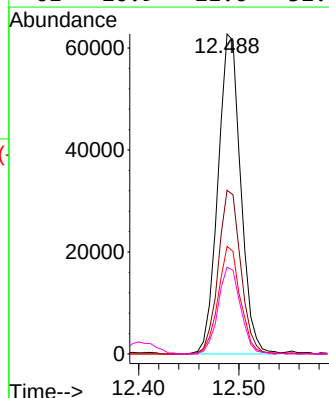
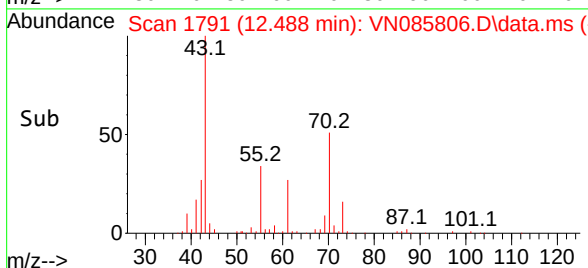
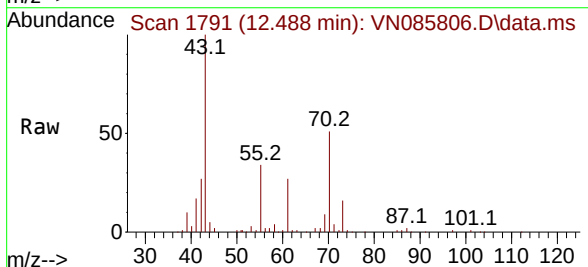
Manual Integrations
APPROVED

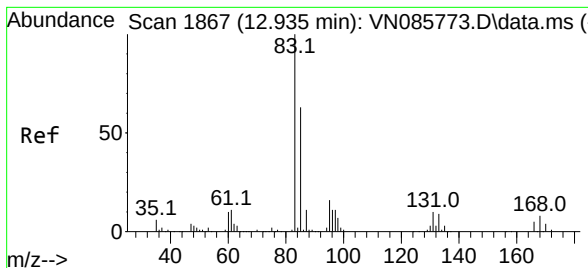
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#74
N-ethyl acetate
Concen: 21.471 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

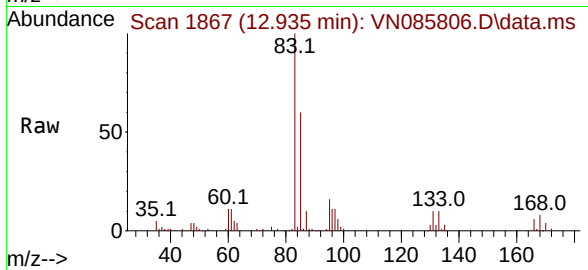
Tgt Ion: 43 Resp: 98648
Ion Ratio Lower Upper
43 100
70 50.5 41.0 61.4
55 32.8 24.6 36.8
61 26.9 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 21.270 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

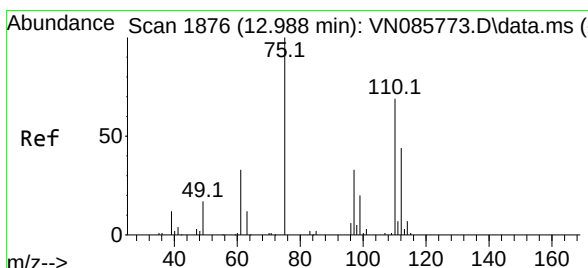
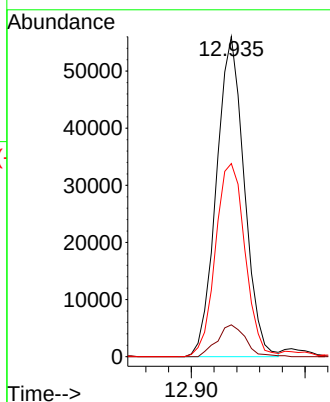
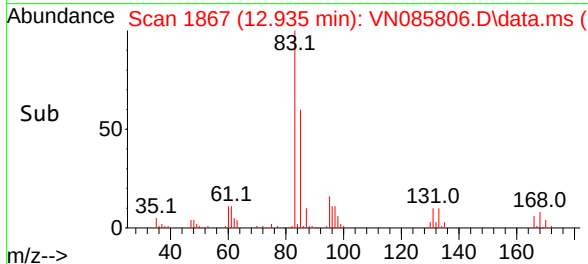
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



Tgt Ion: 83 Resp: 95362
Ion Ratio Lower Upper
83 100
131 10.2 5.0 15.0
85 64.0 32.2 96.6

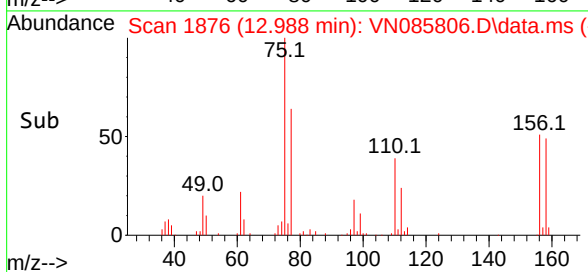
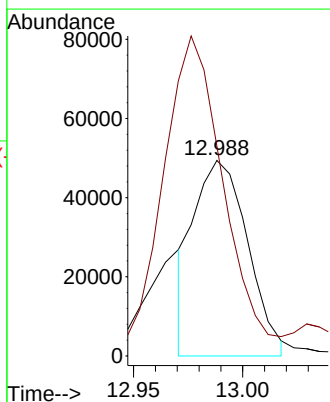
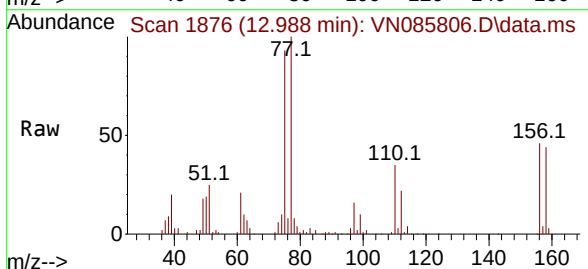
Manual Integrations
APPROVED

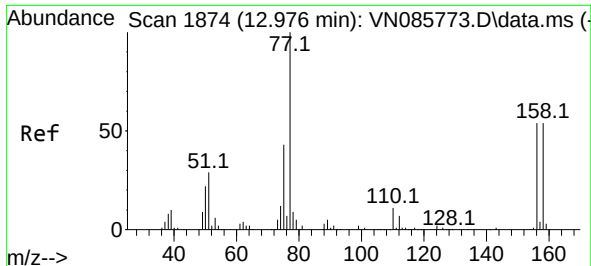
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#76
1,2,3-Trichloropropane
Concen: 20.051 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

