

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022625\
 Data File : VN085876.D
 Acq On : 26 Feb 2025 17:09
 Operator : JC\MD
 Sample : Q1421-05MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-CLAY-CF01-01MS

Quant Time: Feb 26 23:07:43 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/27/2025
 Supervised By : Mahesh Dadoda 02/27/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	267945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	447222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	395097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	197597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	161156	46.392	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.780%		
35) Dibromofluoromethane	8.159	113	141996	48.522	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.040%		
50) Toluene-d8	10.565	98	510198	47.919	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.840%		
62) 4-Bromofluorobenzene	12.847	95	181956	51.869	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	103.740%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	148624	40.779	ug/l	99
3) Chloromethane	2.359	50	152770	41.773	ug/l	100
4) Vinyl Chloride	2.512	62	163386	42.194	ug/l	96
5) Bromomethane	2.948	94	100335	40.523	ug/l	98
6) Chloroethane	3.118	64	105625	41.181	ug/l	100
7) Trichlorofluoromethane	3.495	101	231027	41.208	ug/l	97
8) Diethyl Ether	3.959	74	87274	48.112	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	135987	41.962	ug/l	98
10) Methyl Iodide	4.589	142	185129	46.344	ug/l	99
11) Tert butyl alcohol	5.518	59	105645	247.265	ug/l	99
12) 1,1-Dichloroethene	4.342	96	131169	44.640	ug/l	98
13) Acrolein	4.177	56	139709	220.503	ug/l	98
14) Allyl chloride	5.018	41	172310	44.665	ug/l	94
15) Acrylonitrile	5.718	53	355753	256.127	ug/l	99
16) Acetone	4.424	43	306006	278.395	ug/l	96
17) Carbon Disulfide	4.712	76	326672	37.512	ug/l	100
18) Methyl Acetate	5.024	43	189184	50.040	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	444552	50.913	ug/l	99
20) Methylene Chloride	5.277	84	169406	47.925	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	135624	42.865	ug/l	92
22) Diisopropyl ether	6.671	45	441967	50.700	ug/l	97
23) Vinyl Acetate	6.600	43	1429563	239.509	ug/l	99
24) 1,1-Dichloroethane	6.571	63	271089	45.746	ug/l	98
25) 2-Butanone	7.477	43	423433	261.848	ug/l	100
26) 2,2-Dichloropropane	7.488	77	206206	39.133	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	169755	46.273	ug/l	98
28) Bromochloromethane	7.812	49	129172	53.035	ug/l	99
29) Tetrahydrofuran	7.835	42	276604	264.888	ug/l	98
30) Chloroform	7.965	83	284050	45.868	ug/l	95
31) Cyclohexane	8.253	56	190007	38.295	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	237977	43.205	ug/l	96
36) 1,1-Dichloropropene	8.371	75	177111	42.763	ug/l	99
37) Ethyl Acetate	7.559	43	168068	49.311	ug/l	99
38) Carbon Tetrachloride	8.359	117	210041	42.682	ug/l	96
39) Methylcyclohexane	9.600	83	170248	41.843	ug/l	99
40) Benzene	8.606	78	605953	45.649	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	89170	48.940	ug/l	92
42) 1,2-Dichloroethane	8.665	62	193711	44.801	ug/l	98
43) Isopropyl Acetate	8.688	43	278996	46.605	ug/l	97
44) Trichloroethene	9.347	130	136865	41.993	ug/l	97
45) 1,2-Dichloropropane	9.618	63	153228	47.822	ug/l	99
46) Dibromomethane	9.706	93	104333	46.163	ug/l	97
47) Bromodichloromethane	9.888	83	224295	46.386	ug/l	98
48) Methyl methacrylate	9.676	41	127629	50.422	ug/l	94
49) 1,4-Dioxane	9.688	88	54900	1140.553	ug/l	100
51) 4-Methyl-2-Pentanone	10.441	43	884723	269.232	ug/l	98
52) Toluene	10.629	92	371965	47.803	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	217799	48.711	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	238897	48.725	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	149713	48.392	ug/l	99
56) Ethyl methacrylate	10.871	69	226879	50.892	ug/l	96
57) 1,3-Dichloropropane	11.159	76	254385	49.256	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	546594	296.664	ug/l	99
59) 2-Hexanone	11.194	43	640888	283.496	ug/l	98
60) Dibromochloromethane	11.359	129	179515	49.831	ug/l	99
61) 1,2-Dibromoethane	11.465	107	143894	49.226	ug/l	99
64) Tetrachloroethene	11.100	164	137245	44.839	ug/l	95
65) Chlorobenzene	11.888	112	403619	44.593	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	152348	46.829	ug/l	98
67) Ethyl Benzene	11.959	91	666583	47.015	ug/l	98
68) m/p-Xylenes	12.070	106	534279	99.206	ug/l	99
69) o-Xylene	12.394	106	252857	49.409	ug/l	98
70) Styrene	12.406	104	438422	46.395	ug/l	100
71) Bromoform	12.576	173	121387	50.214	ug/l #	97
73) Isopropylbenzene	12.694	105	614855	45.419	ug/l	98
74) N-amyl acetate	12.494	43	237651	49.782	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	210652	45.220	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	193123m	43.999	ug/l	
77) Bromobenzene	12.976	156	165508	45.253	ug/l	98
78) n-propylbenzene	13.035	91	718983	46.376	ug/l	100
79) 2-Chlorotoluene	13.123	91	464454	44.838	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	532554	48.294	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	79181	52.635	ug/l	87
82) 4-Chlorotoluene	13.217	91	468829	45.655	ug/l	100
83) tert-Butylbenzene	13.435	119	445404	48.032	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	537124	49.232	ug/l	99
85) sec-Butylbenzene	13.612	105	595269	45.434	ug/l	100
86) p-Isopropyltoluene	13.729	119	502099	42.428	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	297460	43.411	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	295472	42.072	ug/l	100
89) n-Butylbenzene	14.053	91	400109	43.012	ug/l	98
90) Hexachloroethane	14.329	117	100795	40.621	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	291198	44.193	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	37710	44.084	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	135659	43.206	ug/l	99
94) Hexachlorobutadiene	15.500	225	67633	35.444	ug/l	99
95) Naphthalene	15.641	128	413709	47.994	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	134918	42.802	ug/l	99

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

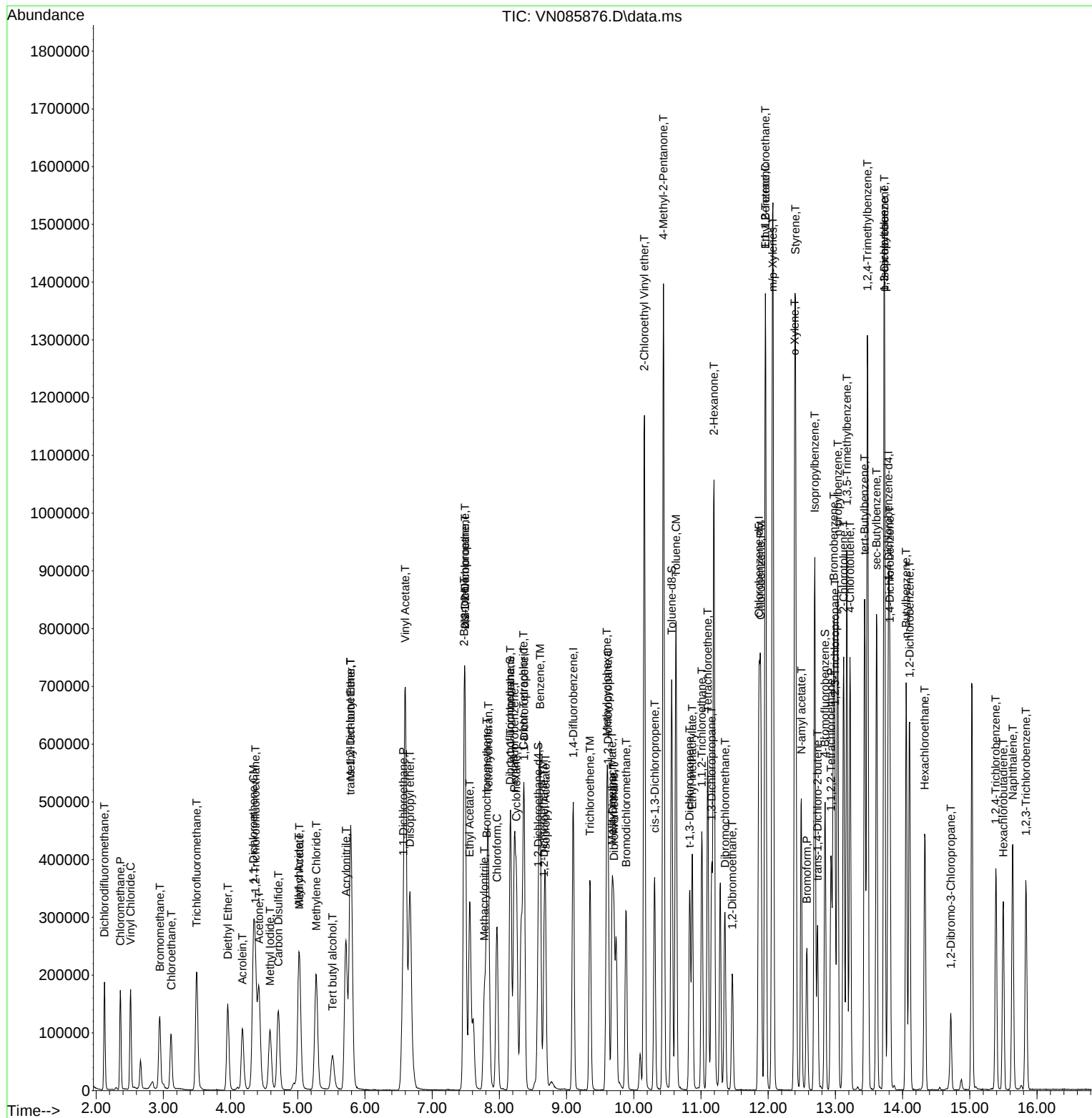
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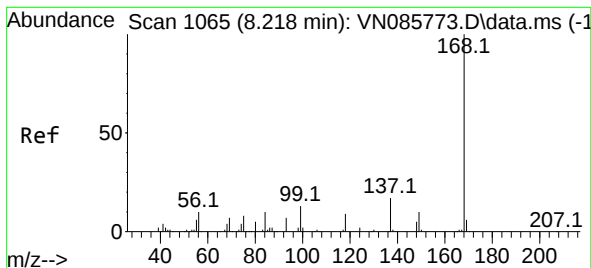
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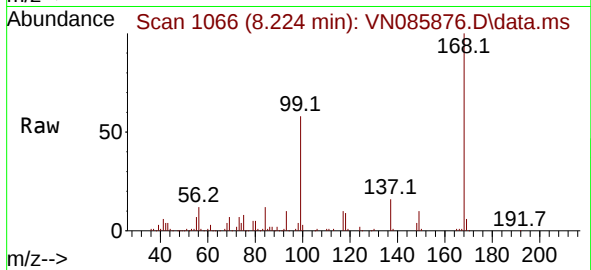
Reviewed By :John Carlone 02/27/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085876.D
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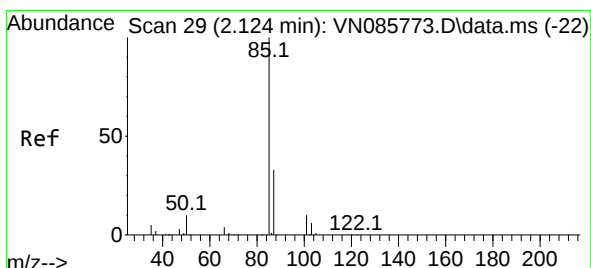
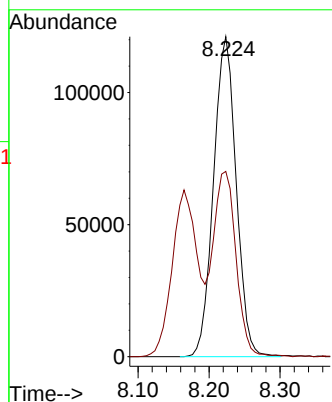
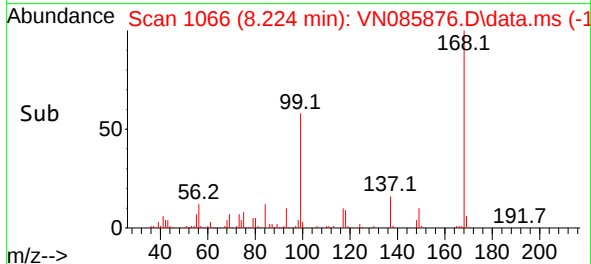
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ClientSampleId :
P001-CLAY-CF01-01MS



Tgt Ion:168 Resp: 267945
Ion Ratio Lower Upper
168 100
99 57.5 47.9 71.9

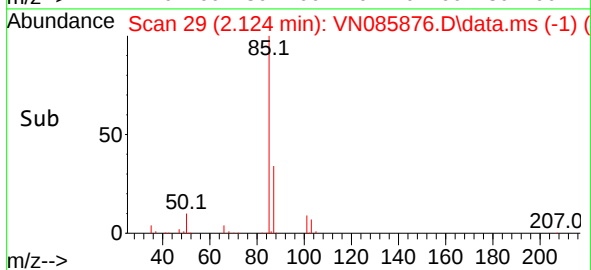
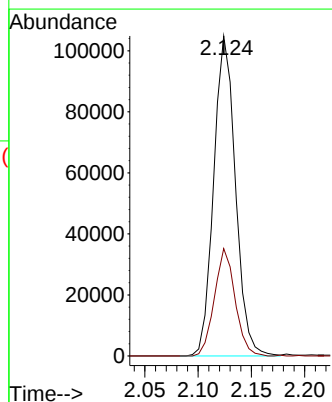
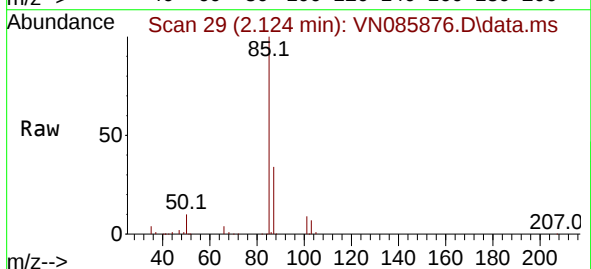
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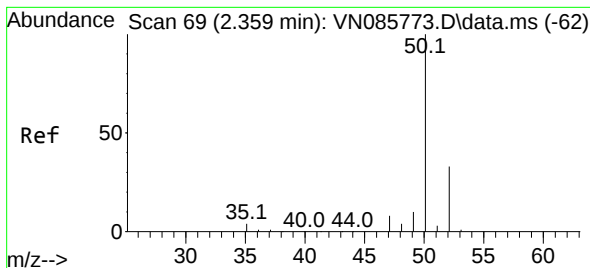
Reviewed By :John Carlone 02/27/2025
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#2
Dichlorodifluoromethane
Concen: 40.779 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085876.D
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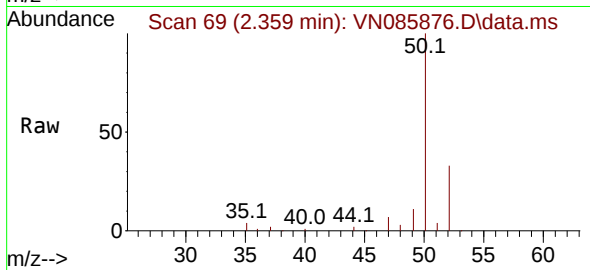
Tgt Ion: 85 Resp: 148624
Ion Ratio Lower Upper
85 100
87 33.6 16.4 49.2





#3
Chloromethane
Concen: 41.773 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

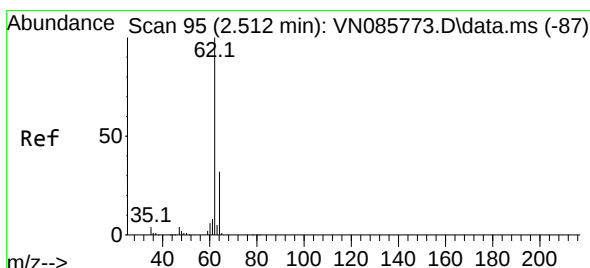
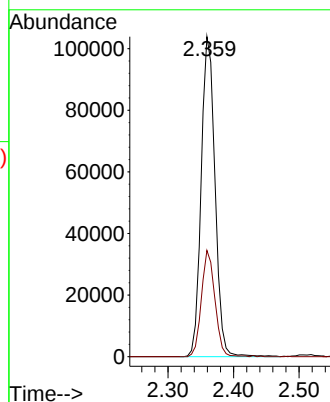
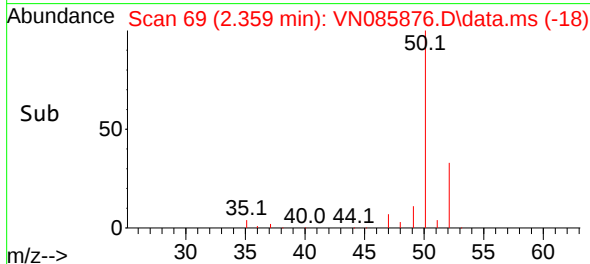
Instrument :
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Tgt Ion: 50 Resp: 152770
Ion Ratio Lower Upper
50 100
52 33.2 26.7 40.1

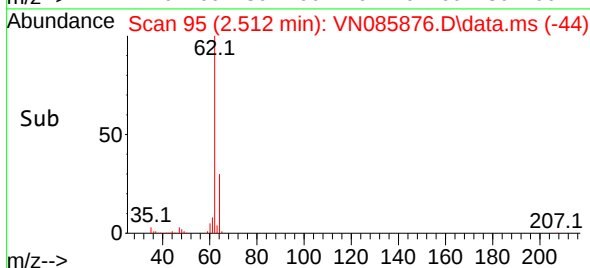
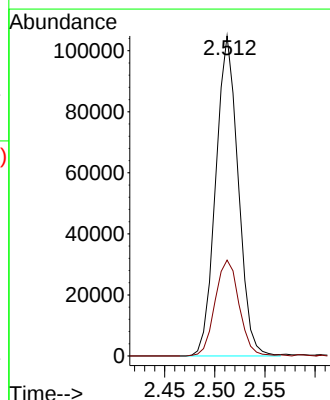
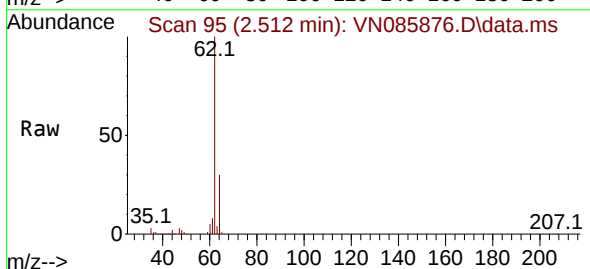
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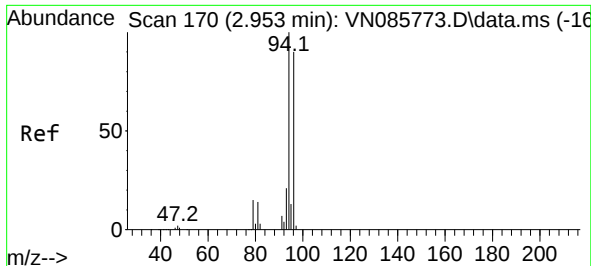
Reviewed By :John Carlone 02/27/2025
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#4
Vinyl Chloride
Concen: 42.194 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

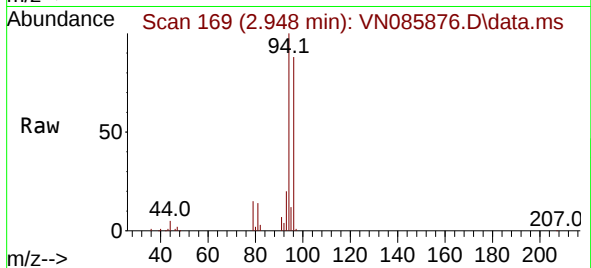
Tgt Ion: 62 Resp: 163386
Ion Ratio Lower Upper
62 100
64 29.9 25.9 38.9





#5
Bromomethane
Concen: 40.523 ug/l
RT: 2.948 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN085876.D
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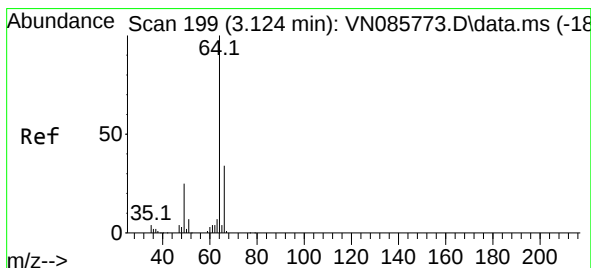
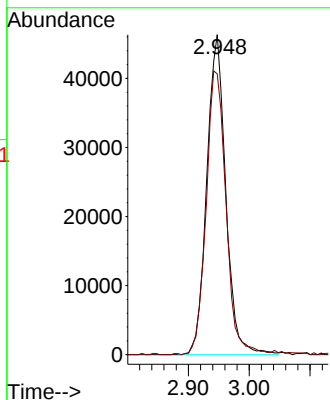
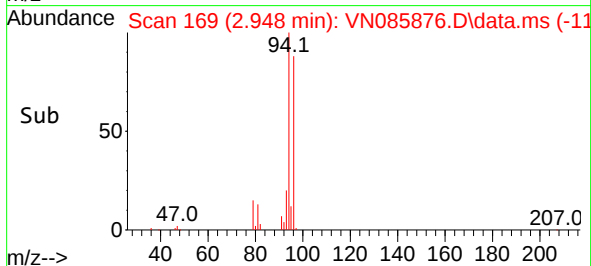
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Tgt Ion: 94 Resp: 100335
Ion Ratio Lower Upper
94 100
96 87.4 71.7 107.5

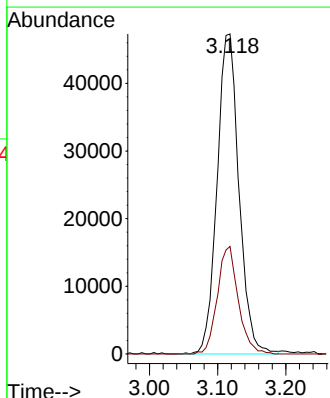
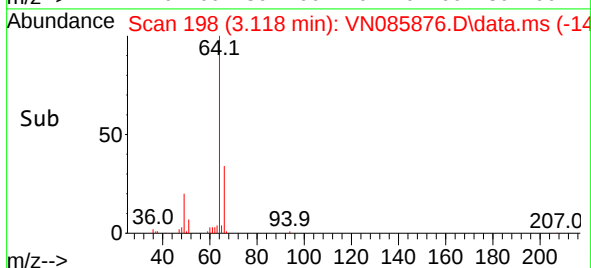
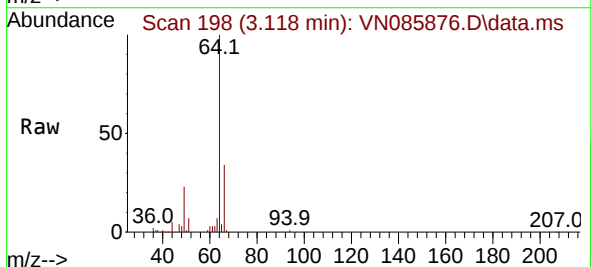
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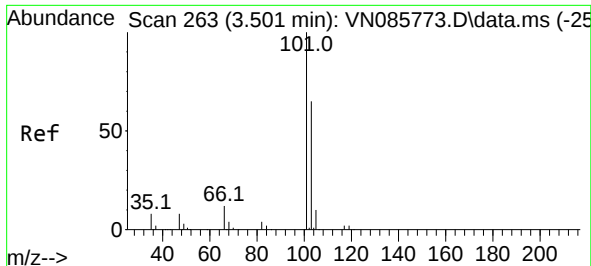
Reviewed By :John Carlone 02/27/2025
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#6
Chloroethane
Concen: 41.181 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

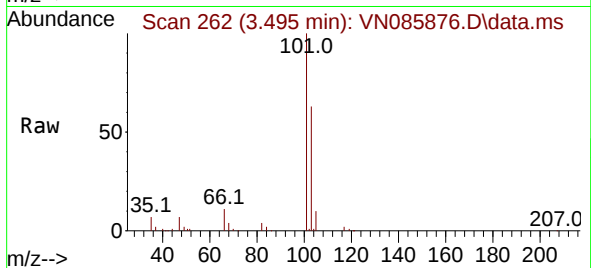
Tgt Ion: 64 Resp: 105625
Ion Ratio Lower Upper
64 100
66 33.6 27.0 40.6





#7
Trichlorofluoromethane
Concen: 41.208 ug/l
RT: 3.495 min Scan# 207
Delta R.T. -0.006 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

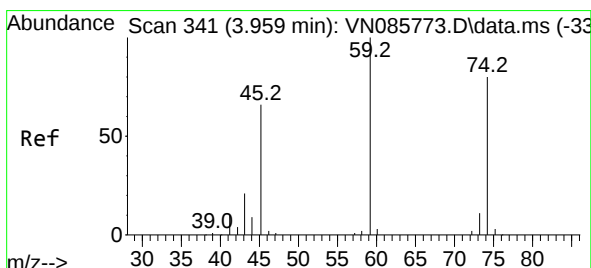
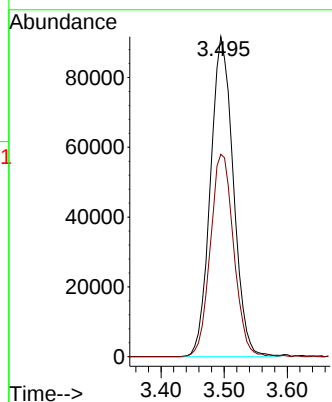
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 23102
Ion Ratio Lower Upper
101 100
103 63.2 52.2 78.4

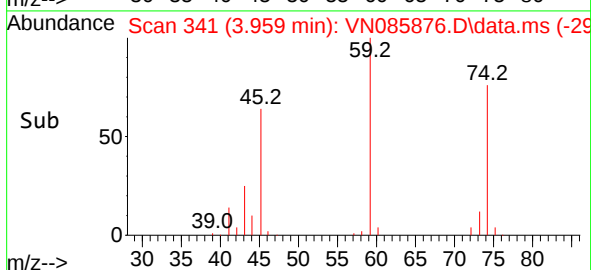
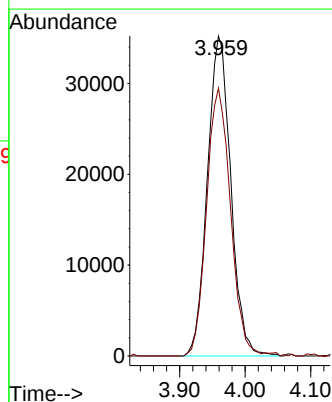
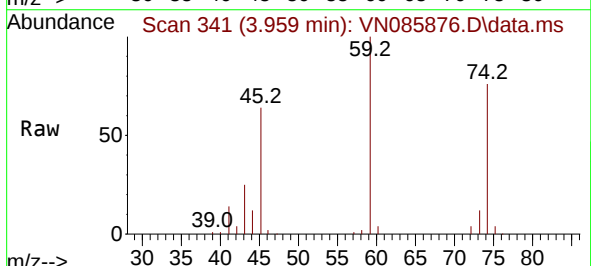
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#8
Diethyl Ether
Concen: 48.112 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN085876.D
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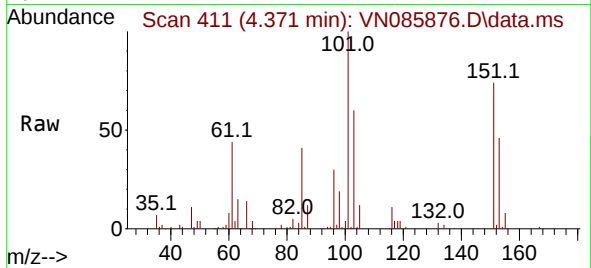
Tgt Ion: 74 Resp: 87274
Ion Ratio Lower Upper
74 100
45 85.6 42.5 127.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.962 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

