

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022625\
 Data File : VN085877.D
 Acq On : 26 Feb 2025 17:33
 Operator : JC\MD
 Sample : Q1421-06MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Feb 26 23:10:45 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	275367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	457023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	400922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	196698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	170610	47.789	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.580%		
35) Dibromofluoromethane	8.165	113	153710	51.399	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.800%		
50) Toluene-d8	10.565	98	549151	50.471	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.940%		
62) 4-Bromofluorobenzene	12.847	95	192469	53.689	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	107.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	158009	42.186	ug/l	98
3) Chloromethane	2.359	50	164109	43.664	ug/l	99
4) Vinyl Chloride	2.512	62	174070	43.742	ug/l	98
5) Bromomethane	2.947	94	109718	43.119	ug/l	97
6) Chloroethane	3.118	64	112021	42.498	ug/l	98
7) Trichlorofluoromethane	3.495	101	247664	42.985	ug/l	99
8) Diethyl Ether	3.959	74	95806	51.392	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	143849	43.192	ug/l	99
10) Methyl Iodide	4.589	142	200812	48.915	ug/l	99
11) Tert butyl alcohol	5.518	59	113953	259.521	ug/l	100
12) 1,1-Dichloroethene	4.342	96	137005	45.369	ug/l	98
13) Acrolein	4.177	56	144289	221.594	ug/l	99
14) Allyl chloride	5.024	41	181523	45.784	ug/l	94
15) Acrylonitrile	5.712	53	375587	263.118	ug/l	100
16) Acetone	4.424	43	321913	284.973	ug/l	96
17) Carbon Disulfide	4.712	76	352647	39.403	ug/l	99
18) Methyl Acetate	5.018	43	200414	51.582	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	487845	54.365	ug/l	98
20) Methylene Chloride	5.271	84	178935	49.256	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	145652	44.794	ug/l	94
22) Diisopropyl ether	6.671	45	470855	52.558	ug/l	97
23) Vinyl Acetate	6.600	43	1540456	251.132	ug/l	99
24) 1,1-Dichloroethane	6.571	63	290560	47.711	ug/l	99
25) 2-Butanone	7.477	43	445696	268.187	ug/l	98
26) 2,2-Dichloropropane	7.488	77	219066	40.453	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	181839	48.231	ug/l	98
28) Bromochloromethane	7.812	49	133442	53.311	ug/l	98
29) Tetrahydrofuran	7.835	42	294659	274.573	ug/l	99
30) Chloroform	7.965	83	305269	47.966	ug/l	99
31) Cyclohexane	8.253	56	205643	40.329	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	256231	45.265	ug/l	98
36) 1,1-Dichloropropene	8.371	75	191621	45.274	ug/l	99
37) Ethyl Acetate	7.559	43	177805	51.049	ug/l	98
38) Carbon Tetrachloride	8.359	117	223297	44.402	ug/l	96
39) Methylcyclohexane	9.600	83	186159	44.772	ug/l	98
40) Benzene	8.606	78	647177	47.709	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022625\
 Data File : VN085877.D
 Acq On : 26 Feb 2025 17:33
 Operator : JC\MD
 Sample : Q1421-06MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Feb 26 23:10:45 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)
41) Methacrylonitrile	7.777	41	96310	51.725	ug/l	93
42) 1,2-Dichloroethane	8.665	62	206974	46.842	ug/l	98
43) Isopropyl Acetate	8.682	43	300996	49.233	ug/l	97
44) Trichloroethene	9.347	130	150087	45.062	ug/l	96
45) 1,2-Dichloropropane	9.618	63	163473	49.925	ug/l	97
46) Dibromomethane	9.706	93	113805	49.274	ug/l	100
47) Bromodichloromethane	9.882	83	240797	48.731	ug/l	100
48) Methyl methacrylate	9.676	41	139987	54.118	ug/l	96
49) 1,4-Dioxane	9.694	88	56400	1146.587	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	926967	276.038	ug/l	98
52) Toluene	10.629	92	398144	50.070	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	236982	51.865	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	253027	50.500	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	160579	50.791	ug/l	98
56) Ethyl methacrylate	10.871	69	242620	52.985	ug/l	97
57) 1,3-Dichloropropane	11.159	76	272026	51.543	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	533138	286.849	ug/l	99
59) 2-Hexanone	11.194	43	677650	293.330	ug/l	97
60) Dibromochloromethane	11.359	129	192939	52.409	ug/l	98
61) 1,2-Dibromoethane	11.465	107	155400	52.022	ug/l	99
64) Tetrachloroethene	11.100	164	147352	47.442	ug/l	98
65) Chlorobenzene	11.888	112	431696	47.003	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	160756	48.696	ug/l	99
67) Ethyl Benzene	11.959	91	718249	49.923	ug/l	100
68) m/p-Xylenes	12.070	106	569298	104.173	ug/l	98
69) o-Xylene	12.394	106	271975	52.373	ug/l	100
70) Styrene	12.406	104	472506	48.999	ug/l	100
71) Bromoform	12.576	173	128846	52.526	ug/l #	98
73) Isopropylbenzene	12.694	105	658940	48.898	ug/l	99
74) N-amyl acetate	12.494	43	252799	53.197	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	221941	47.862	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	207118m	47.403	ug/l	
77) Bromobenzene	12.976	156	175211	48.125	ug/l	97
78) n-propylbenzene	13.035	91	764927	49.565	ug/l	99
79) 2-Chlorotoluene	13.123	91	486286	47.160	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	563140	51.301	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	82268	54.937	ug/l	89
82) 4-Chlorotoluene	13.217	91	498020	48.719	ug/l	100
83) tert-Butylbenzene	13.435	119	462735	50.129	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	566970	52.205	ug/l	100
85) sec-Butylbenzene	13.612	105	636060	48.769	ug/l	100
86) p-Isopropyltoluene	13.729	119	534597	45.143	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	314600	46.122	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	314327	44.961	ug/l	99
89) n-Butylbenzene	14.053	91	431407	46.589	ug/l	99
90) Hexachloroethane	14.329	117	109579	44.363	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	308517	47.036	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	39367	46.232	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	150283	48.083	ug/l	100
94) Hexachlorobutadiene	15.500	225	73597	38.745	ug/l	99
95) Naphthalene	15.635	128	464220	54.100	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	147055	46.866	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022625\
Data File : VN085877.D
Acq On : 26 Feb 2025 17:33
Operator : JC\MD
Sample : Q1421-06MSD
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

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

Manual Integrations
APPROVED

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

Quant Time: Feb 26 23:10:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

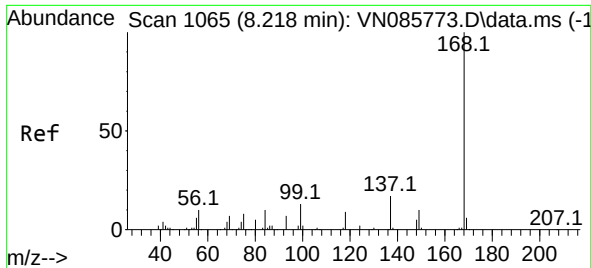
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

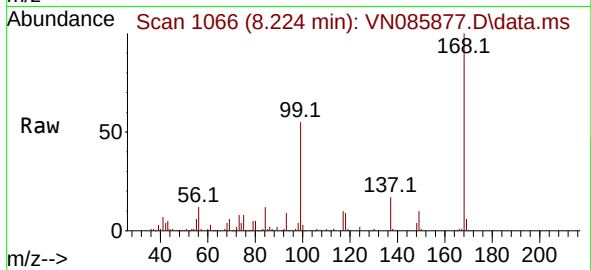
Quant Time: Feb 26 23:10:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

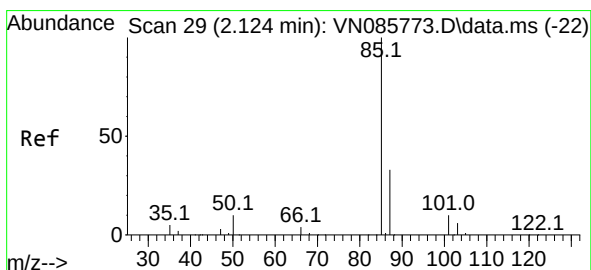
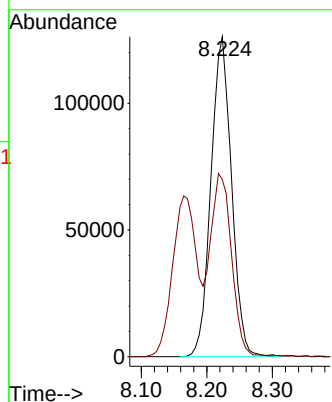
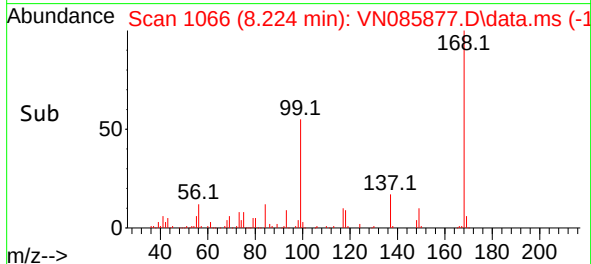
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MSD



Tgt Ion:168 Resp: 27536
Ion Ratio Lower Upper
168 100
99 55.1 47.9 71.9

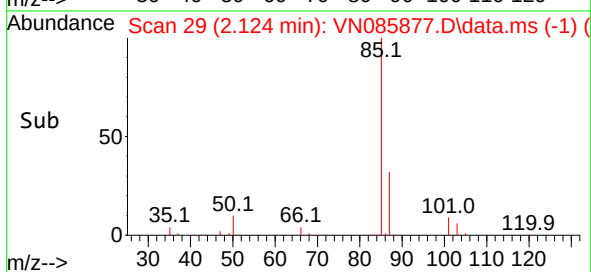
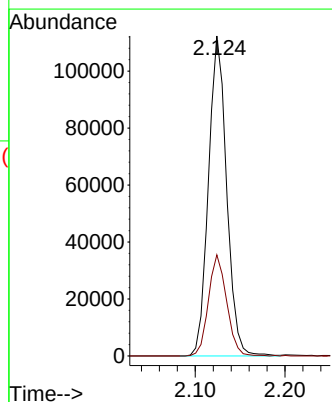
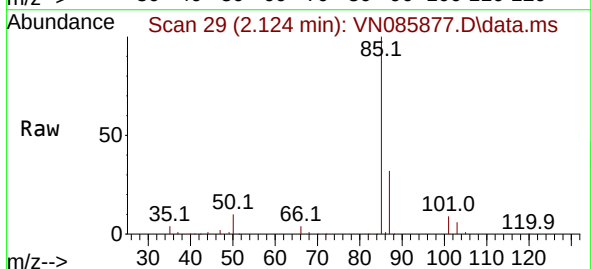
Manual Integrations
APPROVED

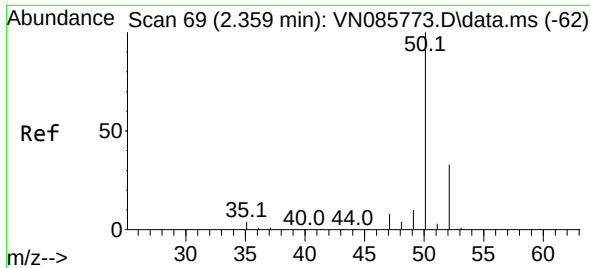
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#2
Dichlorodifluoromethane
Concen: 42.186 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

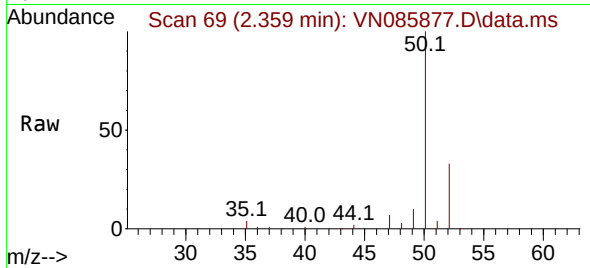
Tgt Ion: 85 Resp: 158009
Ion Ratio Lower Upper
85 100
87 31.6 16.4 49.2





#3
Chloromethane
Concen: 43.664 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

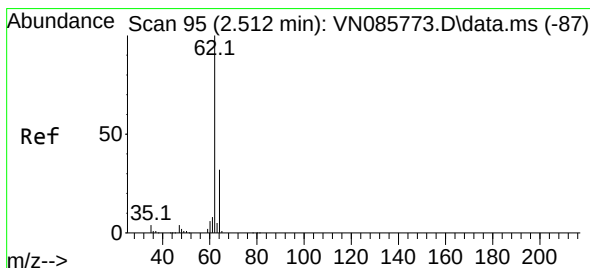
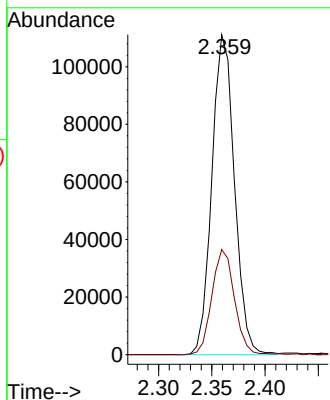
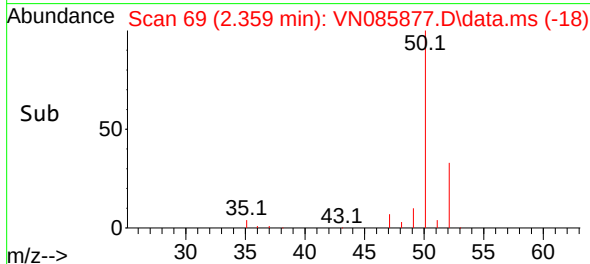
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MSD



Tgt Ion: 50 Resp: 164109
Ion Ratio Lower Upper
50 100
52 32.8 26.7 40.1

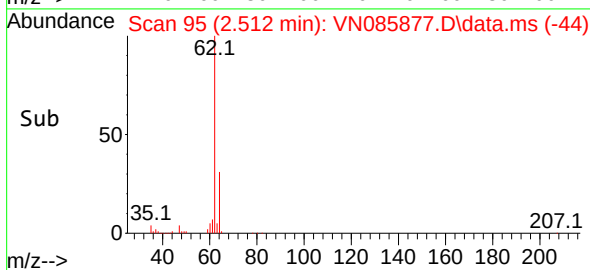
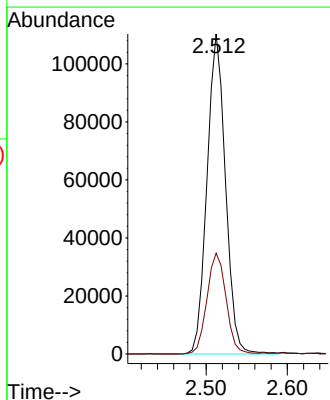
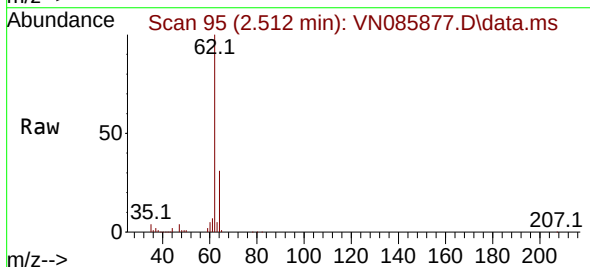
Manual Integrations
APPROVED

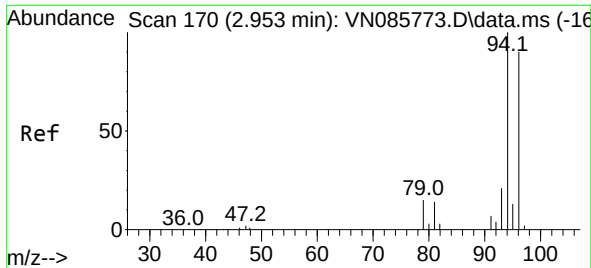
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#4
Vinyl Chloride
Concen: 43.742 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

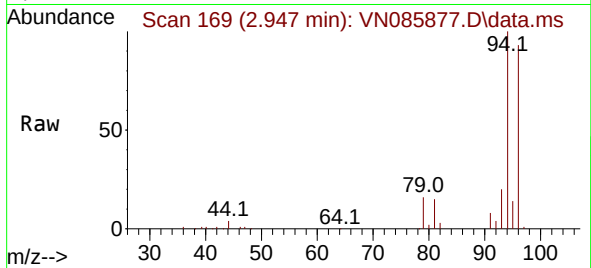
Tgt Ion: 62 Resp: 174070
Ion Ratio Lower Upper
62 100
64 31.5 25.9 38.9





#5
Bromomethane
Concen: 43.119 ug/l
RT: 2.947 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

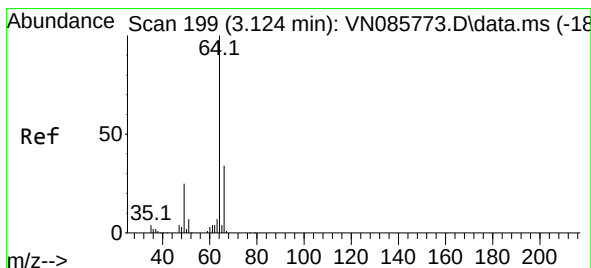
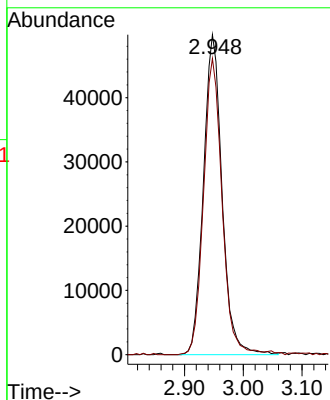
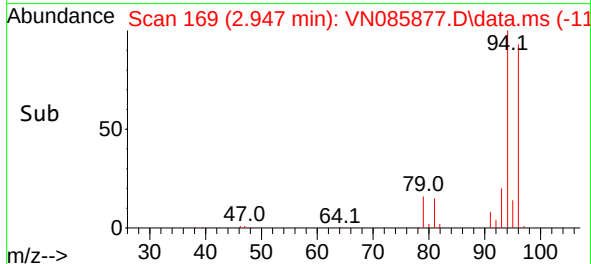
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MSD



Tgt Ion: 94 Resp: 109718
Ion Ratio Lower Upper
94 100
96 92.5 71.7 107.5

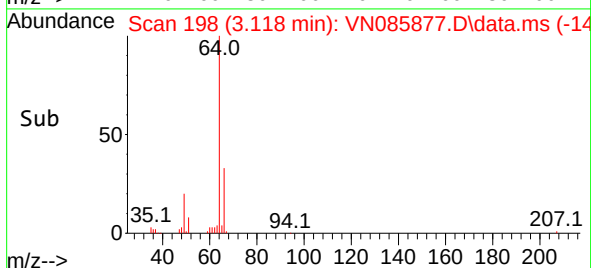
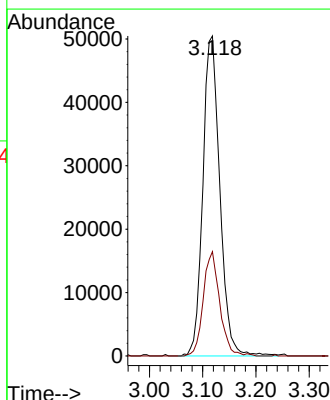
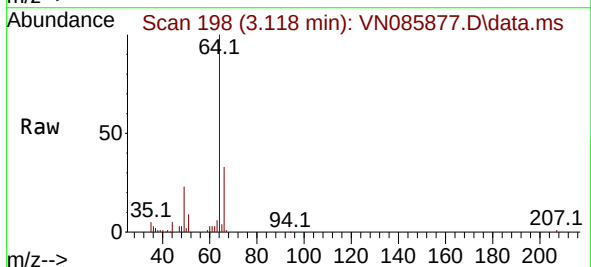
Manual Integrations
APPROVED

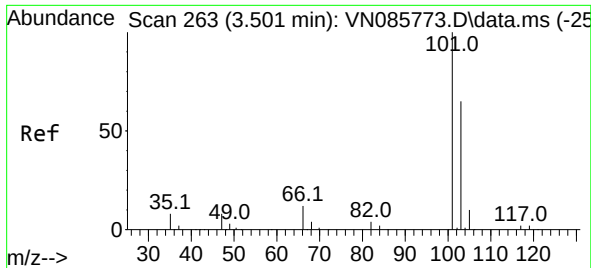
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#6
Chloroethane
Concen: 42.498 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

Tgt Ion: 64 Resp: 112021
Ion Ratio Lower Upper
64 100
66 32.6 27.0 40.6





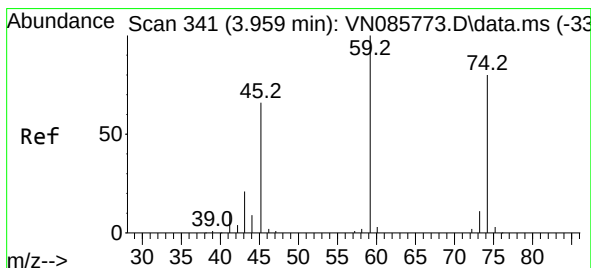
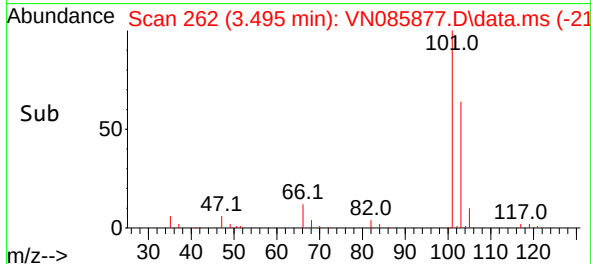
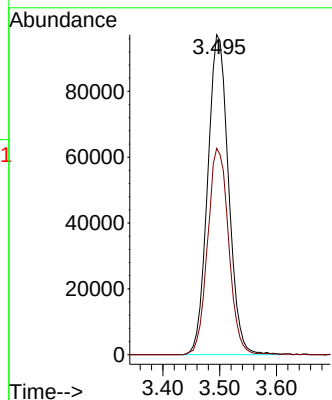
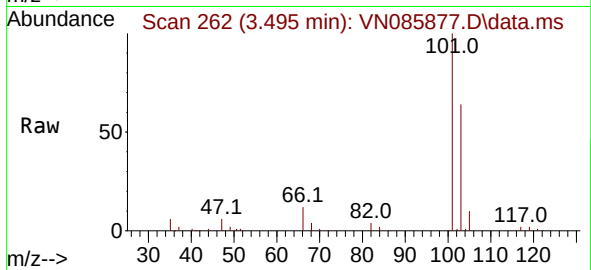
#7
 Trichlorofluoromethane
 Concen: 42.985 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN085877.D
 Acq: 26 Feb 2025 17:33

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

Tgt Ion:101 Resp: 247664
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.2 78.4

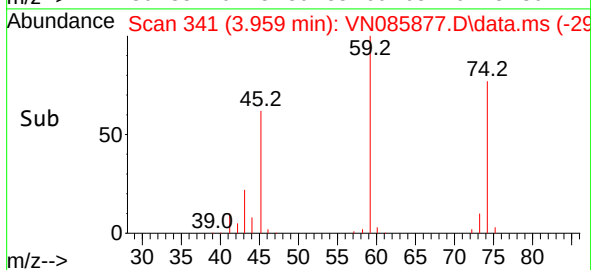
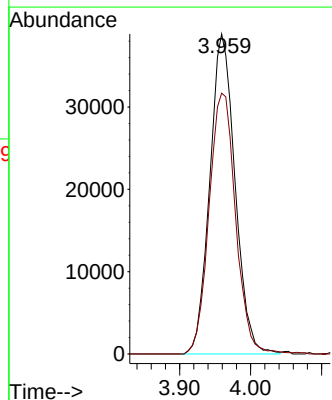
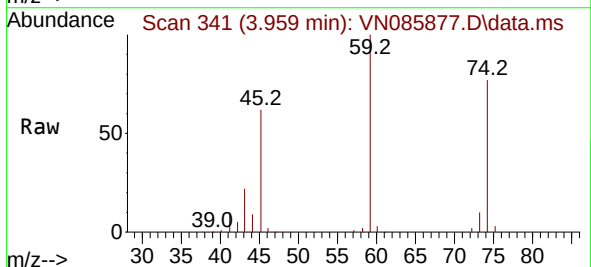
Manual Integrations
 APPROVED

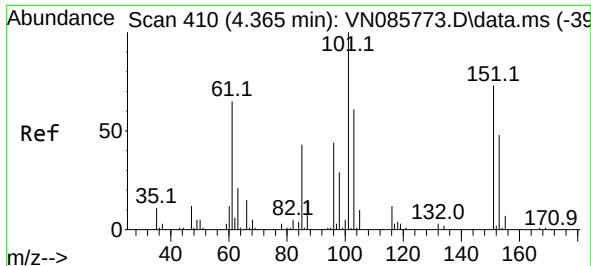
Reviewed By :John Carlone 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025



#8
 Diethyl Ether
 Concen: 51.392 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN085877.D
 Acq: 26 Feb 2025 17:33

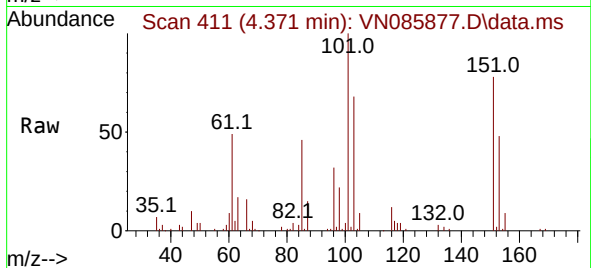
Tgt Ion: 74 Resp: 95806
 Ion Ratio Lower Upper
 74 100
 45 85.6 42.5 127.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.192 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