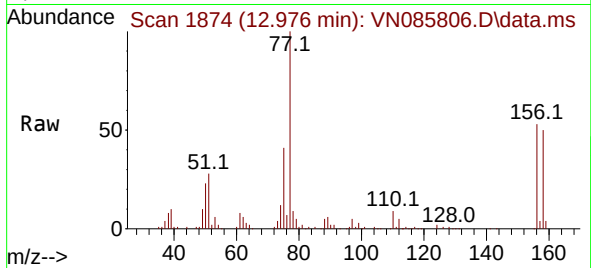
Tgt Ion: 75 Resp: 84704
Ion Ratio Lower Upper
75 100
77 185.7 100.0 300.0





#77
Bromobenzene
Concen: 20.765 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

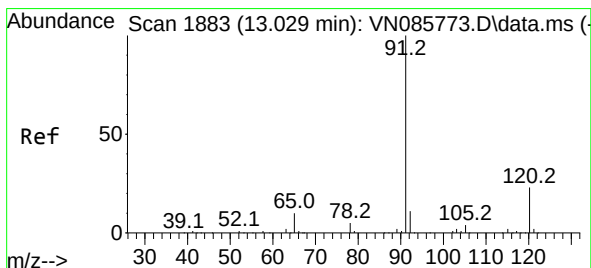
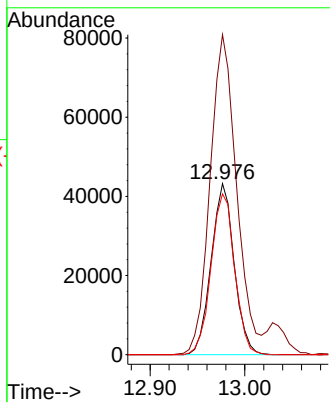
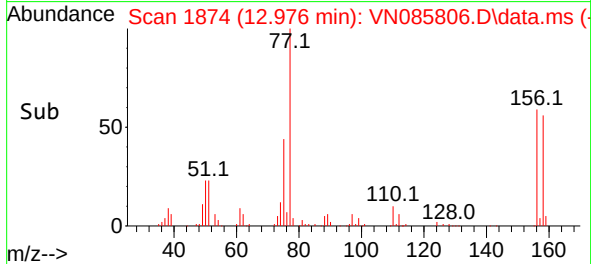
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



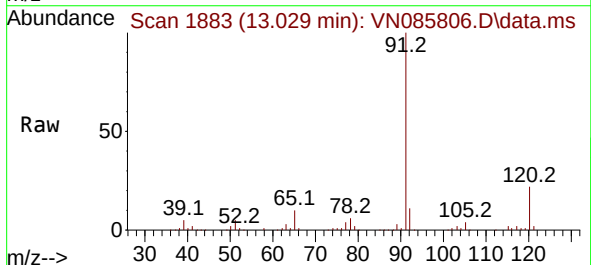
Tgt Ion:156 Resp: 73094
Ion Ratio Lower Upper
156 100
77 215.2 104.1 312.3
158 96.1 48.1 144.4

Manual Integrations
APPROVED

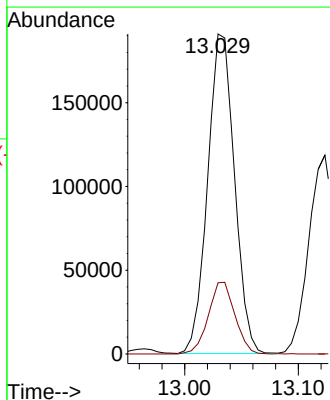
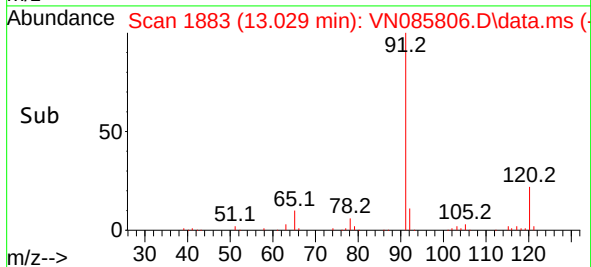
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

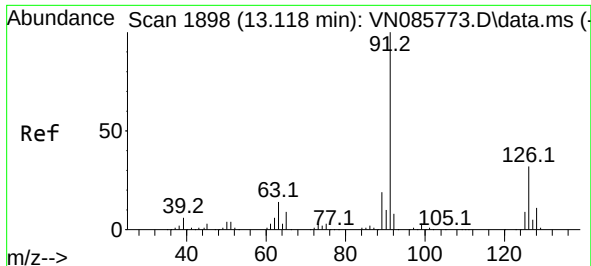


#78
n-propylbenzene
Concen: 21.020 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39



Tgt Ion: 91 Resp: 313650
Ion Ratio Lower Upper
91 100
120 22.1 11.3 33.8





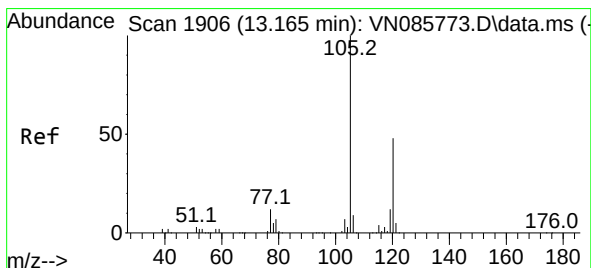
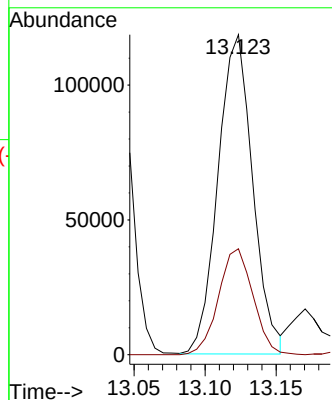
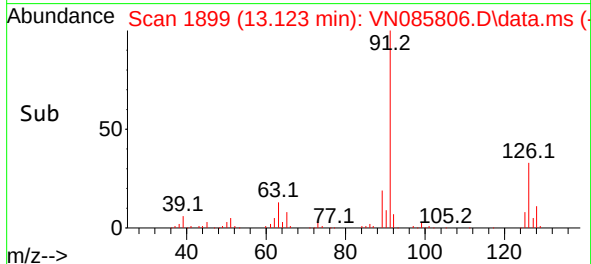
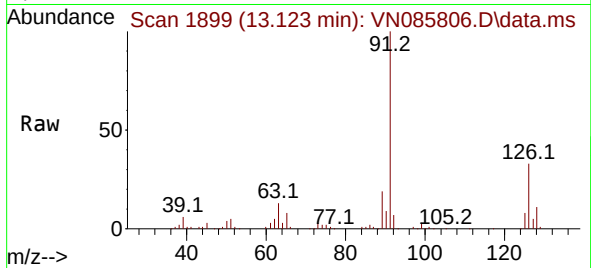
#79
2-Chlorotoluene
Concen: 20.199 ug/l
RT: 13.123 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