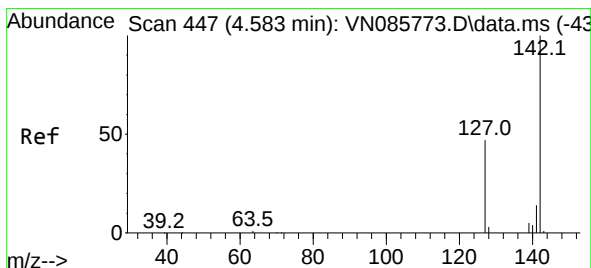
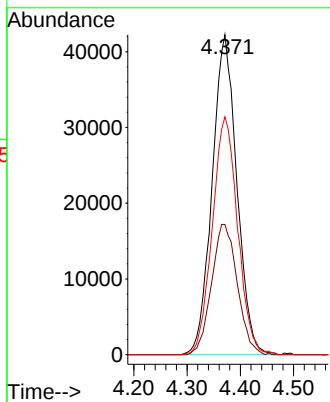
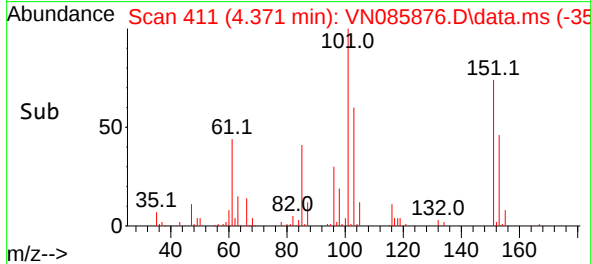
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MS



Tgt Ion:101 Resp: 13598
Ion Ratio Lower Upper
101 100
85 42.4 35.7 53.5
151 76.2 61.4 92.2

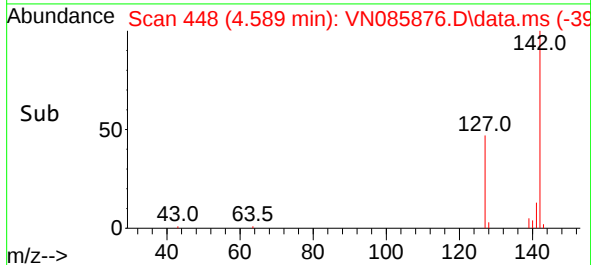
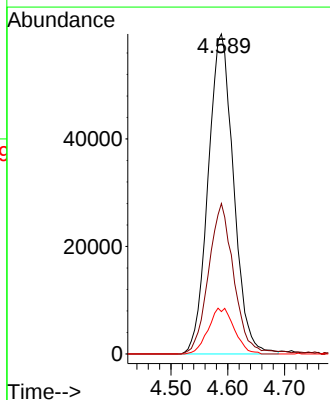
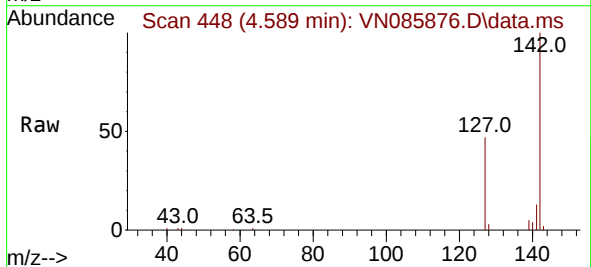
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#10
Methyl Iodide
Concen: 46.344 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

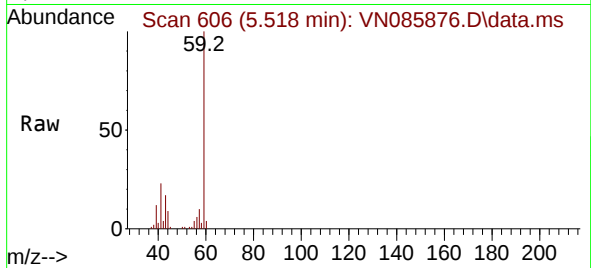
Tgt Ion:142 Resp: 185129
Ion Ratio Lower Upper
142 100
127 47.0 37.6 56.4
141 13.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 247.265 ug/l
RT: 5.518 min Scan# 604
Delta R.T. 0.012 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

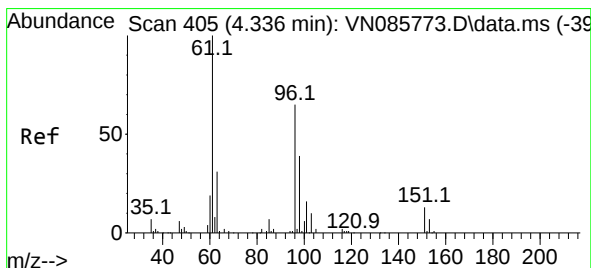
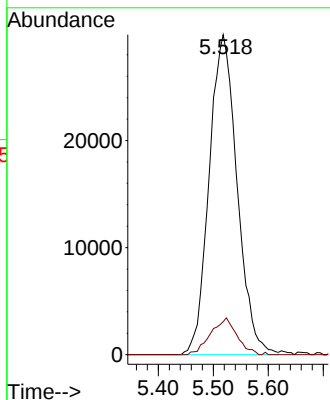
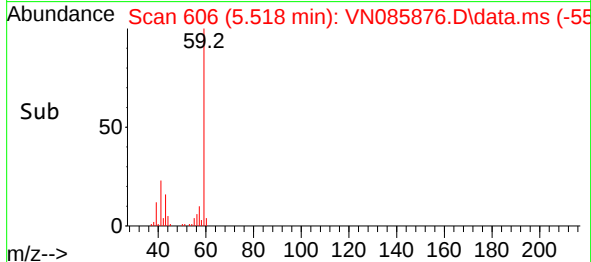
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MS



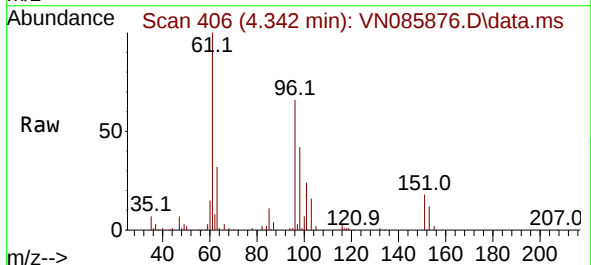
Tgt Ion: 59 Resp: 105649
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

Manual Integrations
APPROVED

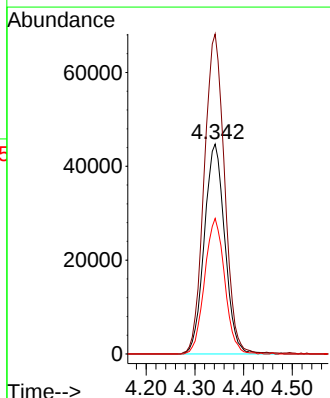
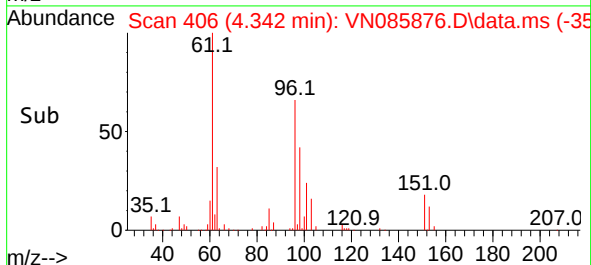
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

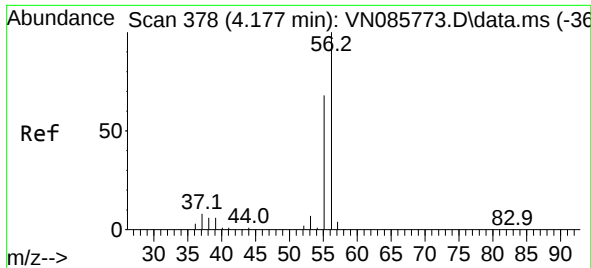


#12
1,1-Dichloroethene
Concen: 44.640 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09



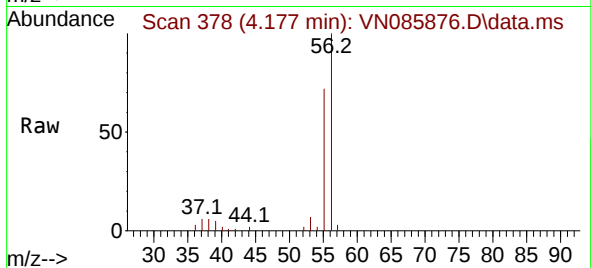
Tgt Ion: 96 Resp: 131169
Ion Ratio Lower Upper
96 100
61 152.4 123.3 184.9
98 64.6 48.6 72.8





#13
Acrolein
Concen: 220.503 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

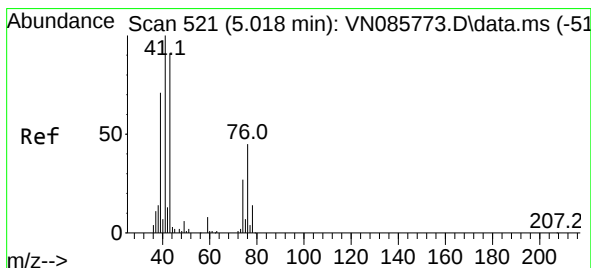
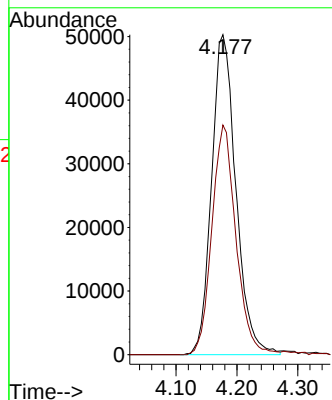
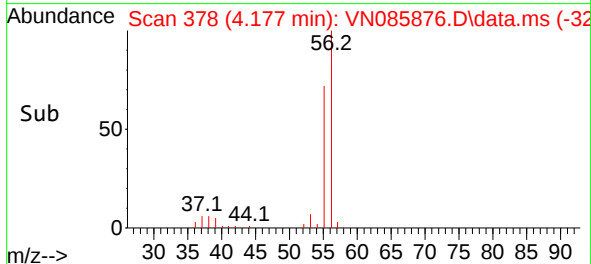
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MS



Tgt Ion: 56 Resp: 139709
Ion Ratio Lower Upper
56 100
55 71.0 55.3 82.9

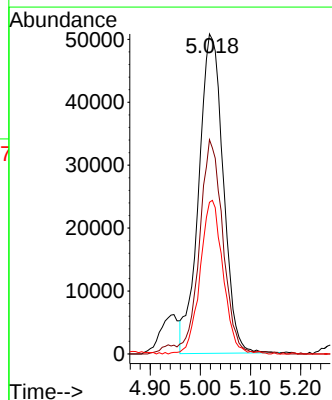
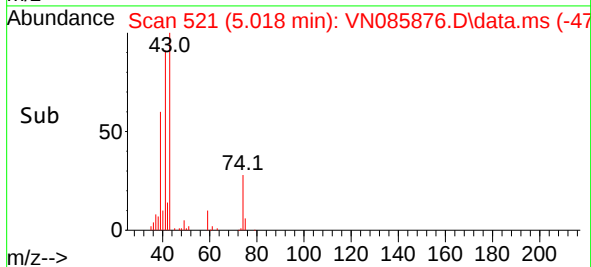
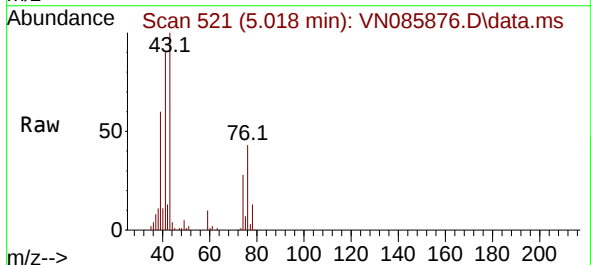
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#14
Allyl chloride
Concen: 44.665 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

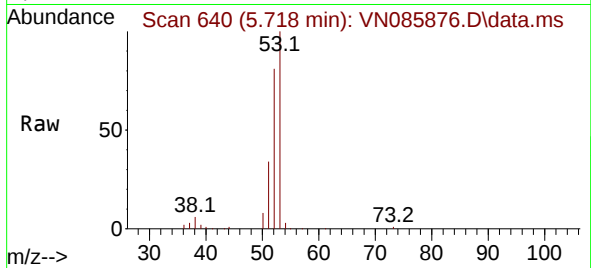
Tgt Ion: 41 Resp: 172310
Ion Ratio Lower Upper
41 100
39 64.3 57.4 86.2
76 44.9 36.2 54.2





#15
Acrylonitrile
Concen: 256.127 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

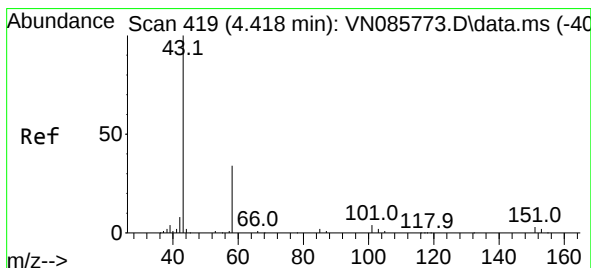
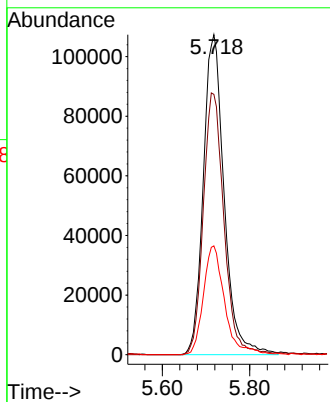
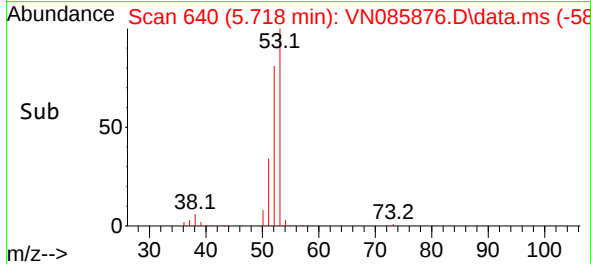
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MS



Tgt Ion: 53 Resp: 35575
Ion Ratio Lower Upper
53 100
52 80.9 65.8 98.6
51 34.8 28.6 42.8

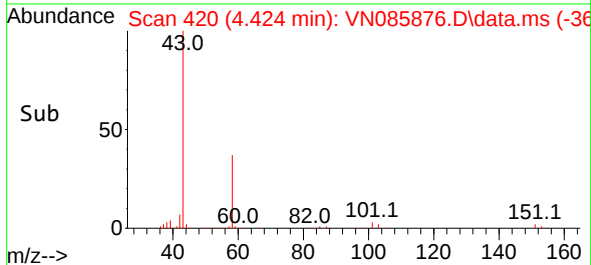
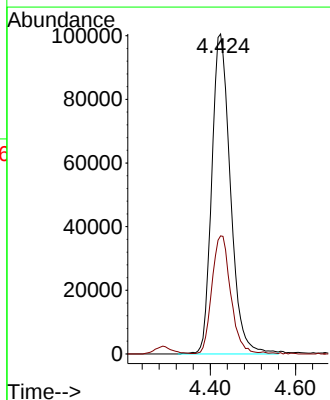
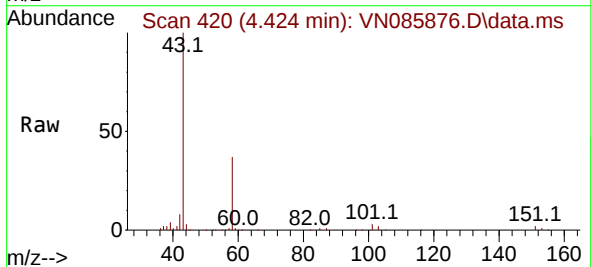
Manual Integrations
APPROVED

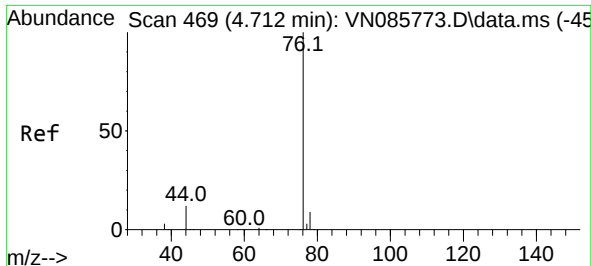
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#16
Acetone
Concen: 278.395 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

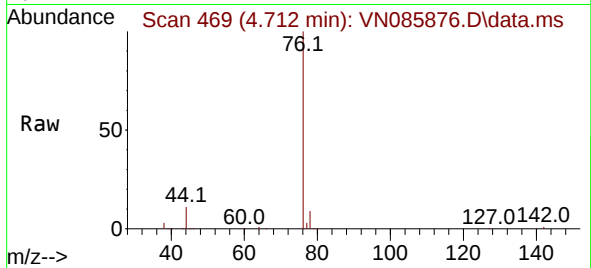
Tgt Ion: 43 Resp: 306006
Ion Ratio Lower Upper
43 100
58 36.7 27.5 41.3





#17
Carbon Disulfide
Concen: 37.512 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

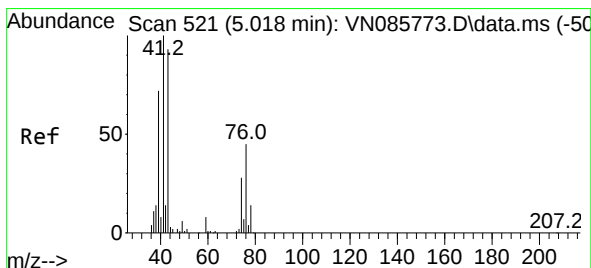
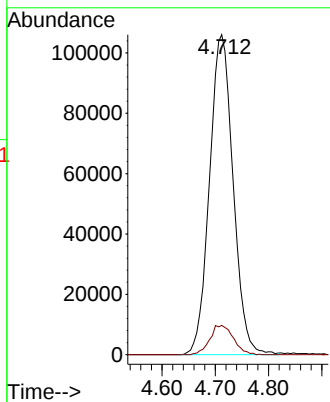
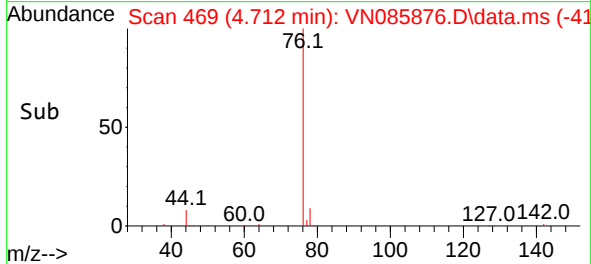
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MS



Tgt Ion: 76 Resp: 326672
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

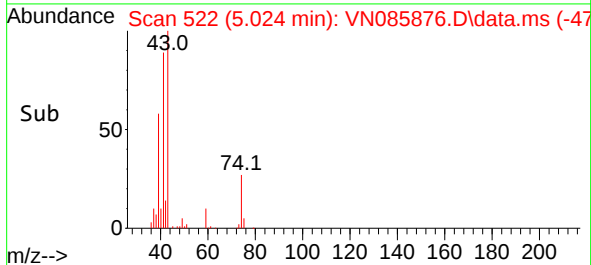
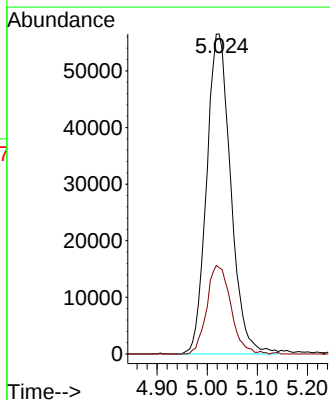
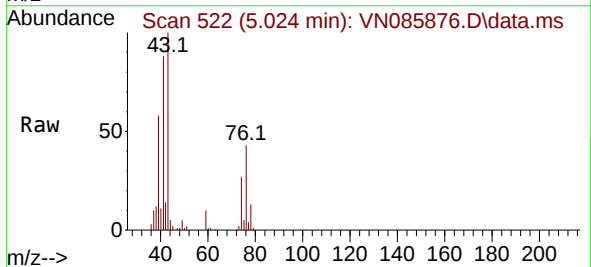
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#18
Methyl Acetate
Concen: 50.040 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

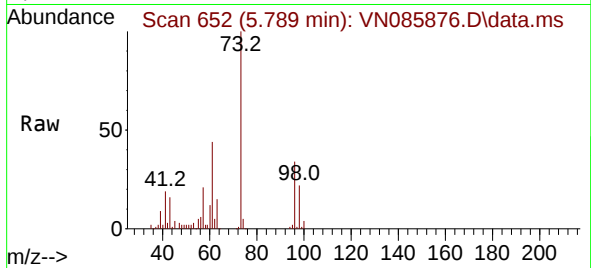
Tgt Ion: 43 Resp: 189184
Ion Ratio Lower Upper
43 100
74 27.3 22.2 33.4





#19
Methyl tert-butyl Ether
Concen: 50.913 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

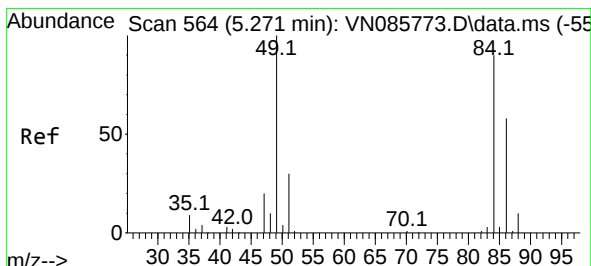
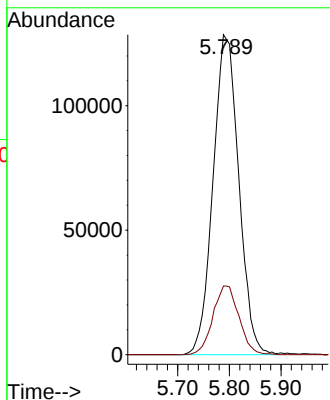
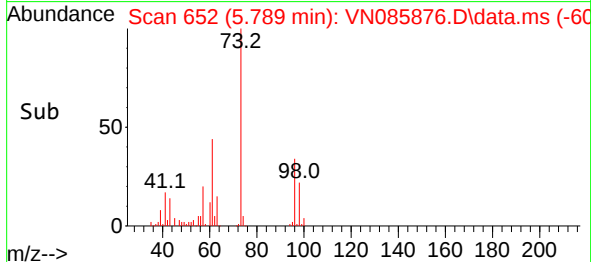
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MS



Tgt Ion: 73 Resp: 444552
Ion Ratio Lower Upper
73 100
57 21.5 17.6 26.4

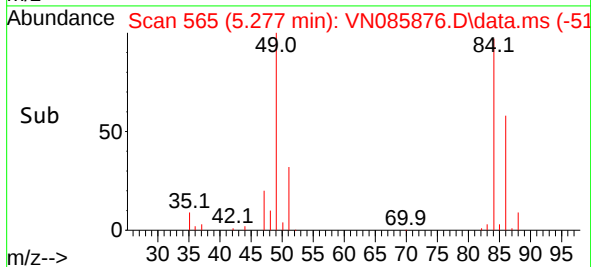
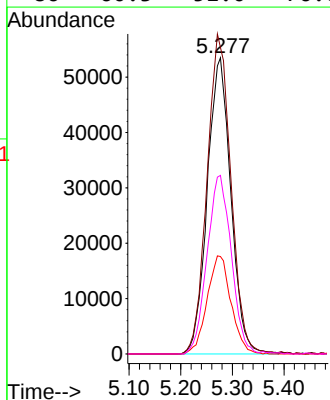
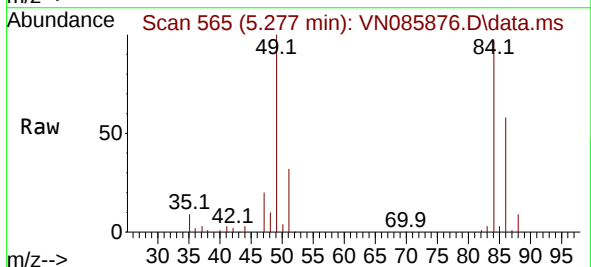
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#20
Methylene Chloride
Concen: 47.925 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

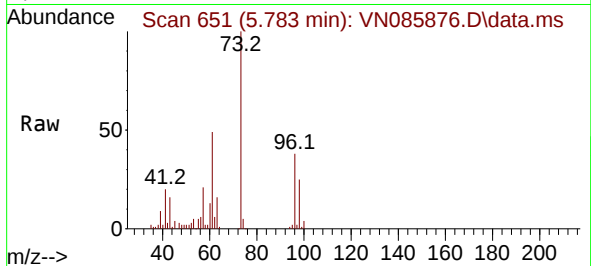
Tgt Ion: 84 Resp: 169406
Ion Ratio Lower Upper
84 100
49 103.5 88.4 132.6
51 32.9 26.6 40.0
86 60.3 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 42.865 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

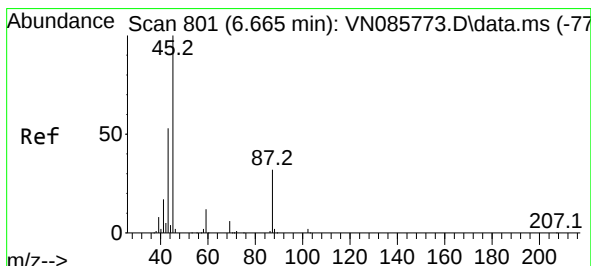
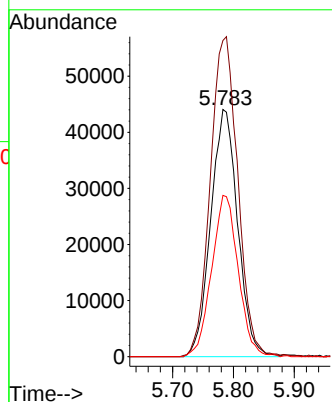
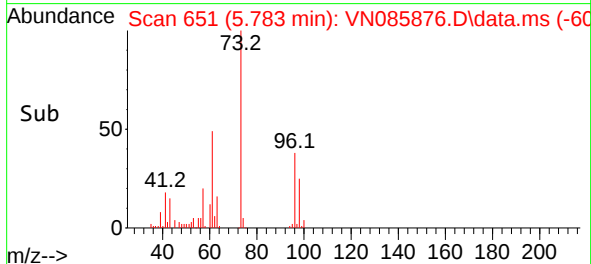
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MS