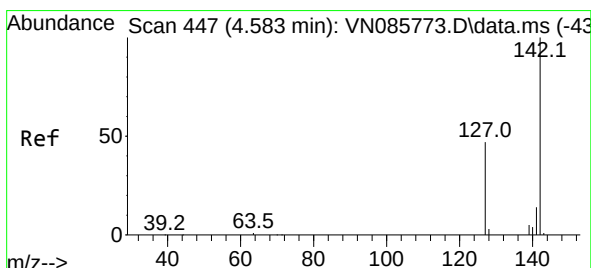
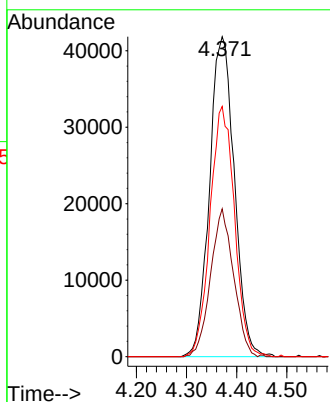
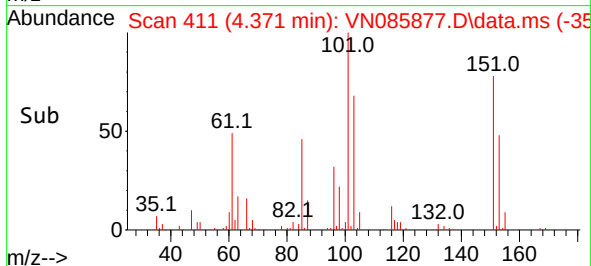
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MSD



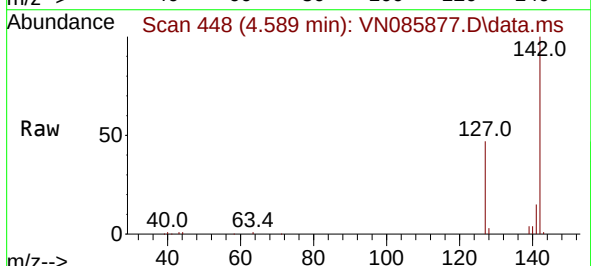
Tgt Ion:101 Resp: 143849
Ion Ratio Lower Upper
101 100
85 42.9 35.7 53.5
151 77.0 61.4 92.2

Manual Integrations
APPROVED

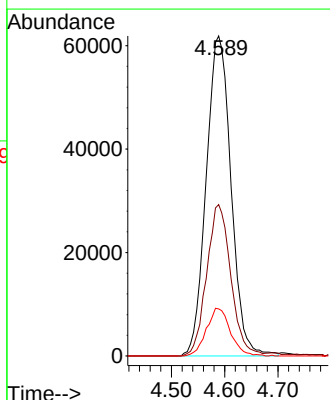
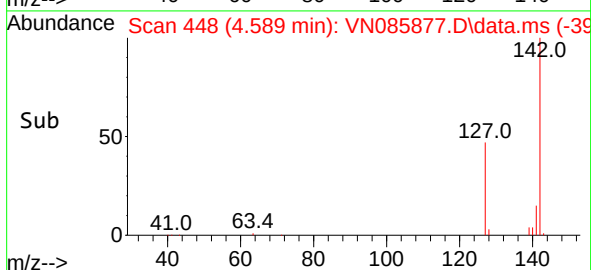
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

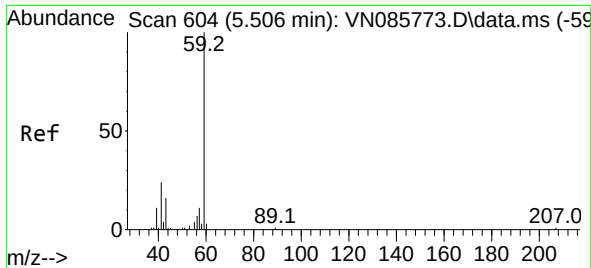


#10
Methyl Iodide
Concen: 48.915 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33



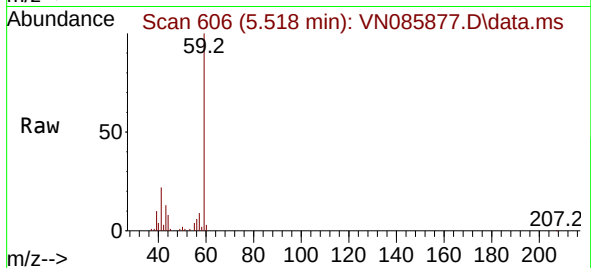
Tgt Ion:142 Resp: 200812
Ion Ratio Lower Upper
142 100
127 47.3 37.6 56.4
141 14.7 11.4 17.2





#11
Tert butyl alcohol
Concen: 259.521 ug/l
RT: 5.518 min Scan# 604
Delta R.T. 0.012 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

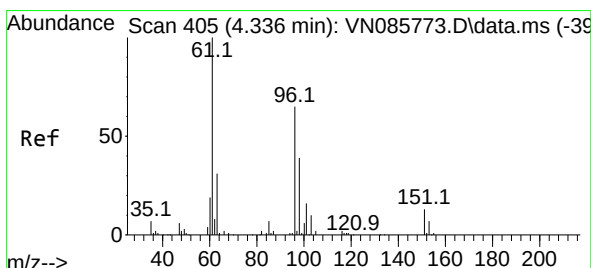
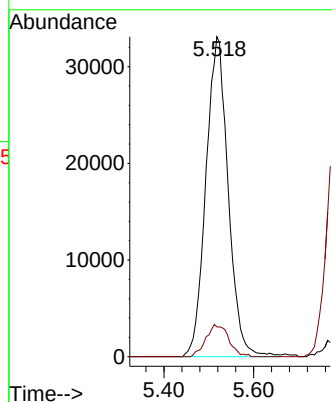
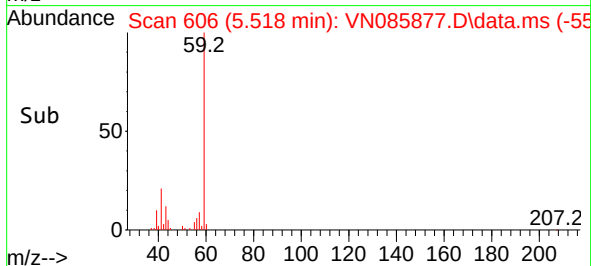
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MSD



Tgt Ion: 59 Resp: 11395
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

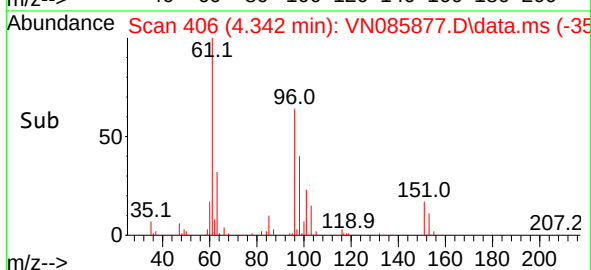
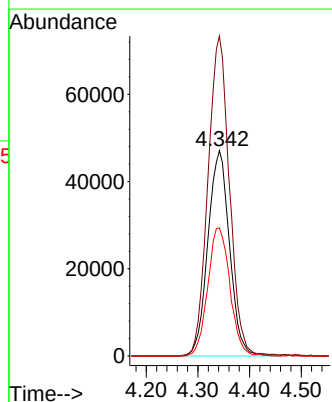
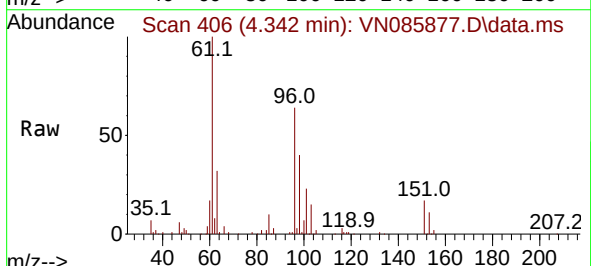
Manual Integrations
APPROVED

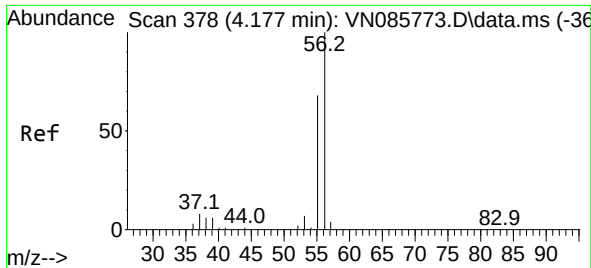
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#12
1,1-Dichloroethene
Concen: 45.369 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

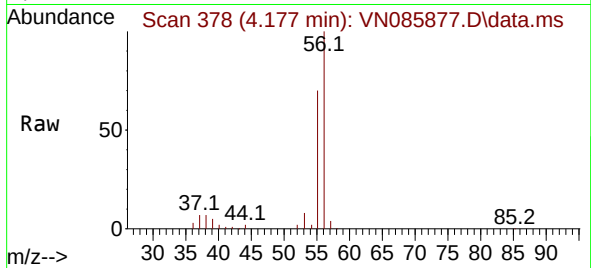
Tgt Ion: 96 Resp: 137005
Ion Ratio Lower Upper
96 100
61 155.7 123.3 184.9
98 62.4 48.6 72.8





#13
Acrolein
Concen: 221.594 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

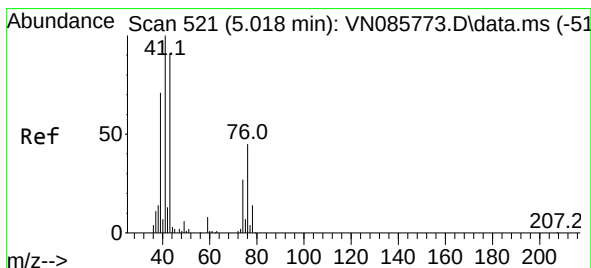
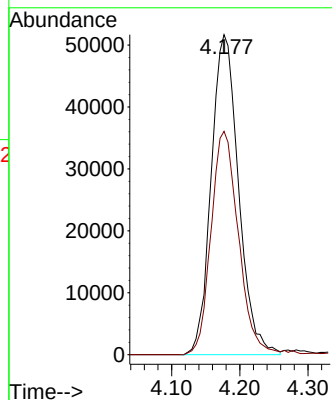
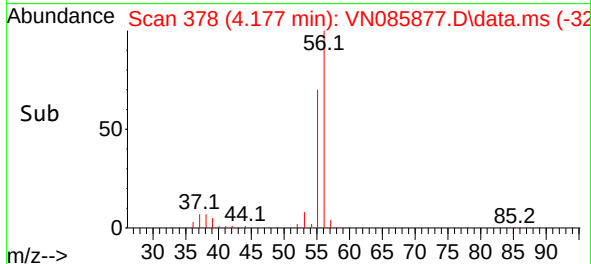
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MSD



Tgt Ion: 56 Resp: 144289
Ion Ratio Lower Upper
56 100
55 69.8 55.3 82.9

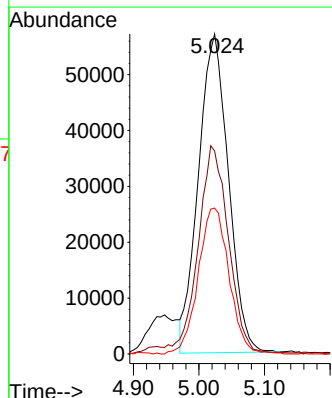
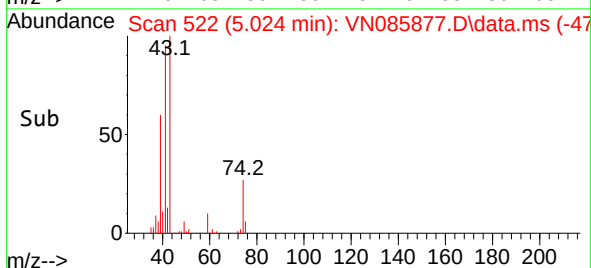
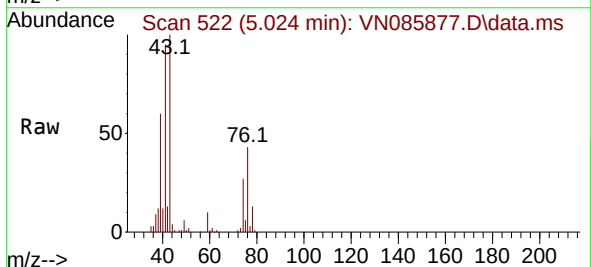
Manual Integrations
APPROVED

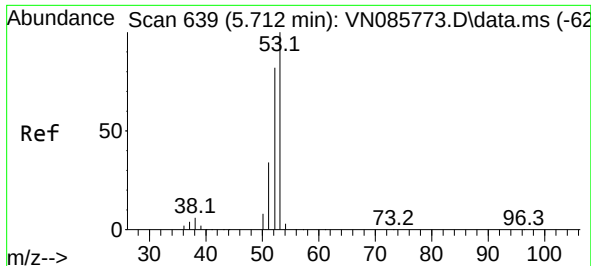
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#14
Allyl chloride
Concen: 45.784 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

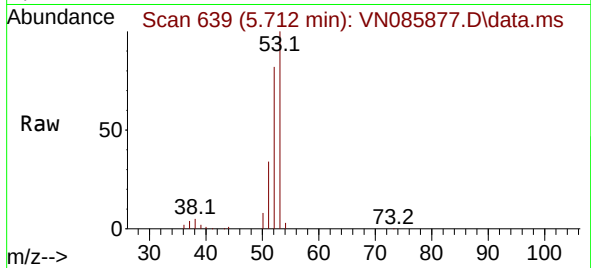
Tgt Ion: 41 Resp: 181523
Ion Ratio Lower Upper
41 100
39 65.8 57.4 86.2
76 47.0 36.2 54.2





#15
Acrylonitrile
Concen: 263.118 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

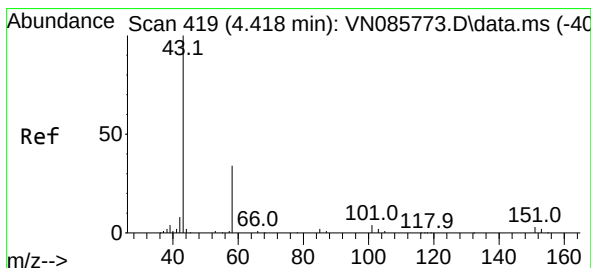
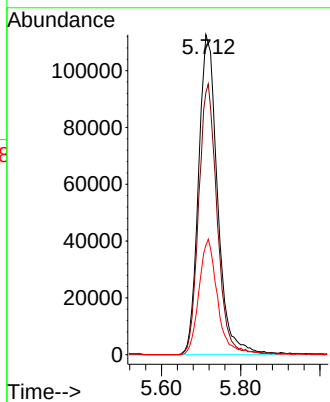
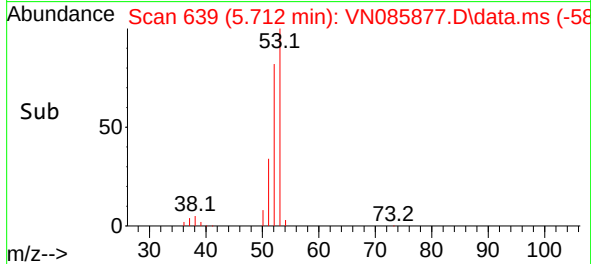
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MSD



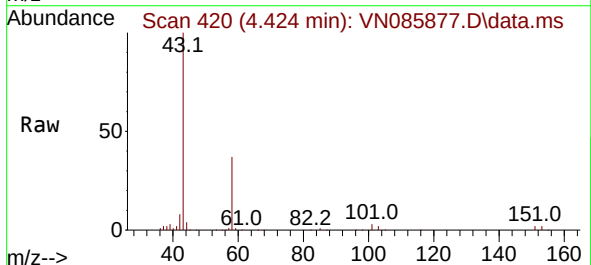
Tgt Ion: 53 Resp: 37558
Ion Ratio Lower Upper
53 100
52 81.9 65.8 98.6
51 35.5 28.6 42.8

Manual Integrations
APPROVED

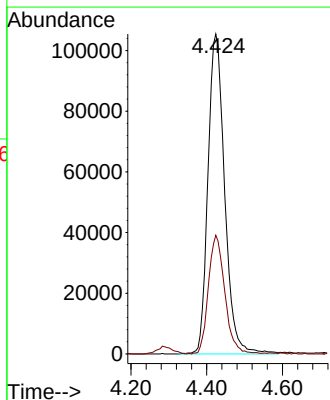
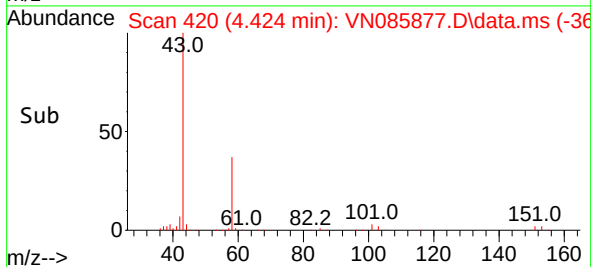
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

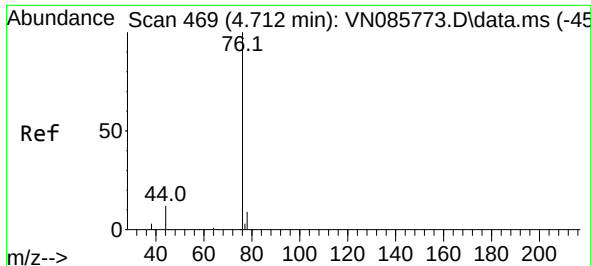


#16
Acetone
Concen: 284.973 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33



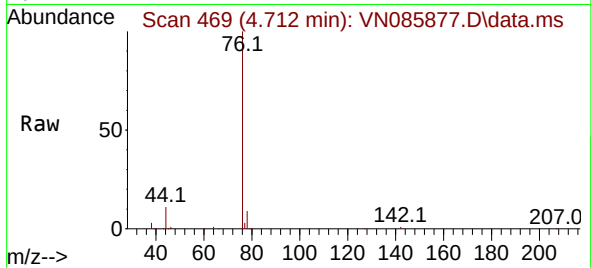
Tgt Ion: 43 Resp: 321913
Ion Ratio Lower Upper
43 100
58 36.9 27.5 41.3





#17
Carbon Disulfide
Concen: 39.403 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

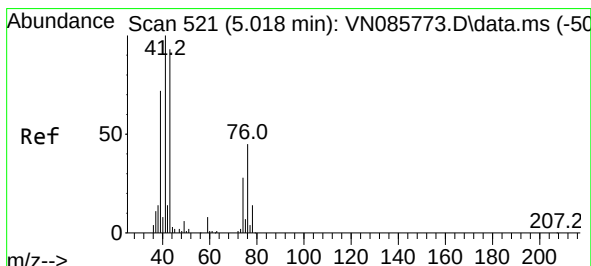
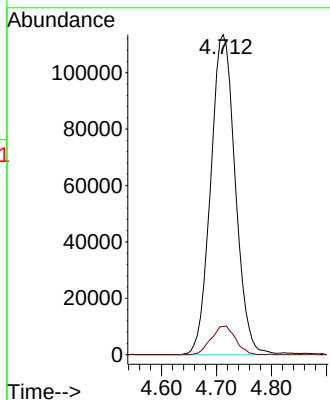
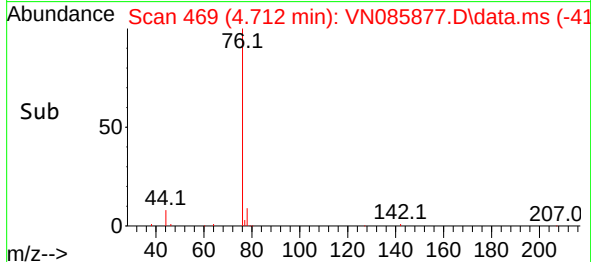
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MSD



Tgt Ion: 76 Resp: 35264
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0

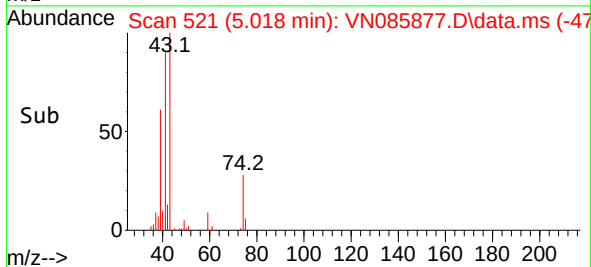
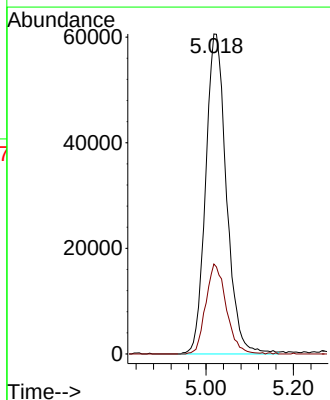
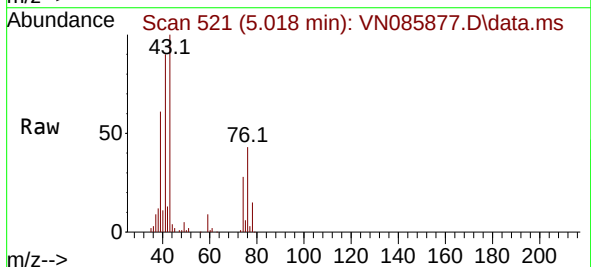
Manual Integrations
APPROVED

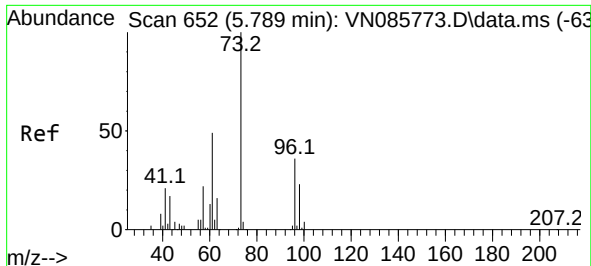
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#18
Methyl Acetate
Concen: 51.582 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

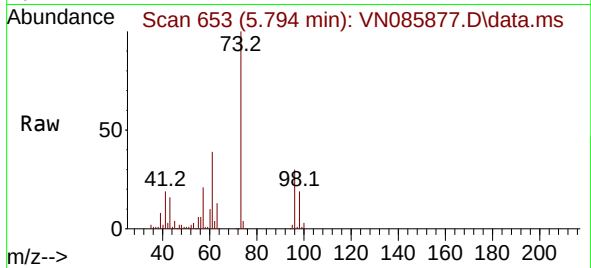
Tgt Ion: 43 Resp: 200414
Ion Ratio Lower Upper
43 100
74 27.7 22.2 33.4





#19
Methyl tert-butyl Ether
Concen: 54.365 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

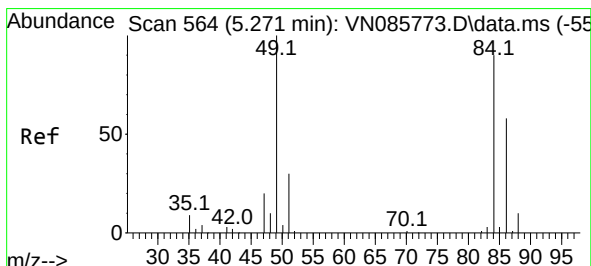
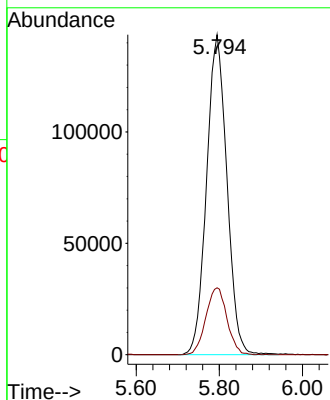
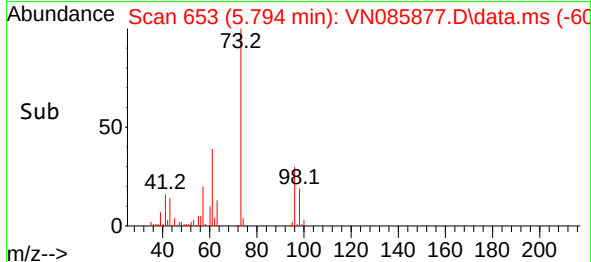
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MSD



Tgt Ion: 73 Resp: 48784
Ion Ratio Lower Upper
73 100
57 20.9 17.6 26.4

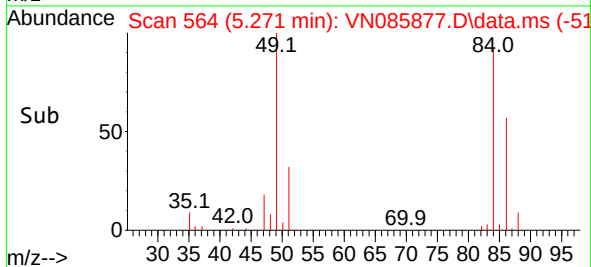
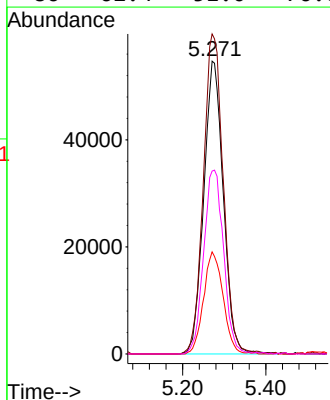
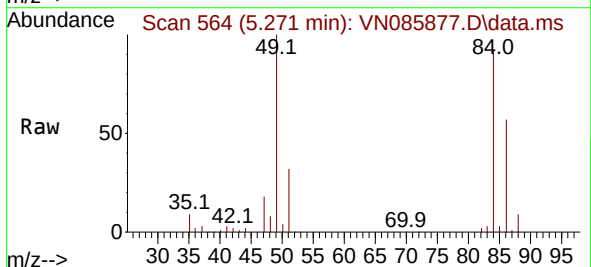
Manual Integrations
APPROVED

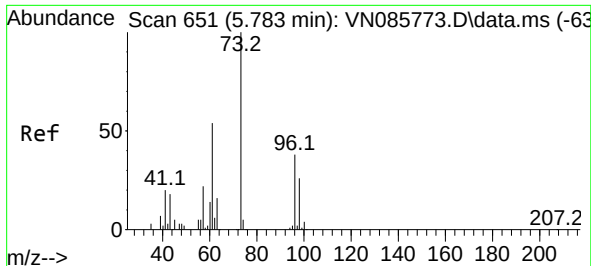
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#20
Methylene Chloride
Concen: 49.256 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