Tgt Ion: 91 Resp: 20137
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.1

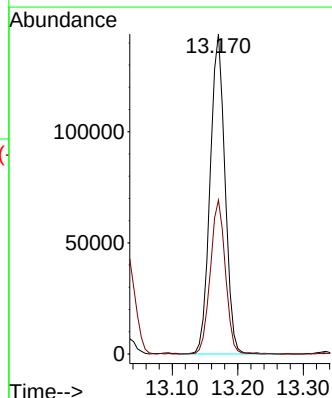
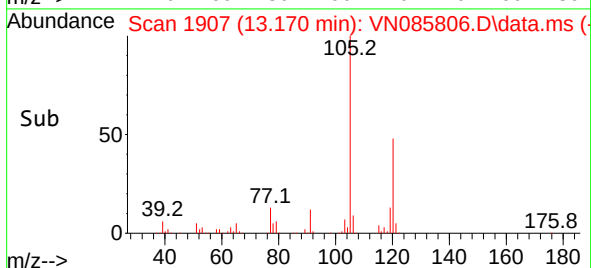
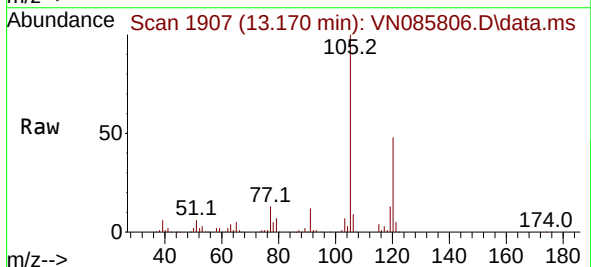
Manual Integrations
APPROVED

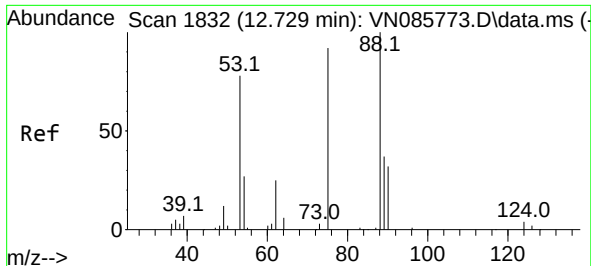
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#80
1,3,5-Trimethylbenzene
Concen: 21.417 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

Tgt Ion:105 Resp: 227305
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.9





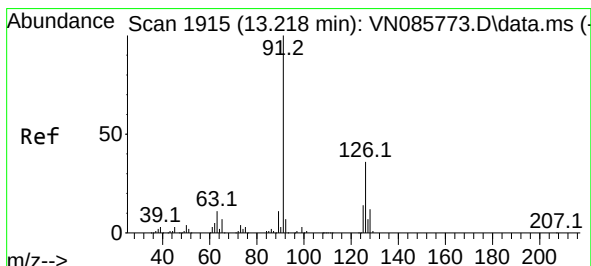
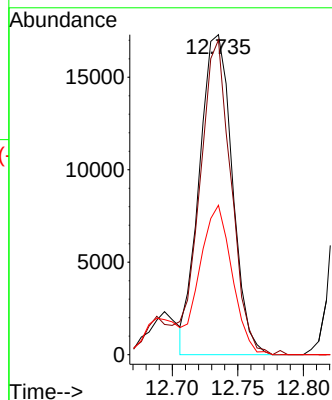
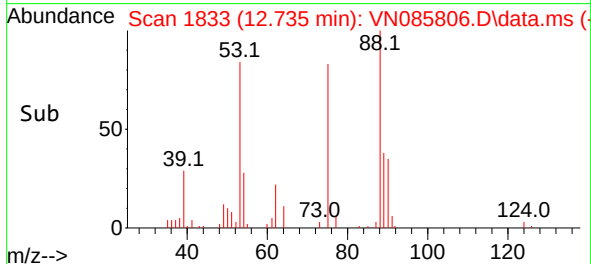
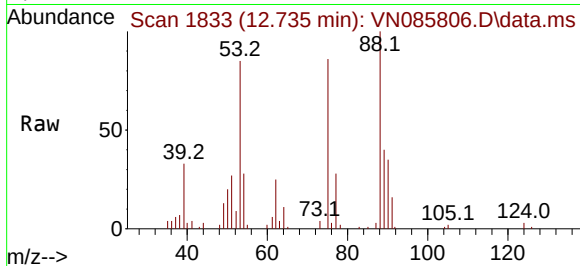
#81
trans-1,4-Dichloro-2-butene
Concen: 20.871 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

Tgt Ion: 75 Resp: 30218
Ion Ratio Lower Upper
75 100
53 94.5 74.2 111.4
89 46.0 34.9 52.3

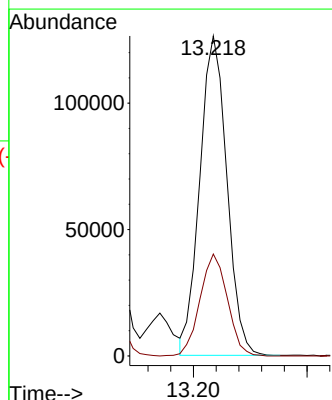
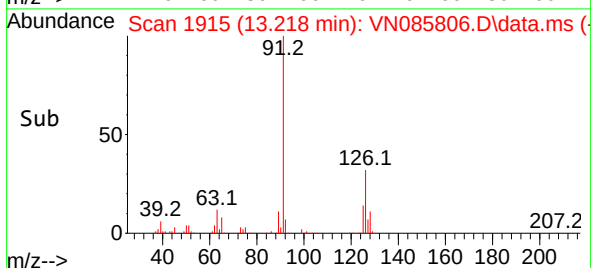
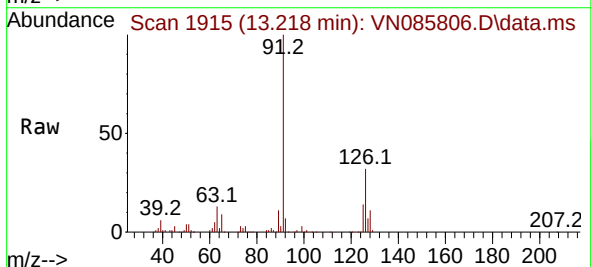
Manual Integrations
APPROVED