Tgt Ion: 96 Resp: 135624
Ion Ratio Lower Upper
96 100
61 127.9 112.6 168.8
98 65.2 53.3 79.9

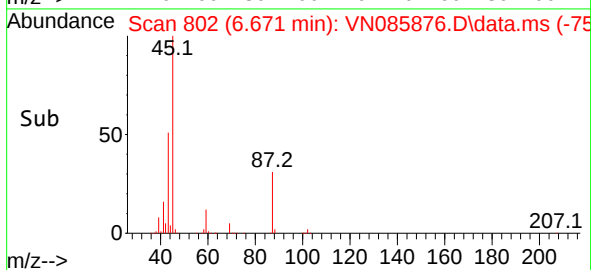
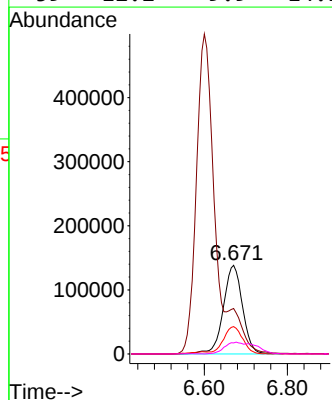
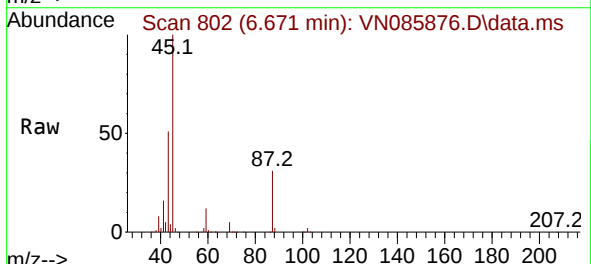
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#22
Diisopropyl ether
Concen: 50.700 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

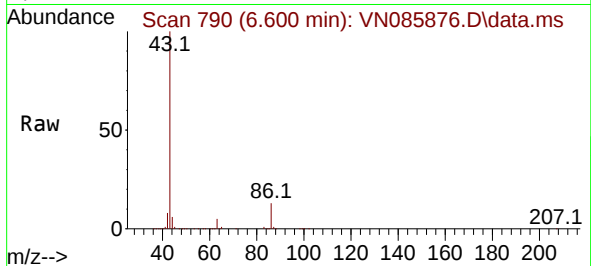
Tgt Ion: 45 Resp: 441967
Ion Ratio Lower Upper
45 100
43 50.5 42.6 64.0
87 30.6 25.8 38.8
59 12.2 9.9 14.9





#23
 Vinyl Acetate
 Concen: 239.509 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085876.D
 Acq: 26 Feb 2025 17:09

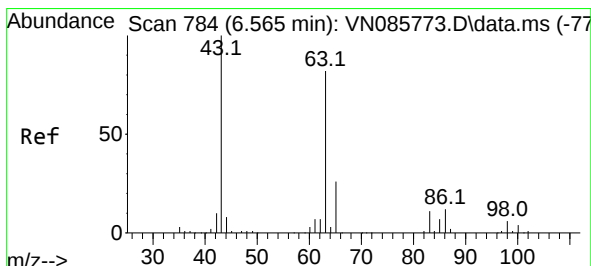
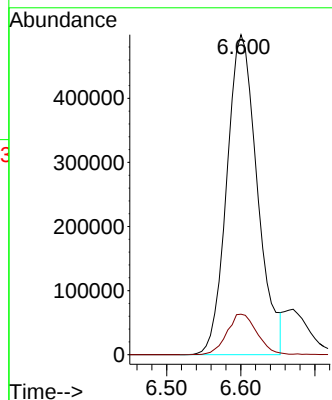
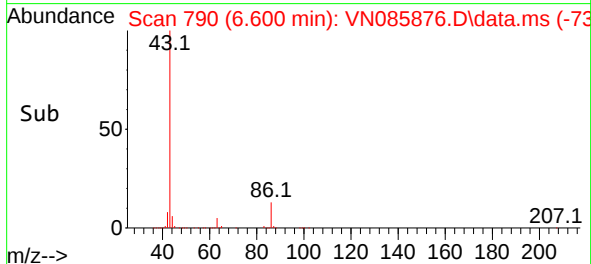
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-CLAY-CF01-01MS



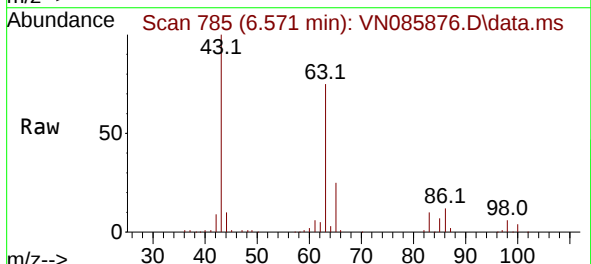
Tgt Ion: 43 Resp: 142956
 Ion Ratio Lower Upper
 43 100
 86 12.6 9.8 14.8

Manual Integrations
 APPROVED

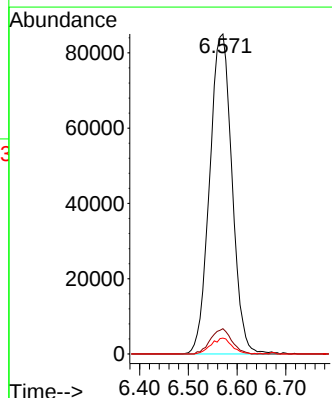
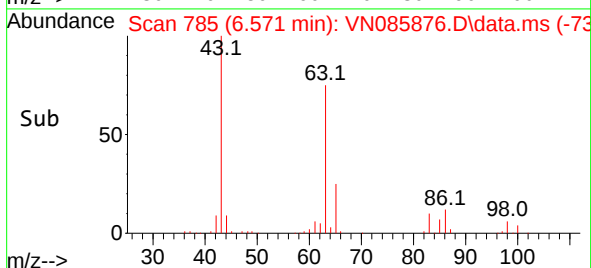
Reviewed By :John Carlone 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025

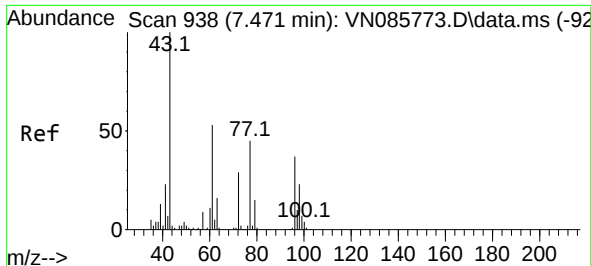


#24
 1,1-Dichloroethane
 Concen: 45.746 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN085876.D
 Acq: 26 Feb 2025 17:09



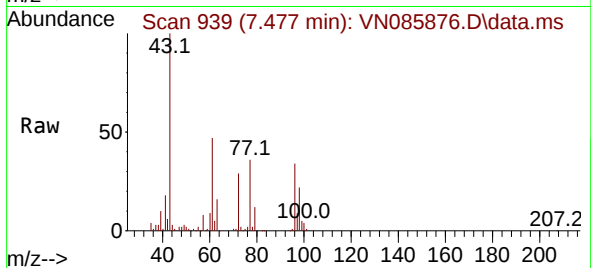
Tgt Ion: 63 Resp: 271089
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.4
 100 5.0 2.4 7.2





#25
2-Butanone
Concen: 261.848 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

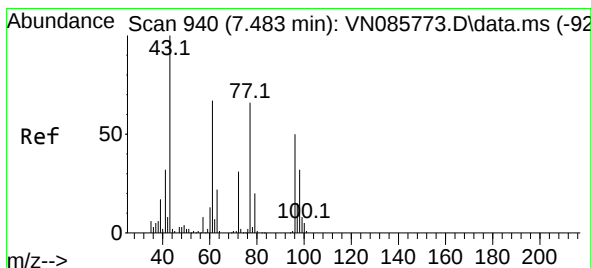
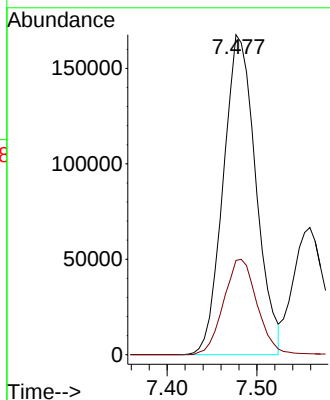
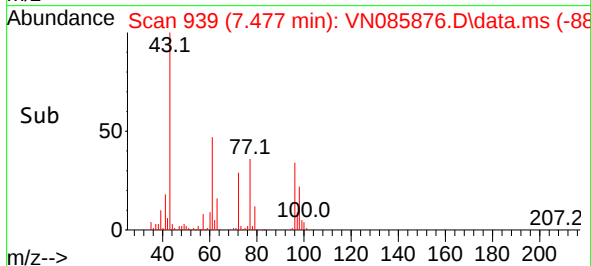
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MS



Tgt Ion: 43 Resp: 42343
Ion Ratio Lower Upper
43 100
72 29.4 23.6 35.4

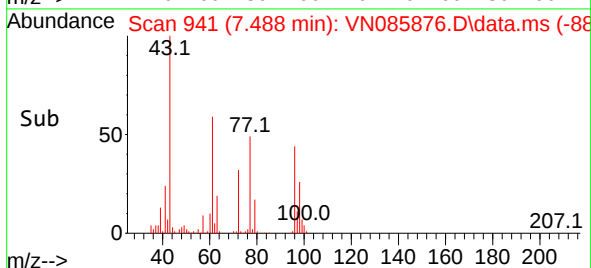
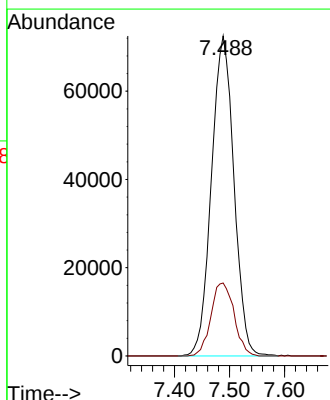
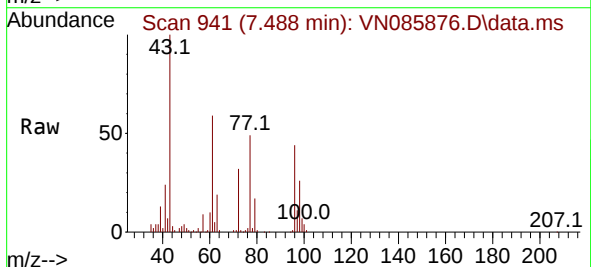
Manual Integrations
APPROVED

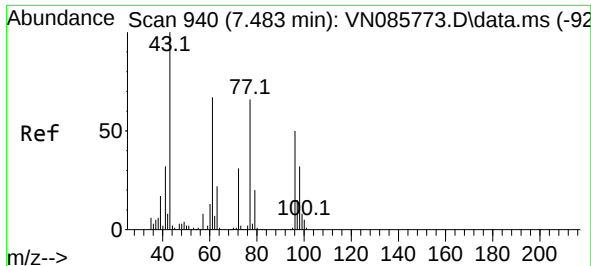
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#26
2,2-Dichloropropane
Concen: 39.133 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

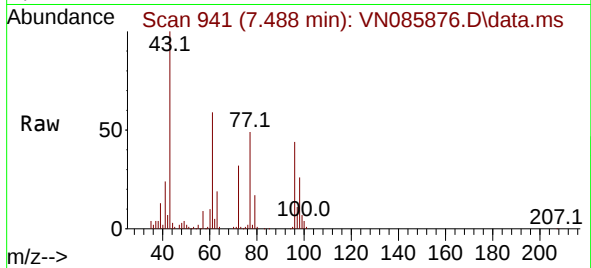
Tgt Ion: 77 Resp: 206206
Ion Ratio Lower Upper
77 100
97 23.4 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 46.273 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085876.D
 Acq: 26 Feb 2025 17:09

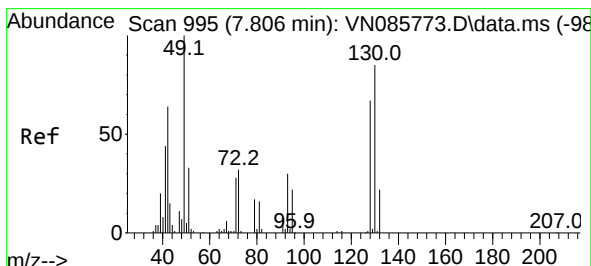
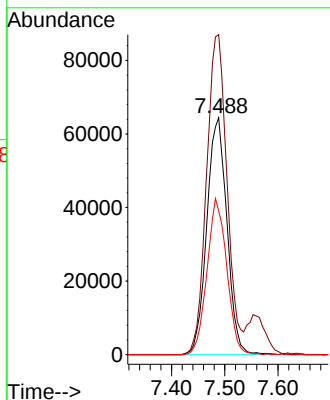
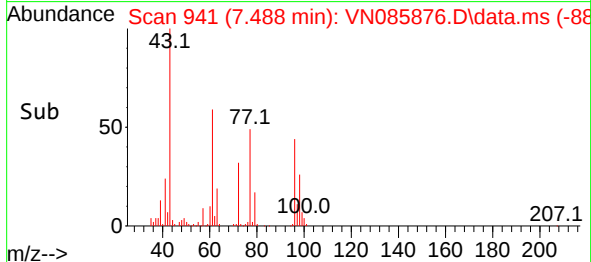
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-CLAY-CF01-01MS



Tgt Ion: 96 Resp: 16975
 Ion Ratio Lower Upper
 96 100
 61 137.3 0.0 280.6
 98 64.5 0.0 128.6

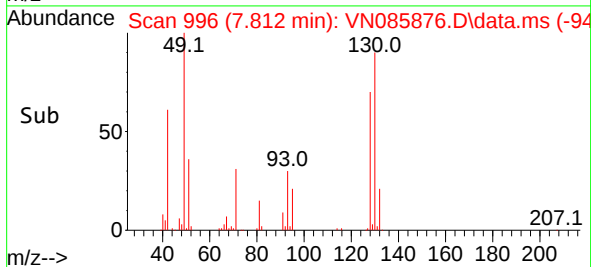
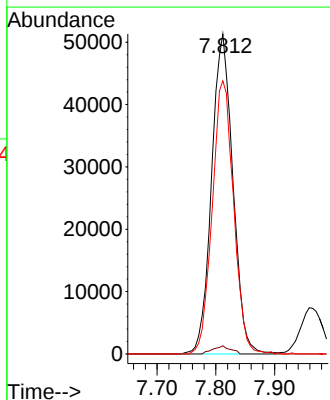
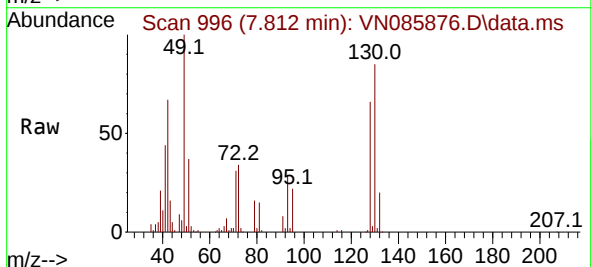
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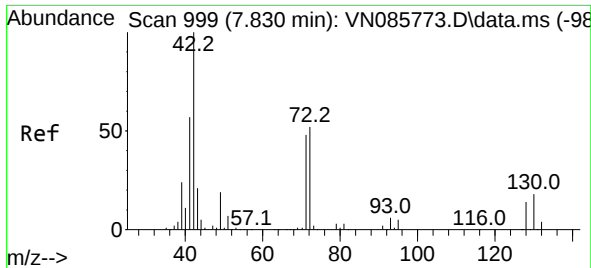
Reviewed By :John Carlone 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025



#28
 Bromochloromethane
 Concen: 53.035 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085876.D
 Acq: 26 Feb 2025 17:09

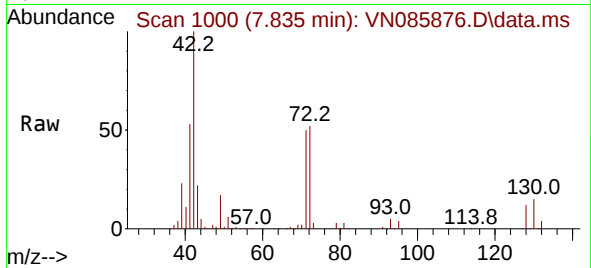
Tgt Ion: 49 Resp: 129172
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 85.5 68.0 102.0





#29
Tetrahydrofuran
Concen: 264.888 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

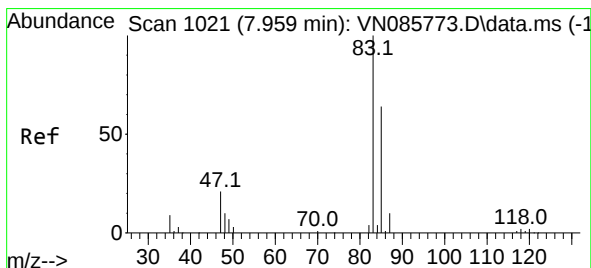
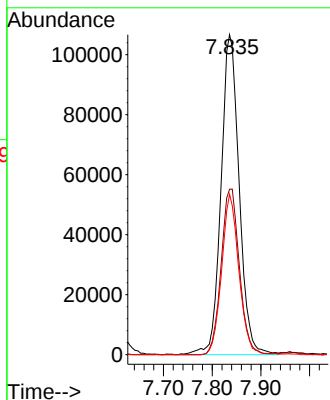
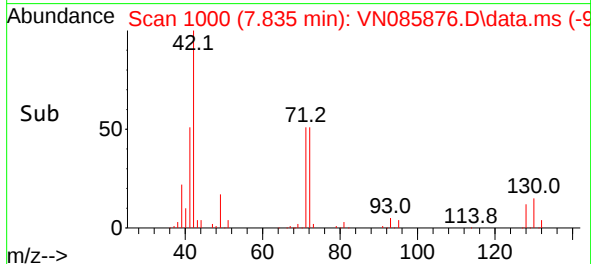
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MS



Tgt Ion: 42 Resp: 276604
Ion Ratio Lower Upper
42 100
72 51.9 40.0 60.0
71 47.4 37.0 55.4

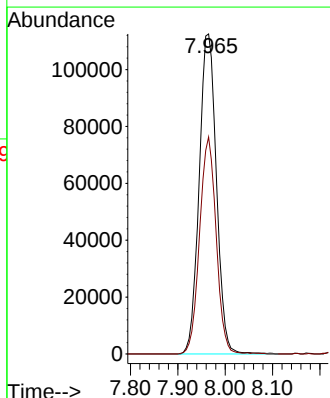
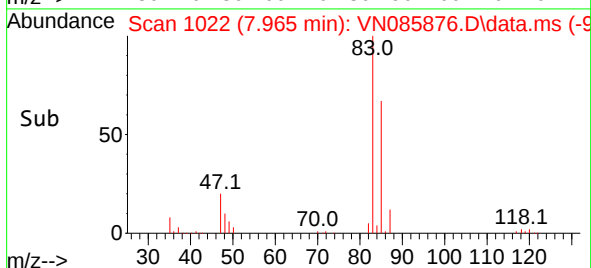
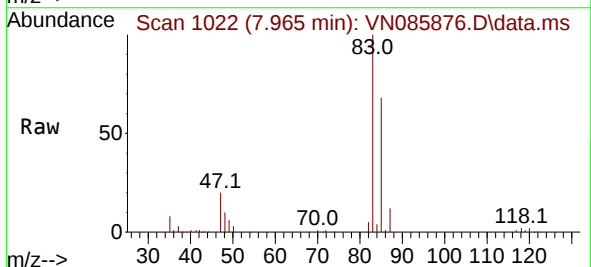
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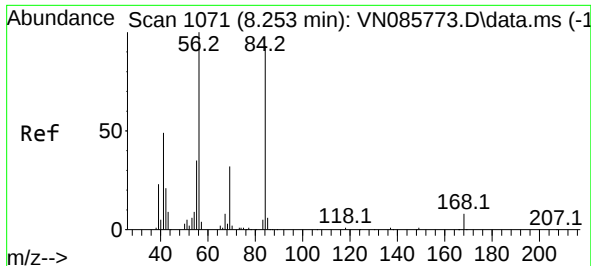
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#30
Chloroform
Concen: 45.868 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

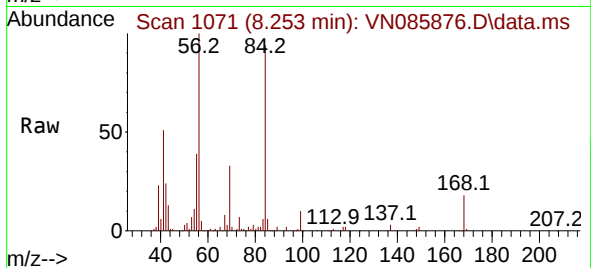
Tgt Ion: 83 Resp: 284050
Ion Ratio Lower Upper
83 100
85 67.8 50.9 76.3





#31
Cyclohexane
Concen: 38.295 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

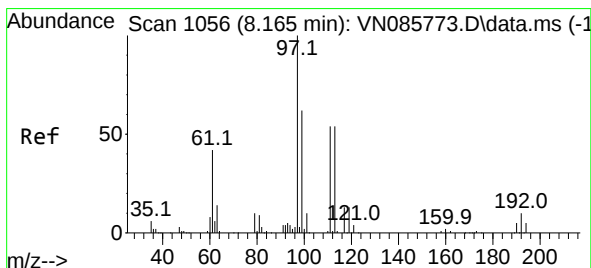
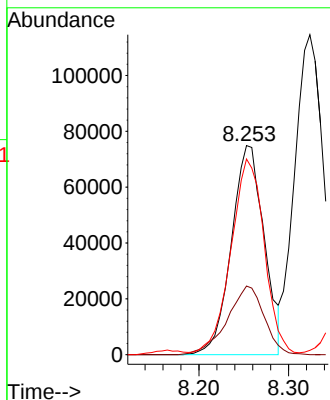
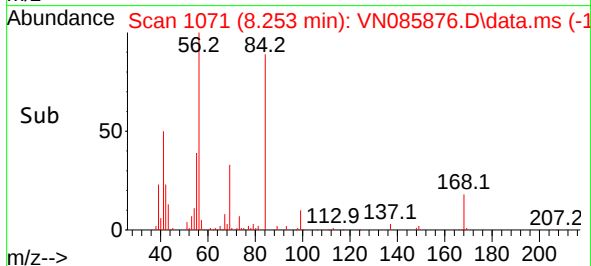
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MS



Tgt Ion: 56 Resp: 19000
Ion Ratio Lower Upper
56 100
69 32.8 25.8 38.6
84 91.8 74.5 111.7

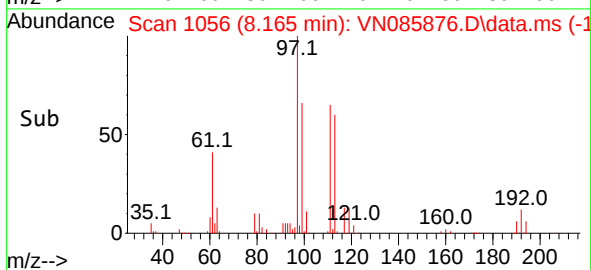
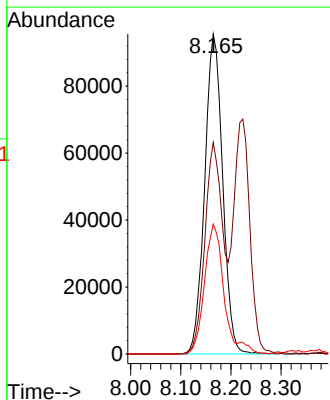
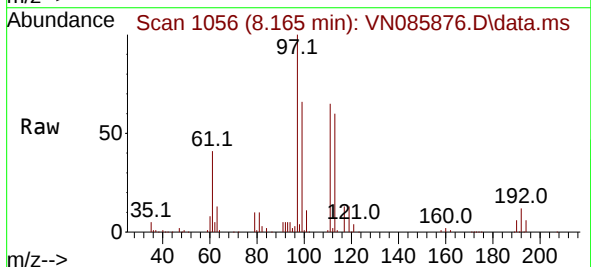
Manual Integrations
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Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#32
1,1,1-Trichloroethane
Concen: 43.205 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

Tgt Ion: 97 Resp: 237977
Ion Ratio Lower Upper
97 100
99 66.2 50.4 75.6
61 41.7 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 46.392 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085876.D

Acq: 26 Feb 2025 17:09

Instrument :

MSVOA_N

ClientSampleId :

P001-CLAY-CF01-01MS

Tgt Ion: 65 Resp: 161150

Ion Ratio Lower Upper

65 100

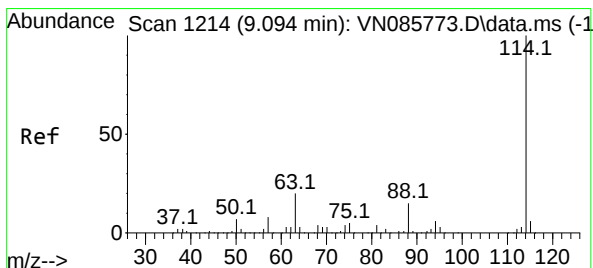
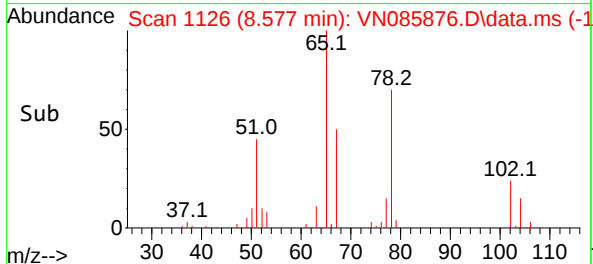
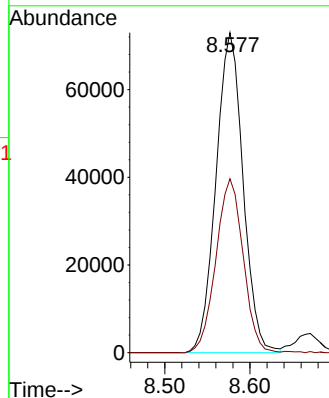
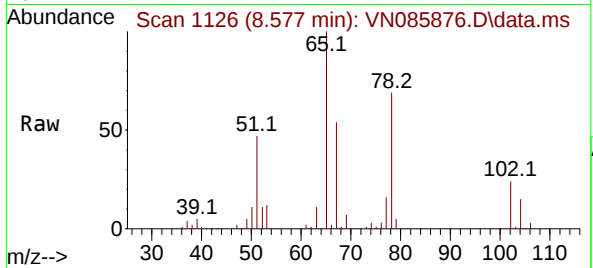
67 54.6 0.0 106.2

Manual Integrations

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Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085876.D