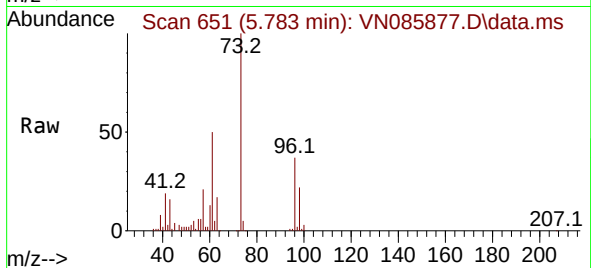
Tgt Ion: 84 Resp: 178935
Ion Ratio Lower Upper
84 100
49 109.3 88.4 132.6
51 34.8 26.6 40.0
86 62.4 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 44.794 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

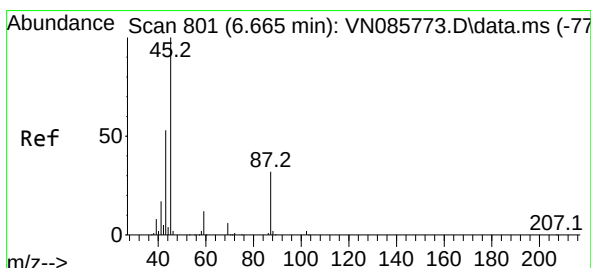
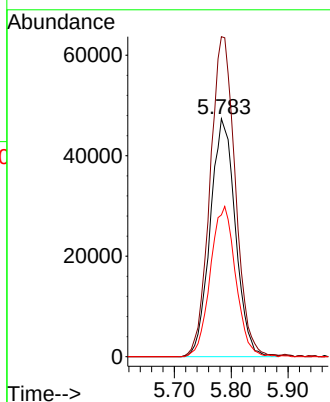
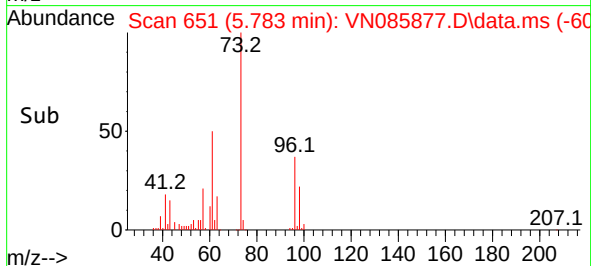
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MSD



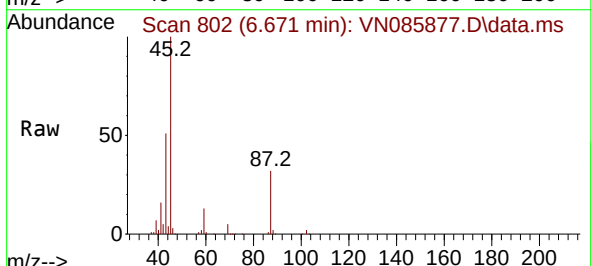
Tgt Ion: 96 Resp: 145652
Ion Ratio Lower Upper
96 100
61 134.5 112.6 168.8
98 59.5 53.3 79.9

Manual Integrations
APPROVED

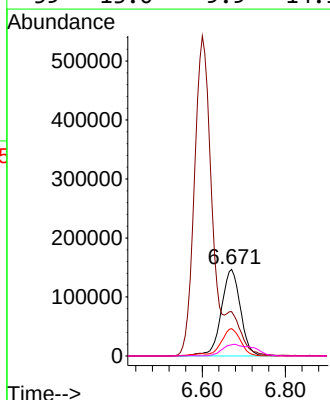
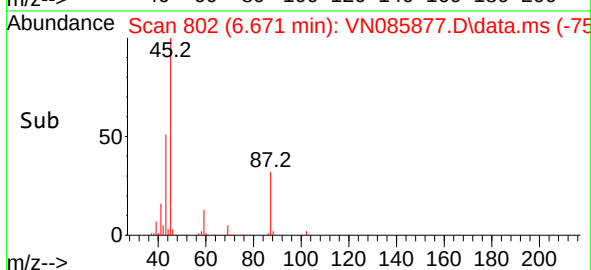
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

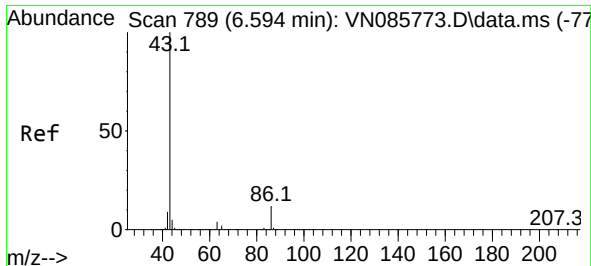


#22
Diisopropyl ether
Concen: 52.558 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33



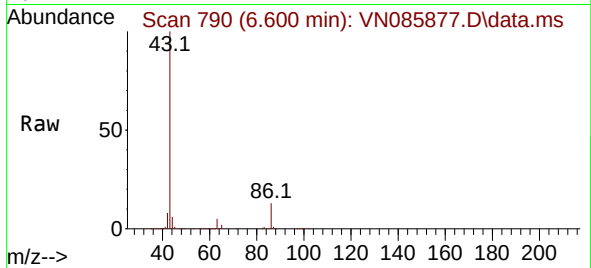
Tgt Ion: 45 Resp: 470855
Ion Ratio Lower Upper
45 100
43 50.5 42.6 64.0
87 31.6 25.8 38.8
59 13.0 9.9 14.9





#23
 Vinyl Acetate
 Concen: 251.132 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085877.D
 Acq: 26 Feb 2025 17:33

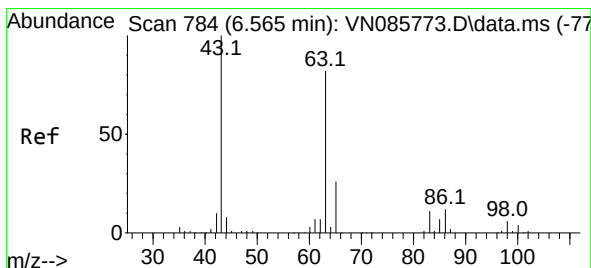
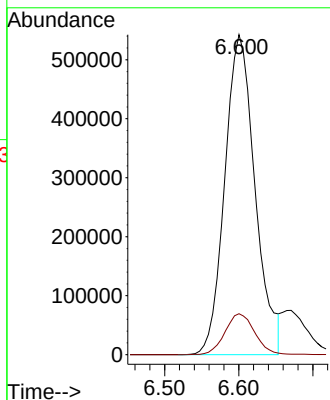
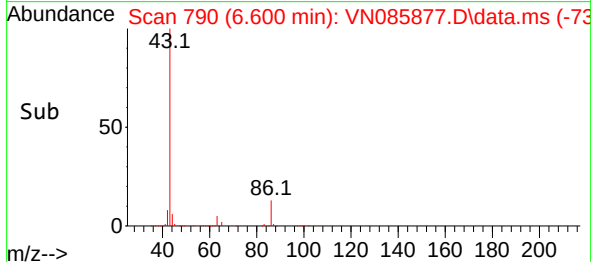
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-CLAY-CF01-01MSD



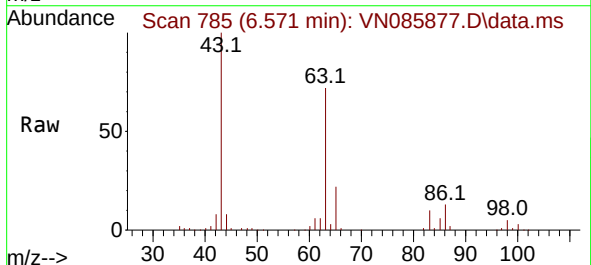
Tgt Ion: 43 Resp: 1540456
 Ion Ratio Lower Upper
 43 100
 86 12.8 9.8 14.8

Manual Integrations
 APPROVED

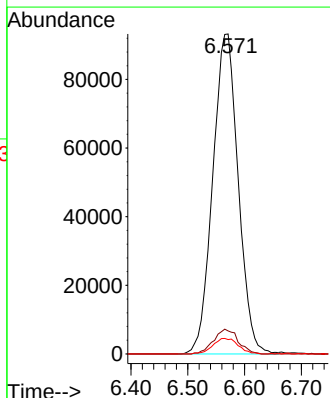
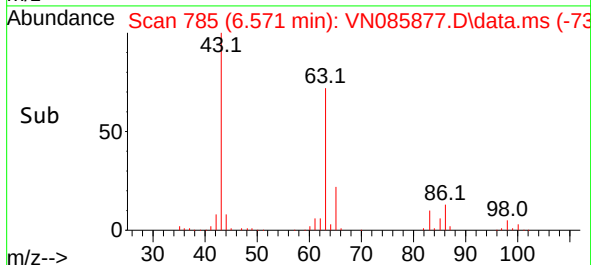
Reviewed By :John Carlone 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025

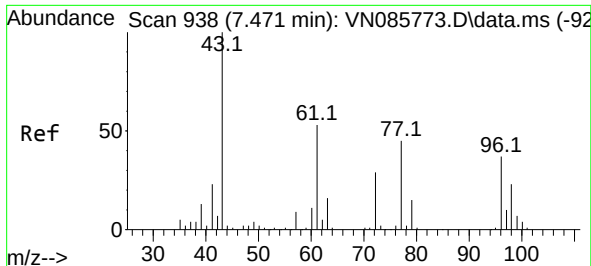


#24
 1,1-Dichloroethane
 Concen: 47.711 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN085877.D
 Acq: 26 Feb 2025 17:33



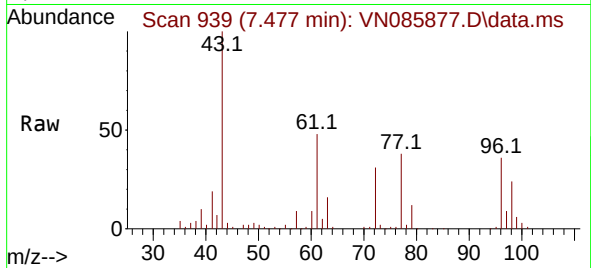
Tgt Ion: 63 Resp: 290560
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 4.5 2.4 7.2





#25
2-Butanone
Concen: 268.187 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

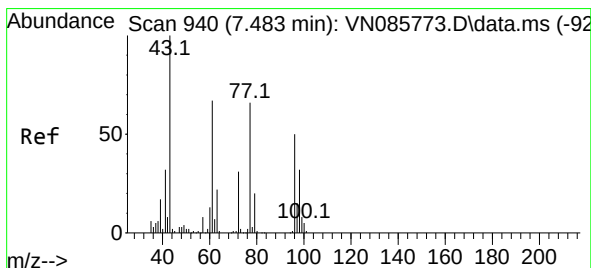
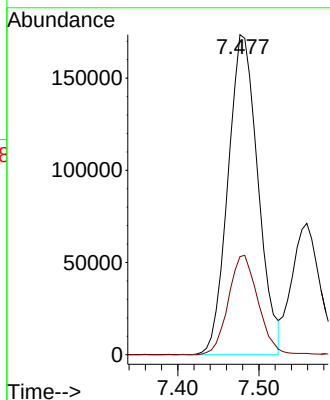
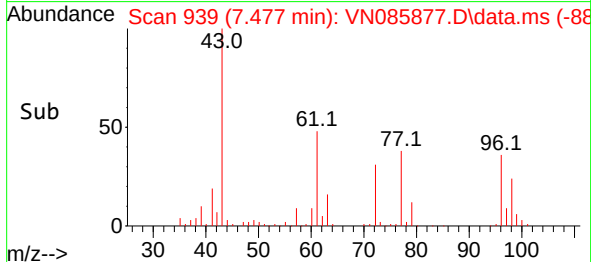
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MSD



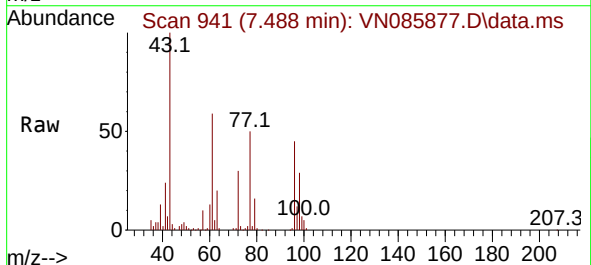
Tgt Ion: 43 Resp: 445690
Ion Ratio Lower Upper
43 100
72 30.7 23.6 35.4

Manual Integrations
APPROVED

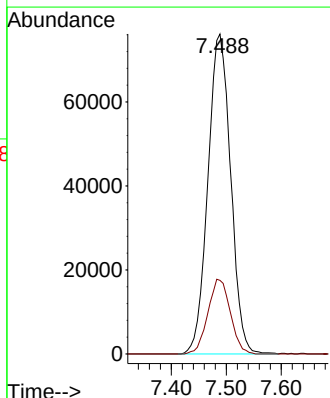
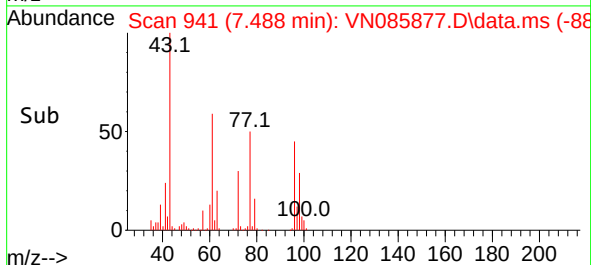
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

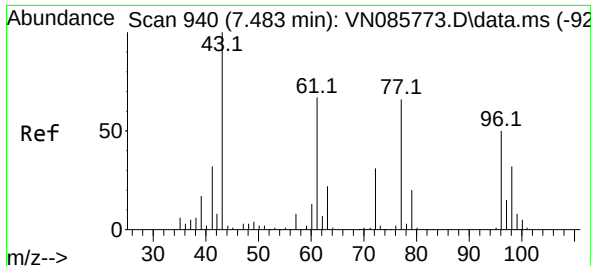


#26
2,2-Dichloropropane
Concen: 40.453 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33



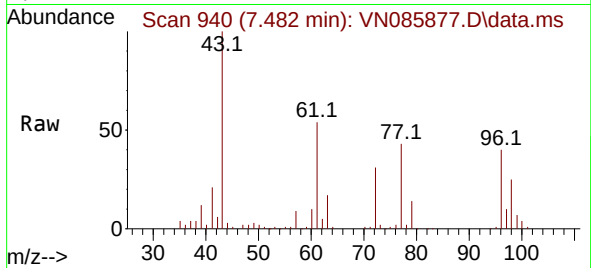
Tgt Ion: 77 Resp: 219066
Ion Ratio Lower Upper
77 100
97 23.0 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 48.231 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085877.D
 Acq: 26 Feb 2025 17:33

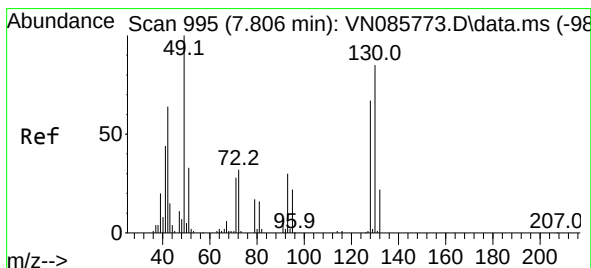
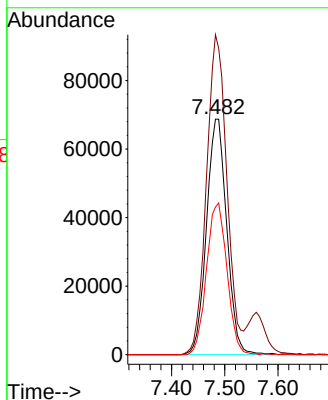
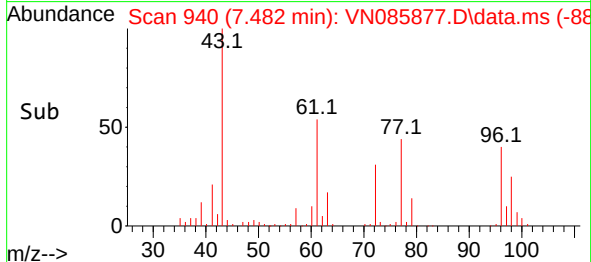
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-CLAY-CF01-01MSD



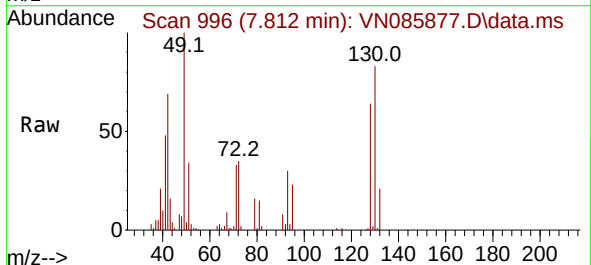
Tgt Ion: 96 Resp: 181839
 Ion Ratio Lower Upper
 96 100
 61 136.9 0.0 280.6
 98 65.0 0.0 128.6

Manual Integrations
 APPROVED

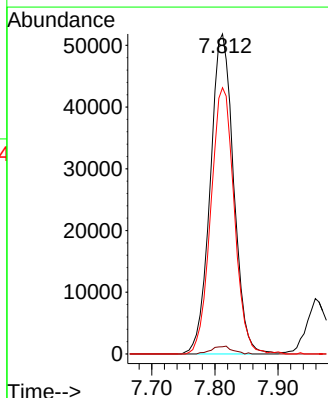
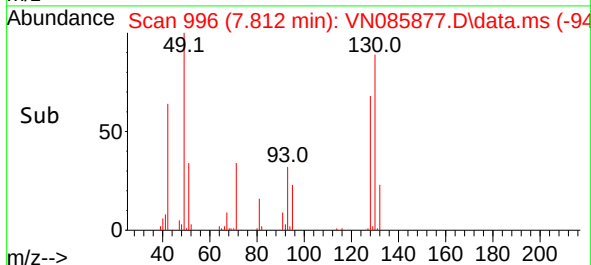
Reviewed By :John Carlone 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025

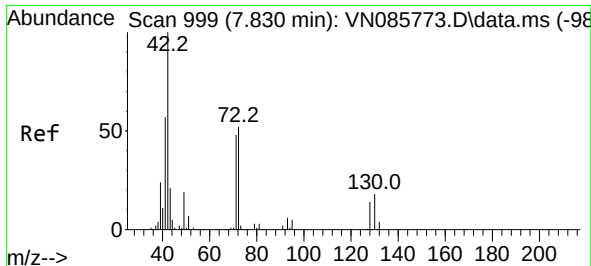


#28
 Bromochloromethane
 Concen: 53.311 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085877.D
 Acq: 26 Feb 2025 17:33



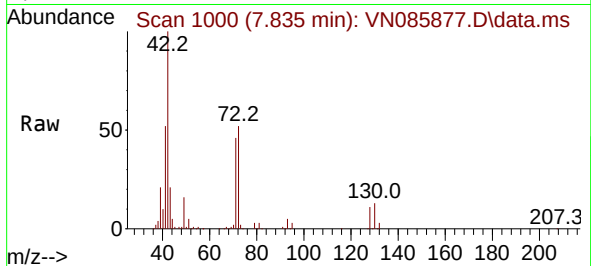
Tgt Ion: 49 Resp: 133442
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 83.3 68.0 102.0





#29
Tetrahydrofuran
Concen: 274.573 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

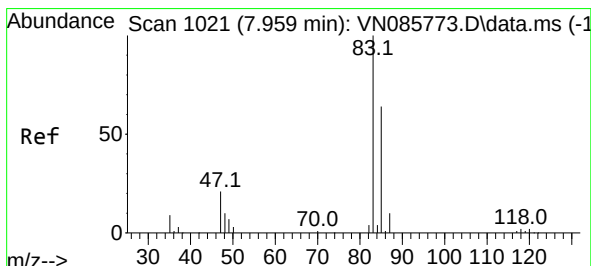
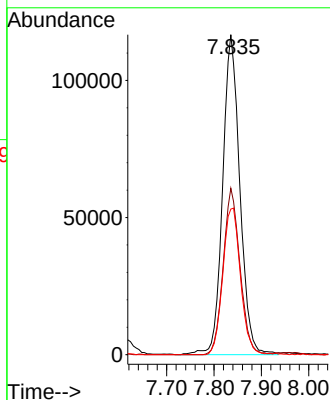
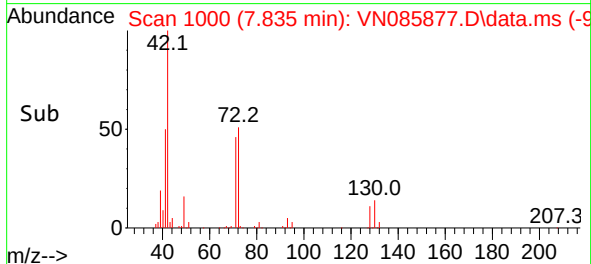
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MSD



Tgt Ion: 42 Resp: 294659
Ion Ratio Lower Upper
42 100
72 50.7 40.0 60.0
71 47.1 37.0 55.4

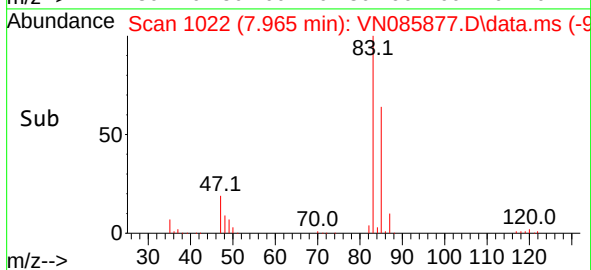
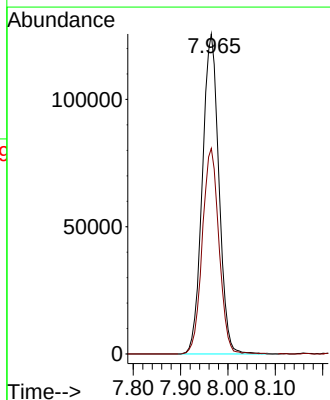
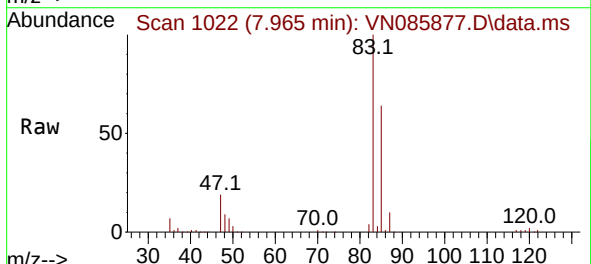
Manual Integrations
APPROVED

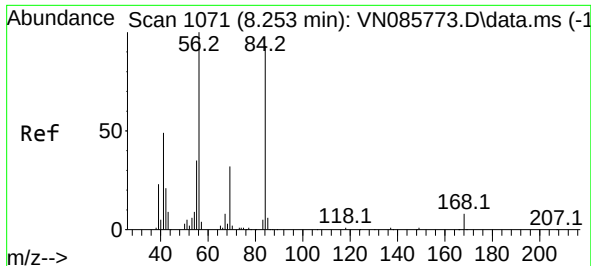
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#30
Chloroform
Concen: 47.966 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

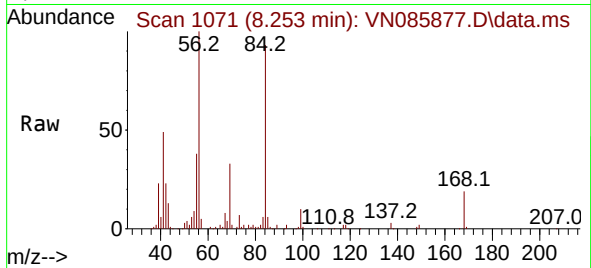
Tgt Ion: 83 Resp: 305269
Ion Ratio Lower Upper
83 100
85 64.2 50.9 76.3





#31
Cyclohexane
Concen: 40.329 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

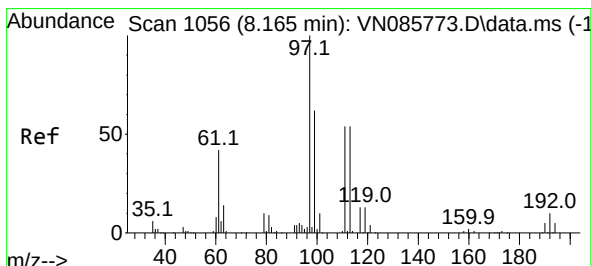
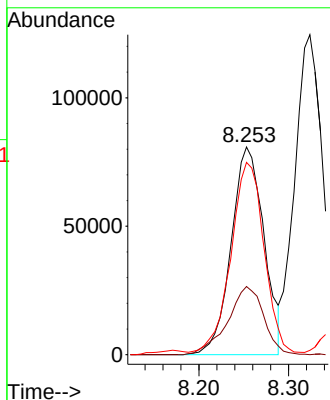
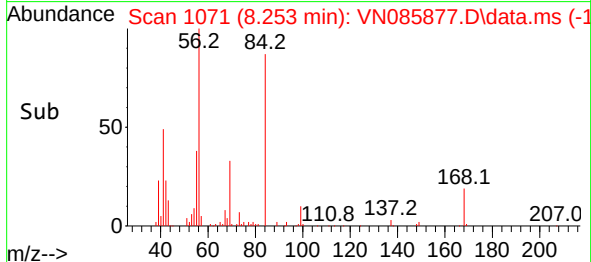
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MSD



Tgt Ion: 56 Resp: 20564
Ion Ratio Lower Upper
56 100
69 32.8 25.8 38.6
84 90.8 74.5 111.7