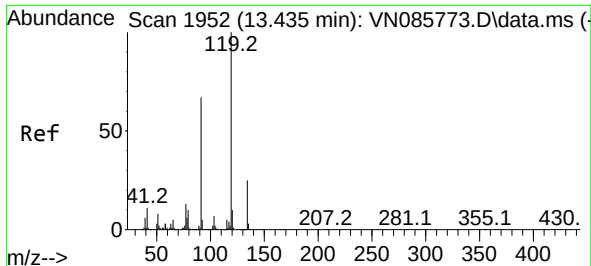
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#82
4-Chlorotoluene
Concen: 21.159 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

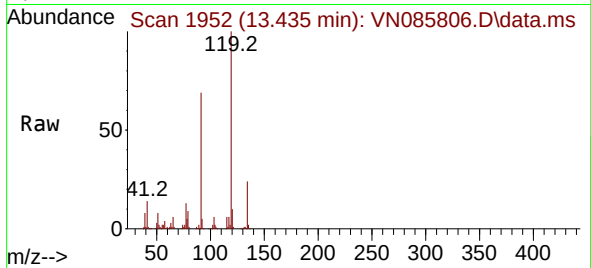
Tgt Ion: 91 Resp: 209124
Ion Ratio Lower Upper
91 100
126 32.3 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 20.034 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085806.D
 Acq: 21 Feb 2025 16:39

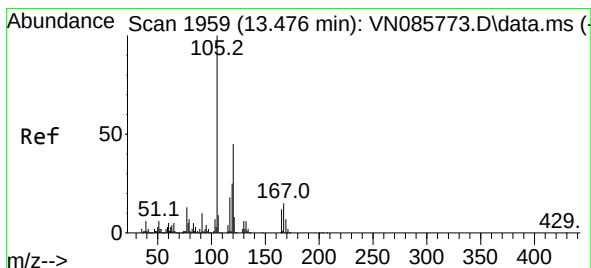
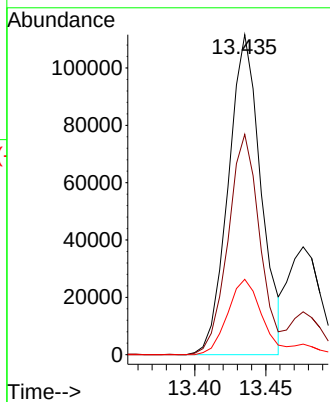
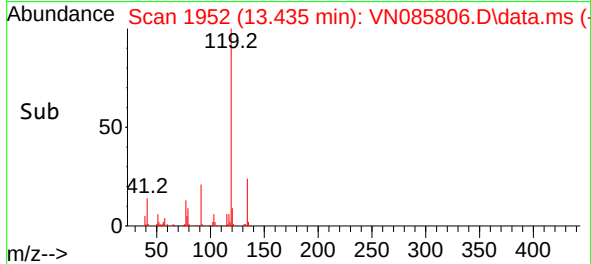
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBSD01



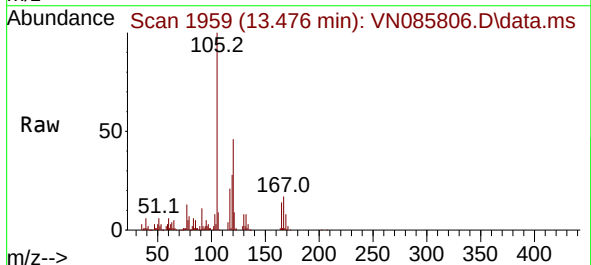
Tgt Ion:119 Resp: 178799
 Ion Ratio Lower Upper
 119 100
 91 68.2 32.5 97.5
 134 24.4 13.3 39.9

Manual Integrations
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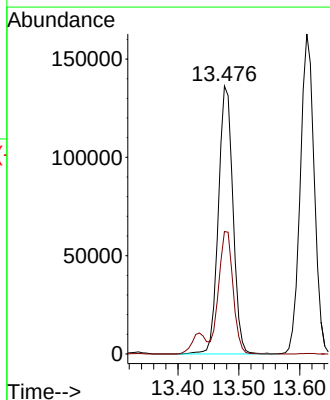
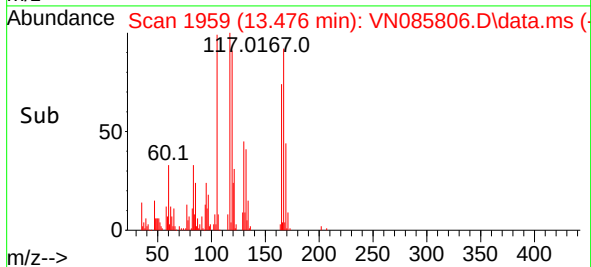
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025

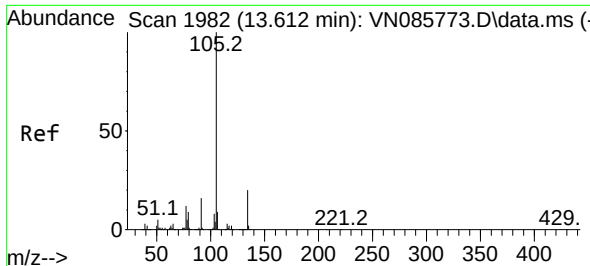


#84
 1,2,4-Trimethylbenzene
 Concen: 21.529 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VN085806.D
 Acq: 21 Feb 2025 16:39