Acq: 26 Feb 2025 17:09

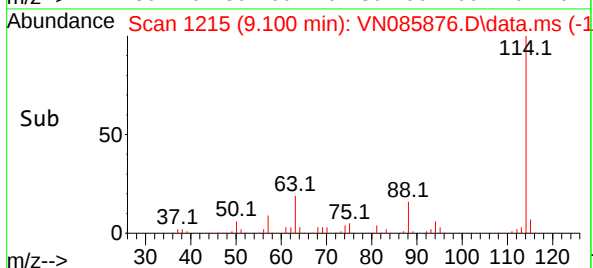
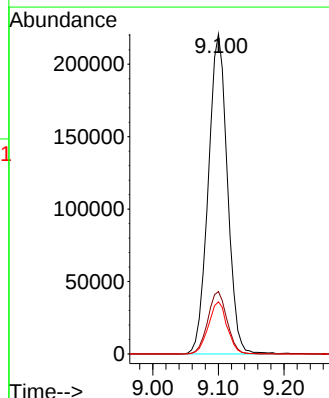
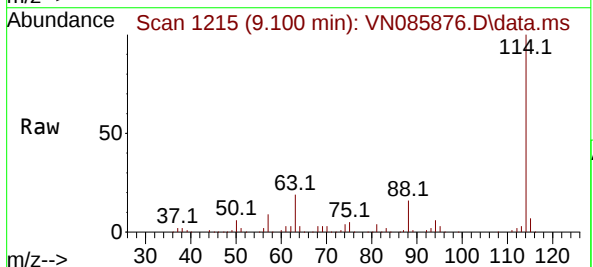
Tgt Ion:114 Resp: 447222

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.2

88 16.3 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.522 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VN085876.D

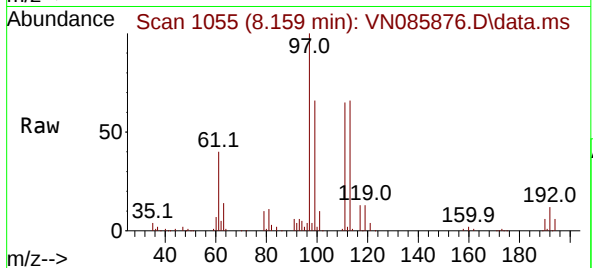
Acq: 26 Feb 2025 17:09

Instrument :

MSVOA_N

ClientSampleId :

P001-CLAY-CF01-01MS



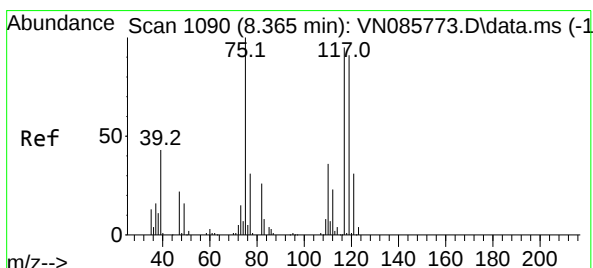
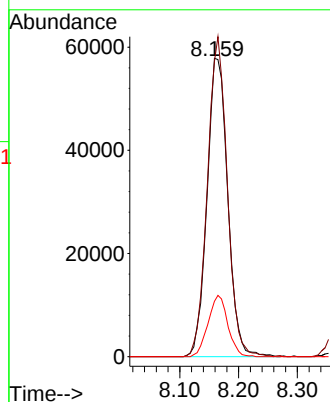
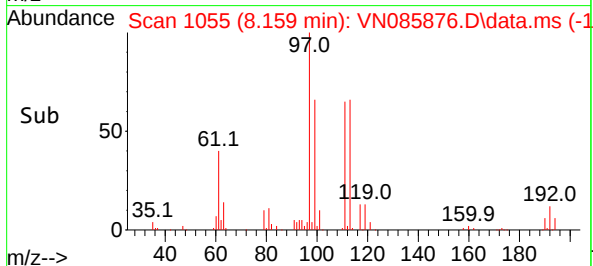
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.4
192	19.5	14.7	22.1

Manual Integrations

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Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#36

1,1-Dichloropropene

Concen: 42.763 ug/l

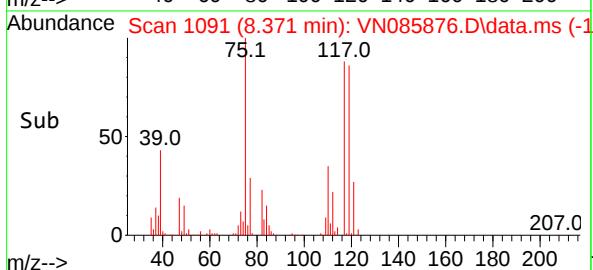
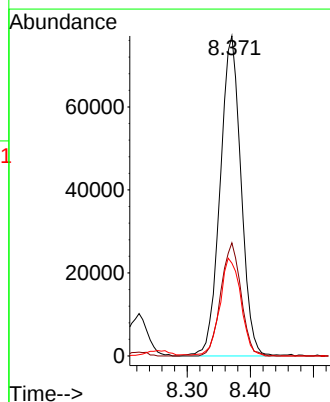
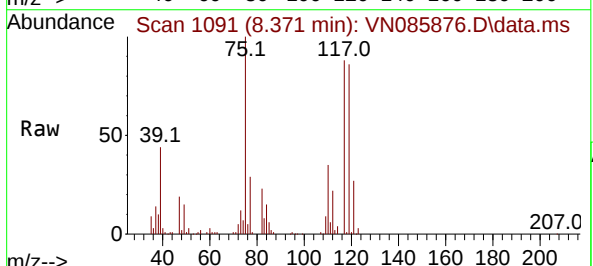
RT: 8.371 min Scan# 1091

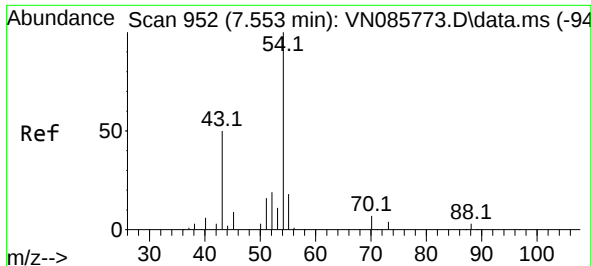
Delta R.T. 0.006 min

Lab File: VN085876.D

Acq: 26 Feb 2025 17:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.2	17.3	52.0
77	30.9	24.6	37.0





#37

Ethyl Acetate

Concen: 49.311 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN085876.D

Acq: 26 Feb 2025 17:09

Instrument :

MSVOA_N

ClientSampleId :

P001-CLAY-CF01-01MS

Tgt Ion: 43 Resp: 16806

Ion Ratio Lower Upper

43 100

61 14.4 12.2 18.2

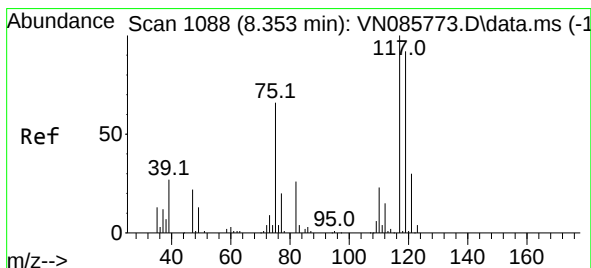
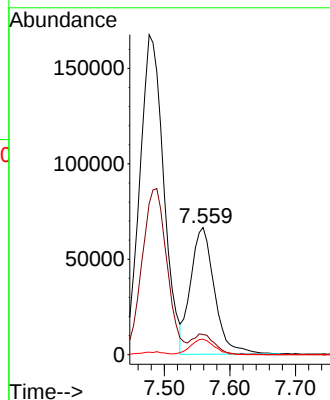
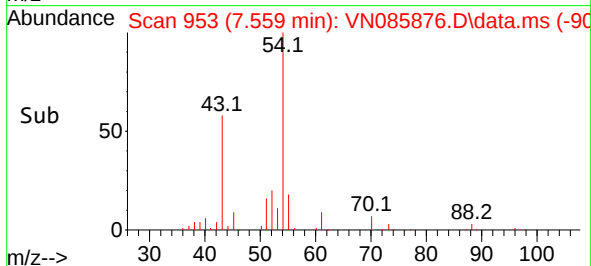
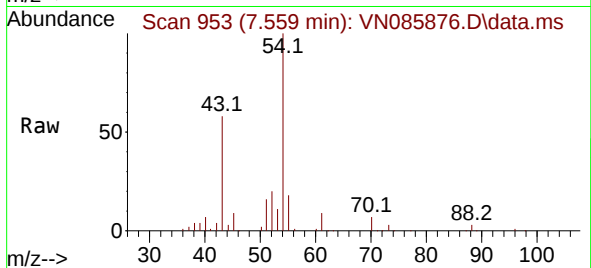
70 12.3 9.5 14.3

Manual Integrations

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Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#38

Carbon Tetrachloride

Concen: 42.682 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VN085876.D

Acq: 26 Feb 2025 17:09

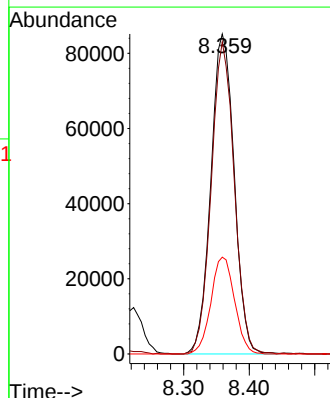
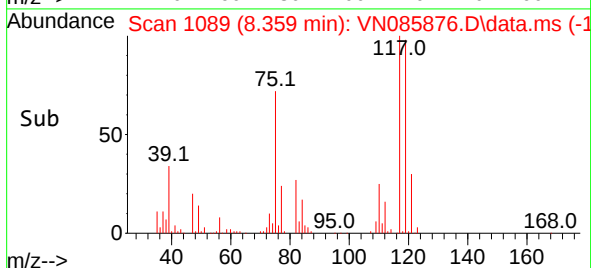
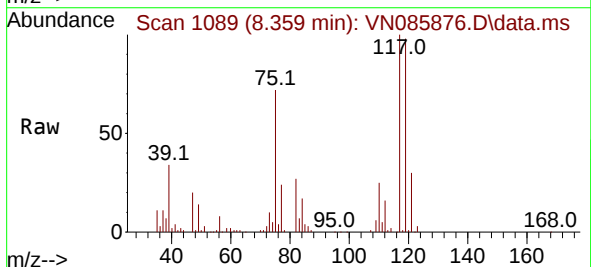
Tgt Ion:117 Resp: 210041

Ion Ratio Lower Upper

117 100

119 97.5 73.8 110.6

121 30.3 24.3 36.5





#39

Methylcyclohexane

Concen: 41.843 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085876.D

Acq: 26 Feb 2025 17:09

Instrument :

MSVOA_N

ClientSampleId :

P001-CLAY-CF01-01MS

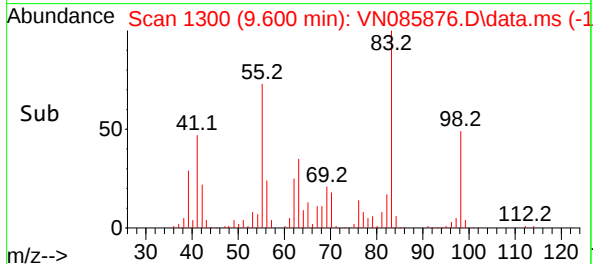
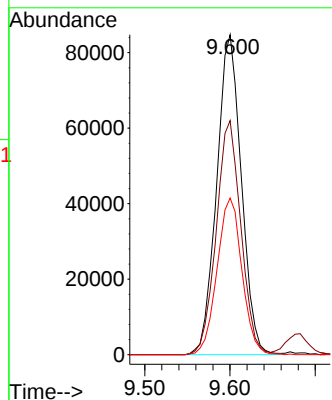
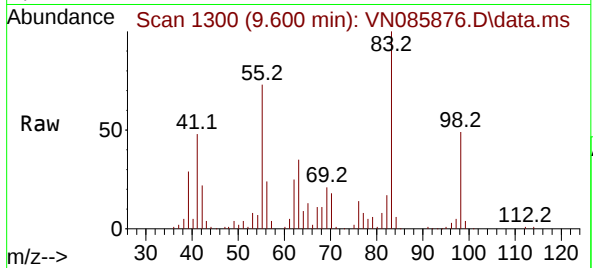
Tgt Ion: 83 Resp: 170248
 Ion Ratio Lower Upper
 83 100
 55 73.2 57.5 86.3
 98 48.9 39.2 58.8

Manual Integrations

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Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#40

Benzene

Concen: 45.649 ug/l

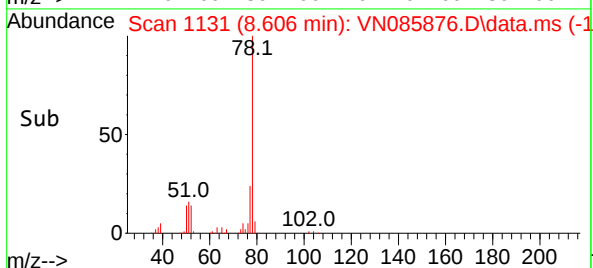
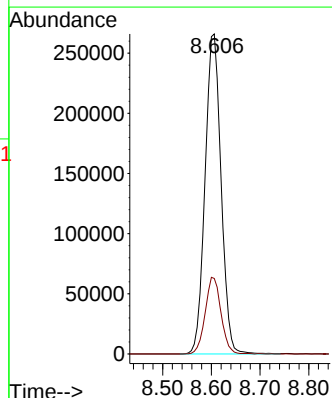
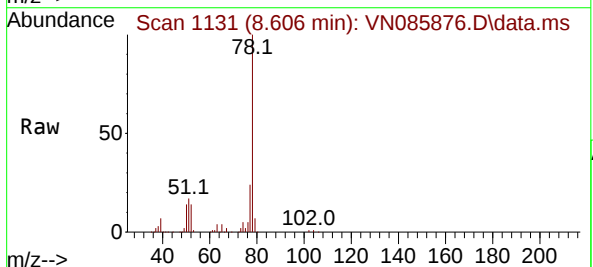
RT: 8.606 min Scan# 1131

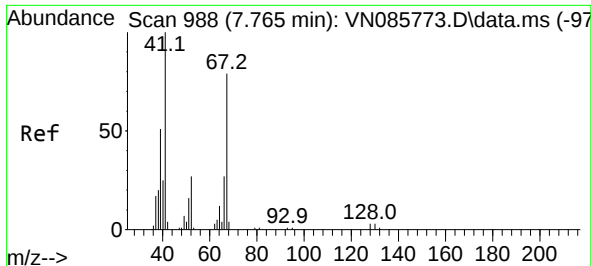
Delta R.T. 0.006 min

Lab File: VN085876.D

Acq: 26 Feb 2025 17:09

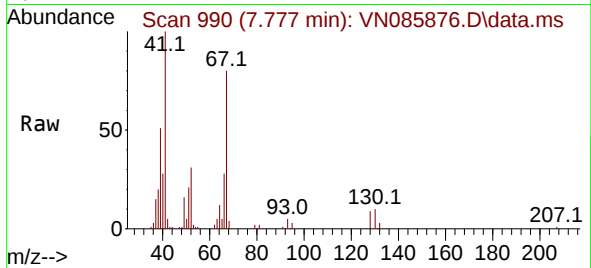
Tgt Ion: 78 Resp: 605953
 Ion Ratio Lower Upper
 78 100
 77 23.6 18.3 27.5





#41
Methacrylonitrile
Concen: 48.940 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

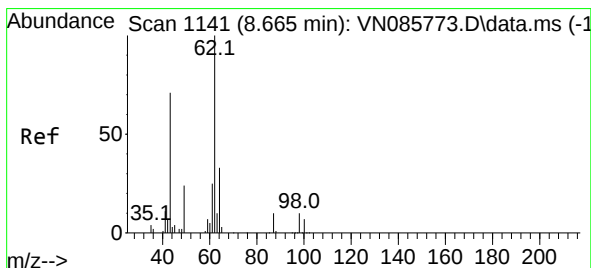
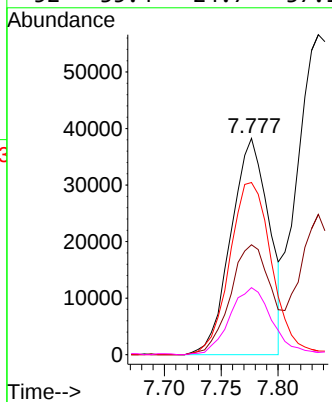
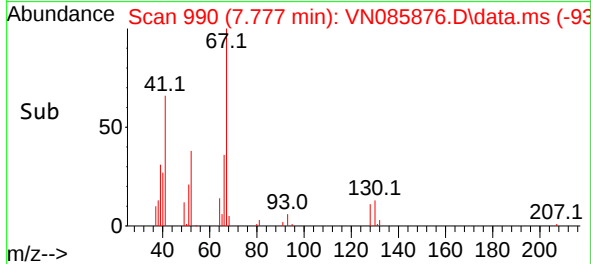
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MS



Tgt Ion: 41 Resp: 89170
Ion Ratio Lower Upper
41 100
39 56.1 42.0 63.0
67 88.8 64.2 96.4
52 35.4 24.7 37.1

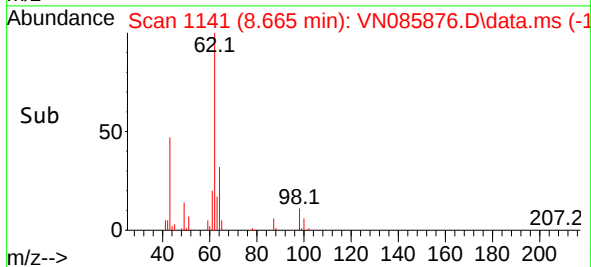
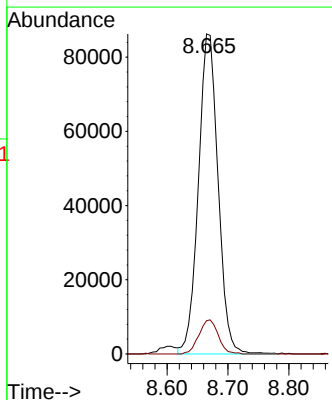
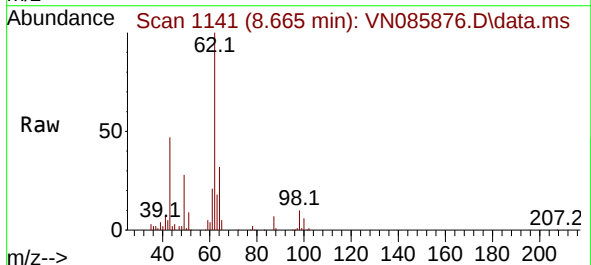
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Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#42
1,2-Dichloroethane
Concen: 44.801 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

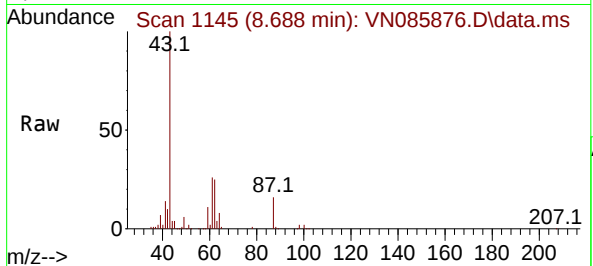
Tgt Ion: 62 Resp: 193711
Ion Ratio Lower Upper
62 100
98 10.5 0.0 19.6





#43
Isopropyl Acetate
Concen: 46.605 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

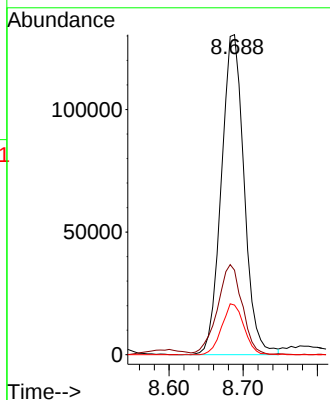
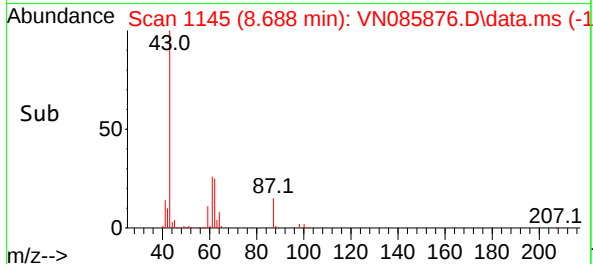
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MS



Tgt Ion: 43 Resp: 278990
Ion Ratio Lower Upper
43 100
61 30.1 22.6 34.0
87 15.5 11.8 17.8

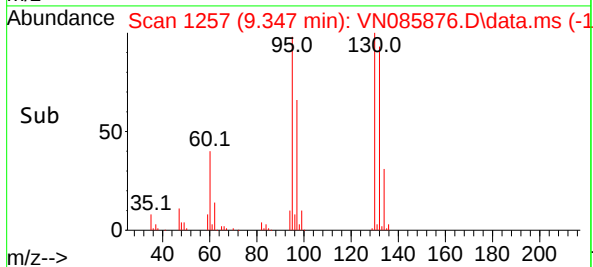
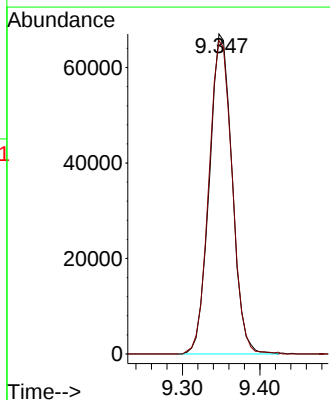
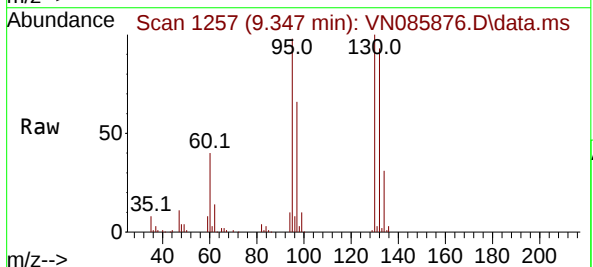
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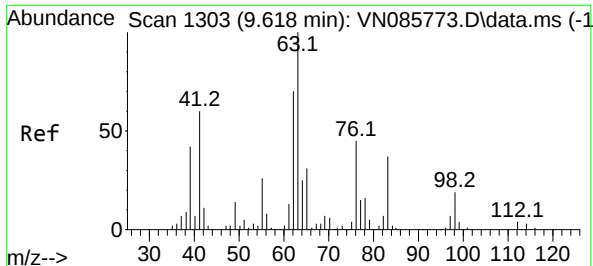
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#44
Trichloroethene
Concen: 41.993 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

Tgt Ion:130 Resp: 136865
Ion Ratio Lower Upper
130 100
95 97.9 0.0 202.6





#45

1,2-Dichloropropane

Concen: 47.822 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085876.D

Acq: 26 Feb 2025 17:09

Instrument :

MSVOA_N

ClientSampleId :

P001-CLAY-CF01-01MS

Tgt Ion: 63 Resp: 153228

Ion Ratio Lower Upper

63 100

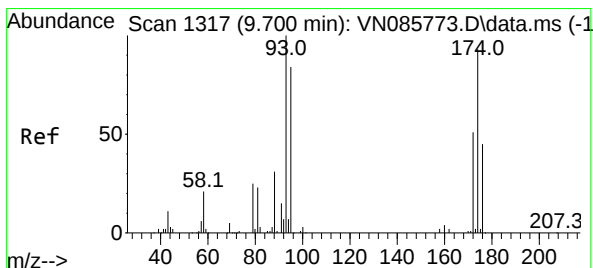
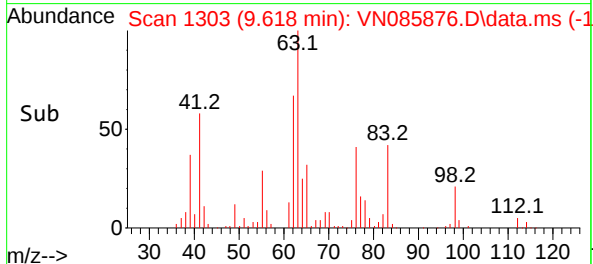
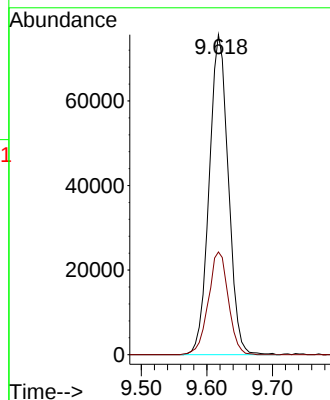
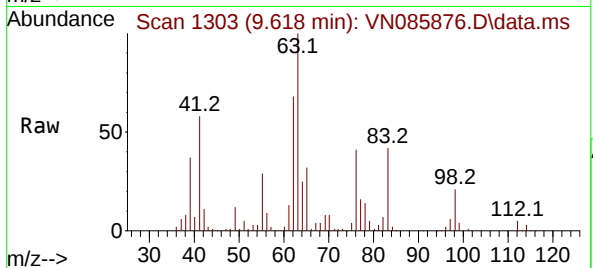
65 32.1 25.1 37.7

Manual Integrations

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Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#46

Dibromomethane

Concen: 46.163 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085876.D

Acq: 26 Feb 2025 17:09

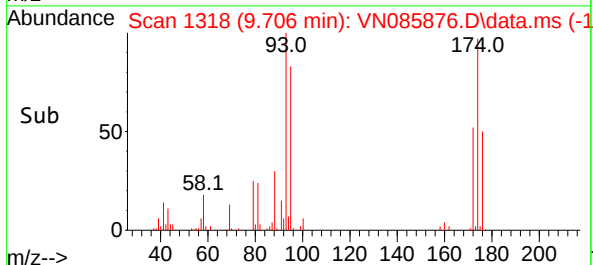
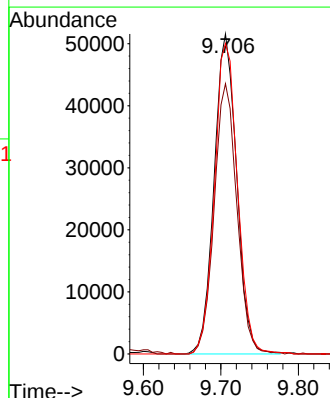
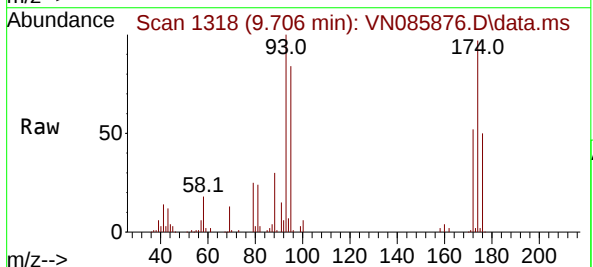
Tgt Ion: 93 Resp: 104333

Ion Ratio Lower Upper

93 100

95 85.2 66.7 100.1

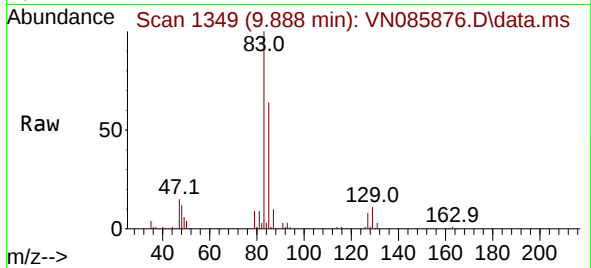
174 99.3 77.2 115.8





#47
Bromodichloromethane
Concen: 46.386 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