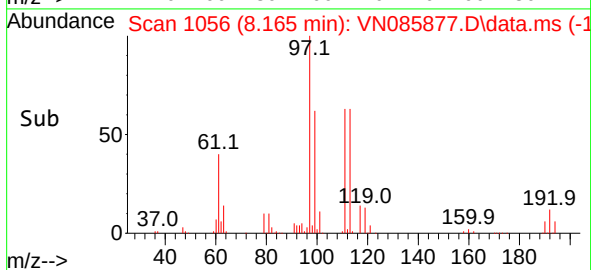
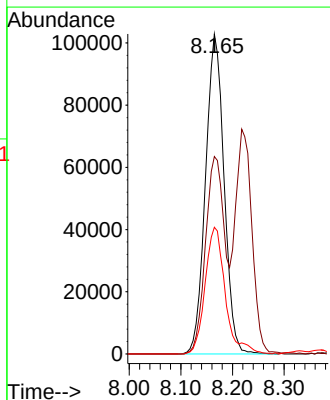
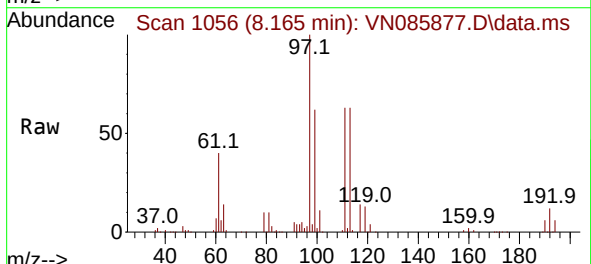
Manual Integrations
APPROVED

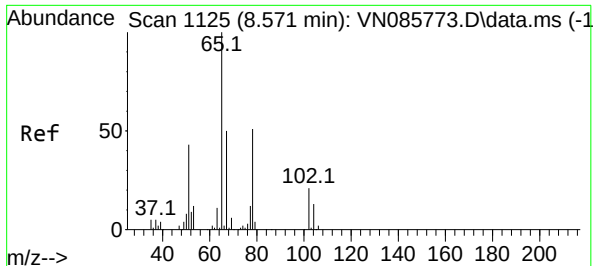
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#32
1,1,1-Trichloroethane
Concen: 45.265 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

Tgt Ion: 97 Resp: 256231
Ion Ratio Lower Upper
97 100
99 64.0 50.4 75.6
61 43.0 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 47.789 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085877.D

Acq: 26 Feb 2025 17:33

Instrument :

MSVOA_N

ClientSampleId :

P001-CLAY-CF01-01MSD

Tgt Ion: 65 Resp: 170610

Ion Ratio Lower Upper

65 100

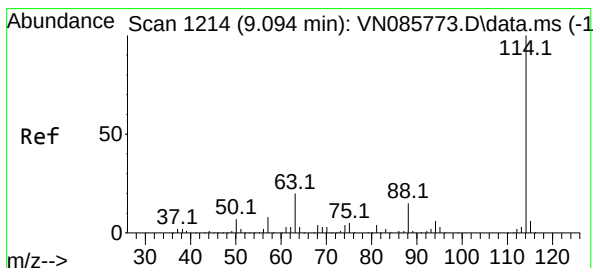
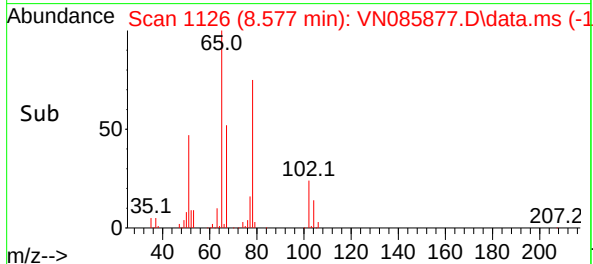
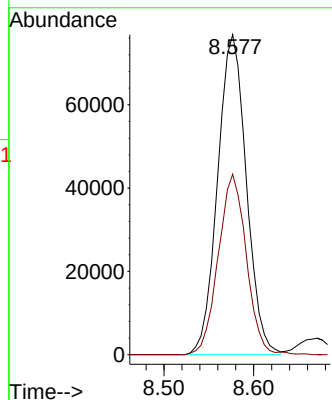
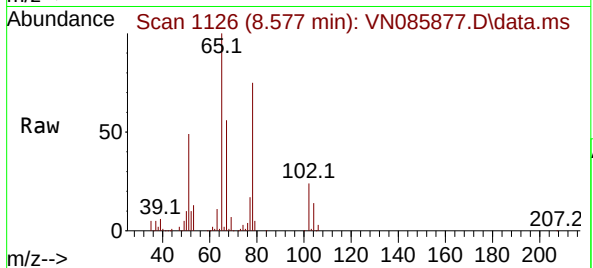
67 55.2 0.0 106.2

Manual Integrations

APPROVED

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: VN085877.D

Acq: 26 Feb 2025 17:33

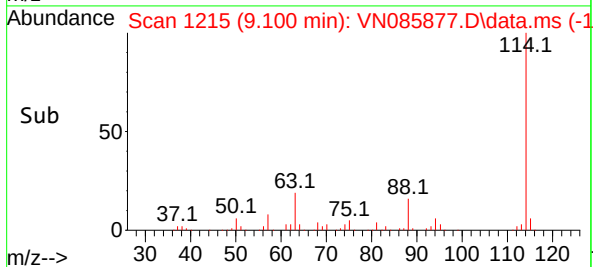
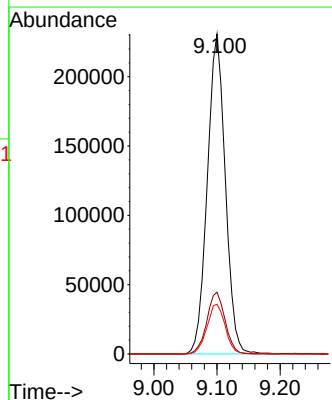
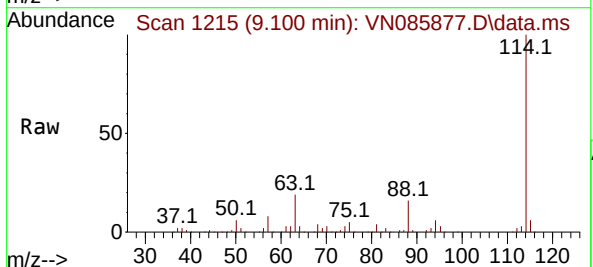
Tgt Ion:114 Resp: 457023

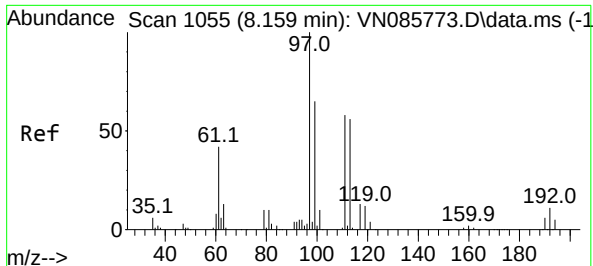
Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.2

88 15.6 0.0 30.0





#35

Dibromofluoromethane

Concen: 51.399 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085877.D

Acq: 26 Feb 2025 17:33

Instrument :

MSVOA_N

ClientSampleId :

P001-CLAY-CF01-01MSD

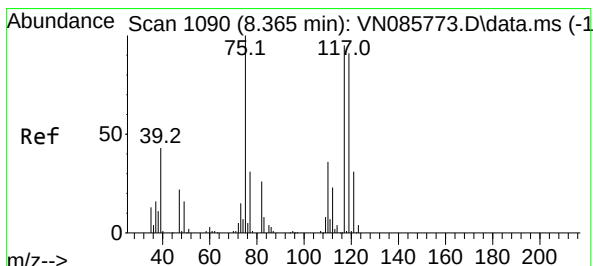
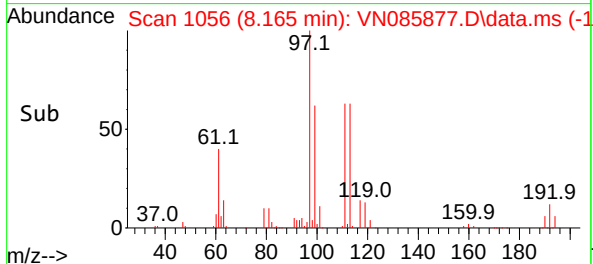
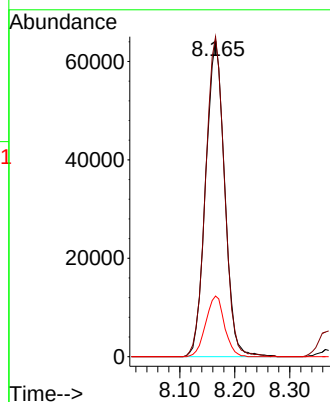
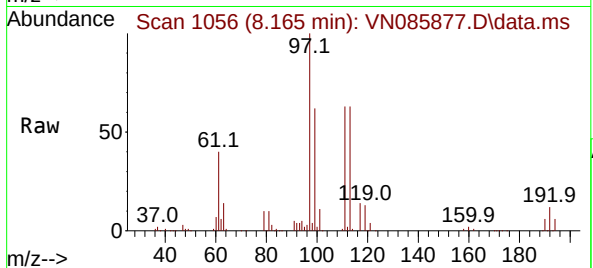
Tgt Ion:	113	Resp:	153710
Ion Ratio	Lower	Upper	
113	100		
111	100.7	82.2	123.4
192	18.9	14.7	22.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#36

1,1-Dichloropropene

Concen: 45.274 ug/l

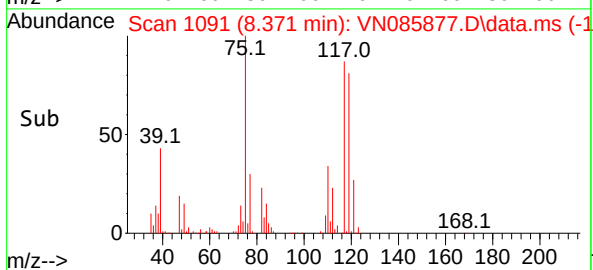
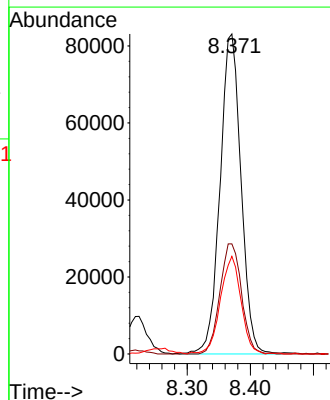
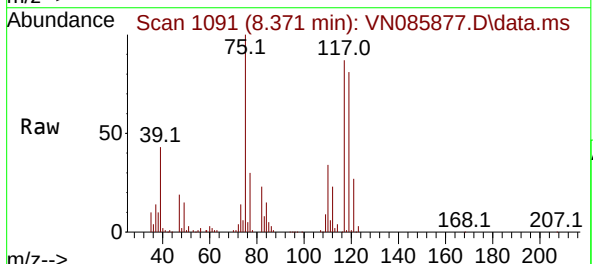
RT: 8.371 min Scan# 1091

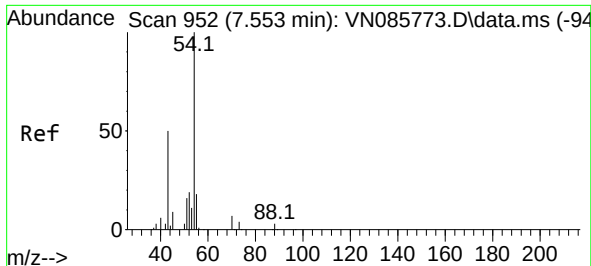
Delta R.T. 0.006 min

Lab File: VN085877.D

Acq: 26 Feb 2025 17:33

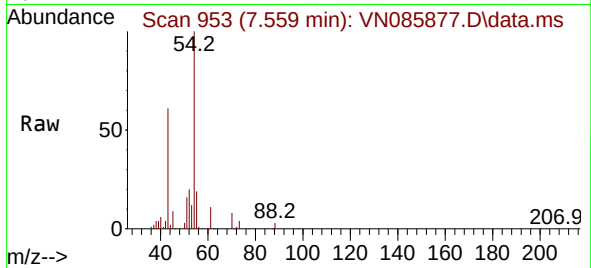
Tgt Ion:	75	Resp:	191621
Ion Ratio	Lower	Upper	
75	100		
110	35.5	17.3	52.0
77	29.9	24.6	37.0





#37
Ethyl Acetate
Concen: 51.049 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

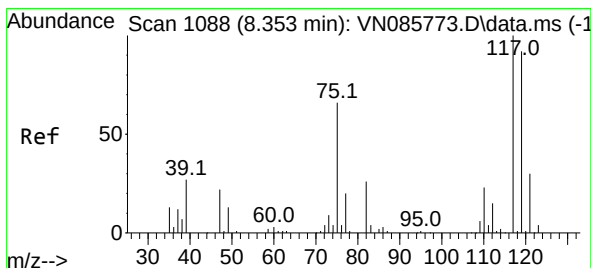
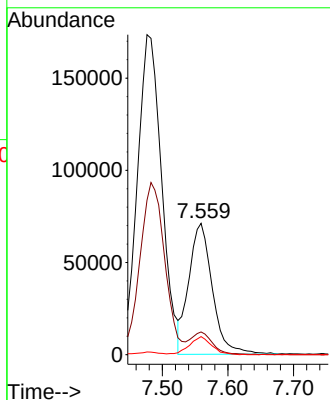
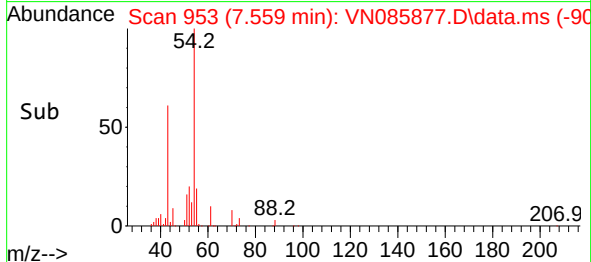
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MSD



Tgt Ion: 43 Resp: 17780
Ion Ratio Lower Upper
43 100
61 15.8 12.2 18.2
70 12.9 9.5 14.3

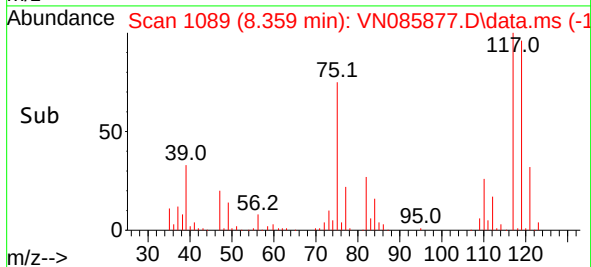
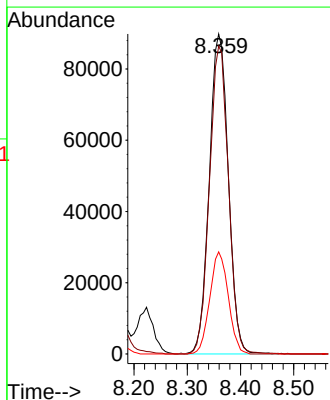
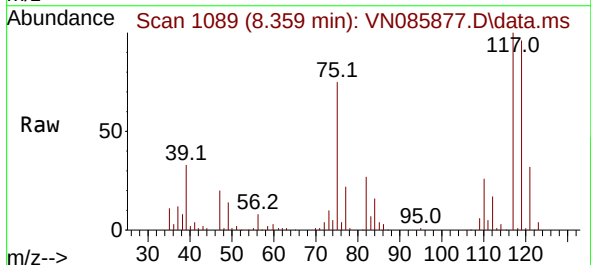
Manual Integrations
APPROVED

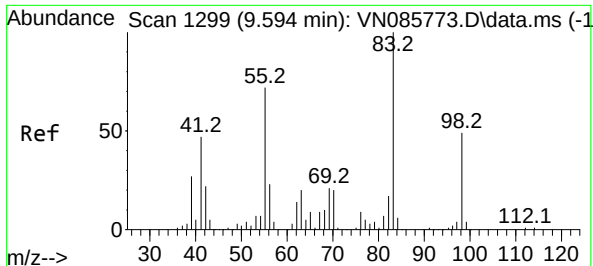
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#38
Carbon Tetrachloride
Concen: 44.402 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

Tgt Ion:117 Resp: 223297
Ion Ratio Lower Upper
117 100
119 96.2 73.8 110.6
121 31.9 24.3 36.5





#39

Methylcyclohexane

Concen: 44.772 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085877.D

Acq: 26 Feb 2025 17:33

Instrument :

MSVOA_N

ClientSampleId :

P001-CLAY-CF01-01MSD

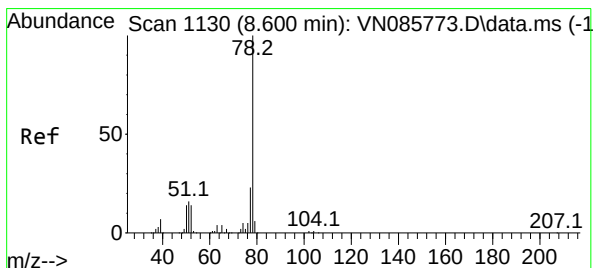
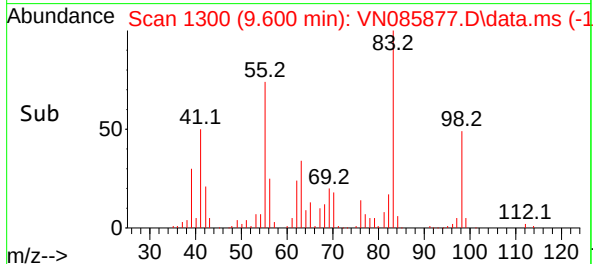
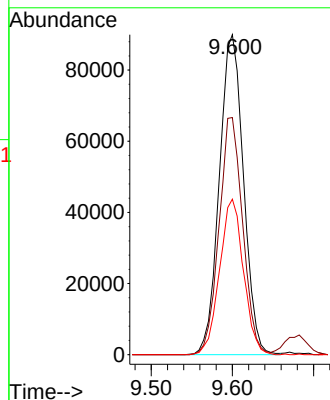
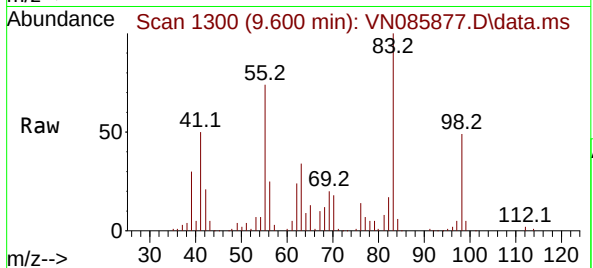
Tgt Ion: 83 Resp: 186159
 Ion Ratio Lower Upper
 83 100
 55 74.1 57.5 86.3
 98 48.6 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#40

Benzene

Concen: 47.709 ug/l

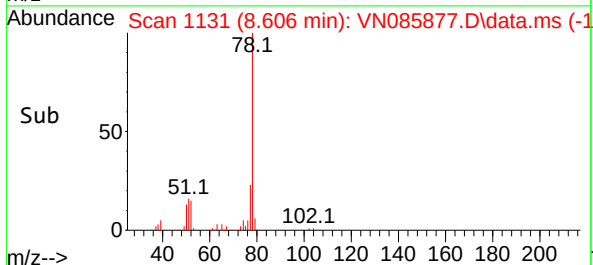
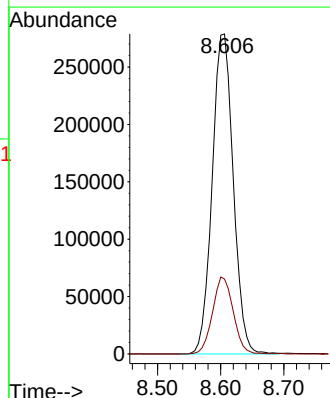
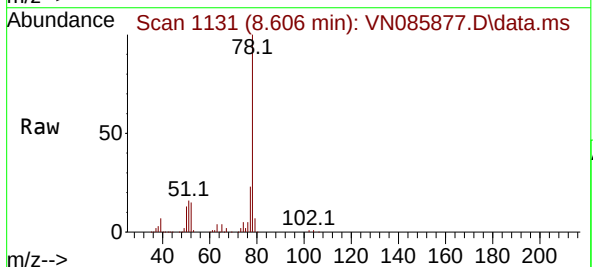
RT: 8.606 min Scan# 1131

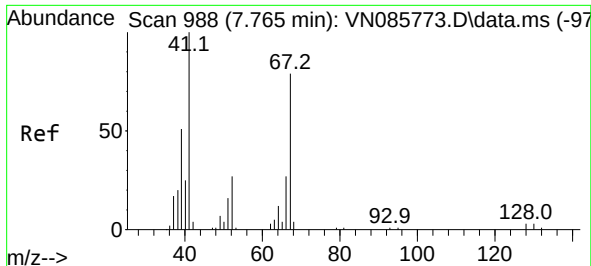
Delta R.T. 0.006 min

Lab File: VN085877.D

Acq: 26 Feb 2025 17:33

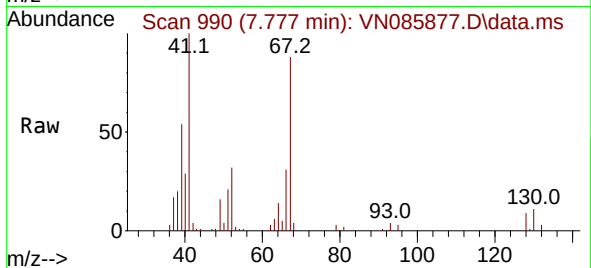
Tgt Ion: 78 Resp: 647177
 Ion Ratio Lower Upper
 78 100
 77 23.4 18.3 27.5





#41
Methacrylonitrile
Concen: 51.725 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

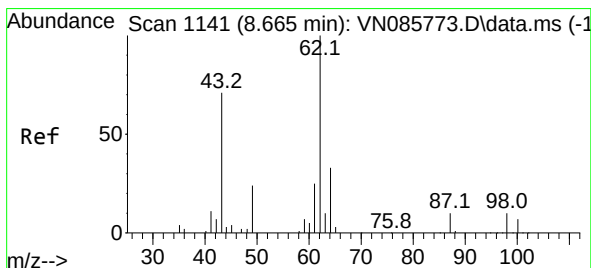
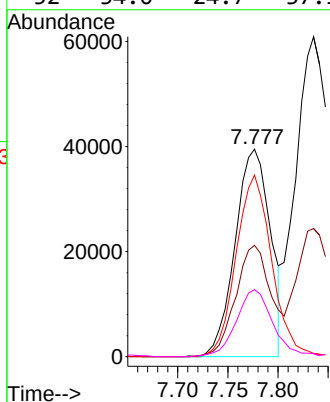
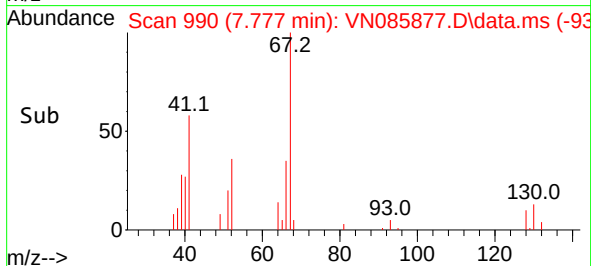
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MSD



Tgt Ion: 41 Resp: 96310
Ion Ratio Lower Upper
41 100
39 55.2 42.0 63.0
67 89.4 64.2 96.4
52 34.0 24.7 37.1

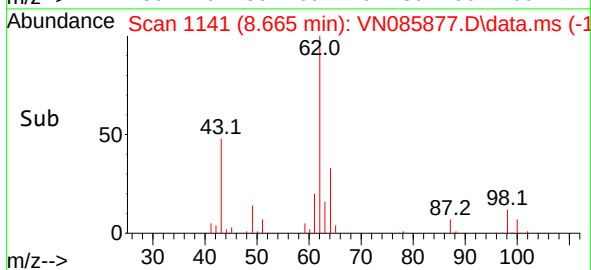
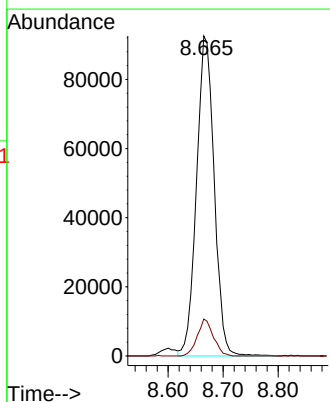
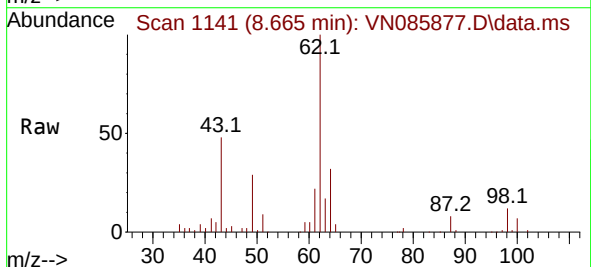
Manual Integrations
APPROVED

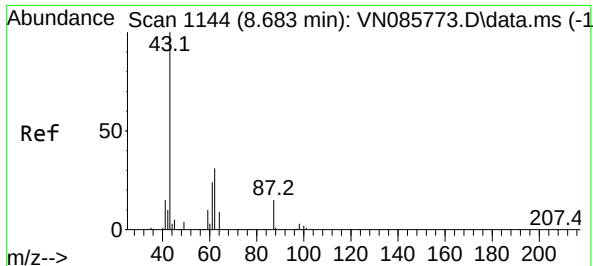
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#42
1,2-Dichloroethane
Concen: 46.842 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

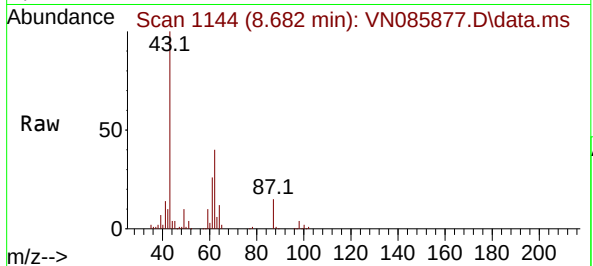
Tgt Ion: 62 Resp: 206974
Ion Ratio Lower Upper
62 100
98 10.5 0.0 19.6





#43
Isopropyl Acetate
Concen: 49.233 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