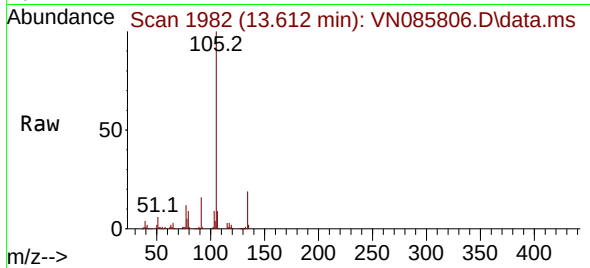
Tgt Ion:105 Resp: 226066
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 20.497 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085806.D
 Acq: 21 Feb 2025 16:39

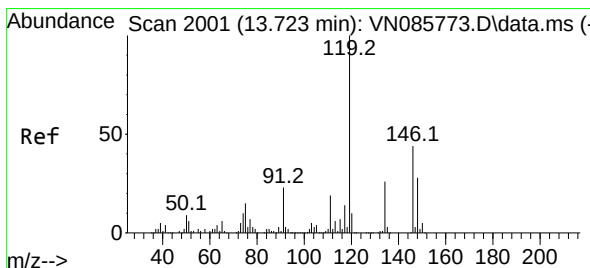
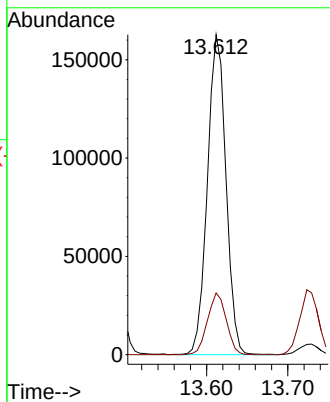
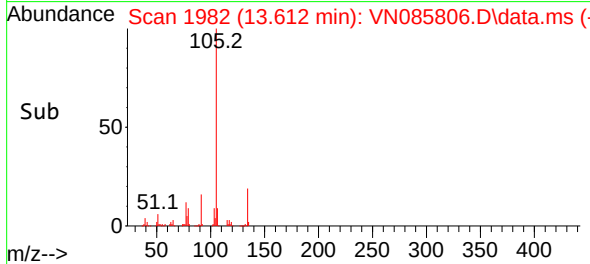
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBSD01



Tgt Ion:105 Resp: 25846
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4

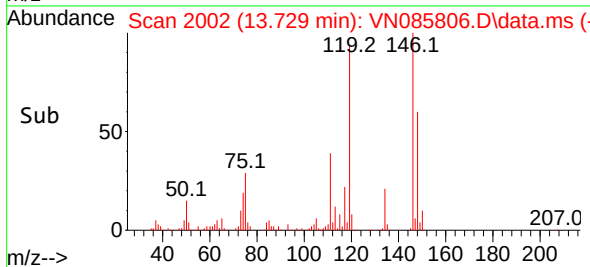
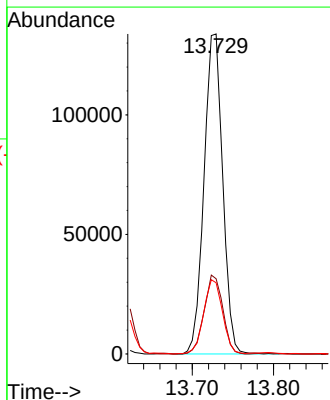
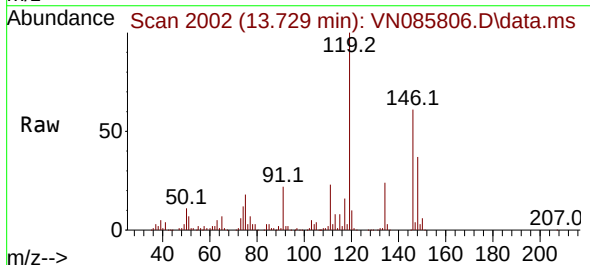
Manual Integrations
 APPROVED

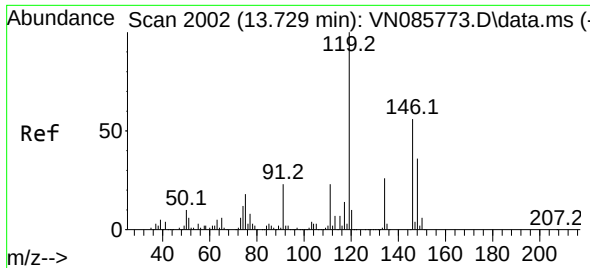
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025



#86
 p-Isopropyltoluene
 Concen: 19.811 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085806.D
 Acq: 21 Feb 2025 16:39

Tgt Ion:119 Resp: 213734
 Ion Ratio Lower Upper
 119 100
 134 24.6 13.0 39.0
 91 23.5 11.7 35.1





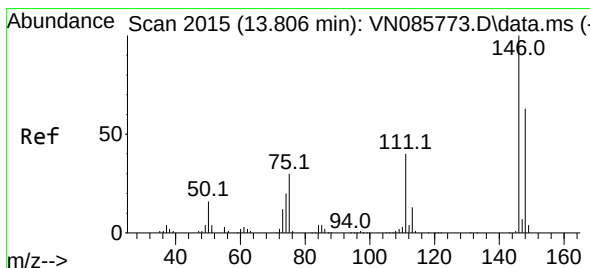
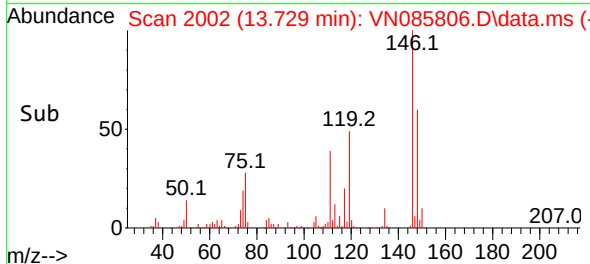
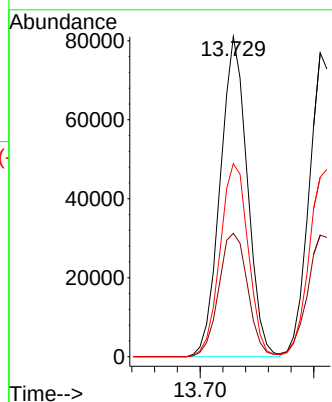
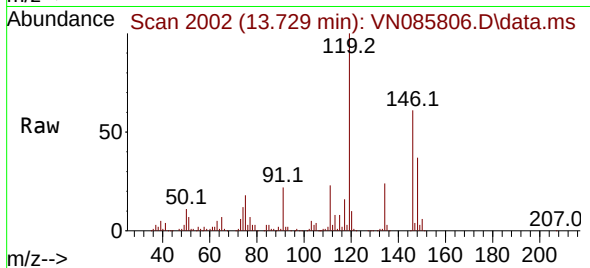
#87
1,3-Dichlorobenzene
Concen: 20.364 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