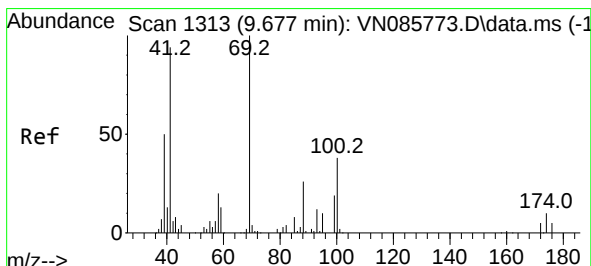
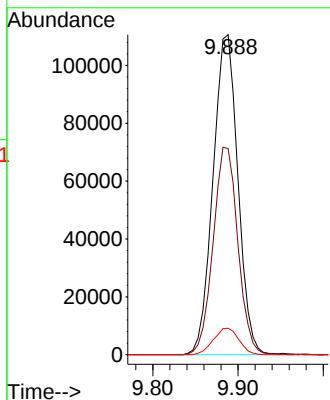
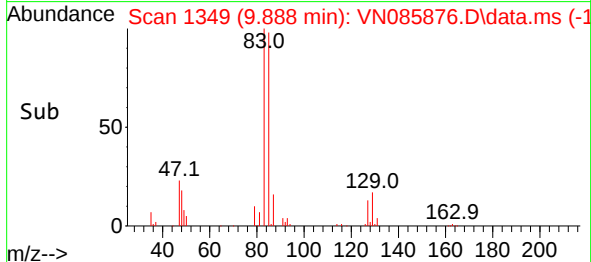
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MS



Tgt Ion: 83 Resp: 22429
Ion Ratio Lower Upper
83 100
85 64.4 50.5 75.7
127 8.2 7.2 10.8

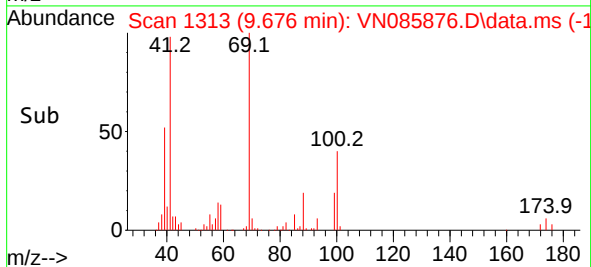
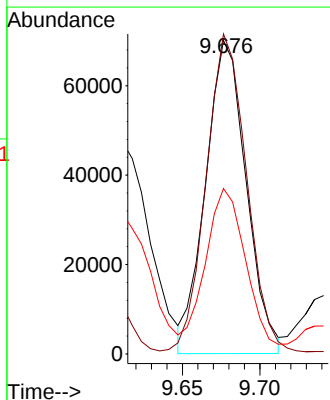
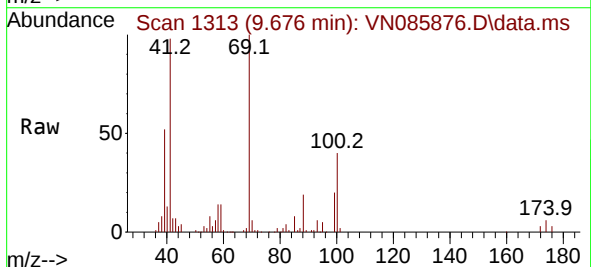
Manual Integrations
APPROVED

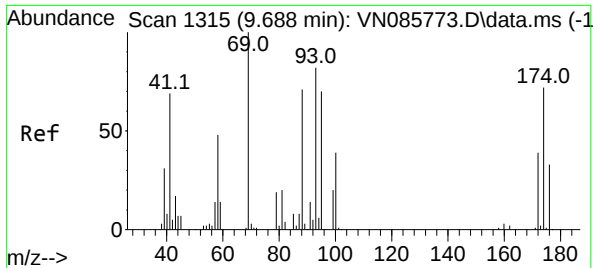
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#48
Methyl methacrylate
Concen: 50.422 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

Tgt Ion: 41 Resp: 127629
Ion Ratio Lower Upper
41 100
69 103.7 76.0 114.0
39 53.2 42.3 63.5





#49

1,4-Dioxane

Concen: 1140.553 ug/l

RT: 9.688 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085876.D

Acq: 26 Feb 2025 17:09

Instrument :

MSVOA_N

ClientSampleId :

P001-CLAY-CF01-01MS

Tgt Ion: 88 Resp: 54900

Ion Ratio Lower Upper

88 100

43 23.4 18.6 27.8

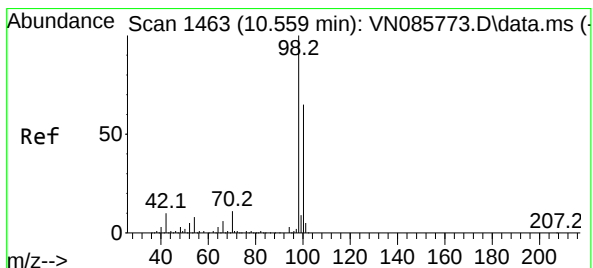
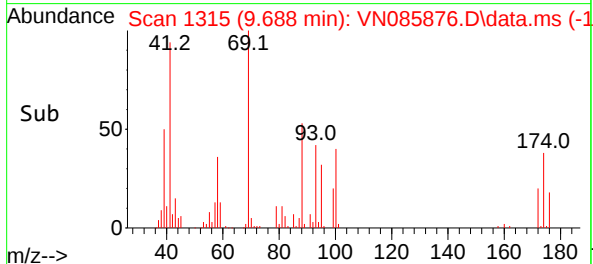
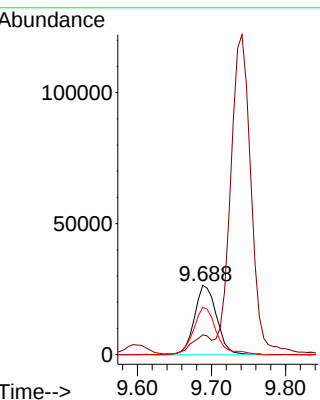
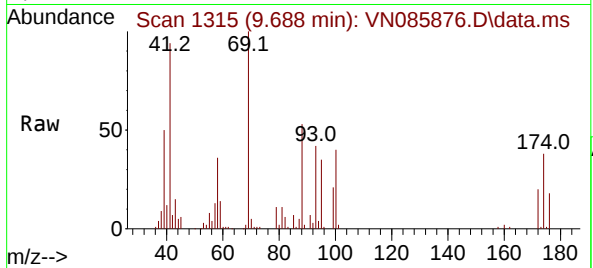
58 71.0 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#50

Toluene-d8

Concen: 47.919 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085876.D

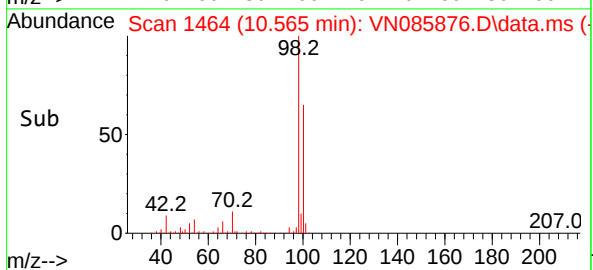
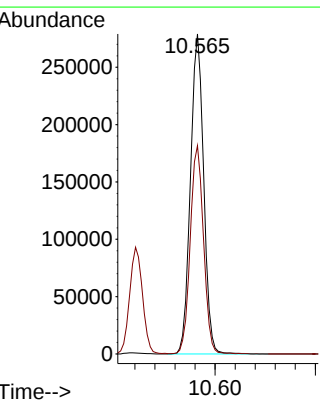
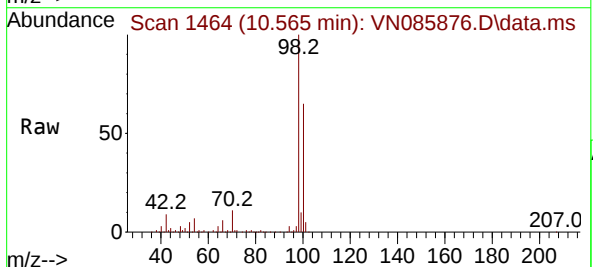
Acq: 26 Feb 2025 17:09

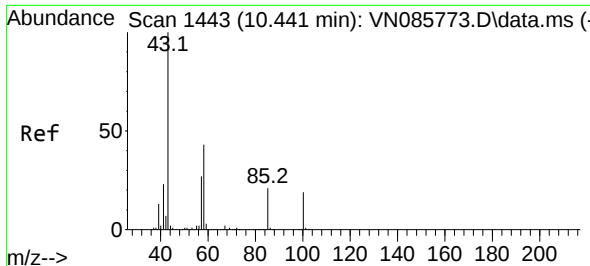
Tgt Ion: 98 Resp: 510198

Ion Ratio Lower Upper

98 100

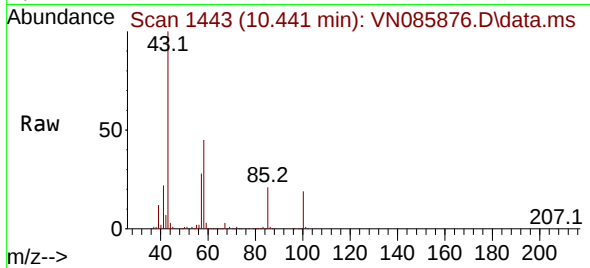
100 65.6 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 269.232 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

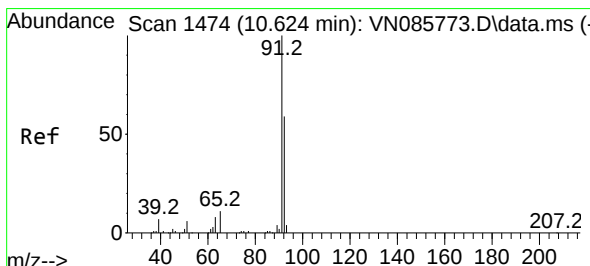
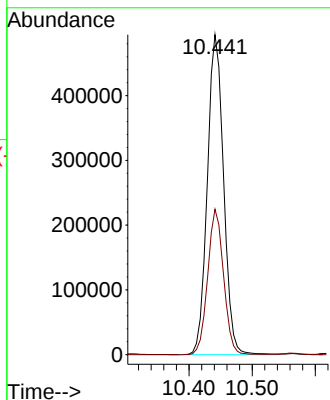
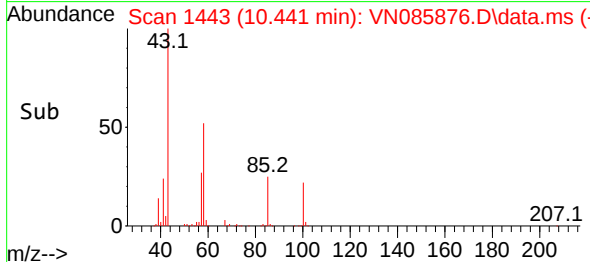
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MS



Tgt Ion: 43 Resp: 884723
Ion Ratio Lower Upper
43 100
58 44.3 34.6 52.0

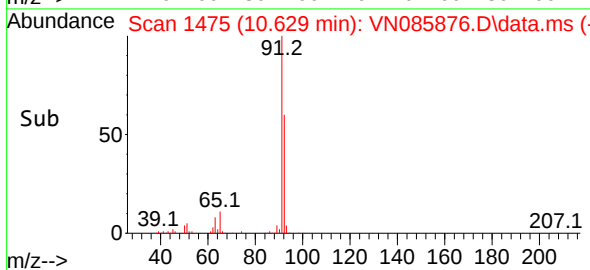
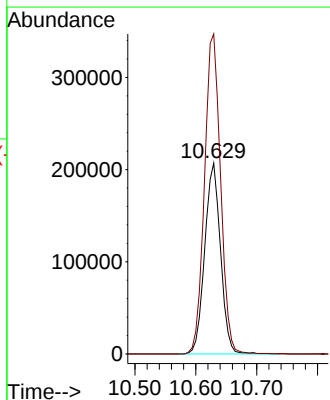
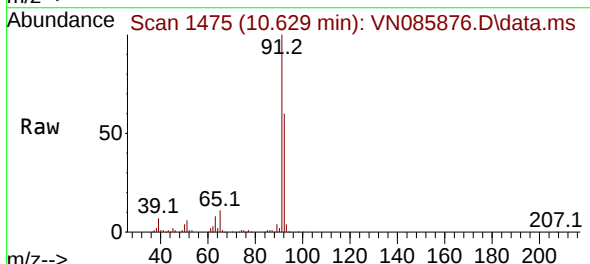
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#52
Toluene
Concen: 47.803 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

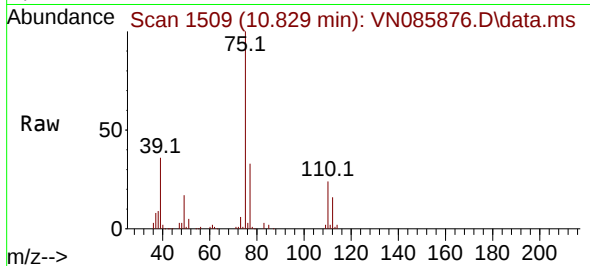
Tgt Ion: 92 Resp: 371965
Ion Ratio Lower Upper
92 100
91 171.4 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 48.711 ug/l
RT: 10.829 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

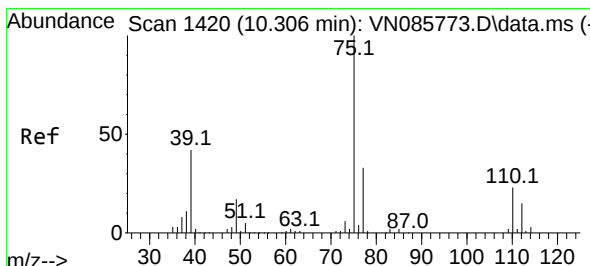
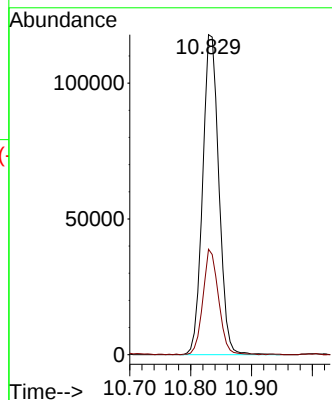
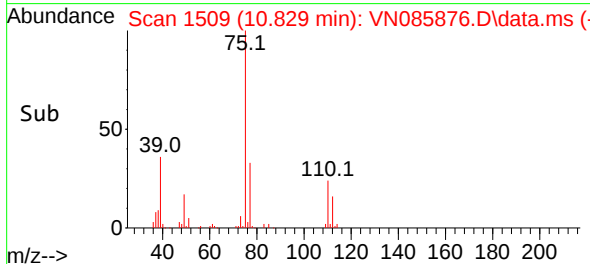
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MS



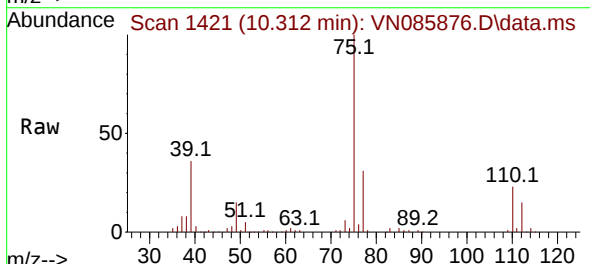
Tgt Ion: 75 Resp: 217799
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.0

Manual Integrations
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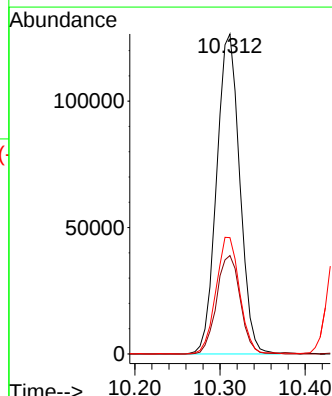
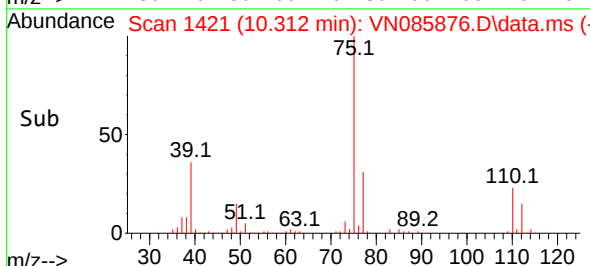
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

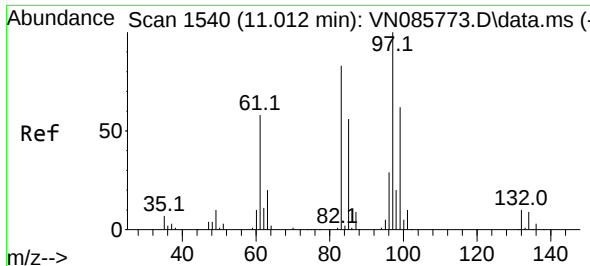


#54
cis-1,3-Dichloropropene
Concen: 48.725 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09



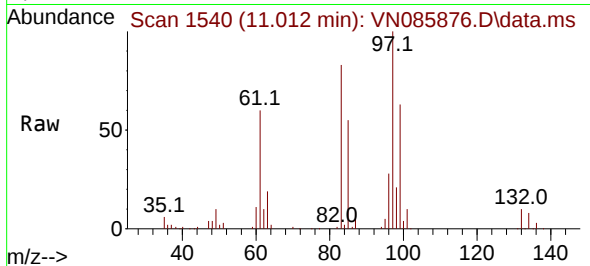
Tgt Ion: 75 Resp: 238897
Ion Ratio Lower Upper
75 100
77 30.8 26.1 39.1
39 36.4 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 48.392 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MS

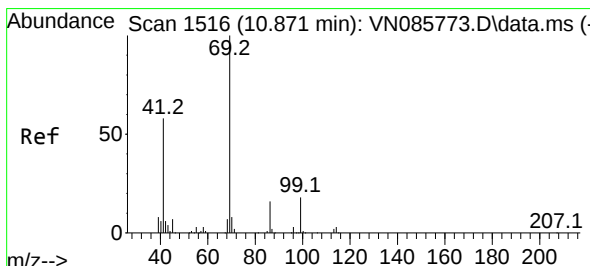
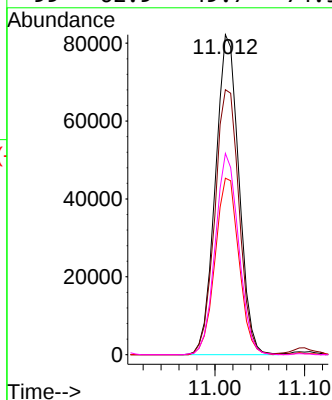
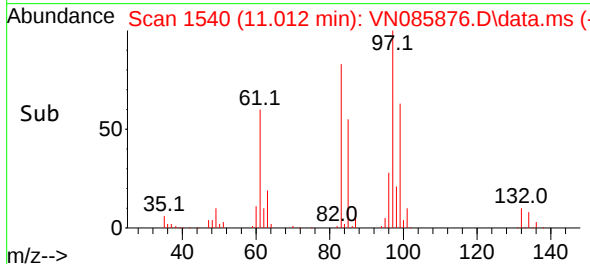


Tgt Ion: 97 Resp: 14971

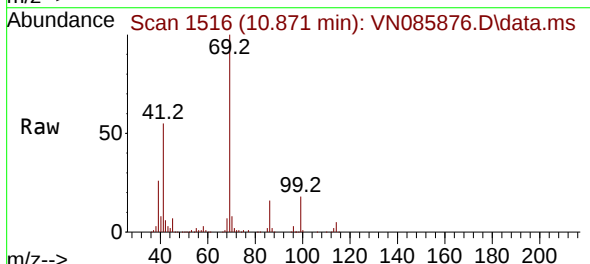
Ion	Ratio	Lower	Upper
97	100		
83	82.8	66.1	99.1
85	55.2	44.7	67.1
99	62.9	49.7	74.5

Manual Integrations
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Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

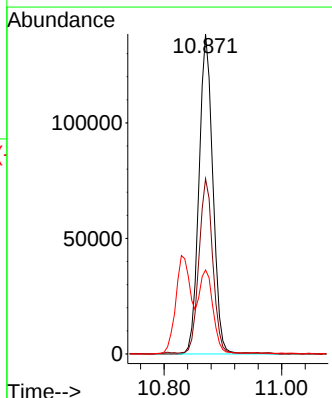
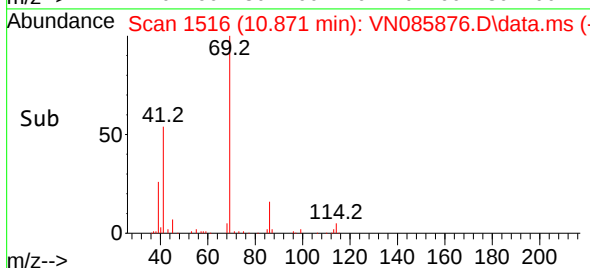


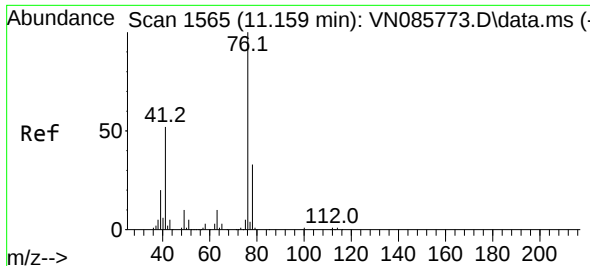
#56
Ethyl methacrylate
Concen: 50.892 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09



Tgt Ion: 69 Resp: 226879

Ion	Ratio	Lower	Upper
69	100		
41	54.0	46.0	69.0
39	25.9	22.0	33.0





#57

1,3-Dichloropropane

Concen: 49.256 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN085876.D

Acq: 26 Feb 2025 17:09

Instrument :

MSVOA_N

ClientSampleId :

P001-CLAY-CF01-01MS

Tgt Ion: 76 Resp: 25438

Ion Ratio Lower Upper

76 100

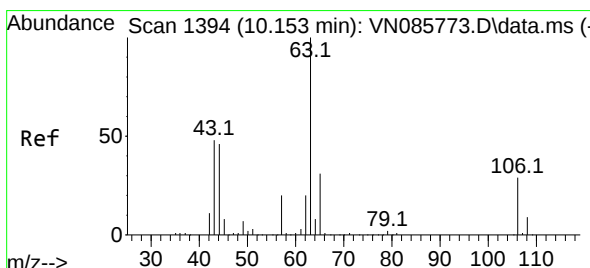
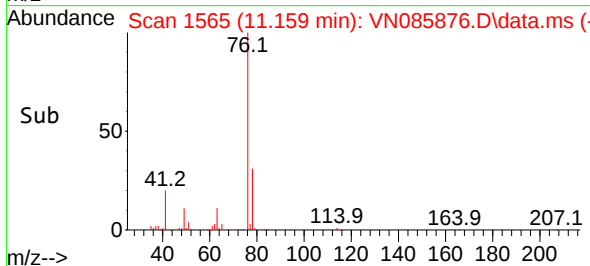
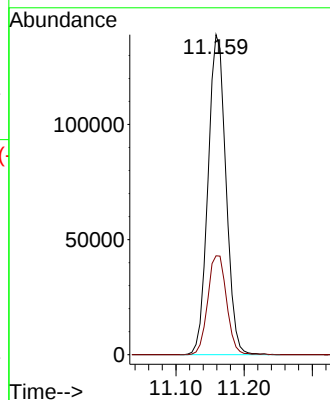
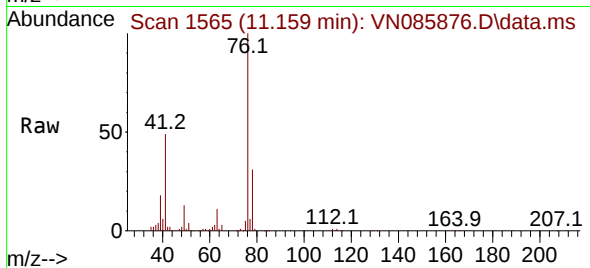
78 32.5 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#58

2-Chloroethyl Vinyl ether

Concen: 296.664 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.006 min

Lab File: VN085876.D

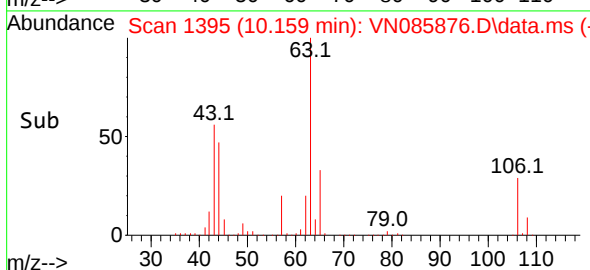
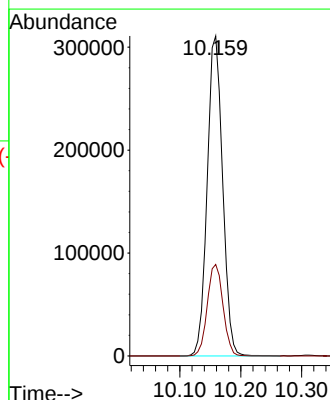
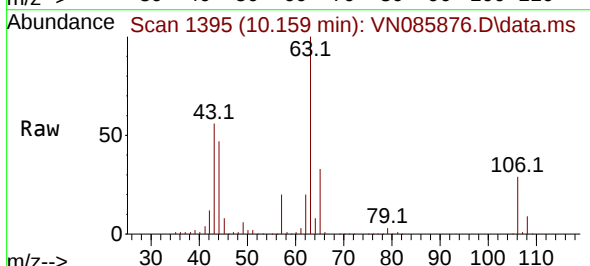
Acq: 26 Feb 2025 17:09

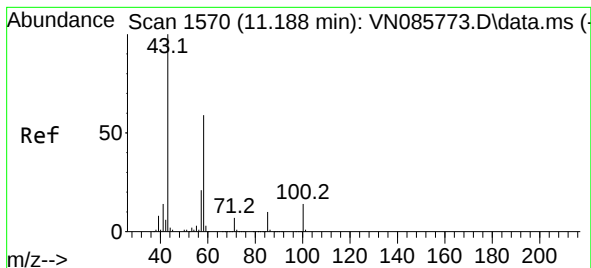
Tgt Ion: 63 Resp: 546594

Ion Ratio Lower Upper

63 100

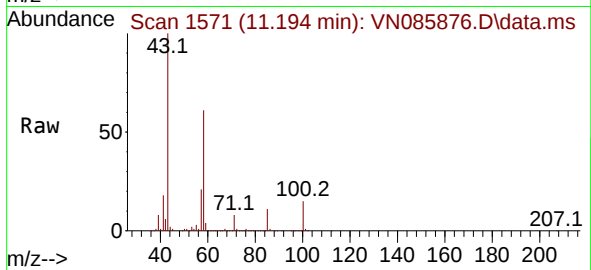
106 29.1 22.7 34.1





#59
2-Hexanone
Concen: 283.496 ug/l
RT: 11.194 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