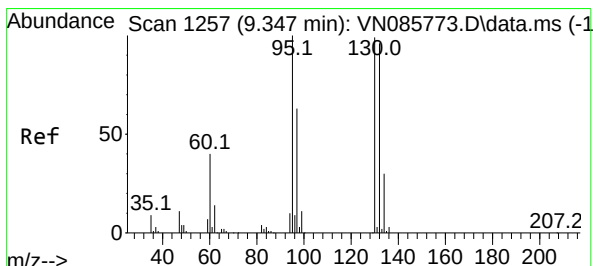
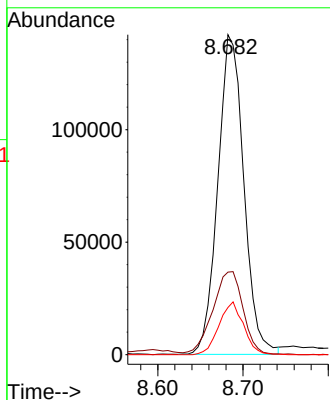
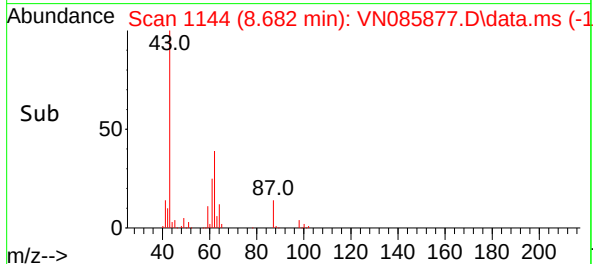
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MSD



Tgt Ion: 43 Resp: 300990
Ion Ratio Lower Upper
43 100
61 30.5 22.6 34.0
87 15.6 11.8 17.8

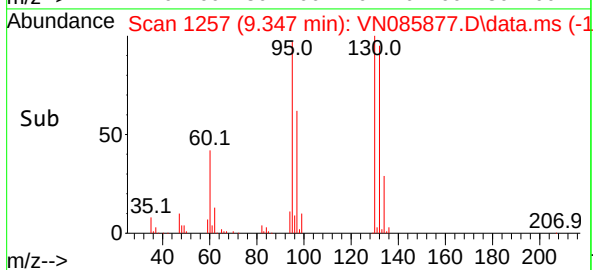
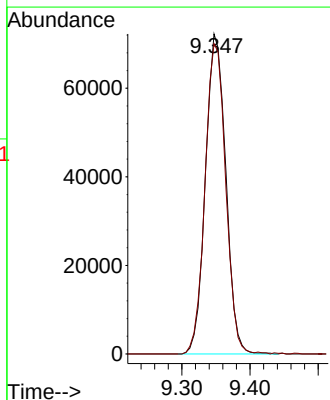
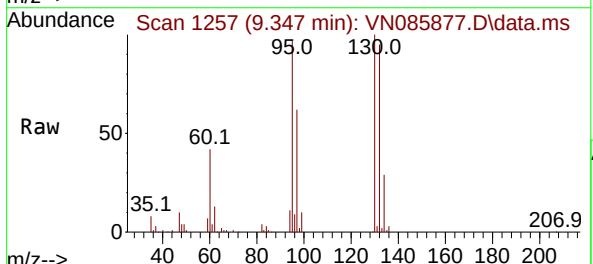
Manual Integrations
APPROVED

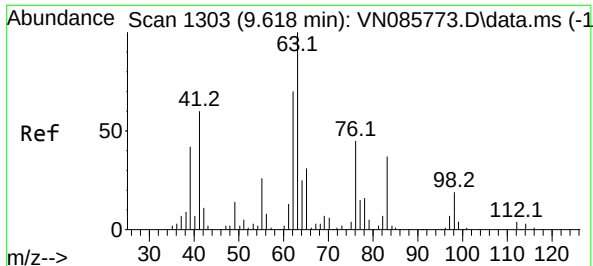
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#44
Trichloroethene
Concen: 45.062 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

Tgt Ion:130 Resp: 150087
Ion Ratio Lower Upper
130 100
95 97.0 0.0 202.6





#45

1,2-Dichloropropane

Concen: 49.925 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085877.D

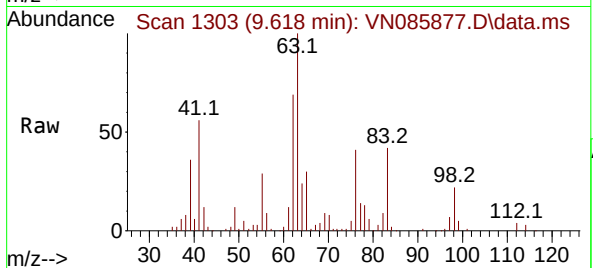
Acq: 26 Feb 2025 17:33

Instrument :

MSVOA_N

ClientSampleId :

P001-CLAY-CF01-01MSD



Tgt Ion: 63 Resp: 16347

Ion Ratio Lower Upper

63 100

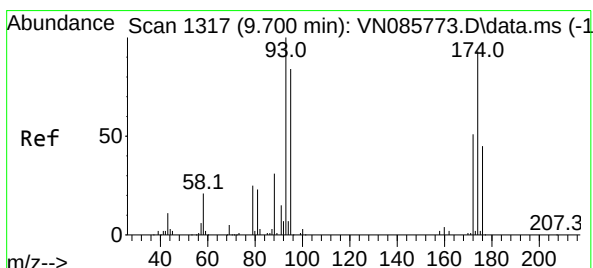
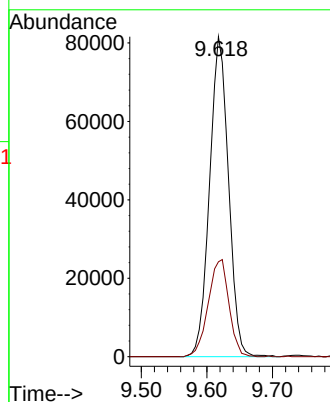
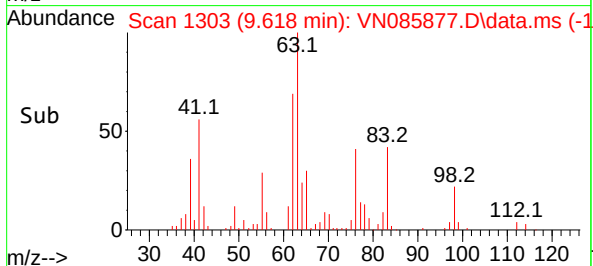
65 29.7 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#46

Dibromomethane

Concen: 49.274 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085877.D

Acq: 26 Feb 2025 17:33

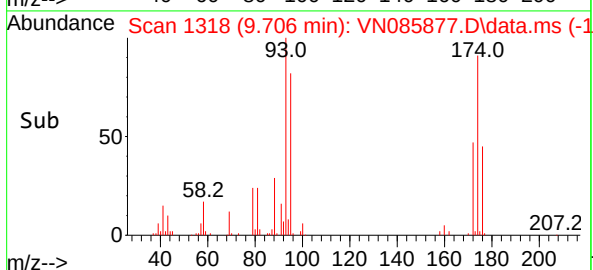
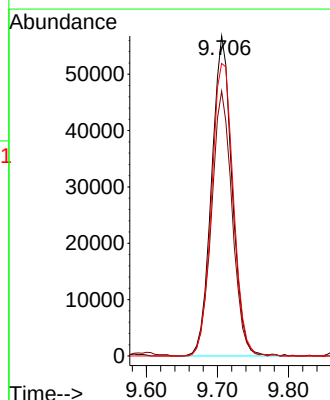
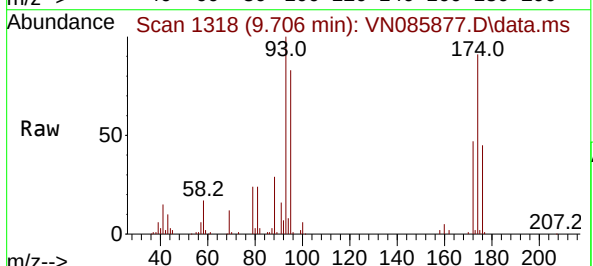
Tgt Ion: 93 Resp: 113805

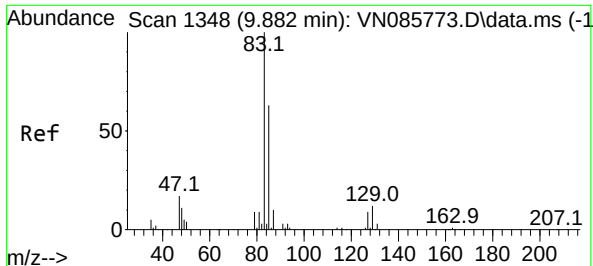
Ion Ratio Lower Upper

93 100

95 83.2 66.7 100.1

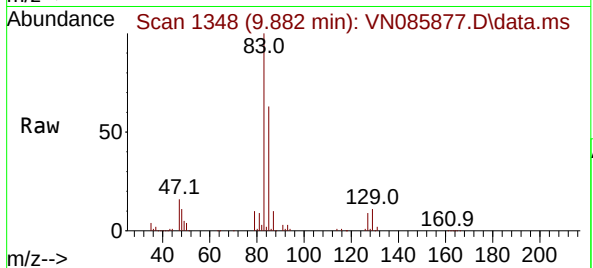
174 97.1 77.2 115.8





#47
Bromodichloromethane
Concen: 48.731 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

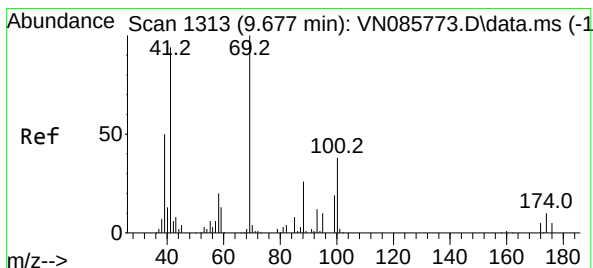
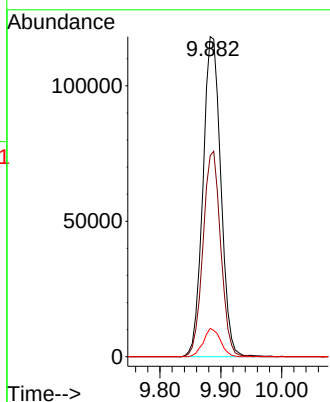
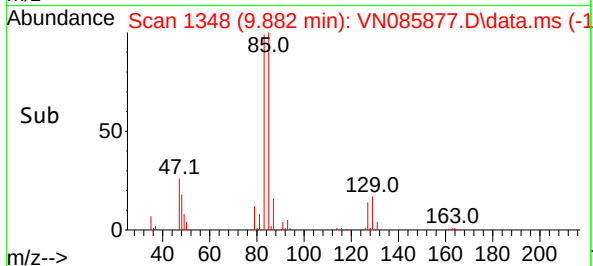
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MSD



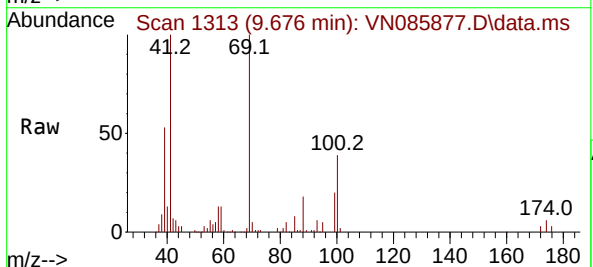
Tgt Ion: 83 Resp: 24079
Ion Ratio Lower Upper
83 100
85 62.8 50.5 75.7
127 8.9 7.2 10.8

Manual Integrations
APPROVED

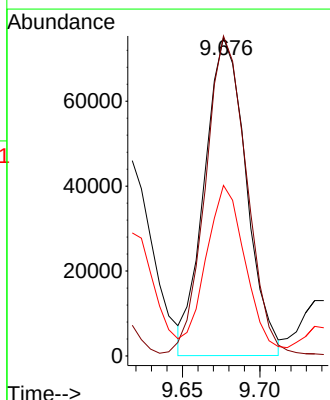
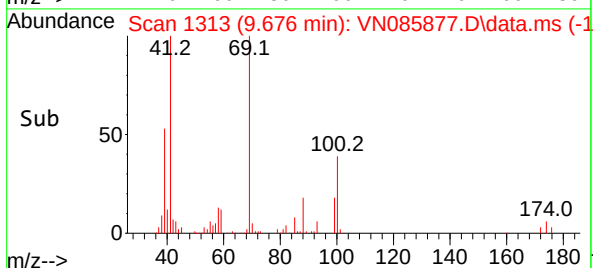
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

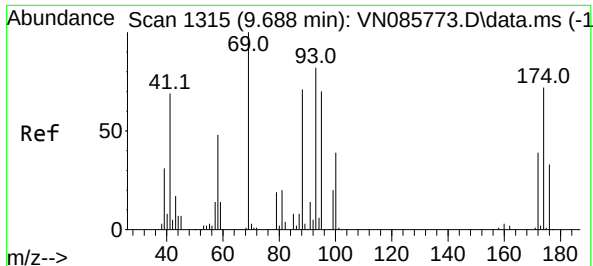


#48
Methyl methacrylate
Concen: 54.118 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33



Tgt Ion: 41 Resp: 139987
Ion Ratio Lower Upper
41 100
69 100.0 76.0 114.0
39 52.1 42.3 63.5





#49

1,4-Dioxane

Concen: 1146.587 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085877.D

Acq: 26 Feb 2025 17:33

Instrument :

MSVOA_N

ClientSampleId :

P001-CLAY-CF01-01MSD

Tgt Ion: 88 Resp: 56400

Ion Ratio Lower Upper

88 100

43 22.3 18.6 27.8

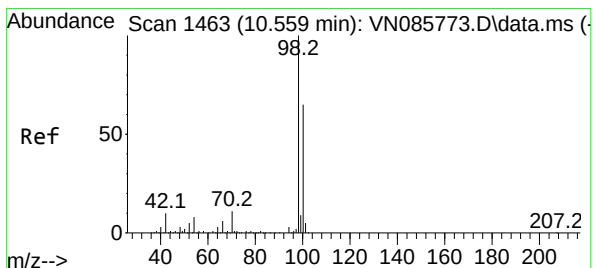
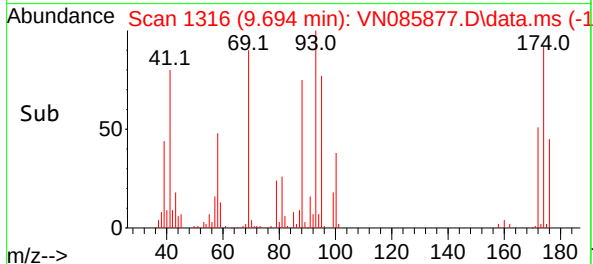
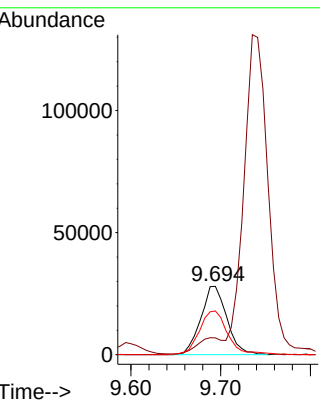
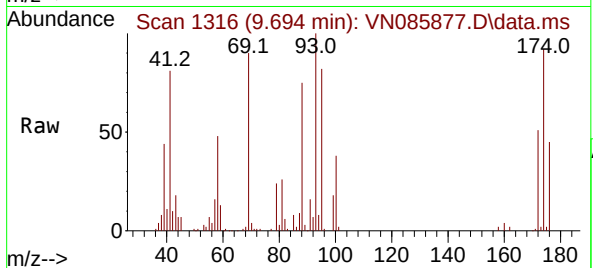
58 69.9 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#50

Toluene-d8

Concen: 50.471 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085877.D

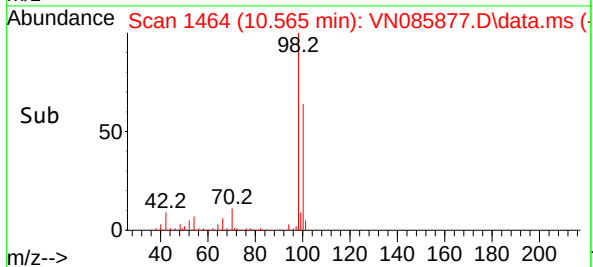
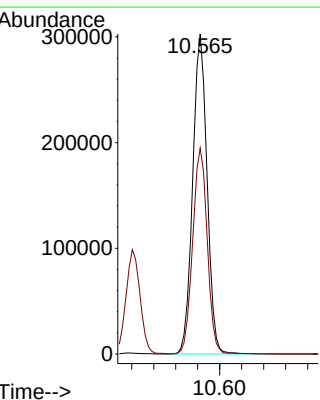
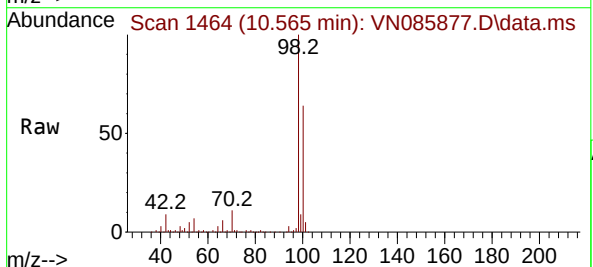
Acq: 26 Feb 2025 17:33

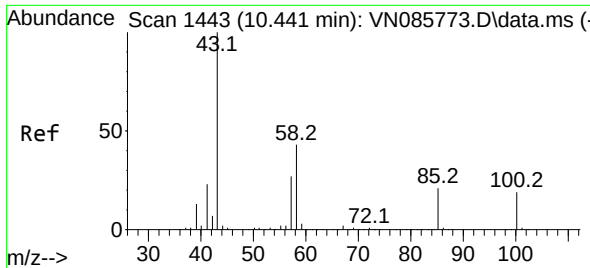
Tgt Ion: 98 Resp: 549151

Ion Ratio Lower Upper

98 100

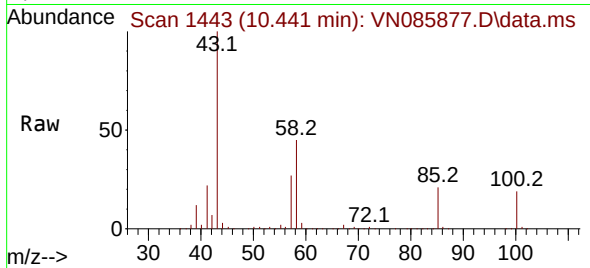
100 65.3 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 276.038 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

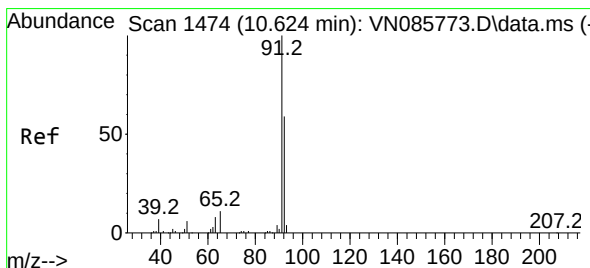
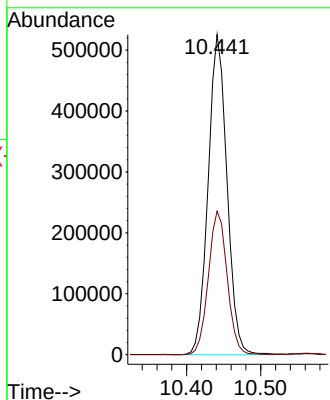
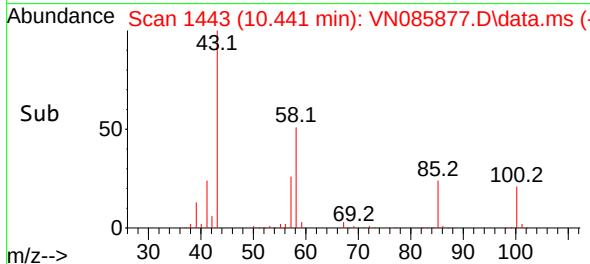
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MSD



Tgt Ion: 43 Resp: 92696
Ion Ratio Lower Upper
43 100
58 44.8 34.6 52.0

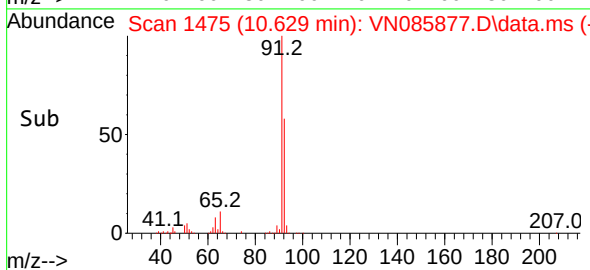
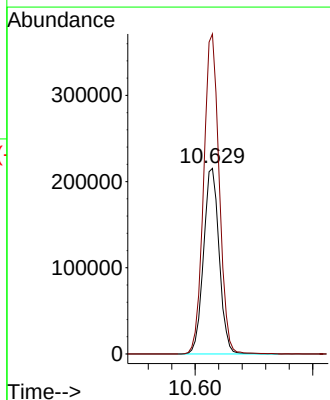
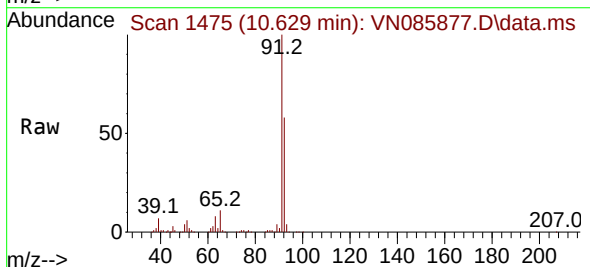
Manual Integrations
APPROVED

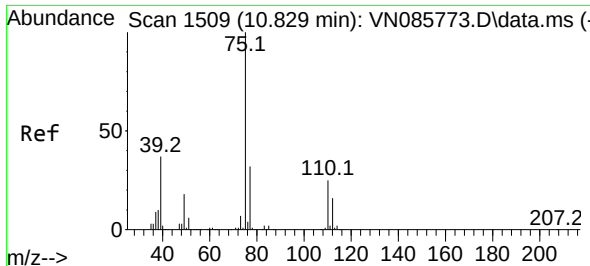
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#52
Toluene
Concen: 50.070 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

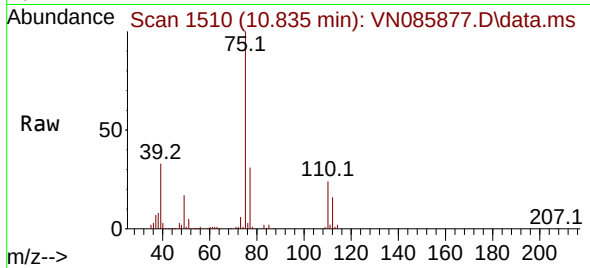
Tgt Ion: 92 Resp: 398144
Ion Ratio Lower Upper
92 100
91 171.6 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 51.865 ug/l
RT: 10.835 min Scan# 110
Delta R.T. 0.006 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

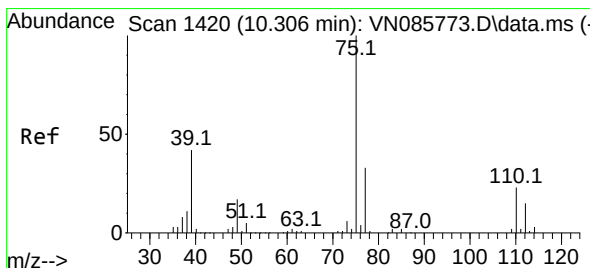
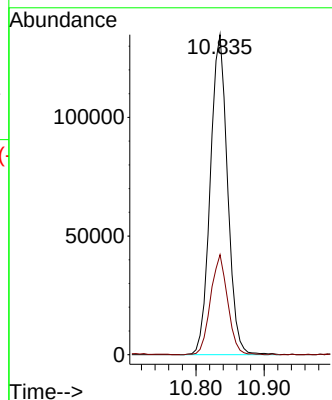
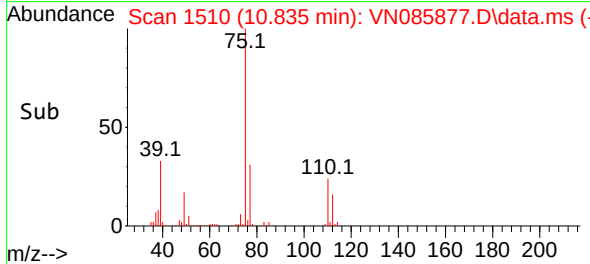
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MSD



Tgt Ion: 75 Resp: 23698
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0

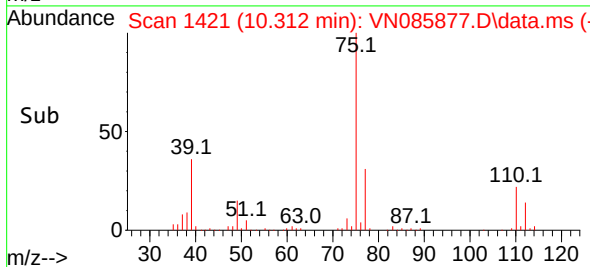
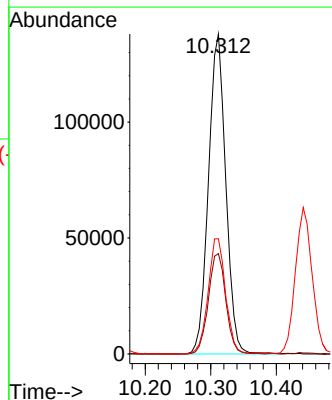
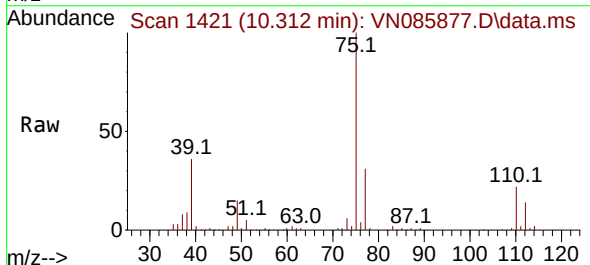
Manual Integrations
APPROVED

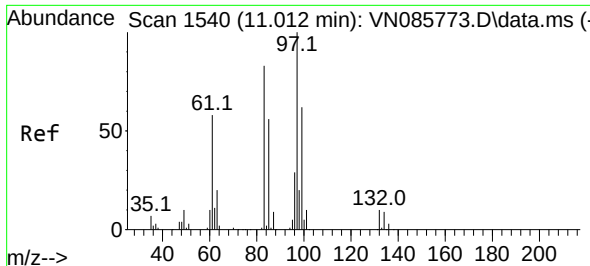
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#54
cis-1,3-Dichloropropene
Concen: 50.500 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