Tgt Ion:146 Resp: 134299
Ion Ratio Lower Upper
146 100
111 41.1 21.1 63.3
148 62.7 32.1 96.5

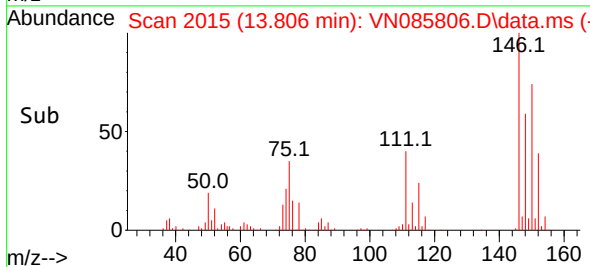
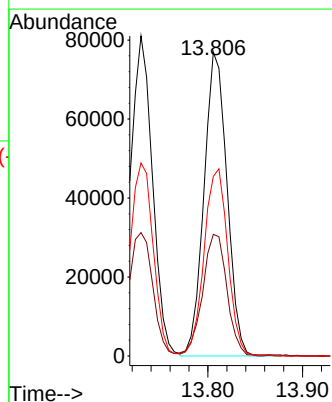
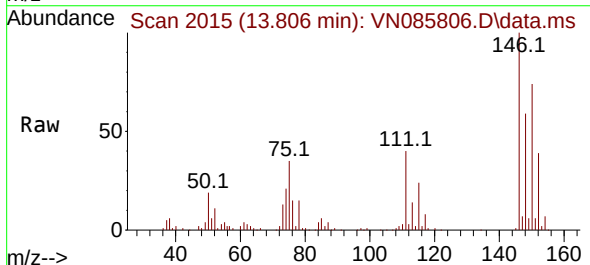
Manual Integrations
APPROVED

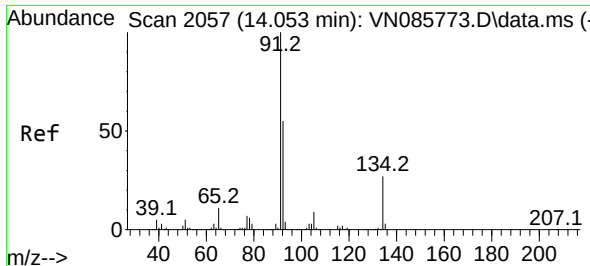
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#88
1,4-Dichlorobenzene
Concen: 19.247 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

Tgt Ion:146 Resp: 130093
Ion Ratio Lower Upper
146 100
111 42.4 20.4 61.3
148 63.5 31.8 95.4





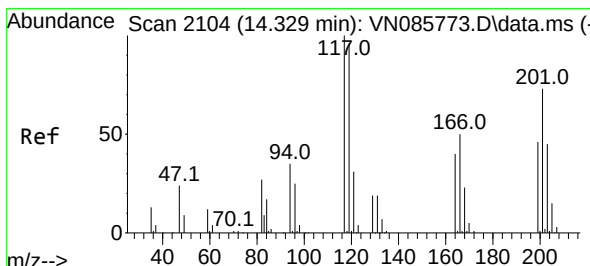
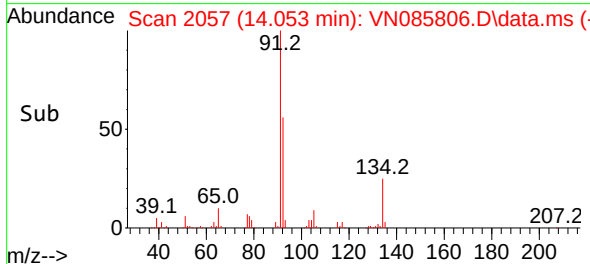
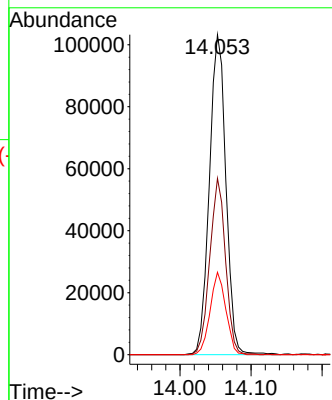
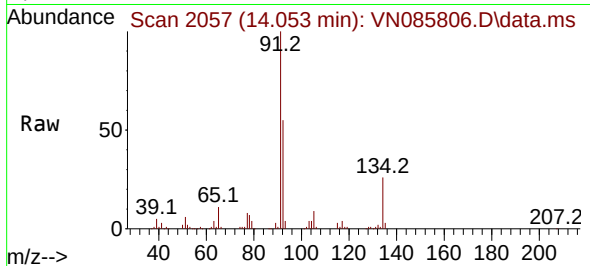
#89
n-Butylbenzene
Concen: 18.656 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

Tgt Ion: 91 Resp: 167020
Ion Ratio Lower Upper
91 100
92 52.5 27.1 81.3
134 24.4 12.7 38.1

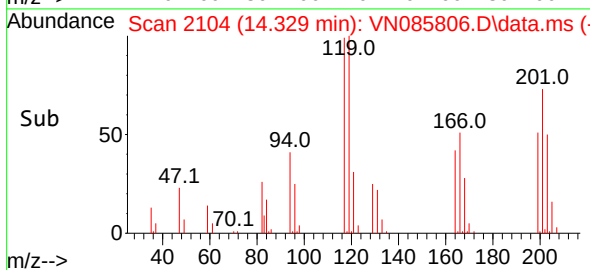
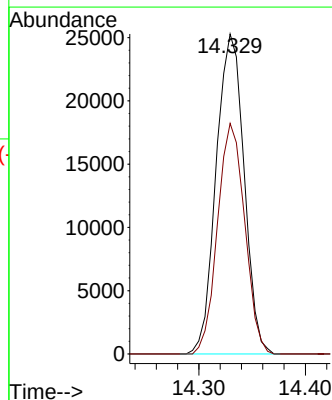
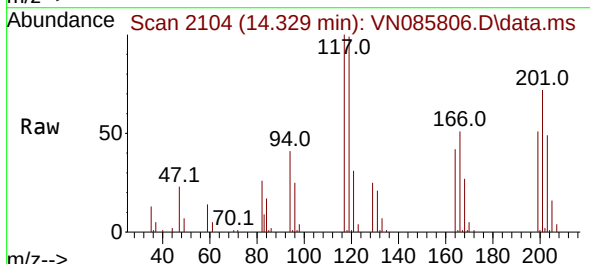
Manual Integrations
APPROVED