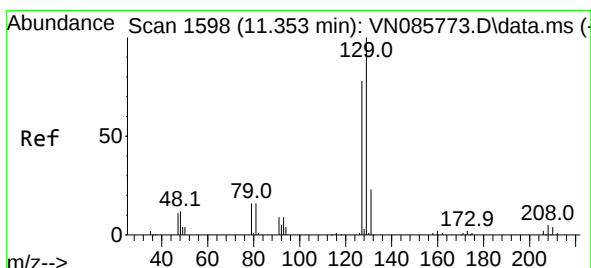
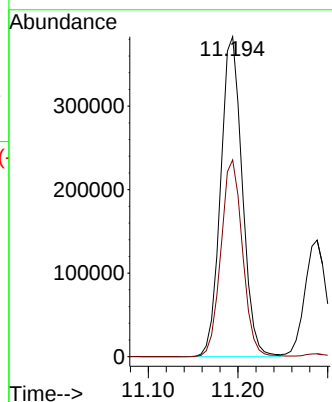
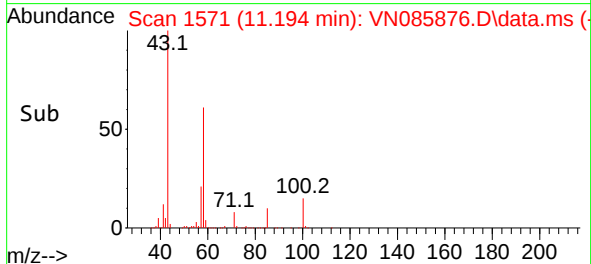
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MS



Tgt Ion: 43 Resp: 64088
Ion Ratio Lower Upper
43 100
58 61.3 29.8 89.5

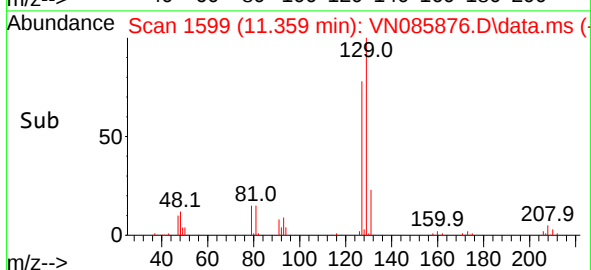
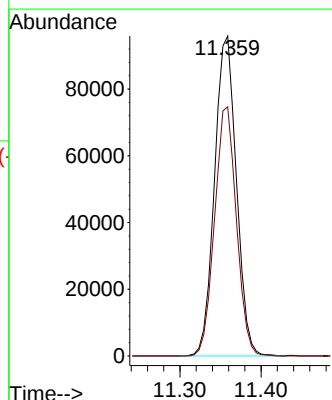
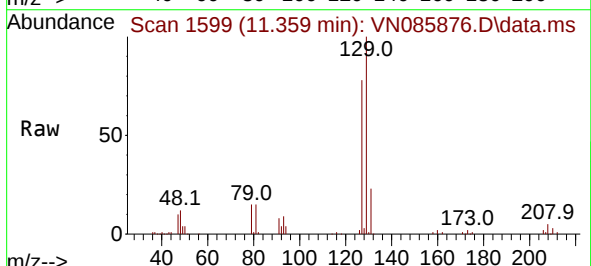
Manual Integrations
APPROVED

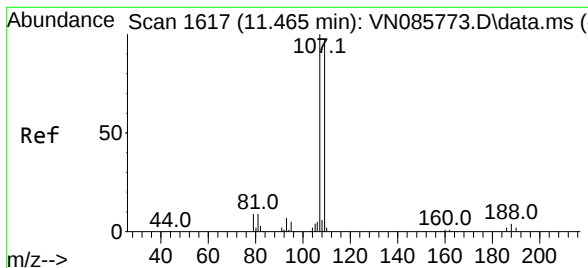
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#60
Dibromochloromethane
Concen: 49.831 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

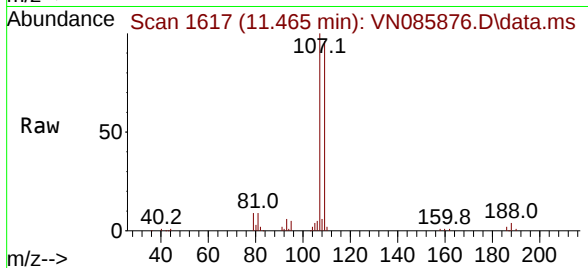
Tgt Ion:129 Resp: 179515
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.5





#61
1,2-Dibromoethane
Concen: 49.226 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

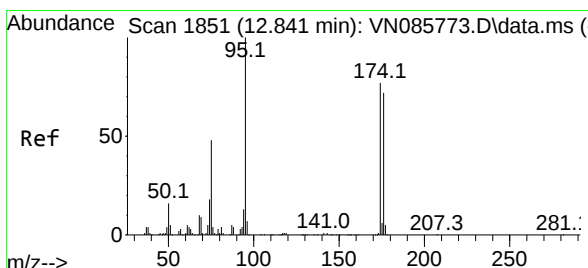
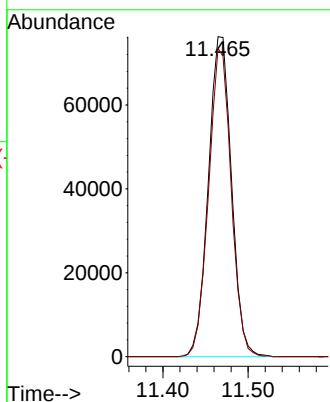
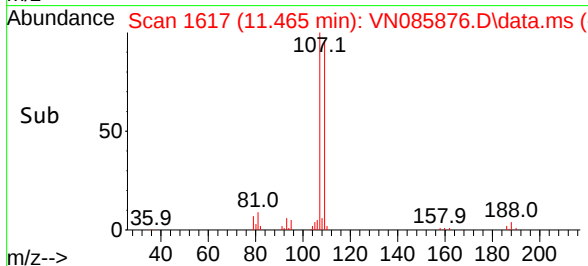
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MS



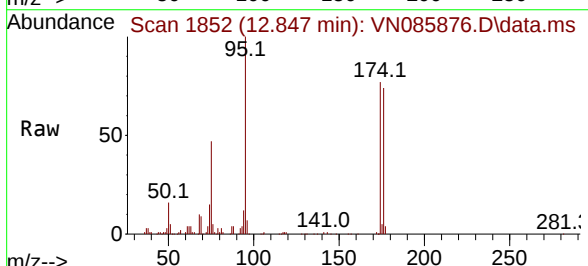
Tgt Ion:107 Resp: 143894
Ion Ratio Lower Upper
107 100
109 93.8 76.0 114.0

Manual Integrations
APPROVED

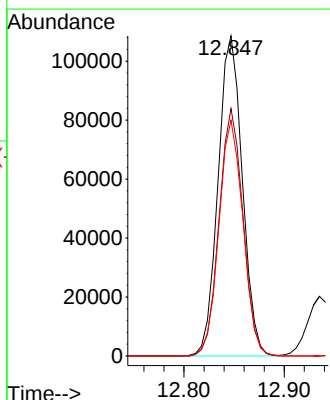
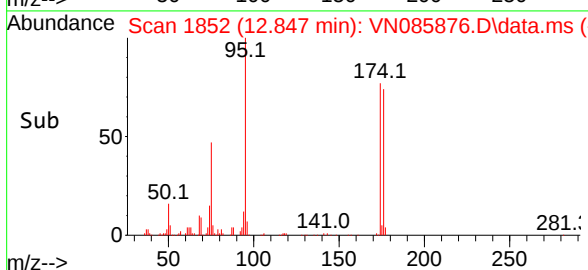
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

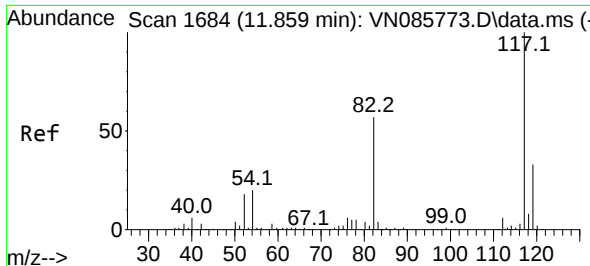


#62
4-Bromofluorobenzene
Concen: 51.869 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09



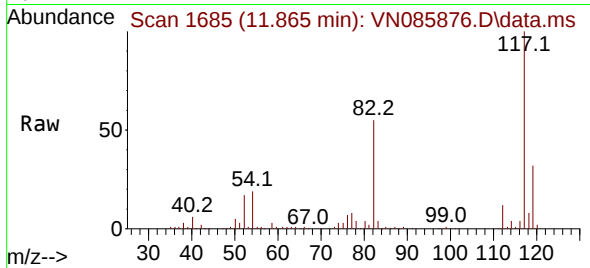
Tgt Ion: 95 Resp: 181956
Ion Ratio Lower Upper
95 100
174 76.0 0.0 152.4
176 73.3 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

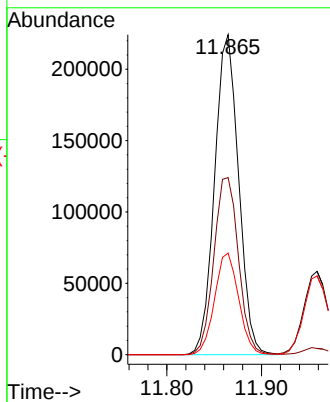
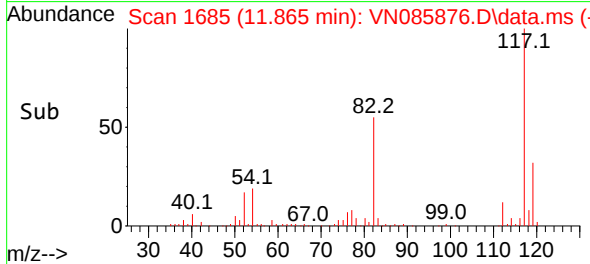
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MS



Tgt Ion:117 Resp: 39509
Ion Ratio Lower Upper
117 100
82 55.4 45.7 68.5
119 31.8 26.2 39.2

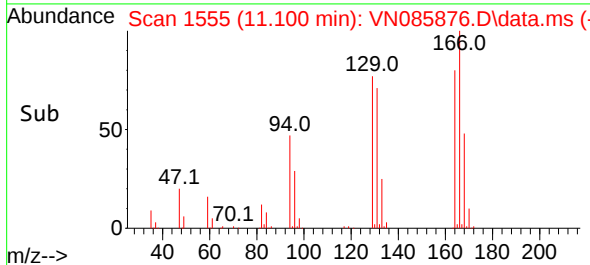
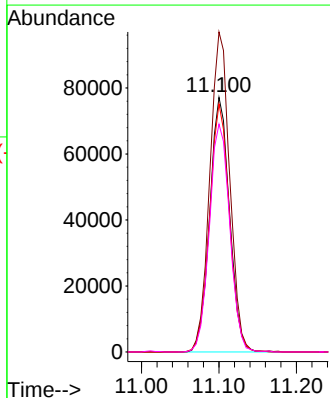
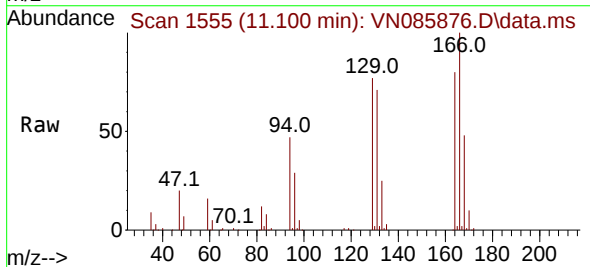
Manual Integrations
APPROVED

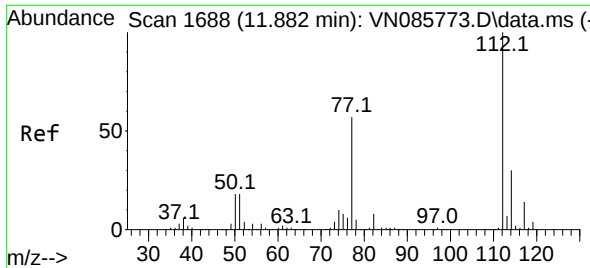
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#64
Tetrachloroethene
Concen: 44.839 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

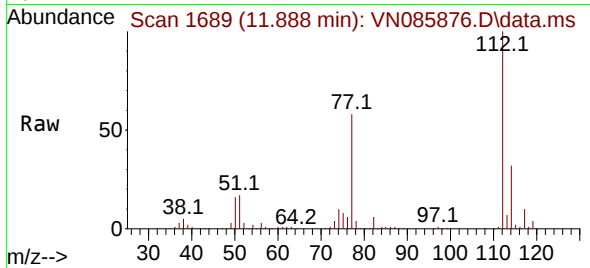
Tgt Ion:164 Resp: 137245
Ion Ratio Lower Upper
164 100
166 125.7 107.2 160.8
129 97.4 80.7 121.1
131 89.5 74.6 112.0





#65
Chlorobenzene
Concen: 44.593 ug/l
RT: 11.888 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

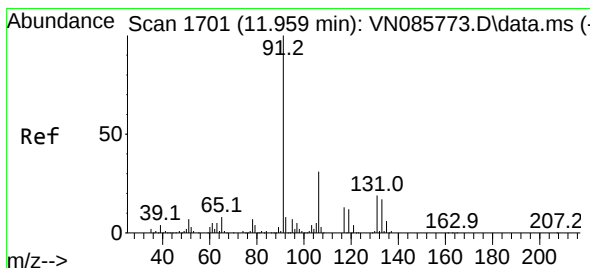
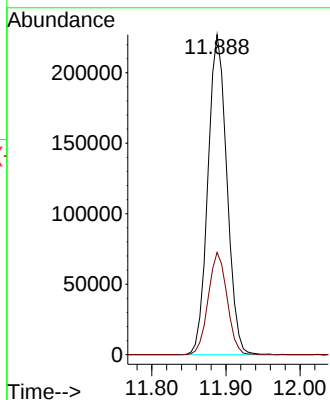
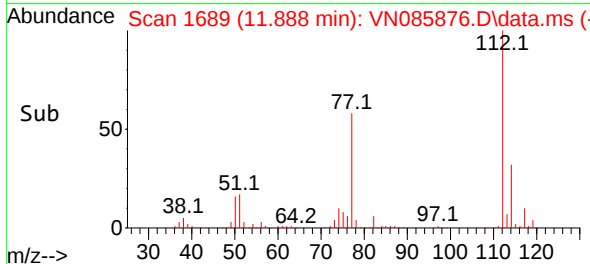
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MS



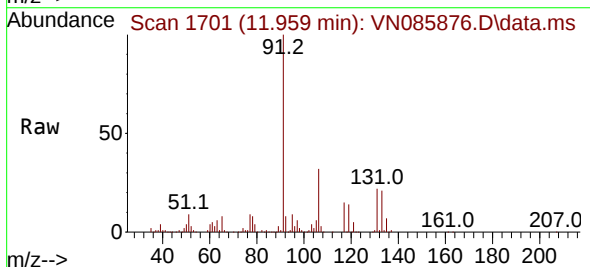
Tgt Ion:112 Resp: 403619
Ion Ratio Lower Upper
112 100
114 32.0 24.3 36.5

Manual Integrations
APPROVED

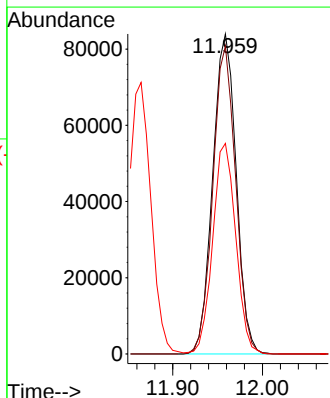
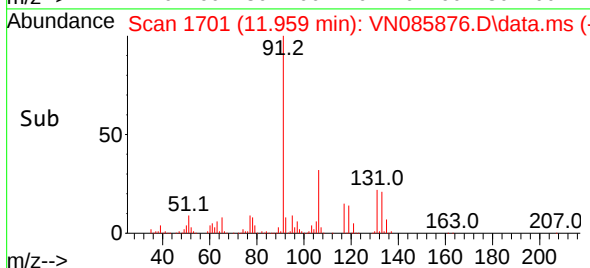
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

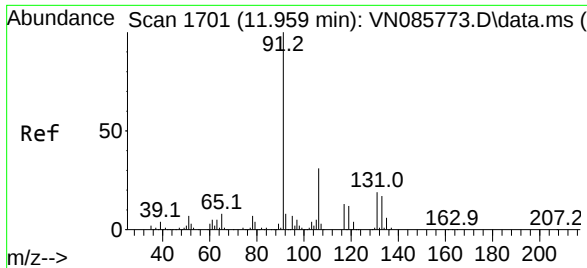


#66
1,1,1,2-Tetrachloroethane
Concen: 46.829 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09



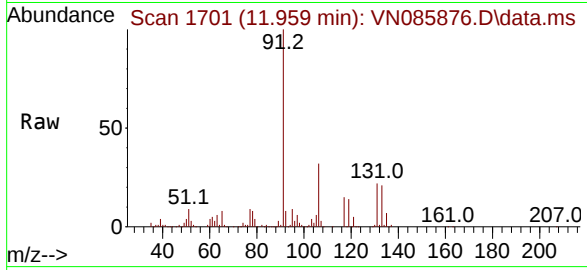
Tgt Ion:131 Resp: 152348
Ion Ratio Lower Upper
131 100
133 93.6 47.7 143.1
119 64.7 33.3 99.8





#67
Ethyl Benzene
Concen: 47.015 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

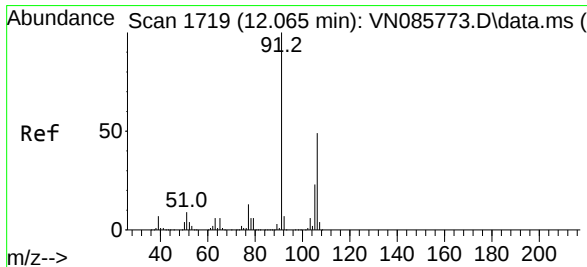
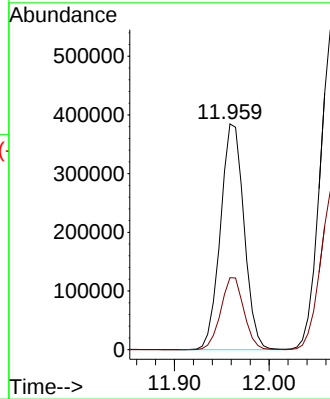
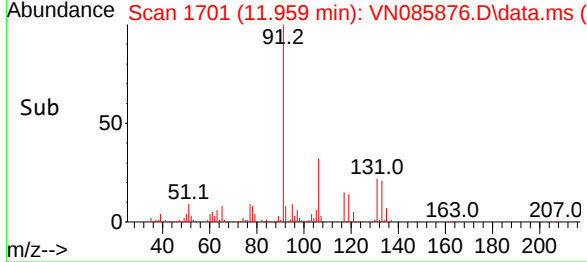
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MS



Tgt Ion: 91 Resp: 666583
Ion Ratio Lower Upper
91 100
106 31.9 24.7 37.1

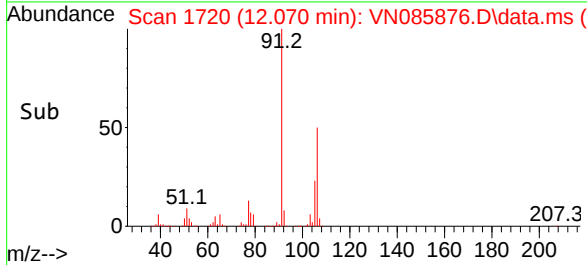
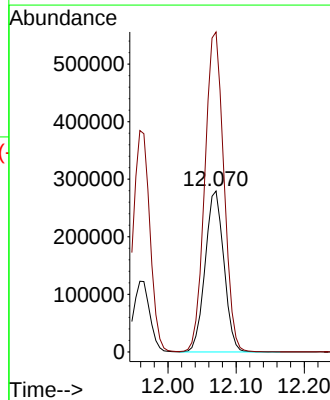
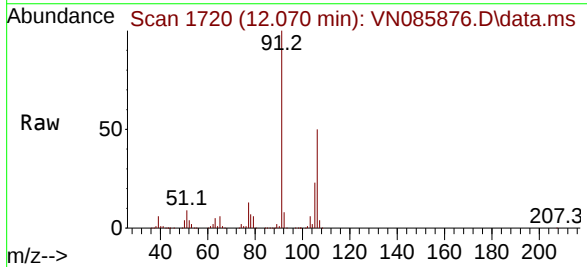
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#68
m/p-Xylenes
Concen: 99.206 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.005 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

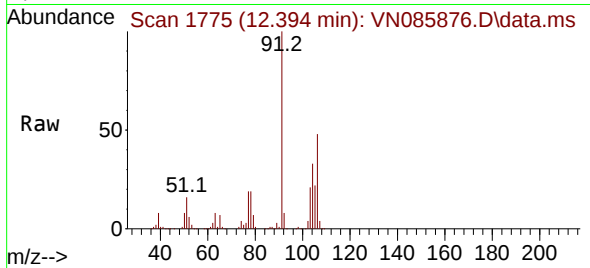
Tgt Ion:106 Resp: 534279
Ion Ratio Lower Upper
106 100
91 201.8 163.3 244.9





#69
o-Xylene
Concen: 49.409 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

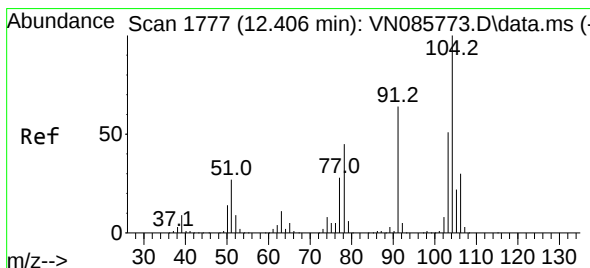
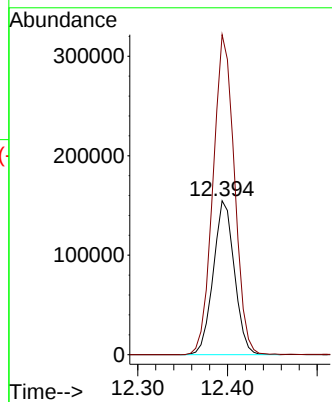
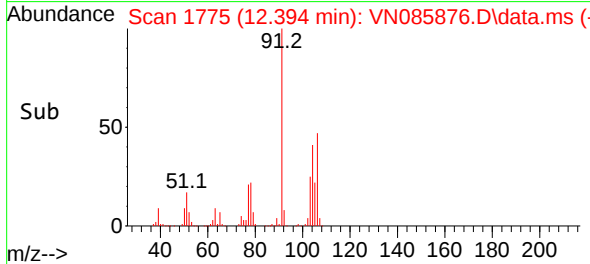
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MS



Tgt Ion:106 Resp: 25285
Ion Ratio Lower Upper
106 100
91 211.2 107.1 321.4

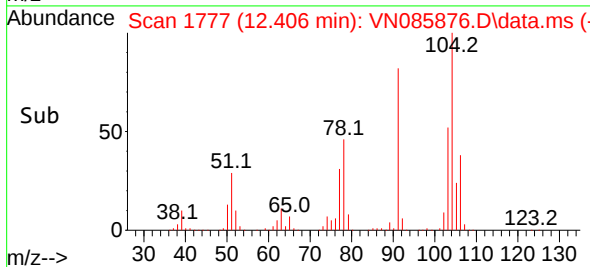
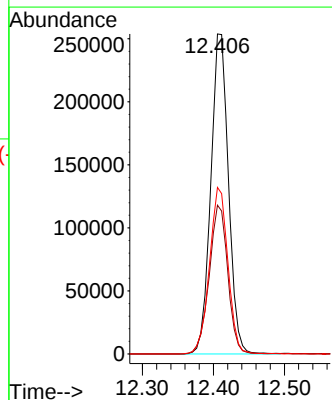
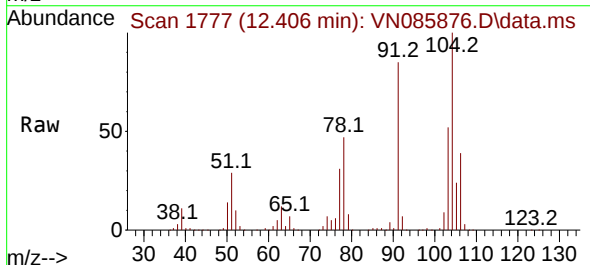
Manual Integrations
APPROVED

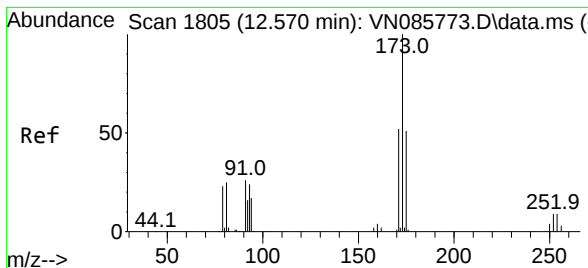
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#70
Styrene
Concen: 46.395 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

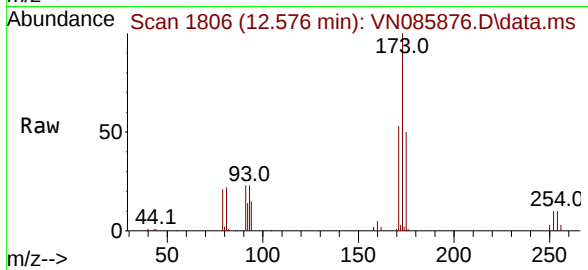
Tgt Ion:104 Resp: 438422
Ion Ratio Lower Upper
104 100
78 48.9 39.0 58.6
103 54.4 43.3 64.9





#71
Bromoform
Concen: 50.214 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

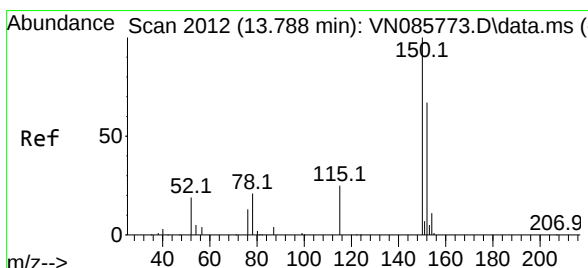
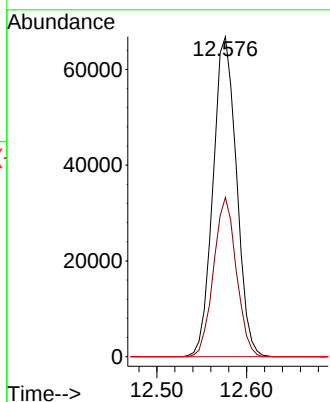
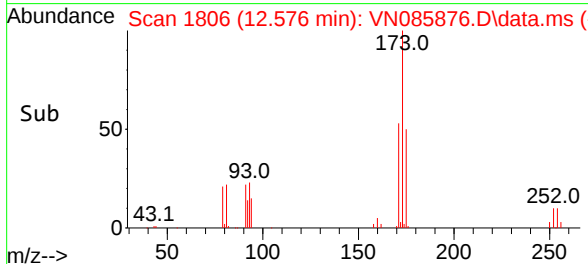
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MS



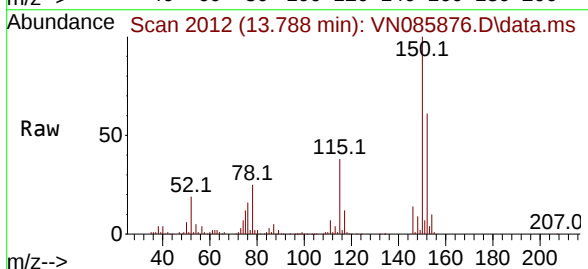
Tgt Ion:173 Resp: 12138
Ion Ratio Lower Upper
173 100
175 48.2 25.1 75.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