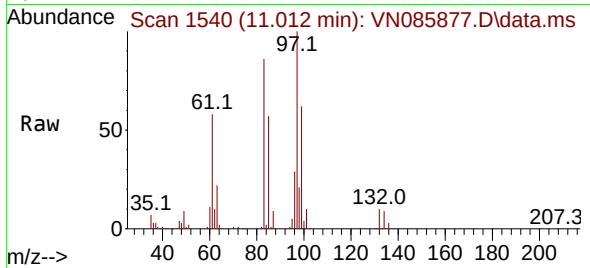
Tgt Ion: 75 Resp: 253027
Ion Ratio Lower Upper
75 100
77 31.4 26.1 39.1
39 36.0 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 50.791 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

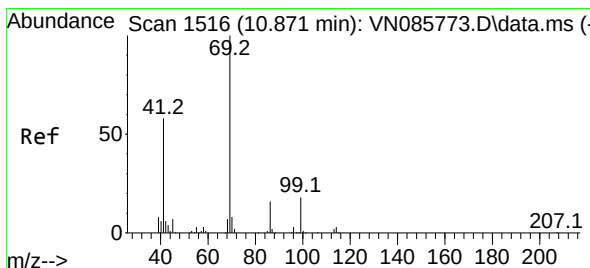
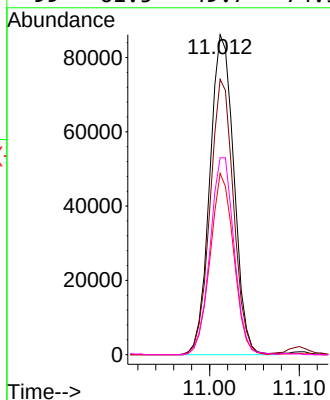
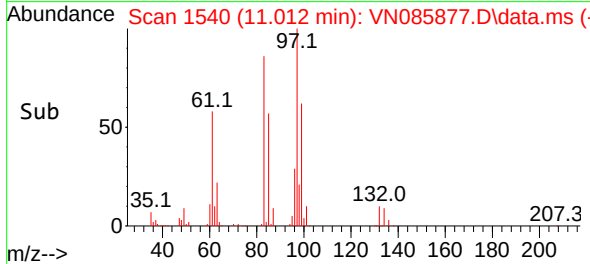
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MSD



Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.0	66.1	99.1
85	56.6	44.7	67.1
99	61.5	49.7	74.5

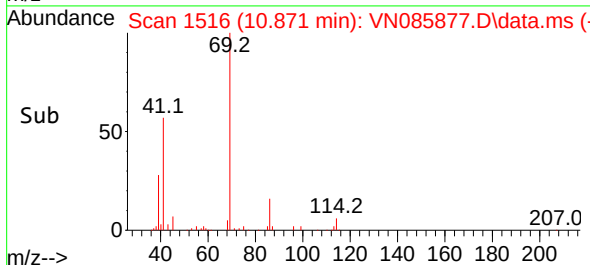
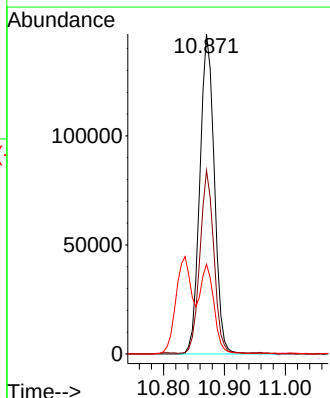
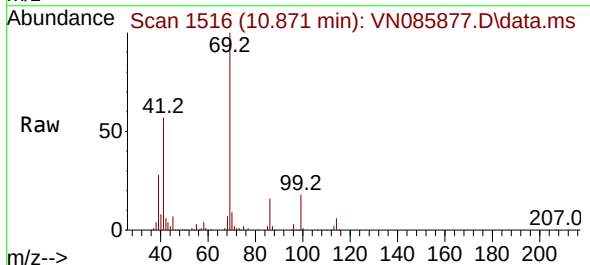
Manual Integrations
APPROVED

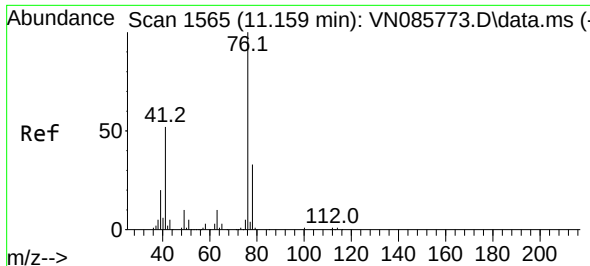
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#56
Ethyl methacrylate
Concen: 52.985 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

Tgt Ion	Ratio	Lower	Upper
69	100		
41	55.0	46.0	69.0
39	26.4	22.0	33.0





#57

1,3-Dichloropropane

Concen: 51.543 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN085877.D

Acq: 26 Feb 2025 17:33

Instrument :

MSVOA_N

ClientSampleId :

P001-CLAY-CF01-01MSD

Tgt Ion: 76 Resp: 272020

Ion Ratio Lower Upper

76 100

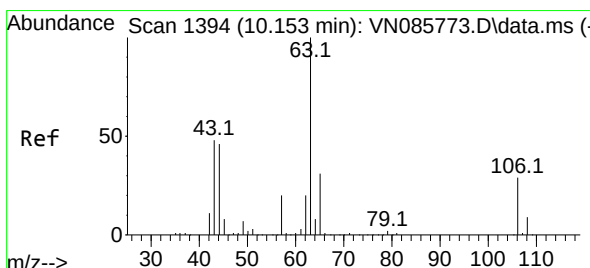
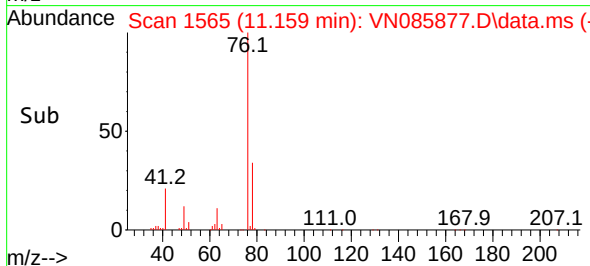
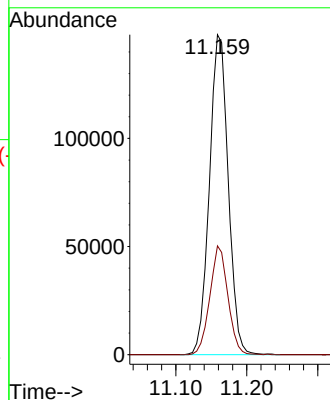
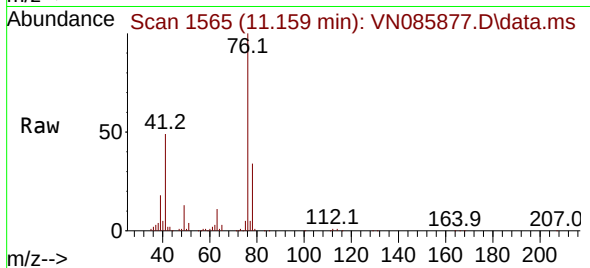
78 32.6 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#58

2-Chloroethyl Vinyl ether

Concen: 286.849 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.006 min

Lab File: VN085877.D

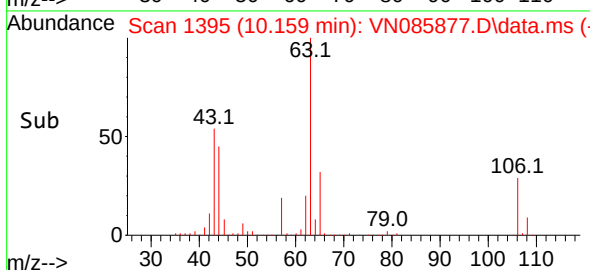
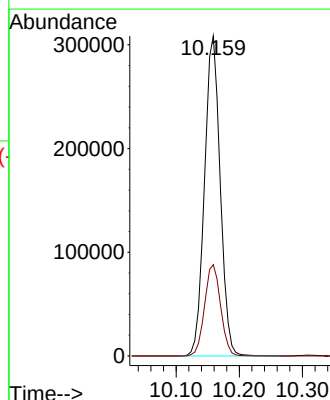
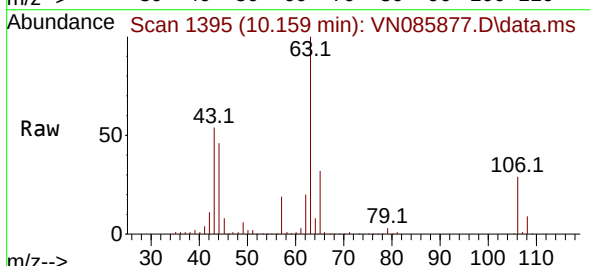
Acq: 26 Feb 2025 17:33

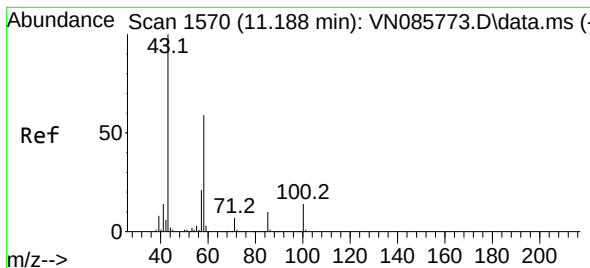
Tgt Ion: 63 Resp: 533138

Ion Ratio Lower Upper

63 100

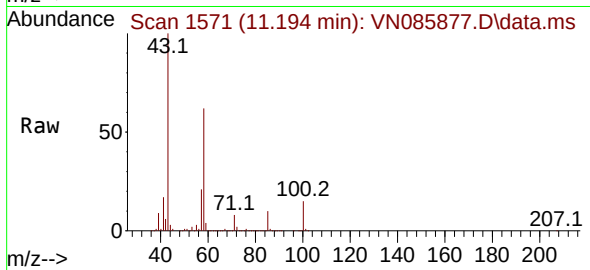
106 29.1 22.7 34.1





#59
2-Hexanone
Concen: 293.330 ug/l
RT: 11.194 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

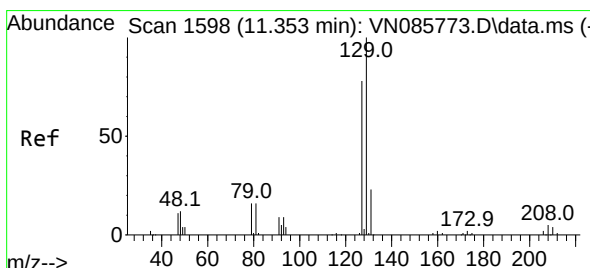
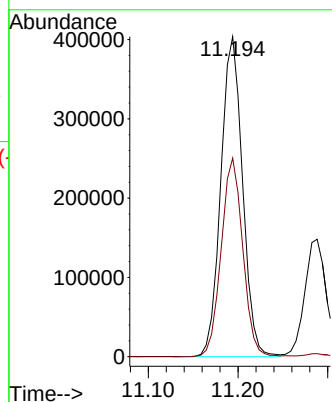
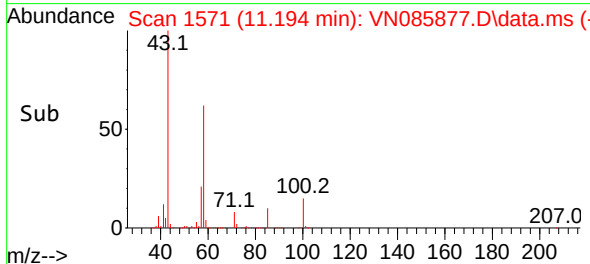
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MSD



Tgt Ion: 43 Resp: 677650
Ion Ratio Lower Upper
43 100
58 61.6 29.8 89.5

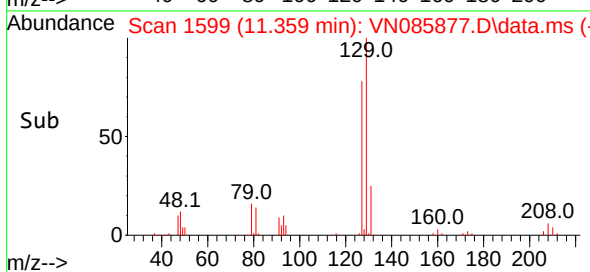
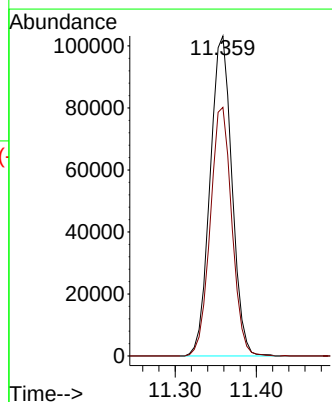
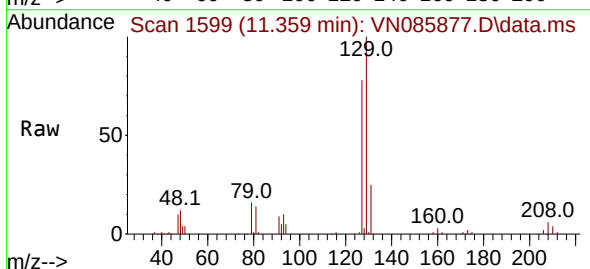
Manual Integrations
APPROVED

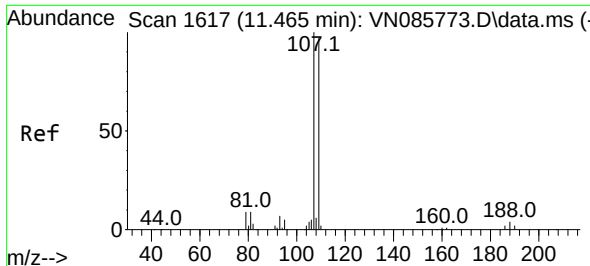
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#60
Dibromochloromethane
Concen: 52.409 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

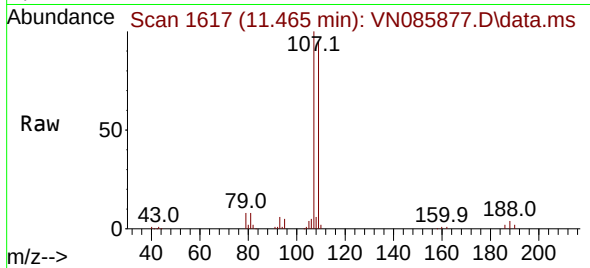
Tgt Ion:129 Resp: 192939
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.5





#61
1,2-Dibromoethane
Concen: 52.022 ug/l
RT: 11.465 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

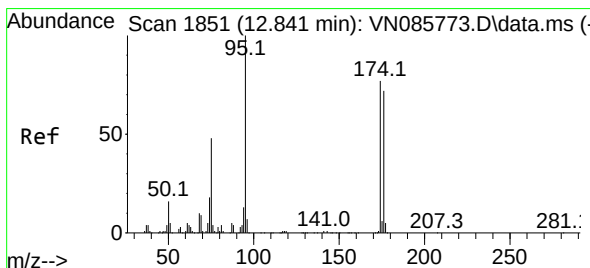
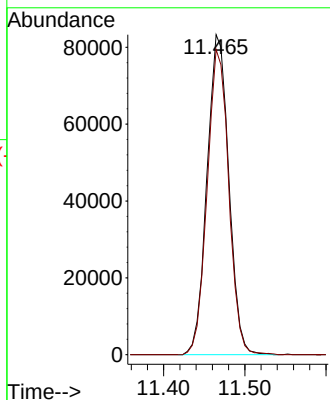
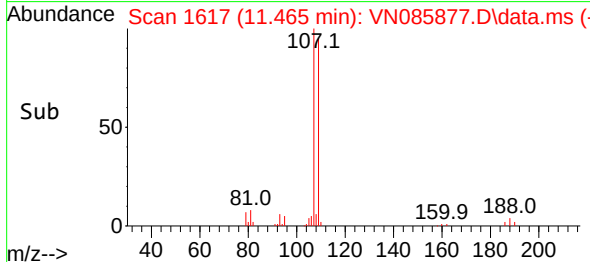
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MSD



Tgt Ion:107 Resp: 155400
Ion Ratio Lower Upper
107 100
109 94.2 76.0 114.0

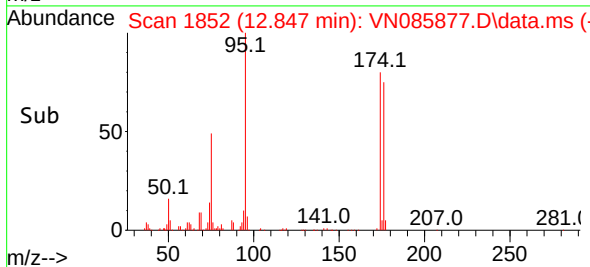
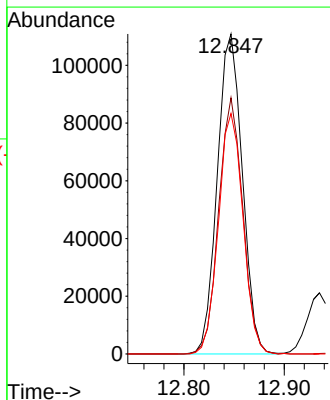
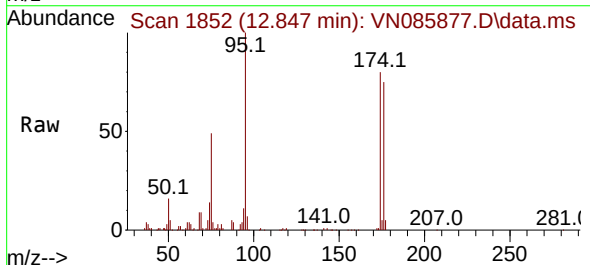
Manual Integrations
APPROVED

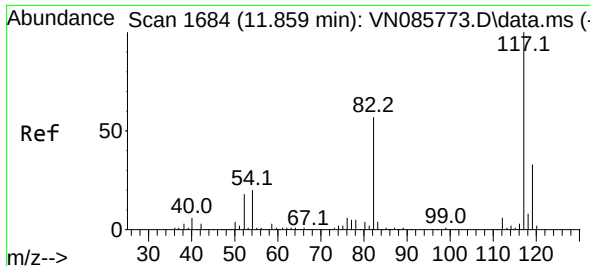
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#62
4-Bromofluorobenzene
Concen: 53.689 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

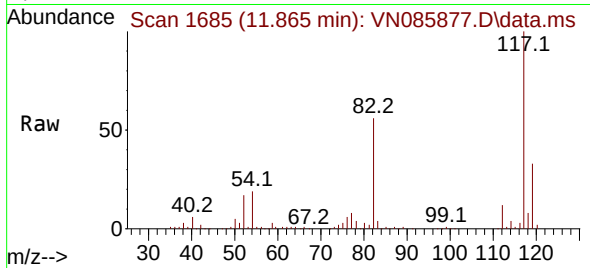
Tgt Ion: 95 Resp: 192469
Ion Ratio Lower Upper
95 100
174 76.9 0.0 152.4
176 73.9 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

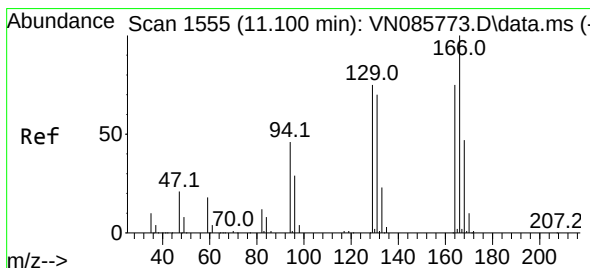
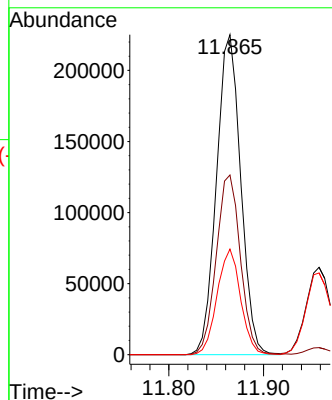
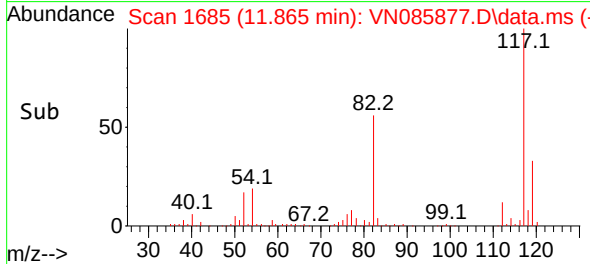
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MSD



Tgt Ion:117 Resp: 400922
Ion Ratio Lower Upper
117 100
82 56.1 45.7 68.5
119 33.0 26.2 39.2

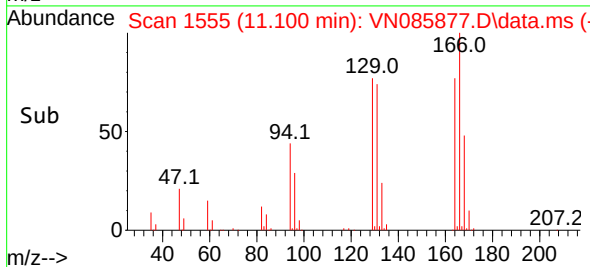
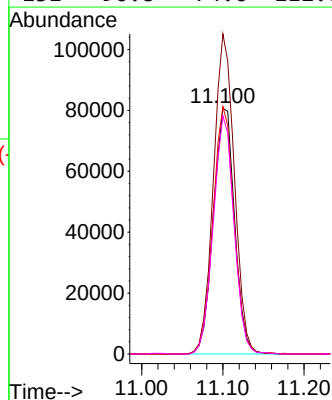
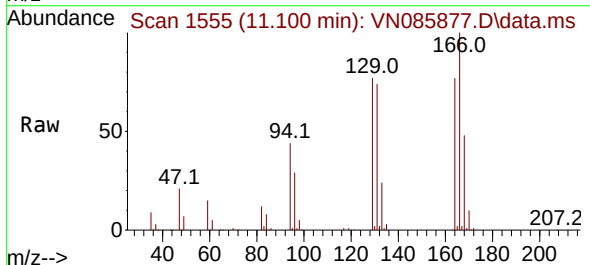
Manual Integrations
APPROVED

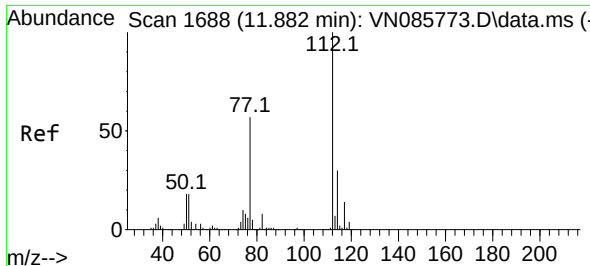
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#64
Tetrachloroethene
Concen: 47.442 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

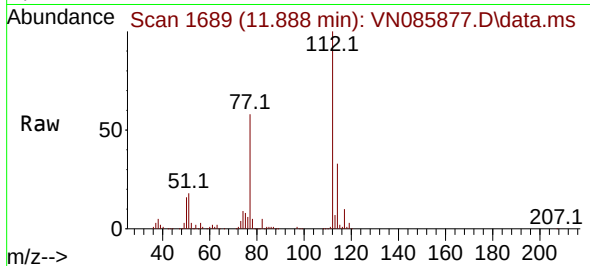
Tgt Ion:164 Resp: 147352
Ion Ratio Lower Upper
164 100
166 130.2 107.2 160.8
129 100.6 80.7 121.1
131 96.8 74.6 112.0





#65
Chlorobenzene
Concen: 47.003 ug/l
RT: 11.888 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

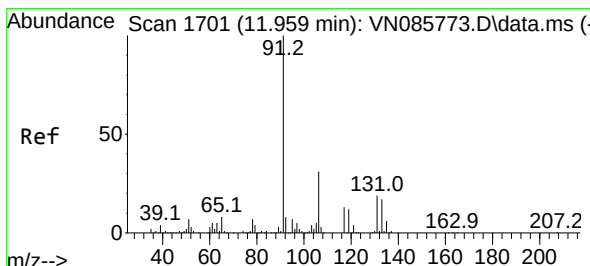
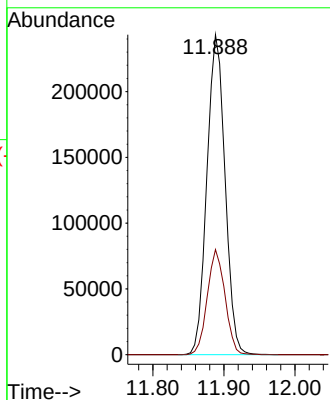
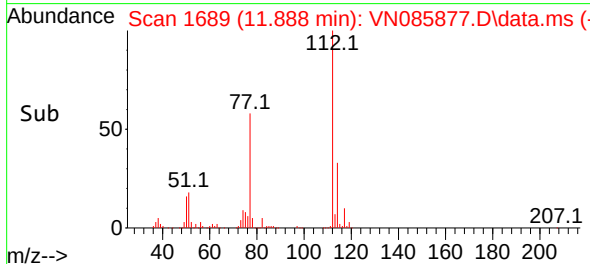
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MSD



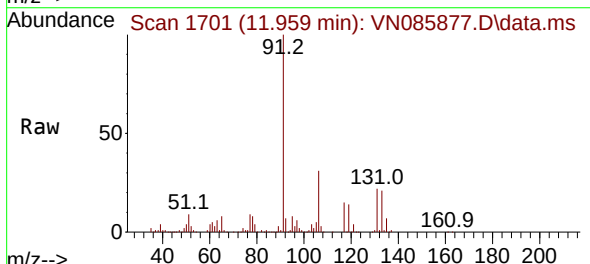
Tgt Ion:112 Resp: 431690
Ion Ratio Lower Upper
112 100
114 32.9 24.3 36.5