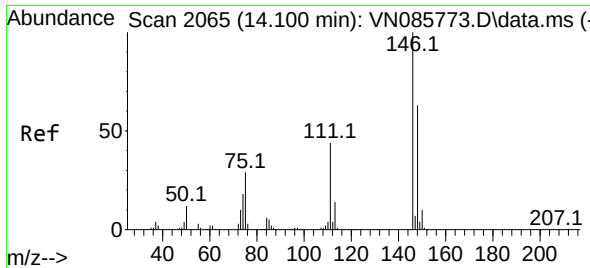
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#90
Hexachloroethane
Concen: 19.265 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

Tgt Ion:117 Resp: 46008
Ion Ratio Lower Upper
117 100
201 70.1 35.6 106.9





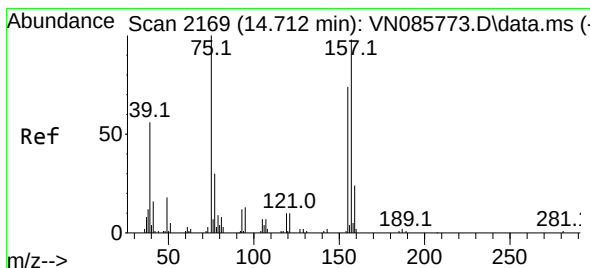
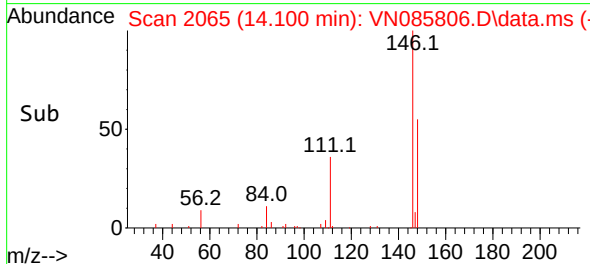
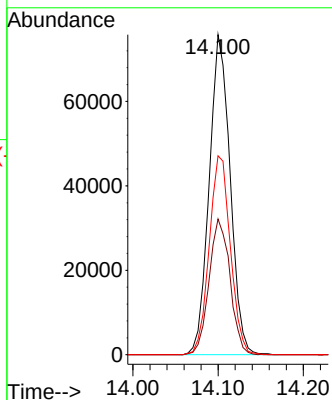
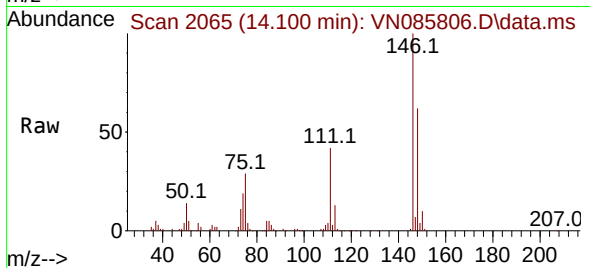
#91
1,2-Dichlorobenzene
Concen: 20.389 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

Tgt Ion:146 Resp: 12930
Ion Ratio Lower Upper
146 100
111 42.4 21.4 64.3
148 62.8 32.0 96.2

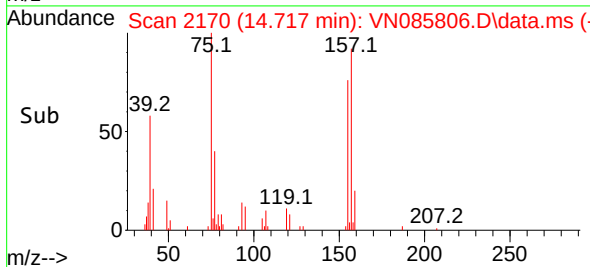
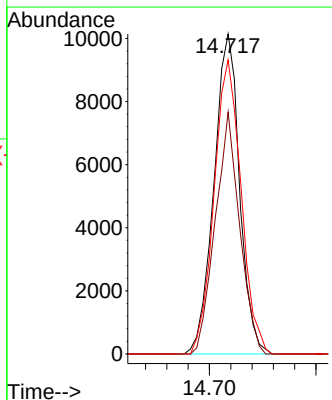
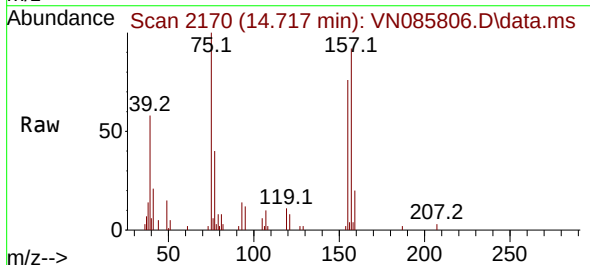
Manual Integrations
APPROVED

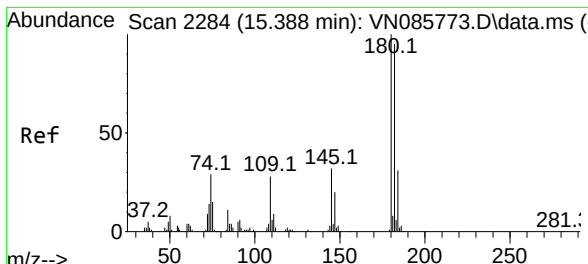
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.538 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

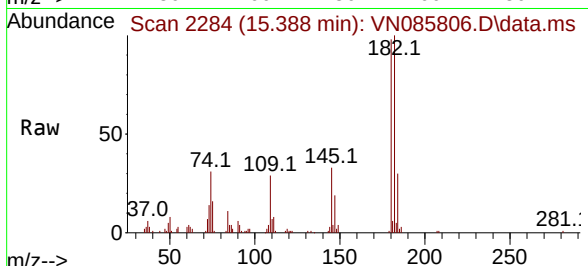
Tgt Ion: 75 Resp: 16909
Ion Ratio Lower Upper
75 100
155 72.2 39.9 119.6
157 97.0 49.9 149.7





#93
 1,2,4-Trichlorobenzene
 Concen: 18.563 ug/l
 RT: 15.388 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: VN085806.D
 Acq: 21 Feb 2025 16:39