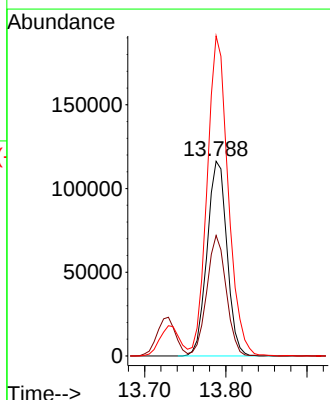
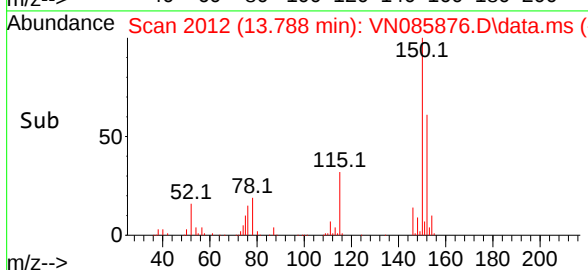
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

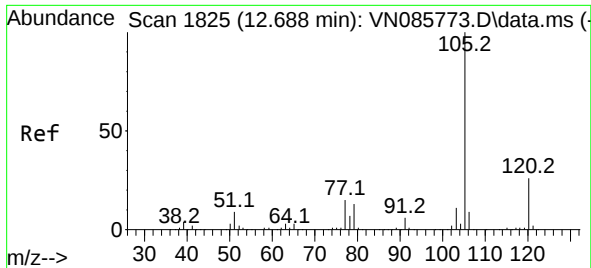


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09



Tgt Ion:152 Resp: 197597
Ion Ratio Lower Upper
152 100
115 60.4 30.4 91.3
150 173.8 0.0 345.4





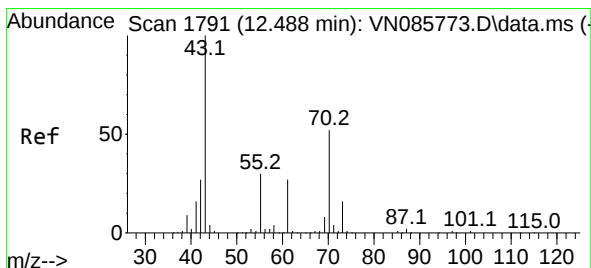
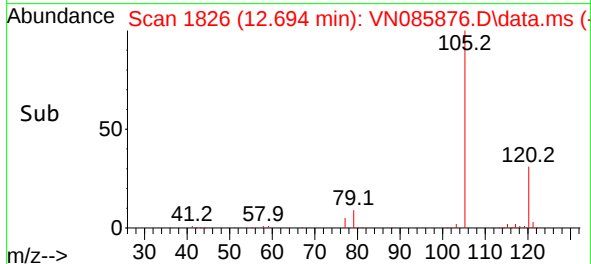
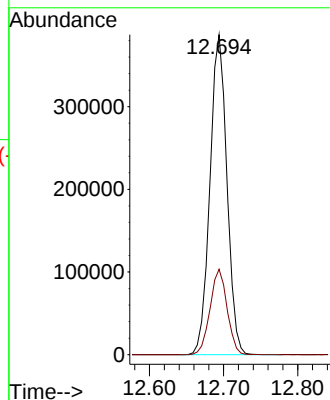
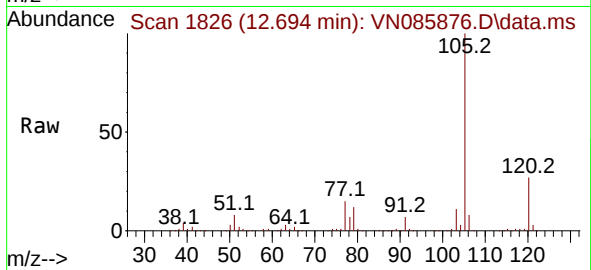
#73
Isopropylbenzene
Concen: 45.419 ug/l
RT: 12.694 min Scan# 1825
Delta R.T. 0.006 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MS

Tgt Ion:105 Resp: 61485
Ion Ratio Lower Upper
105 100
120 26.8 13.0 39.0

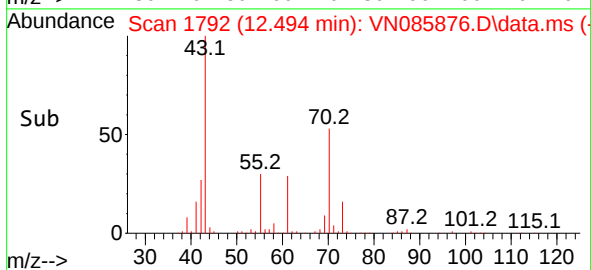
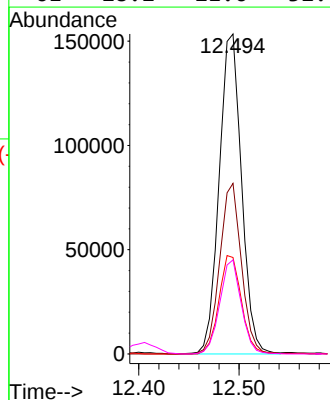
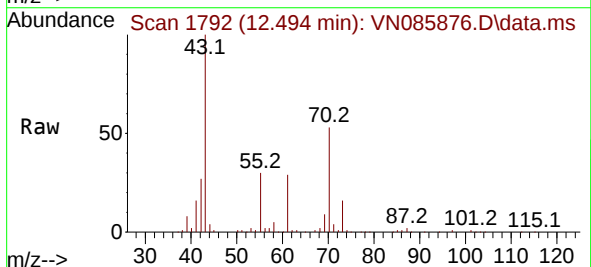
Manual Integrations
APPROVED

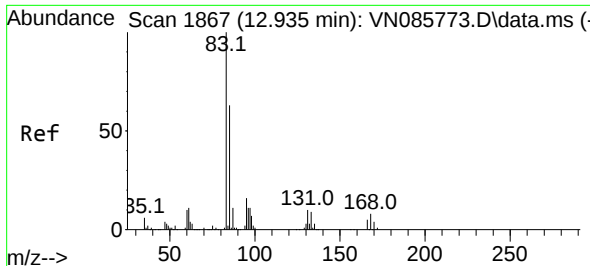
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#74
N-ethyl acetate
Concen: 49.782 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

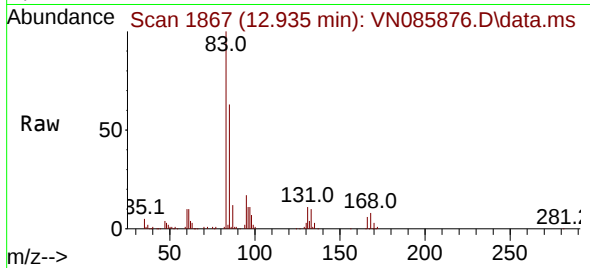
Tgt Ion: 43 Resp: 237651
Ion Ratio Lower Upper
43 100
70 51.6 41.0 61.4
55 31.0 24.6 36.8
61 28.2 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 45.220 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

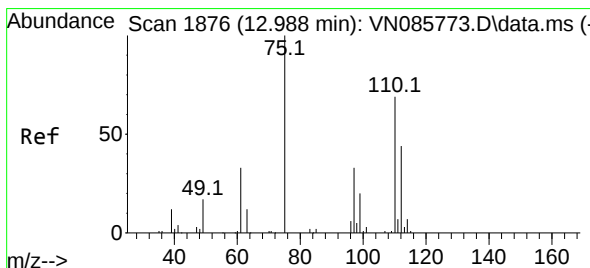
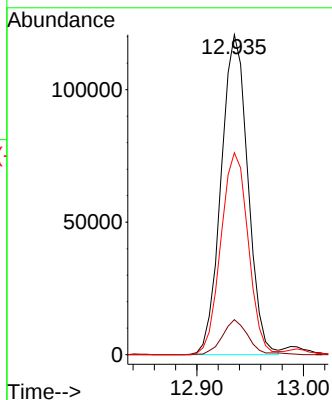
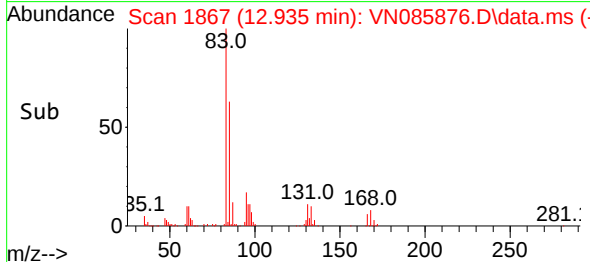
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MS



Tgt Ion: 83 Resp: 210652
Ion Ratio Lower Upper
83 100
131 10.6 5.0 15.0
85 64.6 32.2 96.6

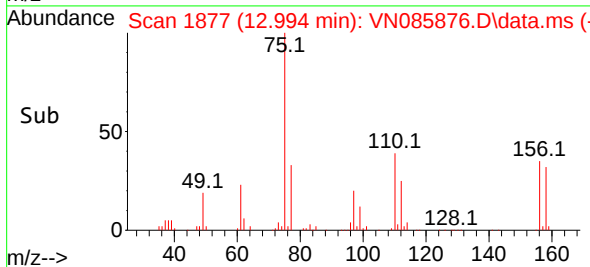
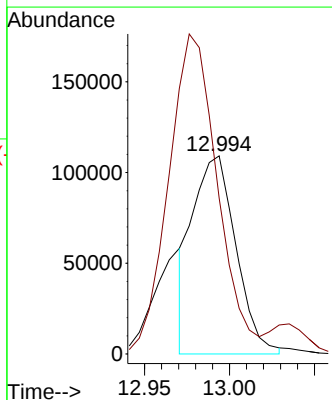
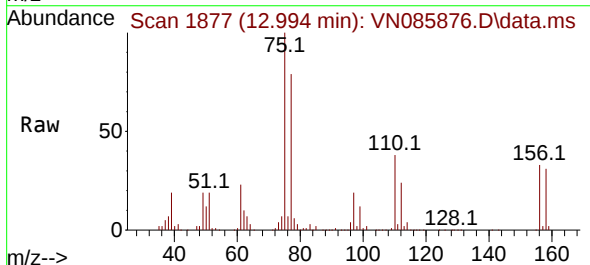
Manual Integrations
APPROVED

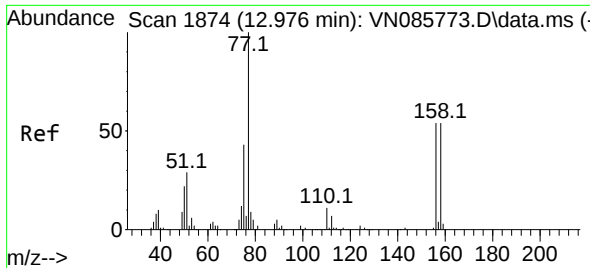
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#76
1,2,3-Trichloropropane
Concen: 43.999 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

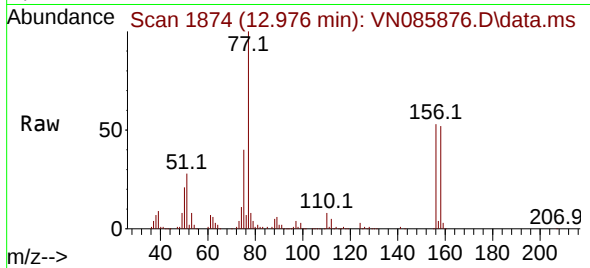
Tgt Ion: 75 Resp: 193123
Ion Ratio Lower Upper
75 100
77 182.4 100.0 300.0





#77
Bromobenzene
Concen: 45.253 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

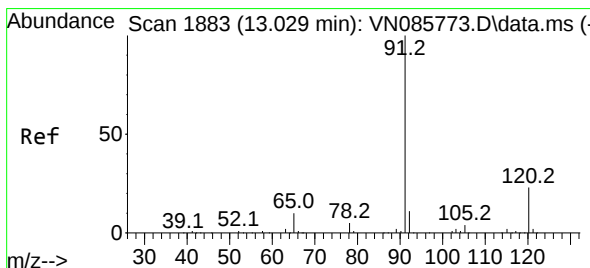
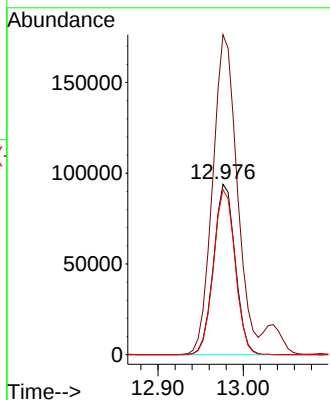
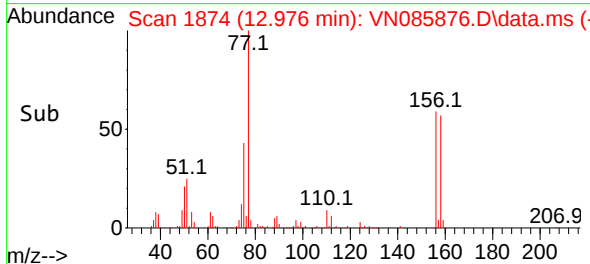
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MS



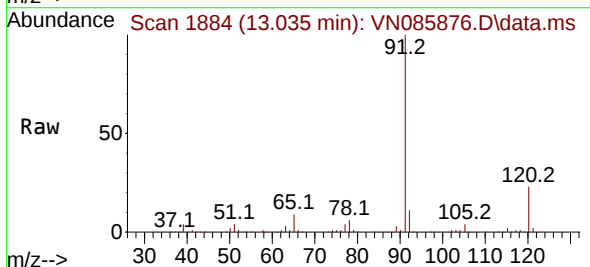
Tgt Ion:156 Resp: 165508
Ion Ratio Lower Upper
156 100
77 212.8 104.1 312.3
158 96.6 48.1 144.4

Manual Integrations
APPROVED

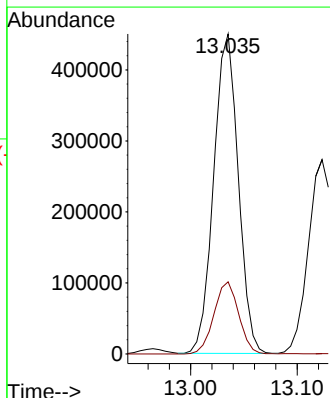
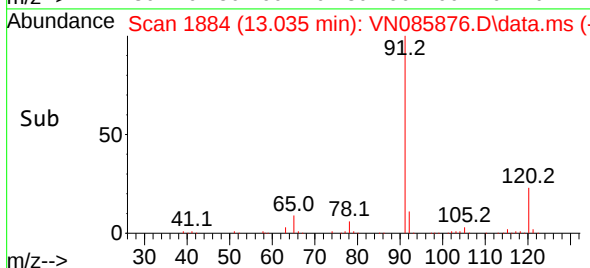
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

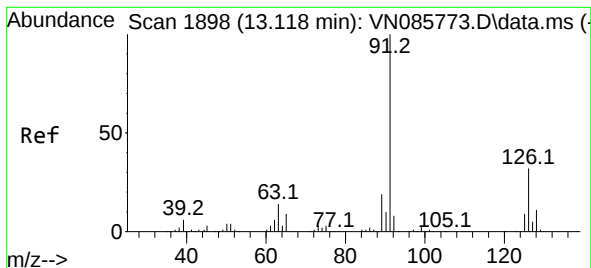


#78
n-propylbenzene
Concen: 46.376 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09



Tgt Ion: 91 Resp: 718983
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.8





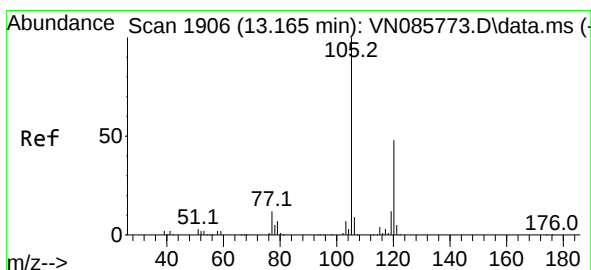
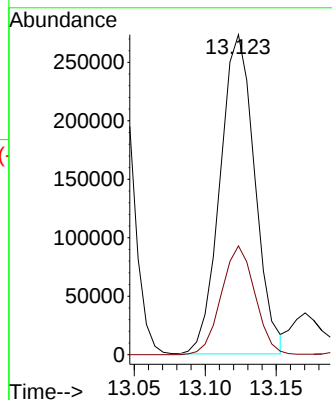
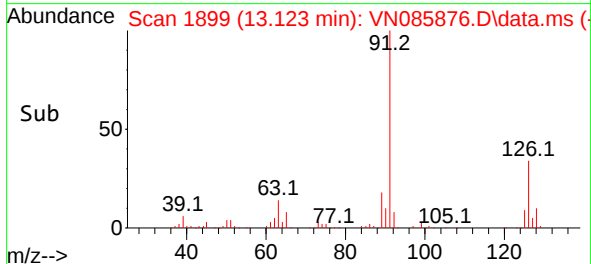
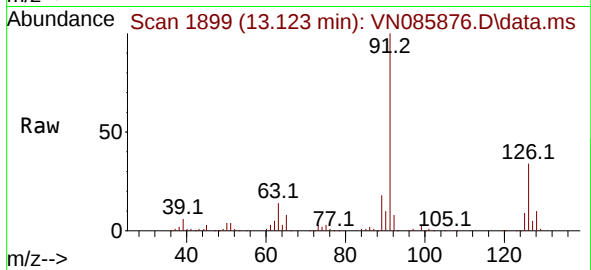
#79
2-Chlorotoluene
Concen: 44.838 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MS

Tgt Ion: 91 Resp: 464454
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.1

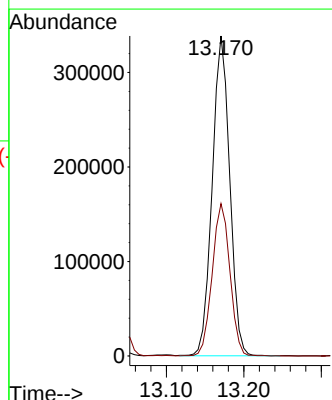
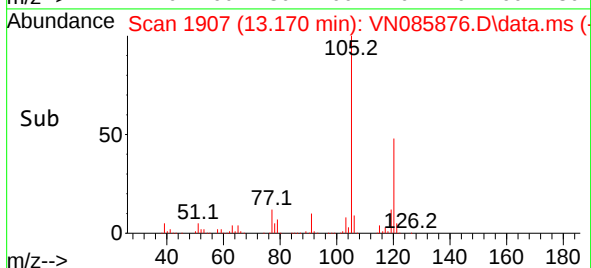
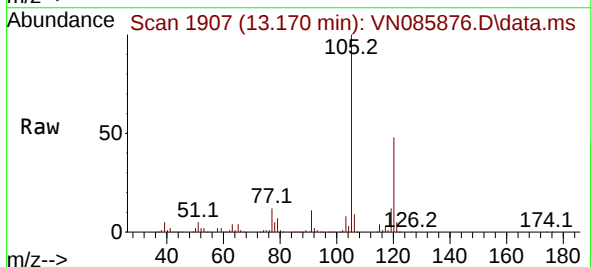
Manual Integrations
APPROVED

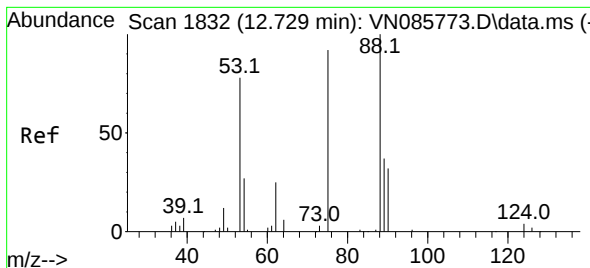
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 48.294 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

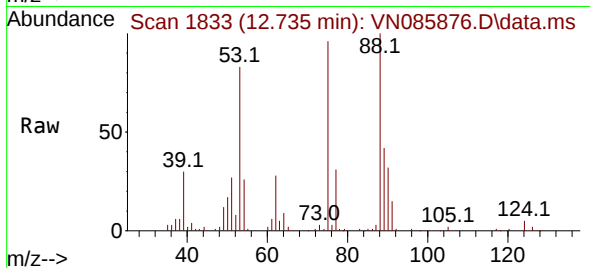
Tgt Ion:105 Resp: 532554
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 52.635 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

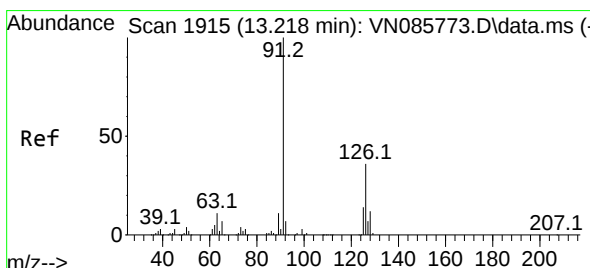
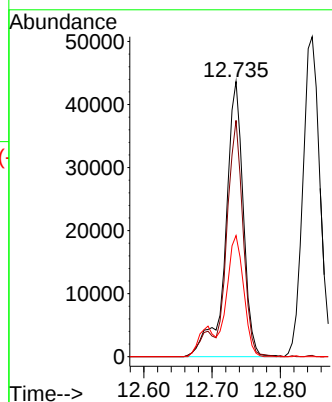
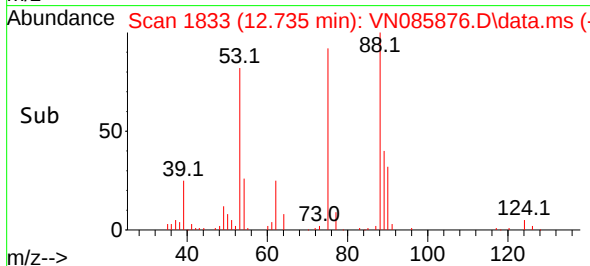
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MS



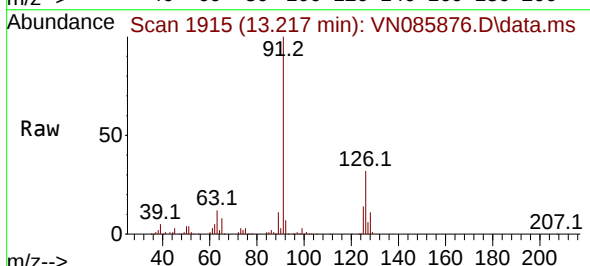
Tgt Ion: 75 Resp: 7918
Ion Ratio Lower Upper
75 100
53 76.1 74.2 111.4
89 41.5 34.9 52.3

Manual Integrations
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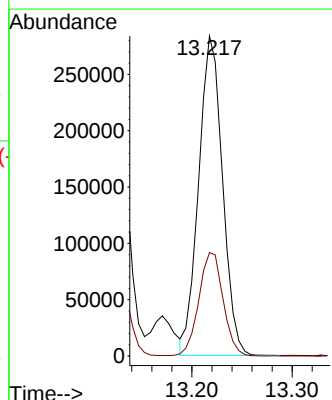
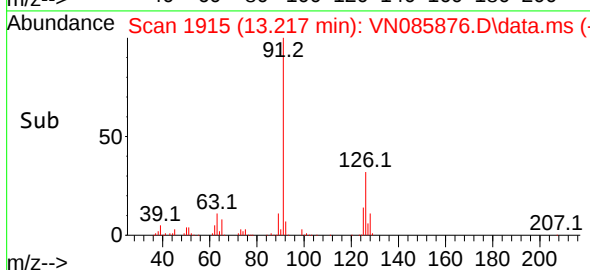
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

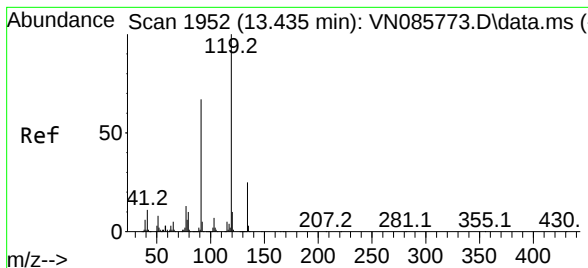


#82
4-Chlorotoluene
Concen: 45.655 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09



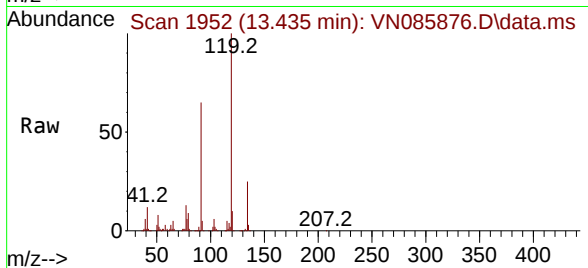
Tgt Ion: 91 Resp: 468829
Ion Ratio Lower Upper
91 100
126 33.1 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 48.032 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085876.D
 Acq: 26 Feb 2025 17:09

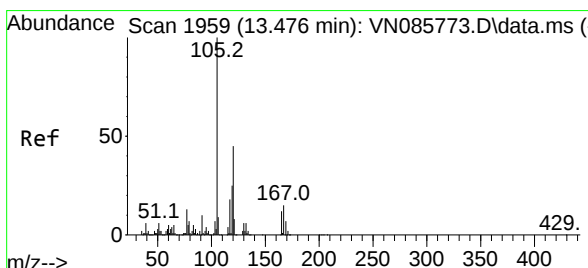
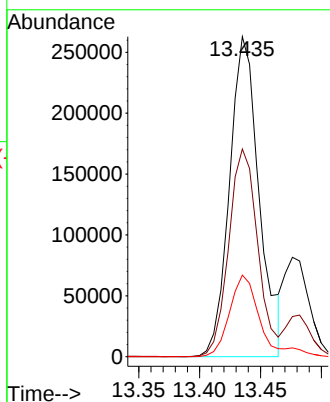
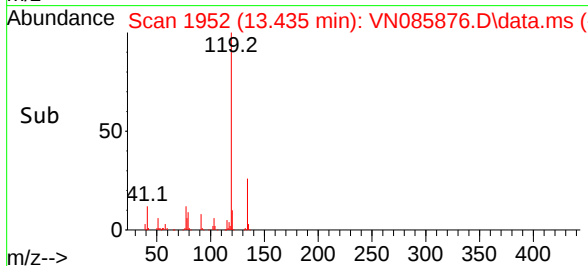
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-CLAY-CF01-01MS



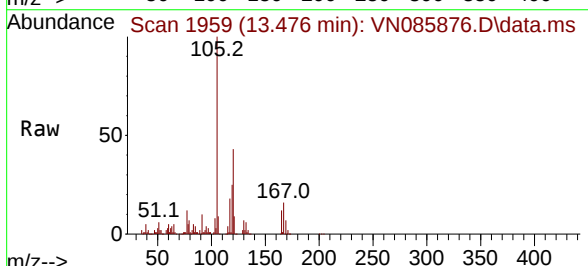
Tgt Ion:119 Resp: 445404
 Ion Ratio Lower Upper
 119 100
 91 63.7 32.5 97.5
 134 26.3 13.3 39.9