Manual Integrations
APPROVED

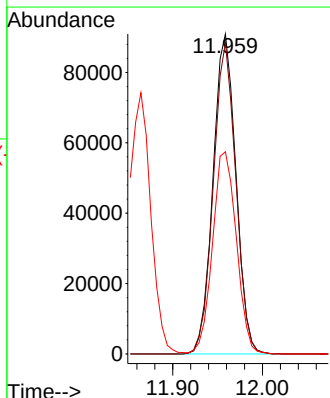
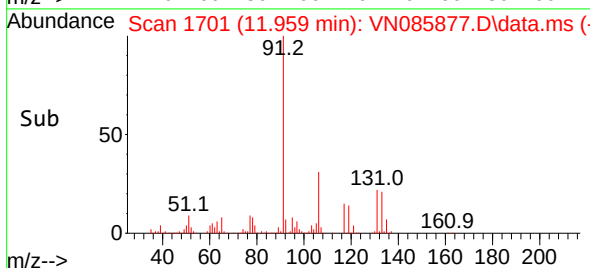
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

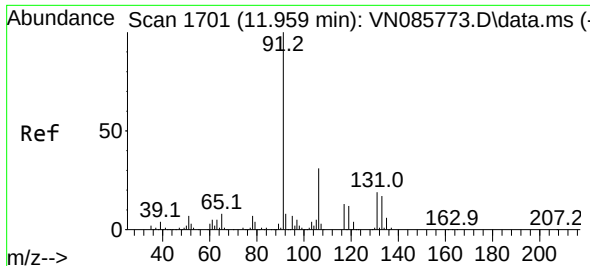


#66
1,1,1,2-Tetrachloroethane
Concen: 48.696 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33



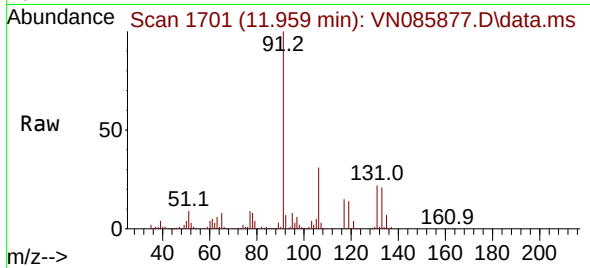
Tgt Ion:131 Resp: 160756
Ion Ratio Lower Upper
131 100
133 95.9 47.7 143.1
119 66.0 33.3 99.8





#67
Ethyl Benzene
Concen: 49.923 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

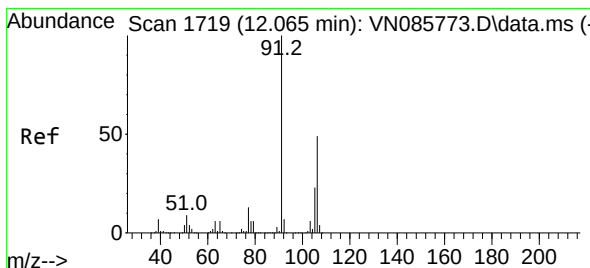
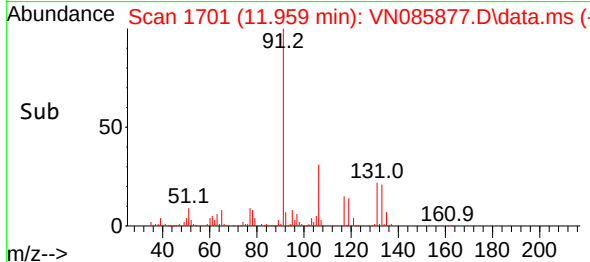
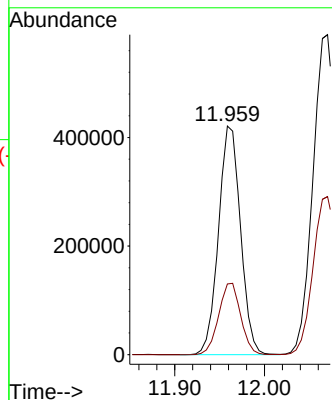
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MSD



Tgt Ion: 91 Resp: 718249
Ion Ratio Lower Upper
91 100
106 30.9 24.7 37.1

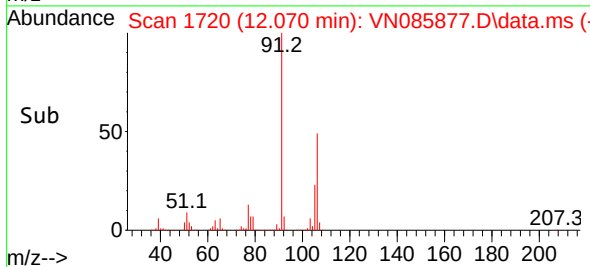
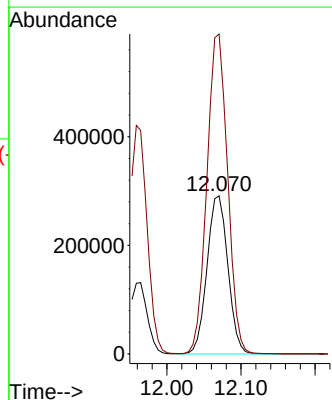
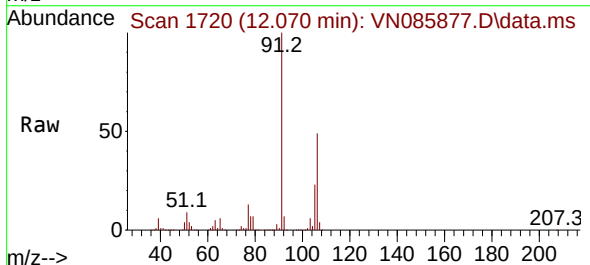
Manual Integrations
APPROVED

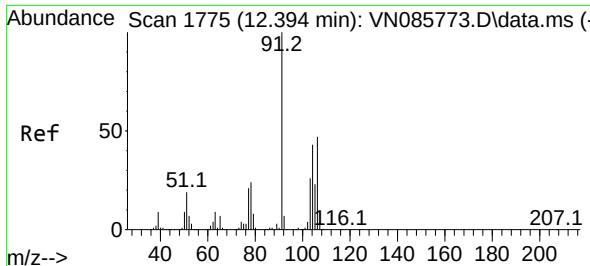
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#68
m/p-Xylenes
Concen: 104.173 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.005 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

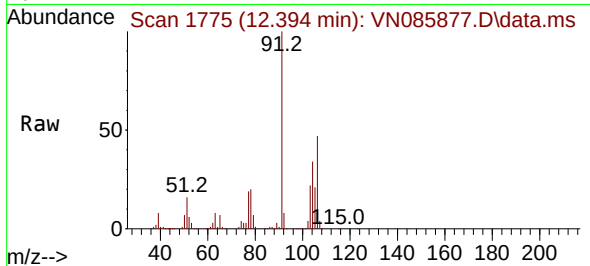
Tgt Ion:106 Resp: 569298
Ion Ratio Lower Upper
106 100
91 201.1 163.3 244.9





#69
o-Xylene
Concen: 52.373 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

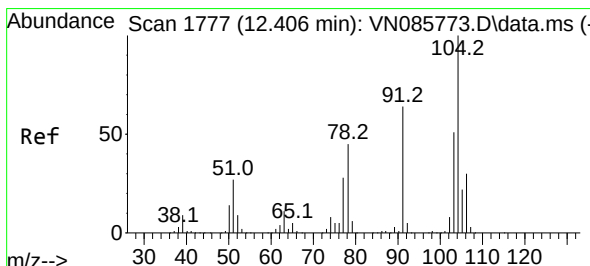
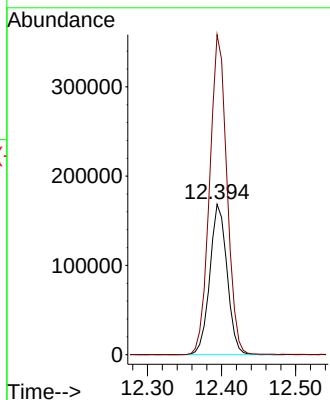
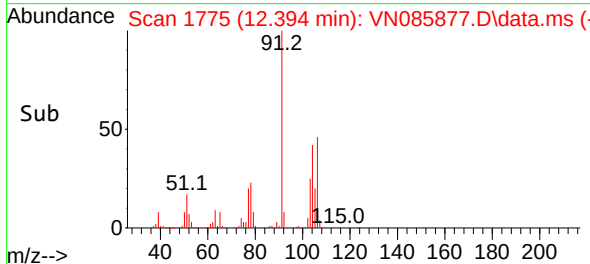
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MSD



Tgt Ion:106 Resp: 271975
Ion Ratio Lower Upper
106 100
91 214.0 107.1 321.4

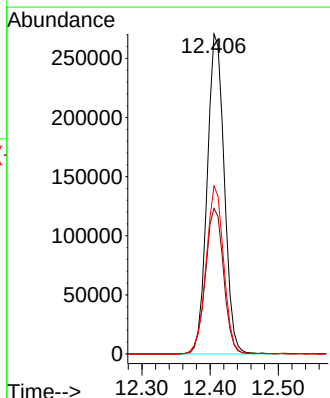
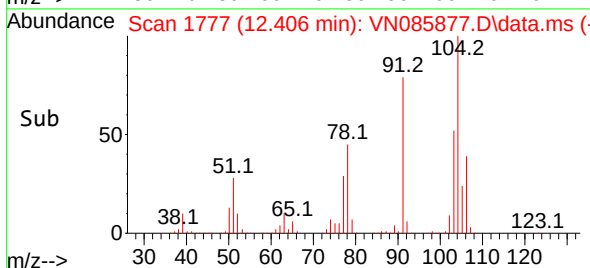
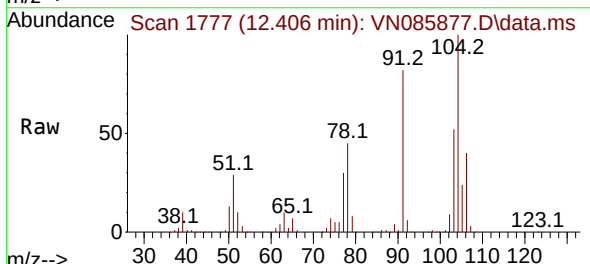
Manual Integrations
APPROVED

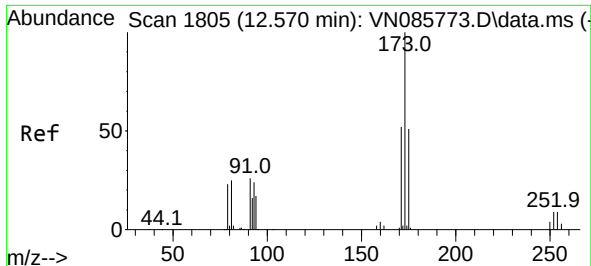
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#70
Styrene
Concen: 48.999 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

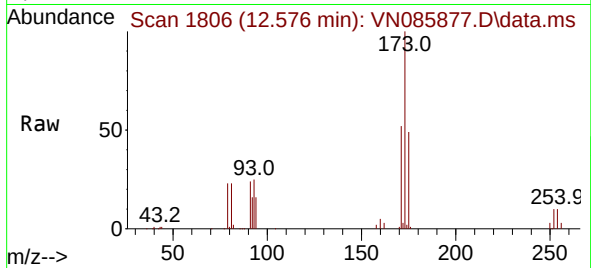
Tgt Ion:104 Resp: 472506
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.6
103 54.0 43.3 64.9





#71
Bromoform
Concen: 52.526 ug/l
RT: 12.576 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

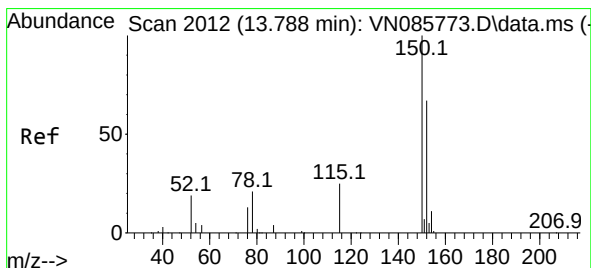
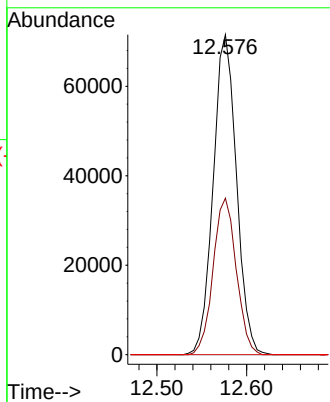
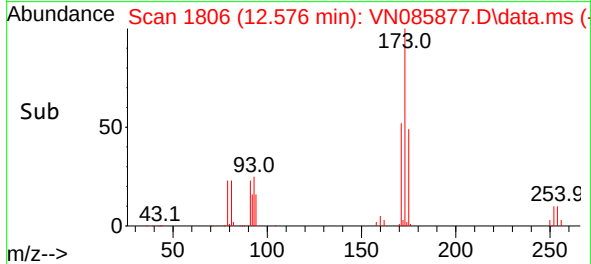
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MSD



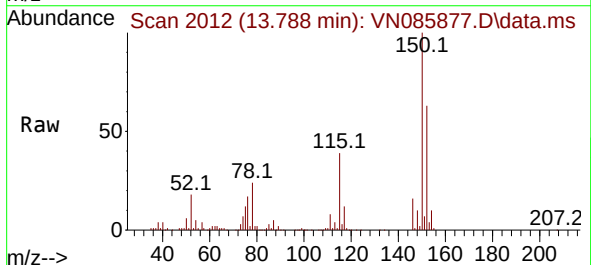
Tgt Ion:173 Resp: 128840
Ion Ratio Lower Upper
173 100
175 48.6 25.1 75.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

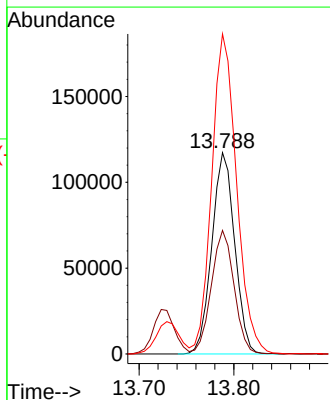
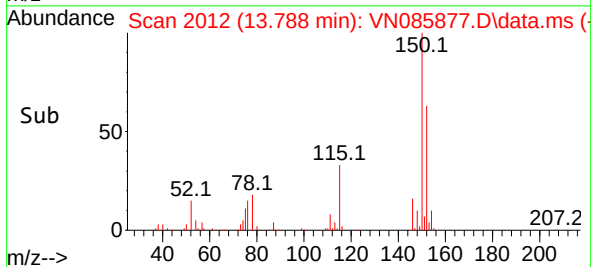
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

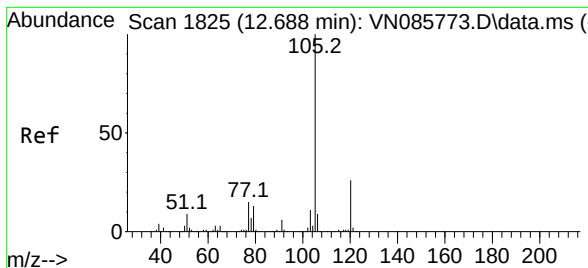


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33



Tgt Ion:152 Resp: 196698
Ion Ratio Lower Upper
152 100
115 61.1 30.4 91.3
150 172.9 0.0 345.4





#73

Isopropylbenzene

Concen: 48.898 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN085877.D

Acq: 26 Feb 2025 17:33

Instrument :

MSVOA_N

ClientSampleId :

P001-CLAY-CF01-01MSD

Tgt Ion:105 Resp: 658940

Ion Ratio Lower Upper

105 100

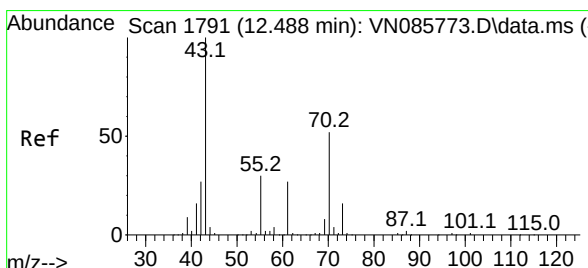
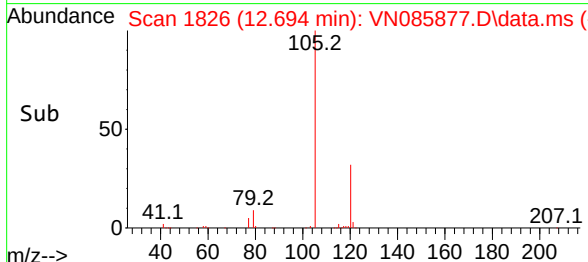
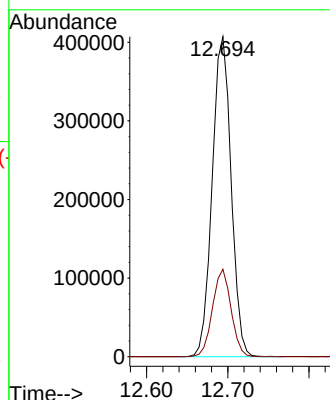
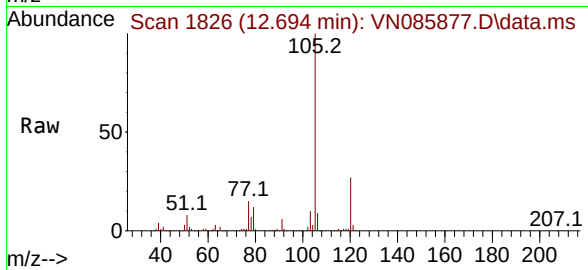
120 26.7 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#74

N-ethyl acetate

Concen: 53.197 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VN085877.D

Acq: 26 Feb 2025 17:33

Tgt Ion: 43 Resp: 252799

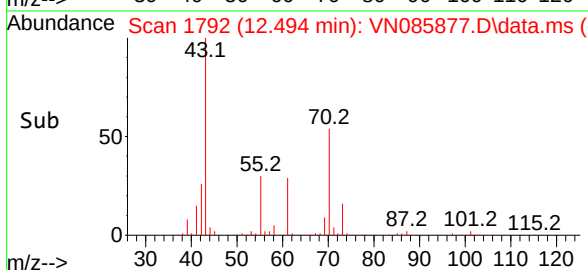
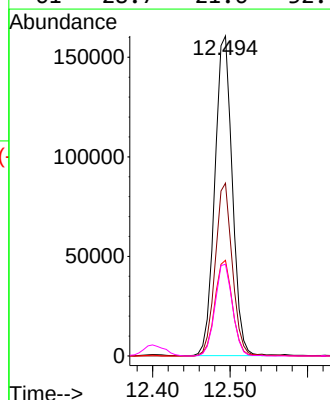
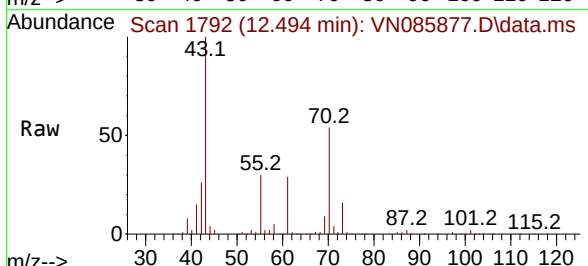
Ion Ratio Lower Upper

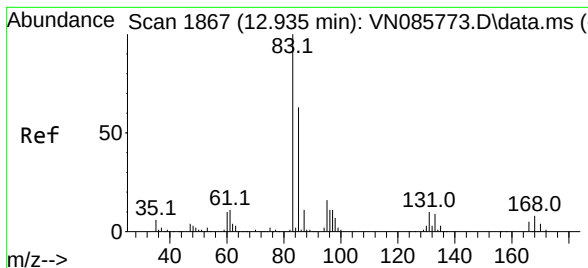
43 100

70 52.6 41.0 61.4

55 30.2 24.6 36.8

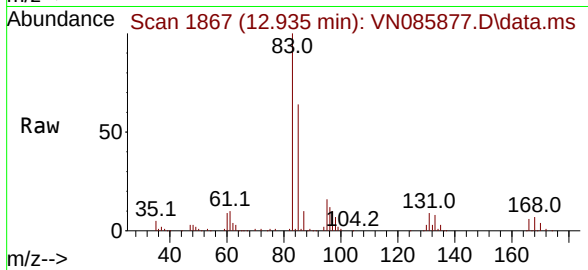
61 28.7 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 47.862 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

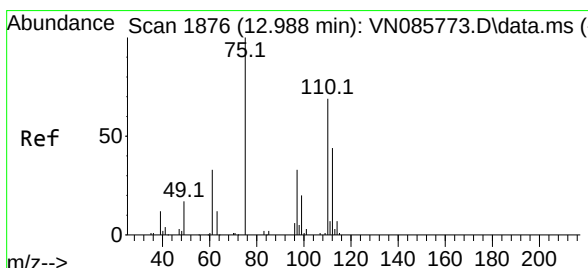
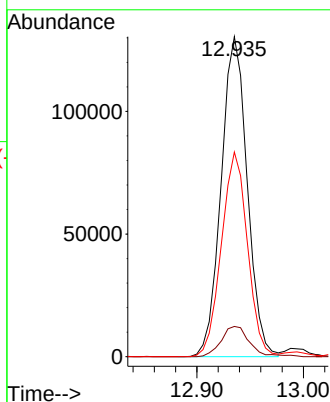
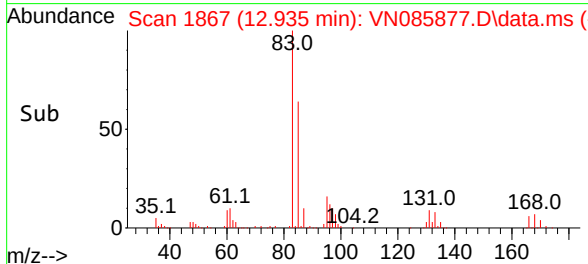
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MSD



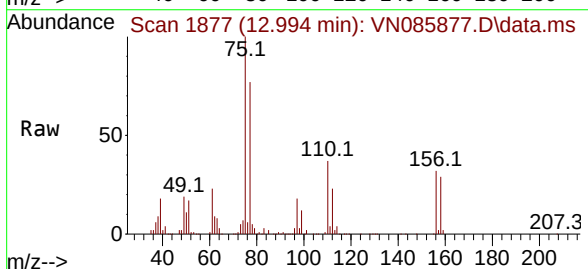
Tgt Ion: 83 Resp: 22194
Ion Ratio Lower Upper
83 100
131 10.3 5.0 15.0
85 63.8 32.2 96.6

Manual Integrations
APPROVED

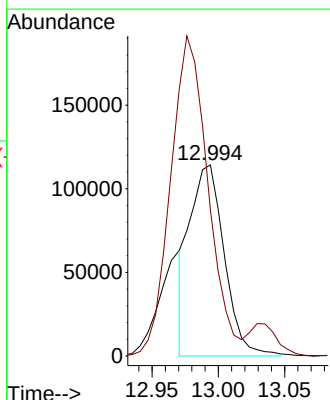
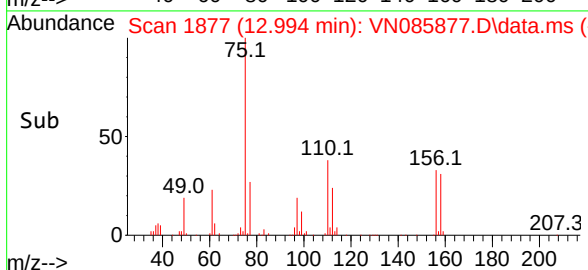
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

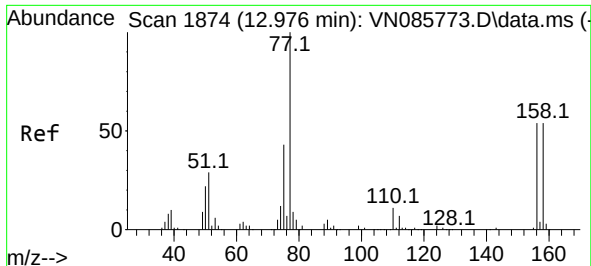


#76
1,2,3-Trichloropropane
Concen: 47.403 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33



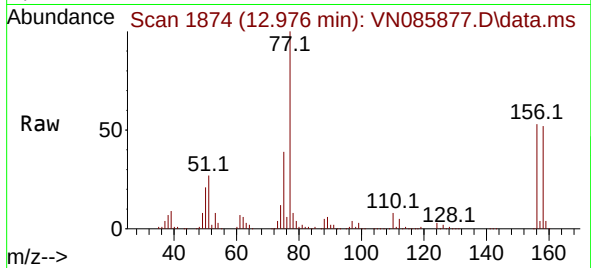
Tgt Ion: 75 Resp: 207118
Ion Ratio Lower Upper
75 100
77 181.1 100.0 300.0





#77
Bromobenzene
Concen: 48.125 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

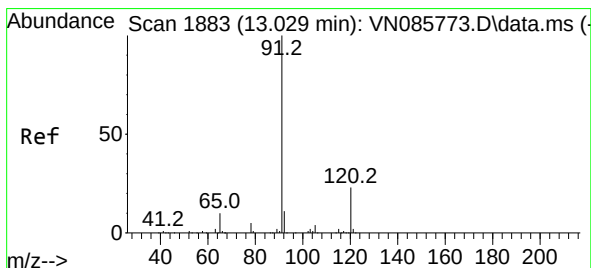
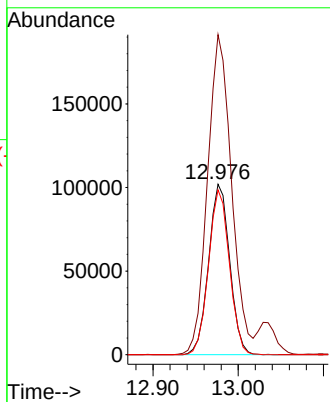
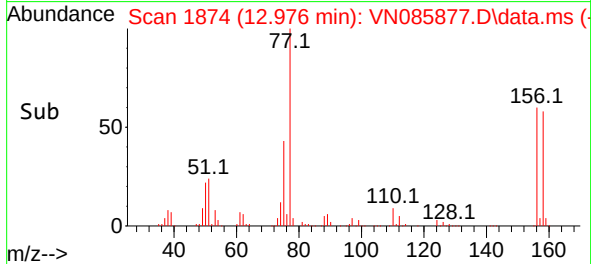
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MSD