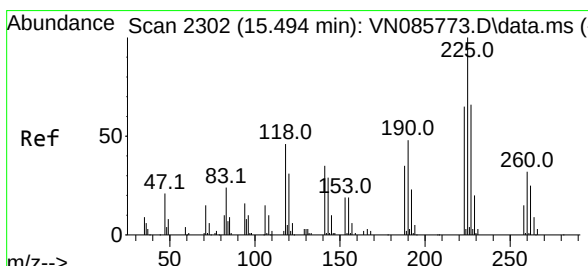
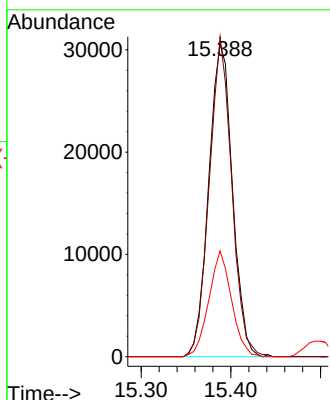
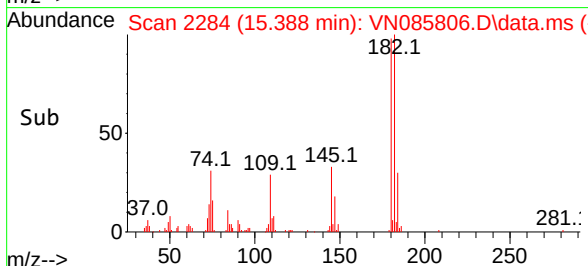
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBSD01



Tgt Ion:180 Resp: 5609
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.3 141.9
 145 32.4 16.2 48.5

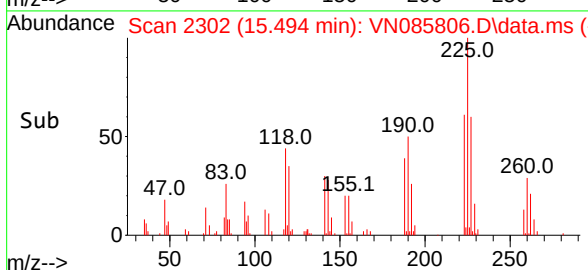
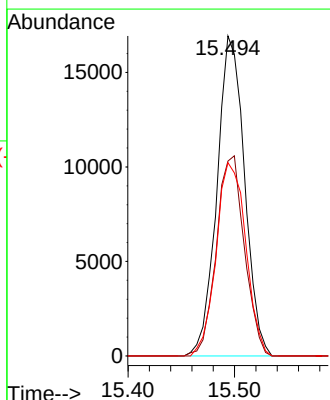
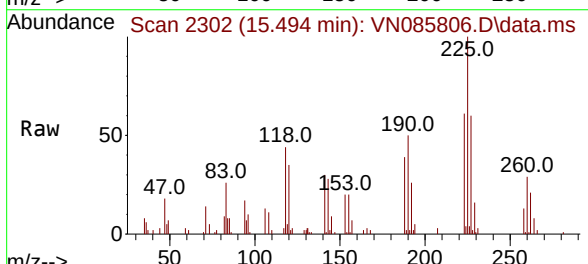
Manual Integrations
 APPROVED

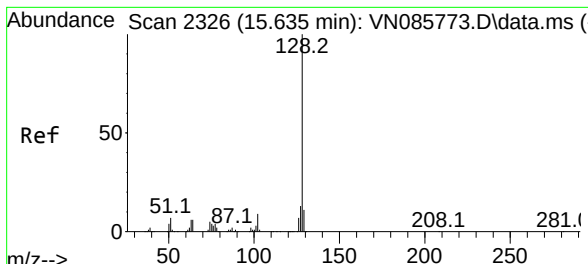
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025



#94
 Hexachlorobutadiene
 Concen: 16.575 ug/l
 RT: 15.494 min Scan# 2302
 Delta R.T. 0.000 min
 Lab File: VN085806.D
 Acq: 21 Feb 2025 16:39

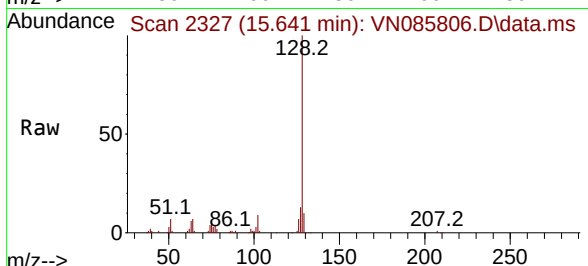
Tgt Ion:225 Resp: 30441
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.9 95.5
 227 64.7 32.2 96.6





#95
Naphthalene
Concen: 18.229 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

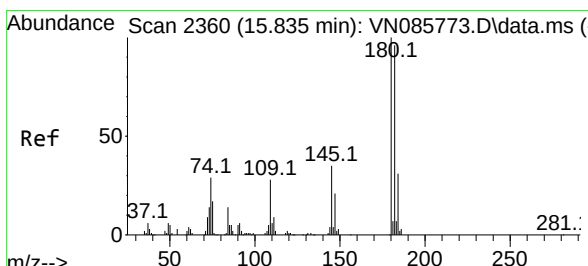
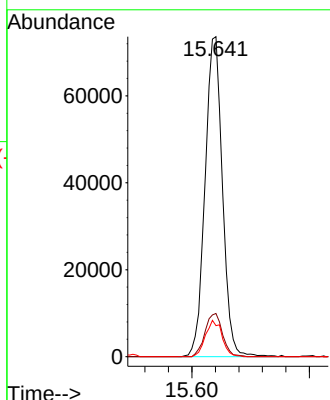
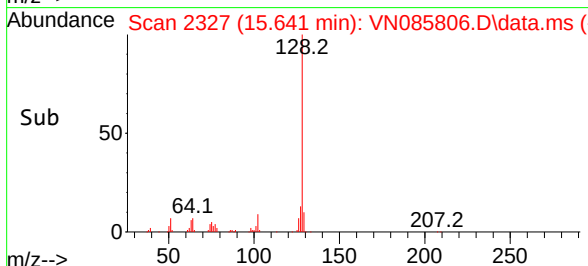
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



Tgt Ion:128 Resp: 15123
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.2
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.881 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085806.D
Acq: 21 Feb 2025 16:39

Tgt Ion:180 Resp: 57280
Ion Ratio Lower Upper
180 100
182 92.6 47.3 141.8
145 33.1 16.9 50.6