Manual Integrations
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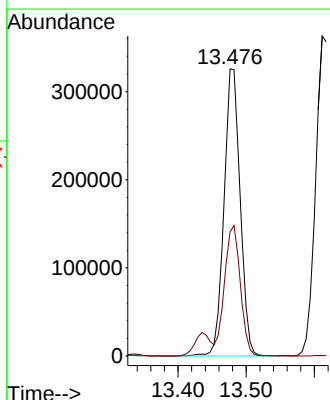
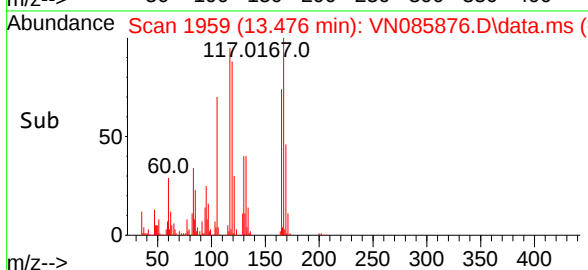
Reviewed By :John Carlone 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025

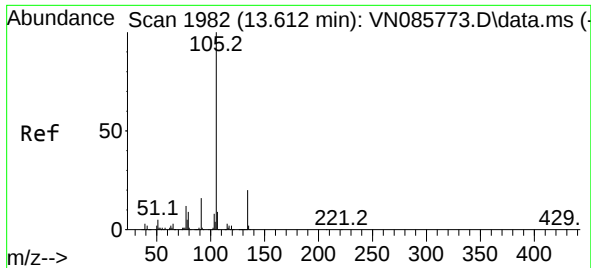


#84
 1,2,4-Trimethylbenzene
 Concen: 49.232 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.000 min
 Lab File: VN085876.D
 Acq: 26 Feb 2025 17:09



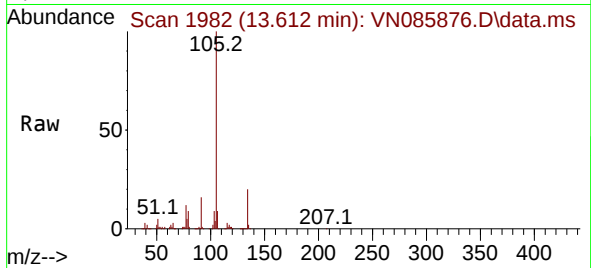
Tgt Ion:105 Resp: 537124
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 45.434 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085876.D
 Acq: 26 Feb 2025 17:09

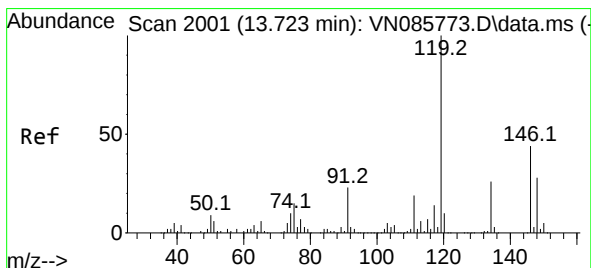
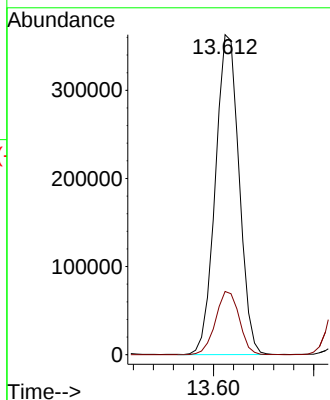
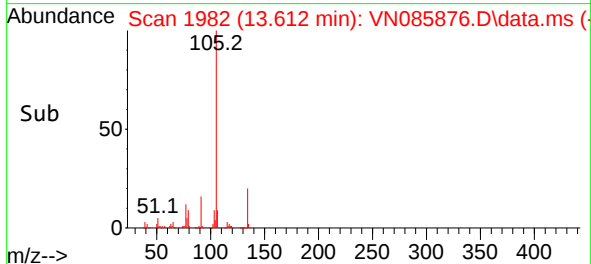
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-CLAY-CF01-01MS



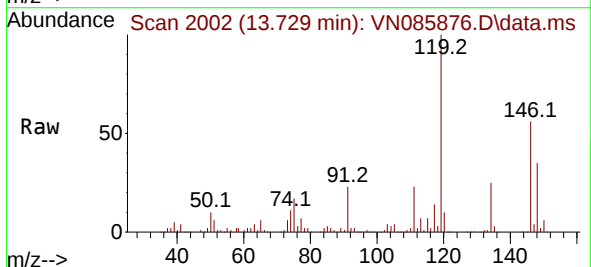
Tgt Ion:105 Resp: 595269
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

Manual Integrations
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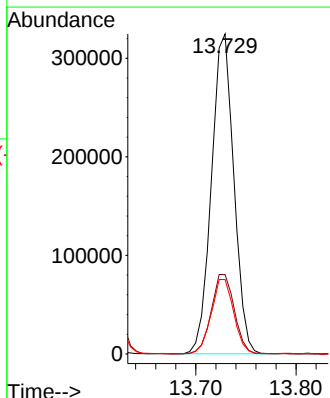
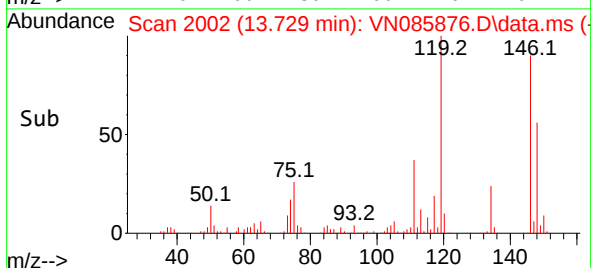
Reviewed By :John Carlone 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025

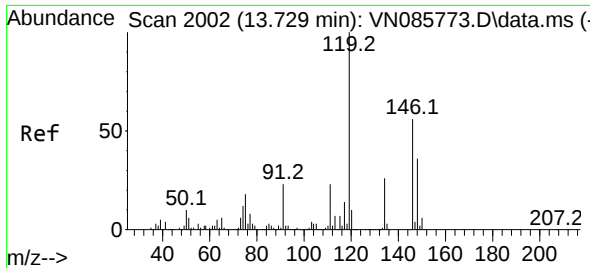


#86
 p-Isopropyltoluene
 Concen: 42.428 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085876.D
 Acq: 26 Feb 2025 17:09



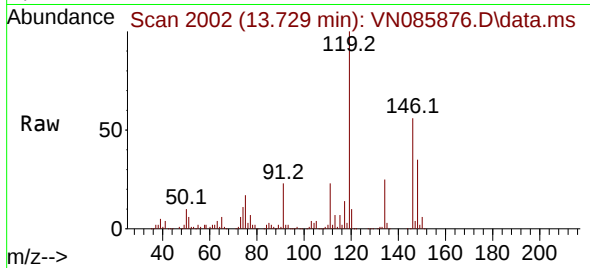
Tgt Ion:119 Resp: 502099
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 23.4 11.7 35.1





#87
1,3-Dichlorobenzene
Concen: 43.411 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

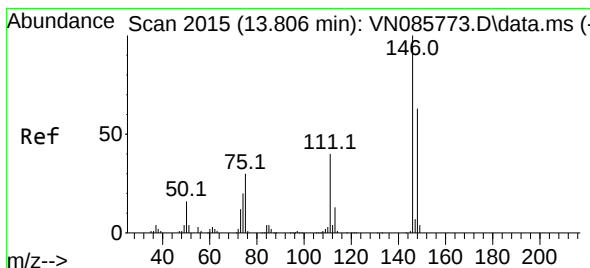
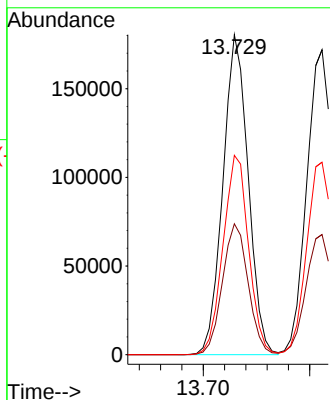
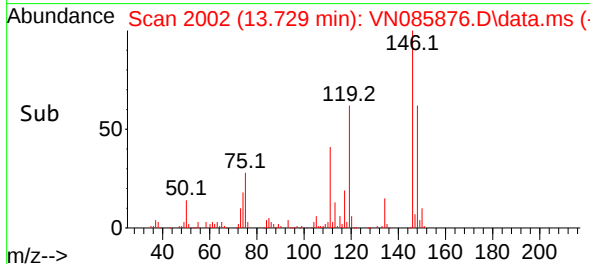
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MS



Tgt Ion:146 Resp: 297460
Ion Ratio Lower Upper
146 100
111 41.7 21.1 63.3
148 63.1 32.1 96.5

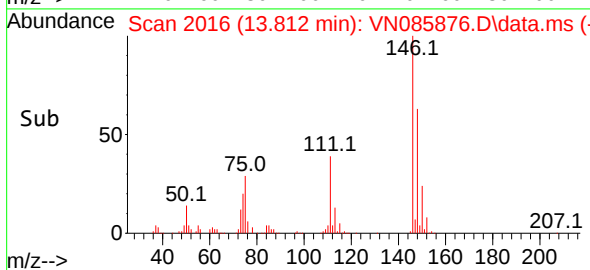
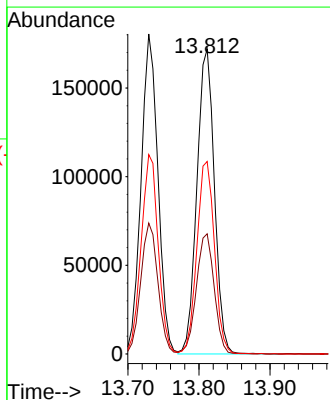
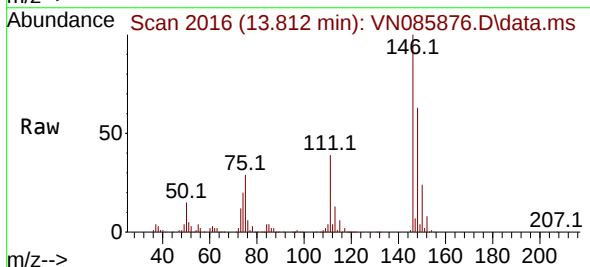
Manual Integrations
APPROVED

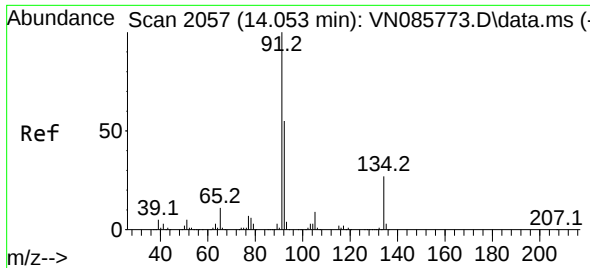
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#88
1,4-Dichlorobenzene
Concen: 42.072 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

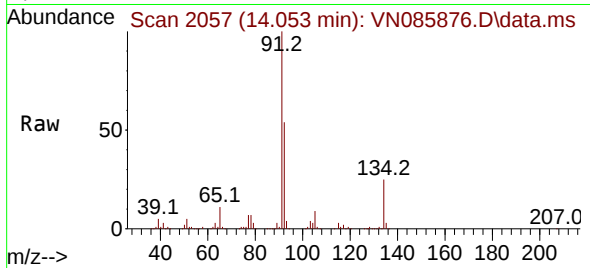
Tgt Ion:146 Resp: 295472
Ion Ratio Lower Upper
146 100
111 40.3 20.4 61.3
148 63.5 31.8 95.4





#89
n-Butylbenzene
Concen: 43.012 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

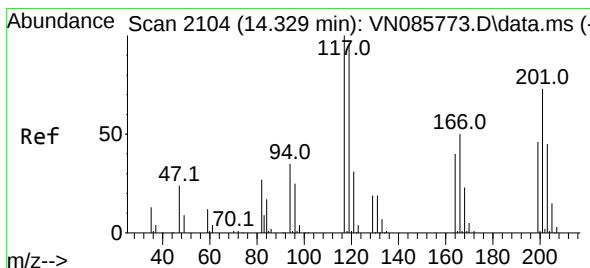
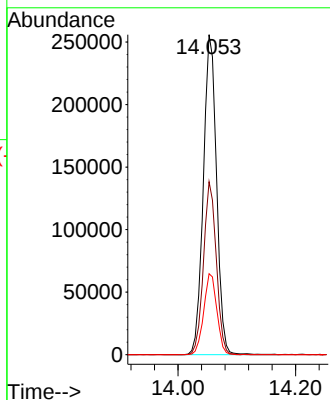
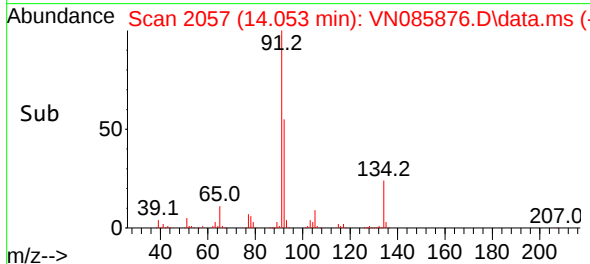
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MS



Tgt Ion: 91 Resp: 400109
Ion Ratio Lower Upper
91 100
92 52.3 27.1 81.3
134 25.0 12.7 38.1

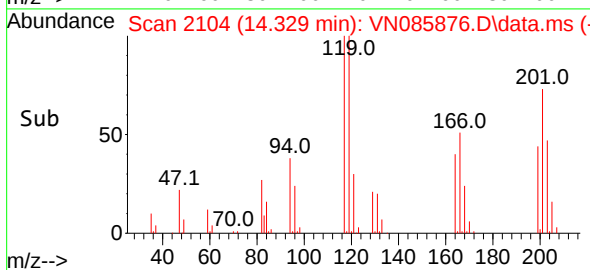
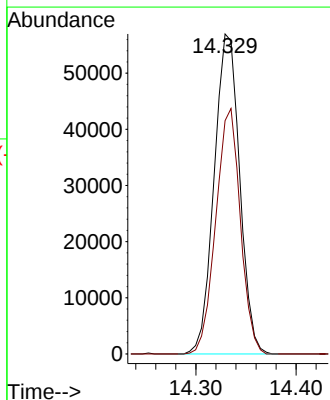
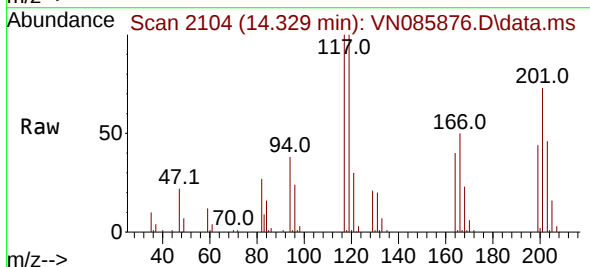
Manual Integrations
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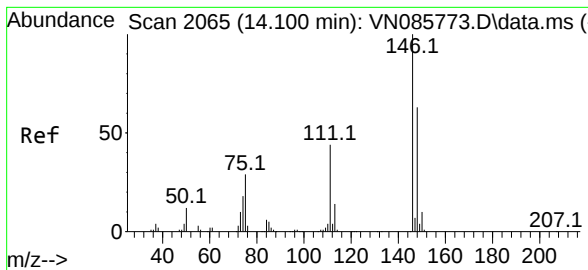
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#90
Hexachloroethane
Concen: 40.621 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

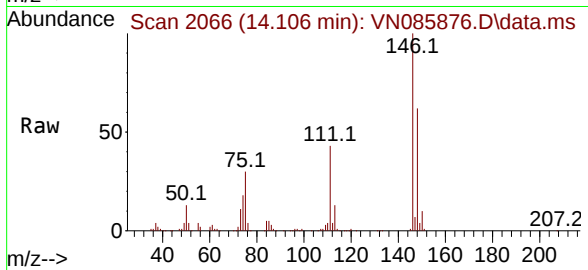
Tgt Ion:117 Resp: 100795
Ion Ratio Lower Upper
117 100
201 73.7 35.6 106.9





#91
1,2-Dichlorobenzene
Concen: 44.193 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

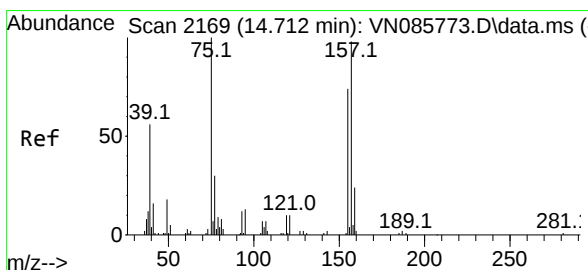
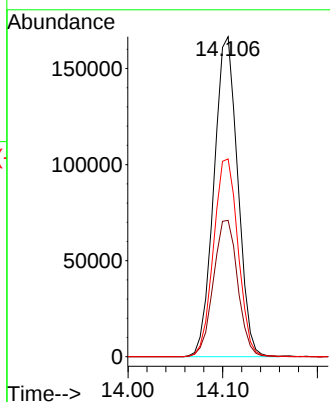
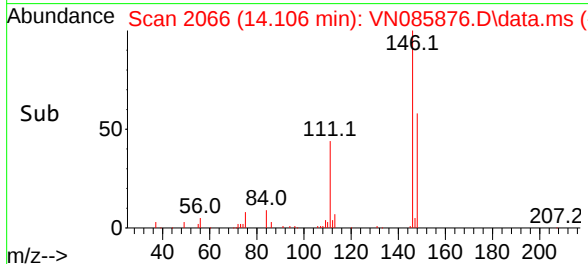
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MS



Tgt Ion:146 Resp: 291198
Ion Ratio Lower Upper
146 100
111 43.6 21.4 64.3
148 63.6 32.0 96.2

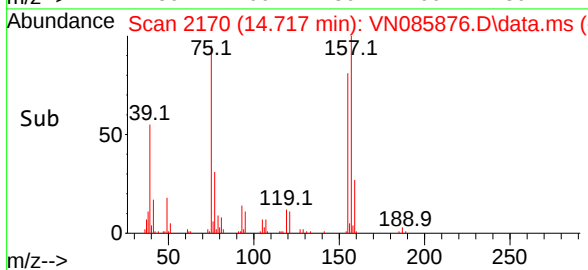
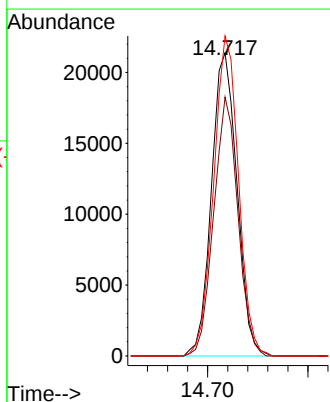
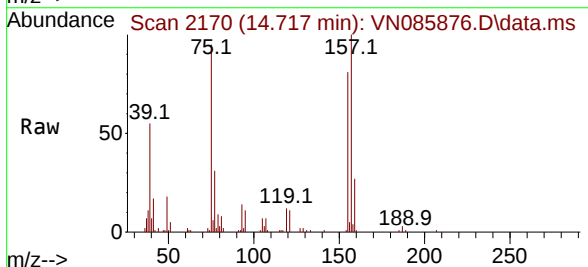
Manual Integrations
APPROVED

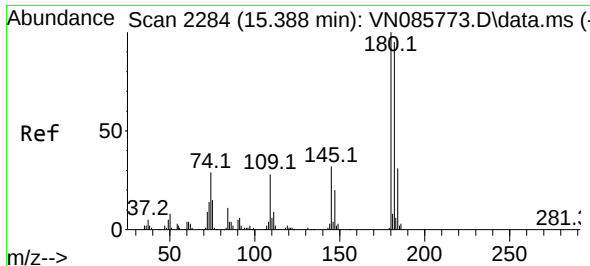
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.084 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

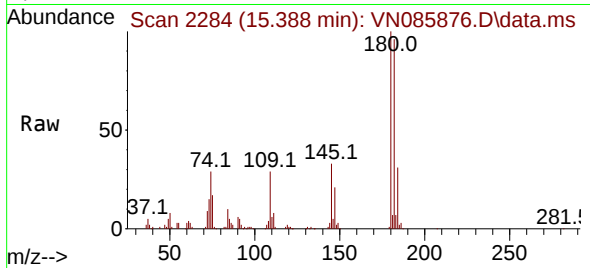
Tgt Ion: 75 Resp: 37710
Ion Ratio Lower Upper
75 100
155 81.1 39.9 119.6
157 102.9 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 43.206 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

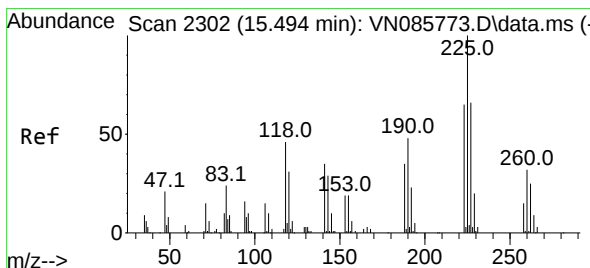
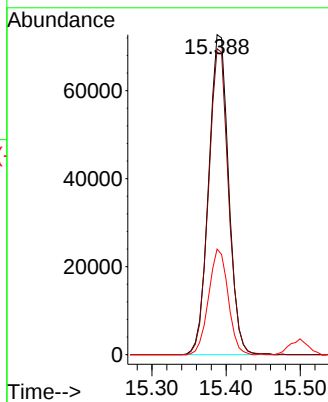
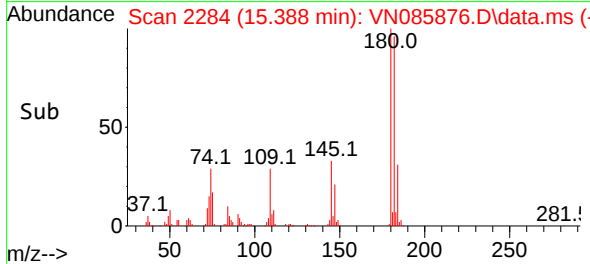
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MS



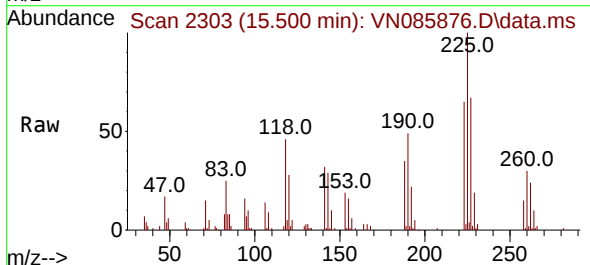
Tgt Ion:180 Resp: 13565
Ion Ratio Lower Upper
180 100
182 95.5 47.3 141.9
145 32.3 16.2 48.5

Manual Integrations
APPROVED

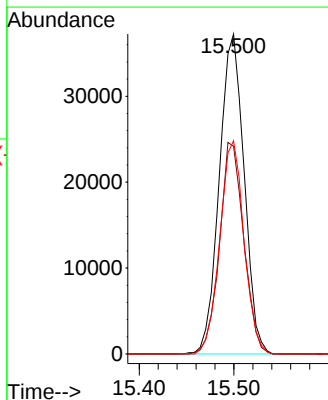
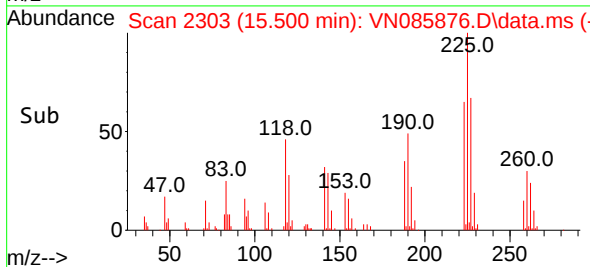
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

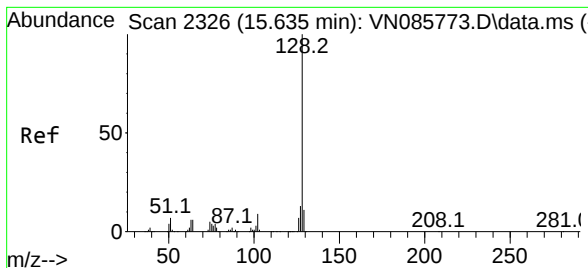


#94
Hexachlorobutadiene
Concen: 35.444 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09



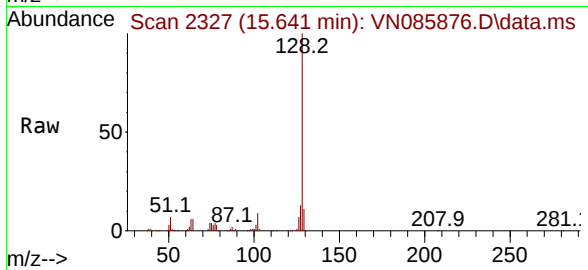
Tgt Ion:225 Resp: 67633
Ion Ratio Lower Upper
225 100
223 64.5 31.9 95.5
227 65.0 32.2 96.6





#95
Naphthalene
Concen: 47.994 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09

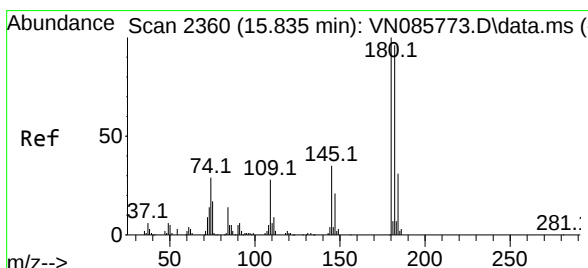
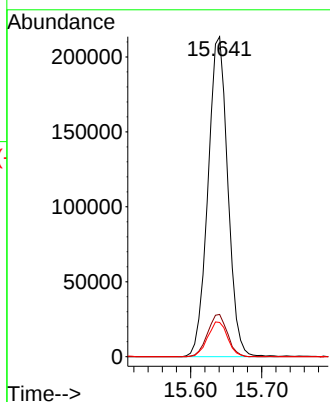
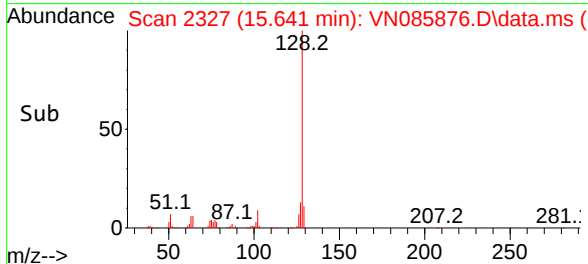
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MS



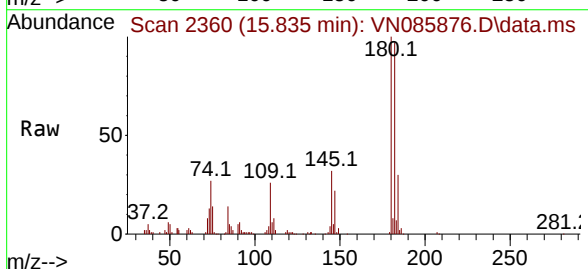
Tgt Ion:128 Resp: 413709
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#96
1,2,3-Trichlorobenzene
Concen: 42.802 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN085876.D
Acq: 26 Feb 2025 17:09



Tgt Ion:180 Resp: 134918
Ion Ratio Lower Upper
180 100
182 95.7 47.3 141.8
145 33.7 16.9 50.6