Tgt Ion:156 Resp: 17521
Ion Ratio Lower Upper
156 100
77 214.1 104.1 312.3
158 95.7 48.1 144.4

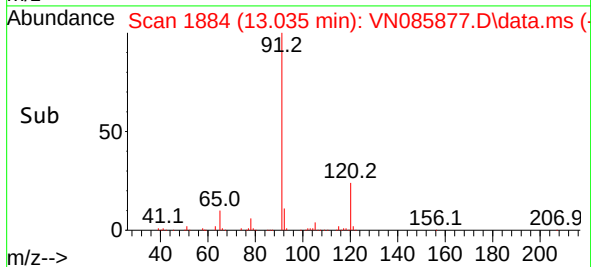
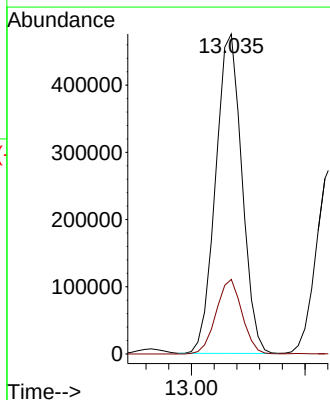
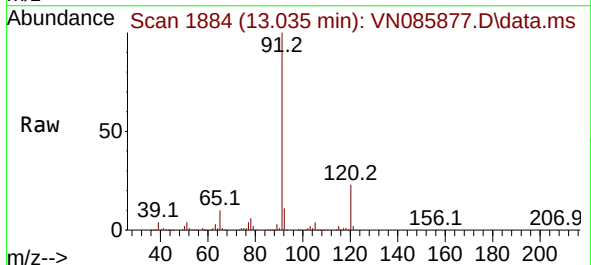
Manual Integrations
APPROVED

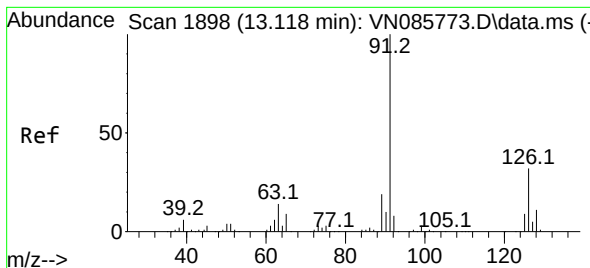
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#78
n-propylbenzene
Concen: 49.565 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

Tgt Ion: 91 Resp: 764927
Ion Ratio Lower Upper
91 100
120 22.9 11.3 33.8





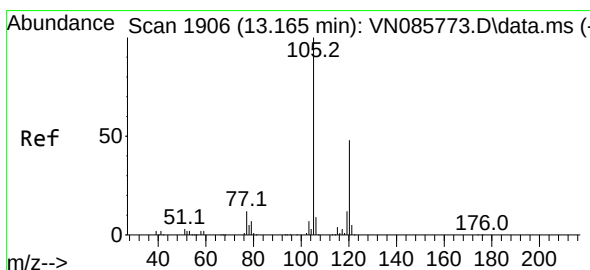
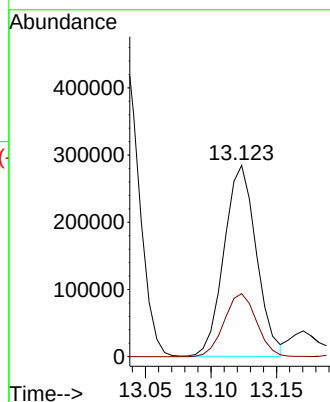
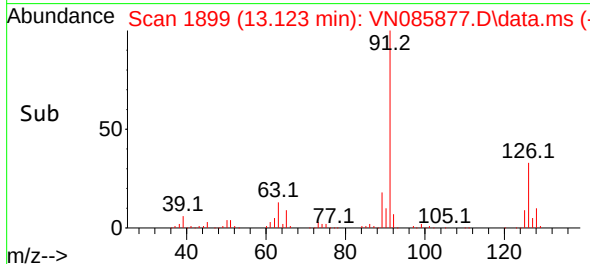
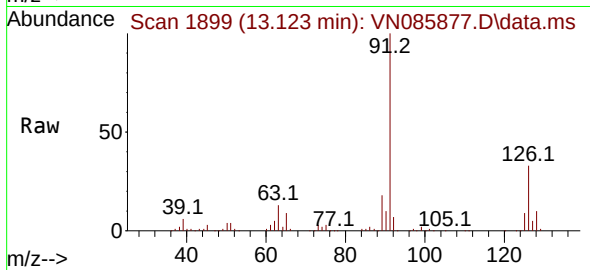
#79
2-Chlorotoluene
Concen: 47.160 ug/l
RT: 13.123 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

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

Tgt Ion: 91 Resp: 486280
Ion Ratio Lower Upper
91 100
126 33.2 16.4 49.1

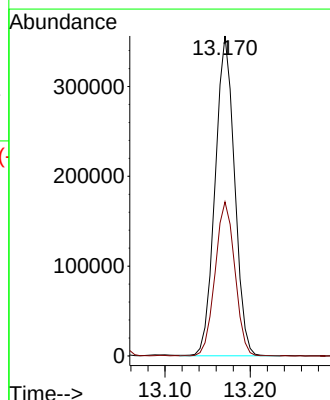
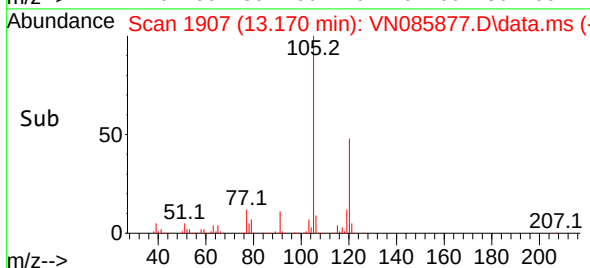
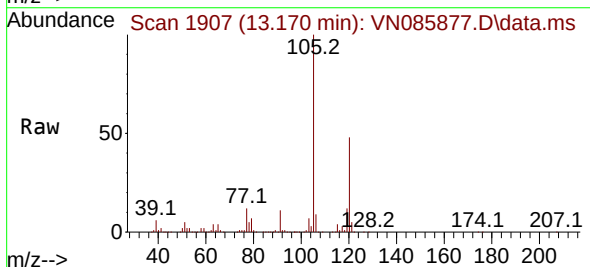
Manual Integrations
APPROVED

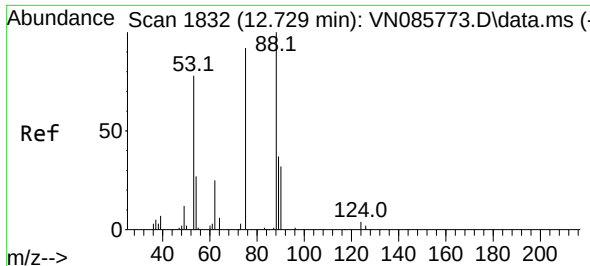
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.301 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

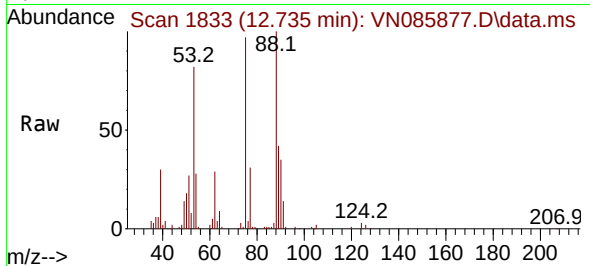
Tgt Ion:105 Resp: 563140
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 54.937 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

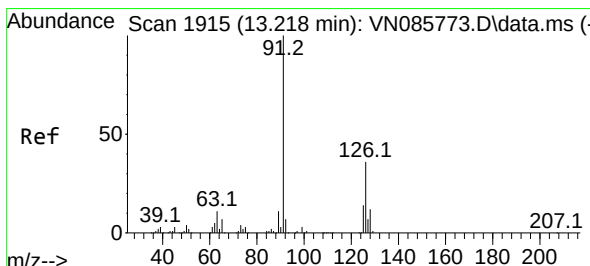
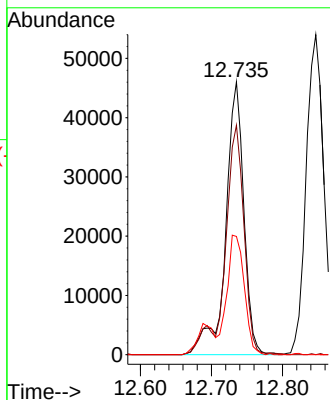
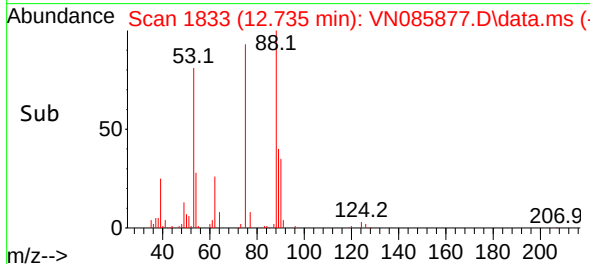
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MSD



Tgt Ion: 75 Resp: 82268
Ion Ratio Lower Upper
75 100
53 78.4 74.2 111.4
89 41.9 34.9 52.3

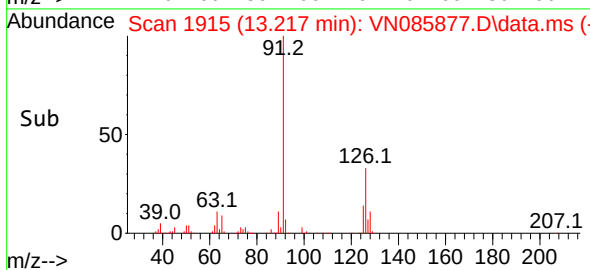
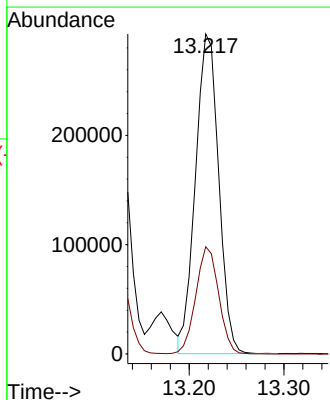
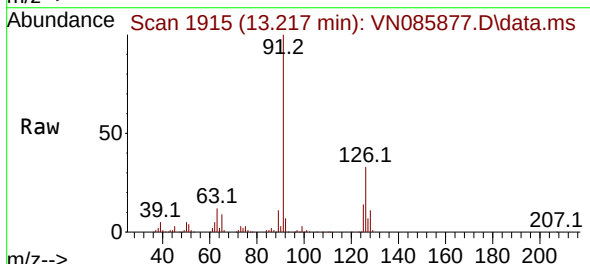
Manual Integrations
APPROVED

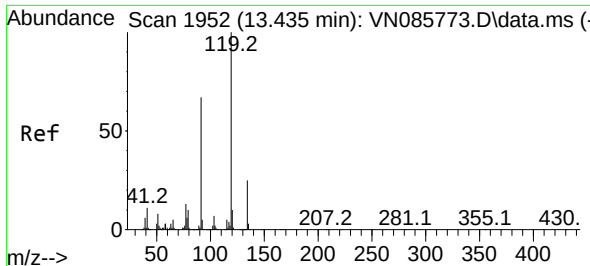
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#82
4-Chlorotoluene
Concen: 48.719 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

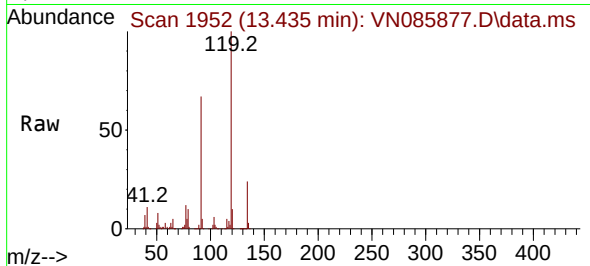
Tgt Ion: 91 Resp: 498020
Ion Ratio Lower Upper
91 100
126 33.1 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 50.129 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085877.D
 Acq: 26 Feb 2025 17:33

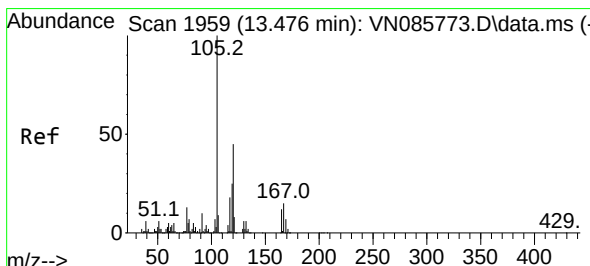
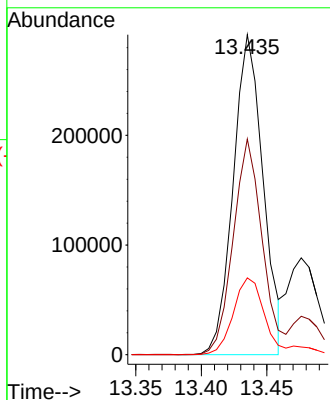
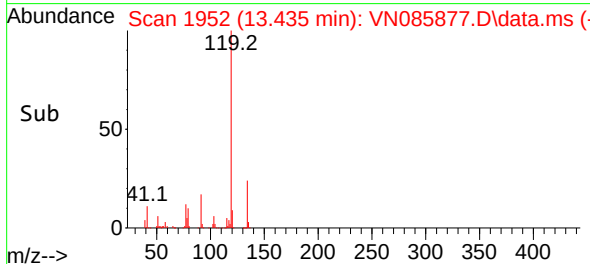
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-CLAY-CF01-01MSD



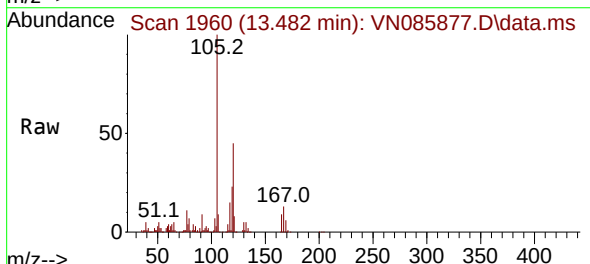
Tgt Ion:119 Resp: 462735
 Ion Ratio Lower Upper
 119 100
 91 66.0 32.5 97.5
 134 24.7 13.3 39.9

Manual Integrations
 APPROVED

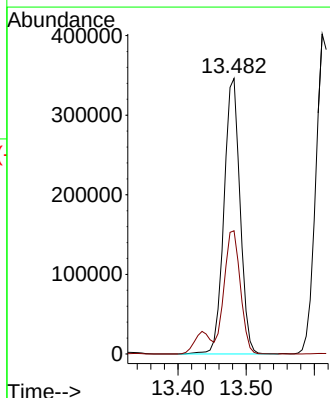
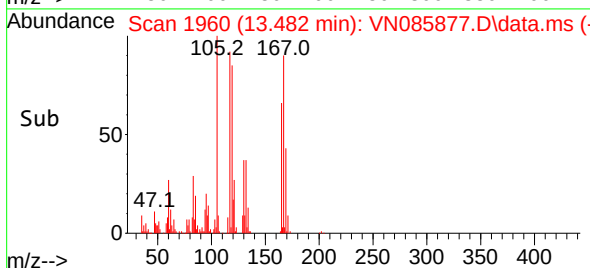
Reviewed By :John Carlone 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025

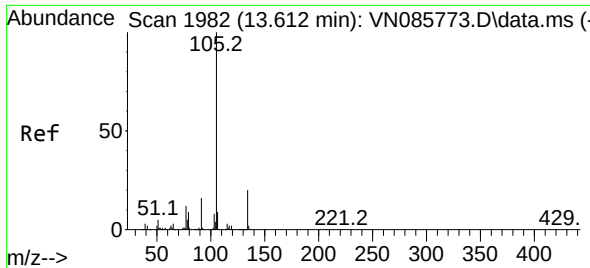


#84
 1,2,4-Trimethylbenzene
 Concen: 52.205 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN085877.D
 Acq: 26 Feb 2025 17:33



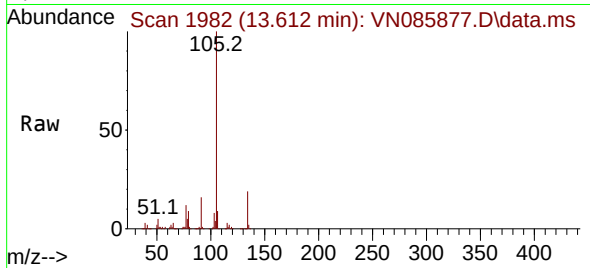
Tgt Ion:105 Resp: 566970
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 48.769 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085877.D
 Acq: 26 Feb 2025 17:33

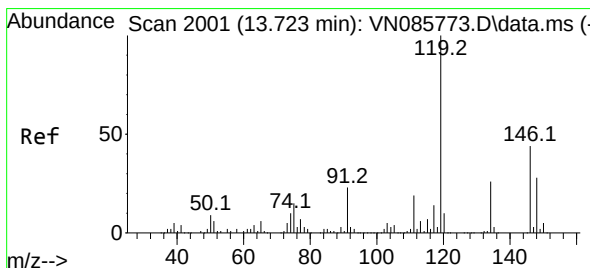
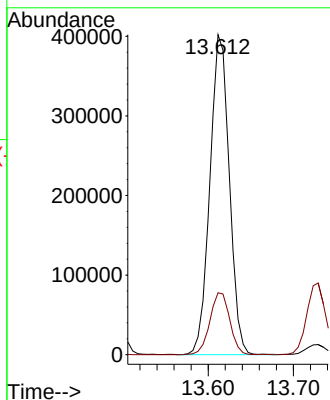
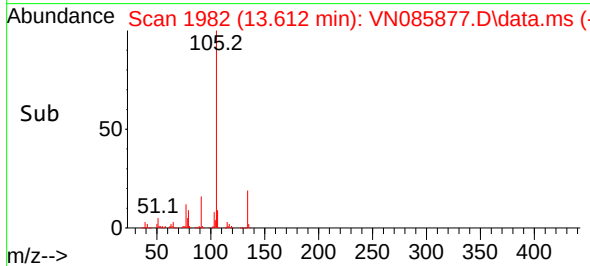
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-CLAY-CF01-01MSD



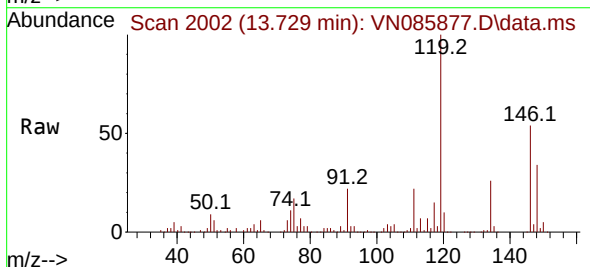
Tgt Ion:105 Resp: 636060
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

Manual Integrations
 APPROVED

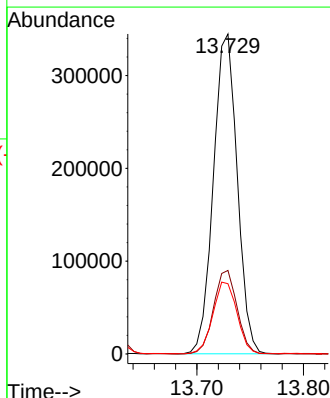
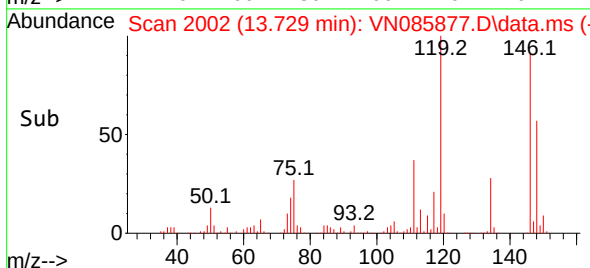
Reviewed By :John Carlone 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025

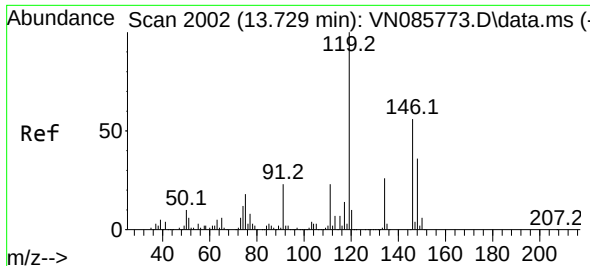


#86
 p-Isopropyltoluene
 Concen: 45.143 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085877.D
 Acq: 26 Feb 2025 17:33



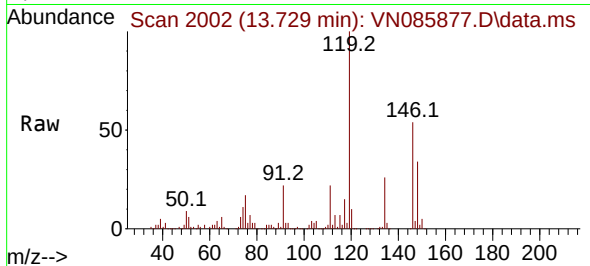
Tgt Ion:119 Resp: 534597
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 22.8 11.7 35.1





#87
 1,3-Dichlorobenzene
 Concen: 46.122 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN085877.D
 Acq: 26 Feb 2025 17:33

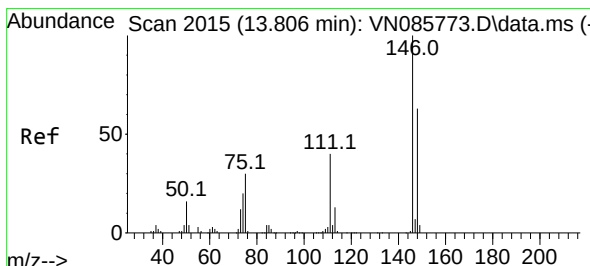
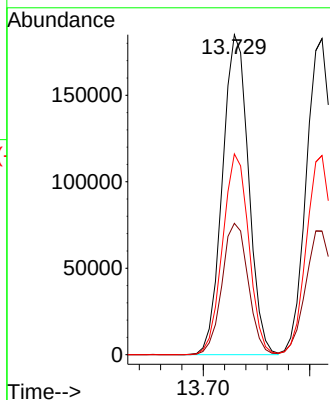
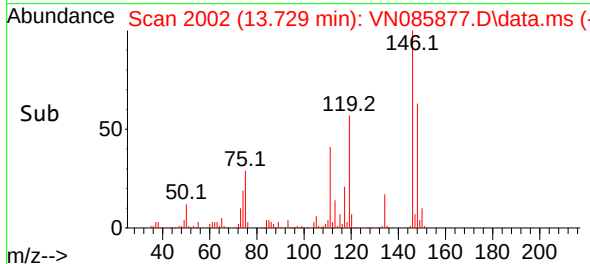
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-CLAY-CF01-01MSD



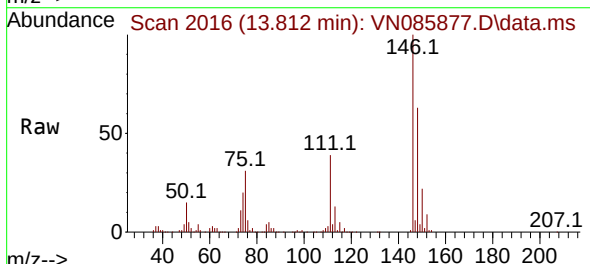
Tgt Ion:146 Resp: 314600
 Ion Ratio Lower Upper
 146 100
 111 41.3 21.1 63.3
 148 62.9 32.1 96.5

Manual Integrations
 APPROVED

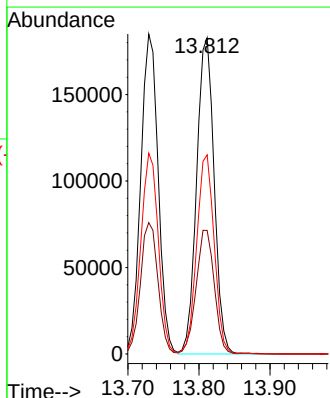
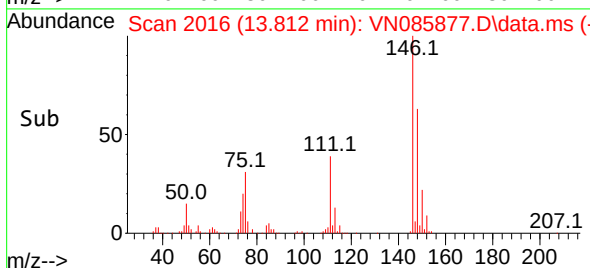
Reviewed By :John Carlone 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025

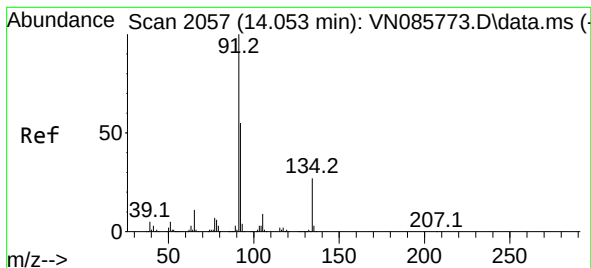


#88
 1,4-Dichlorobenzene
 Concen: 44.961 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.006 min
 Lab File: VN085877.D
 Acq: 26 Feb 2025 17:33



Tgt Ion:146 Resp: 314327
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.4 61.3
 148 62.8 31.8 95.4





#89

n-Butylbenzene

Concen: 46.589 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN085877.D

Acq: 26 Feb 2025 17:33

Instrument :

MSVOA_N

ClientSampleId :

P001-CLAY-CF01-01MSD

Tgt Ion: 91 Resp: 43140

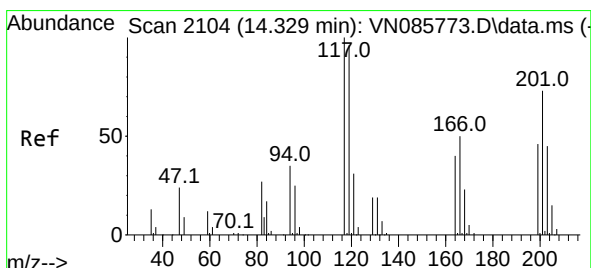
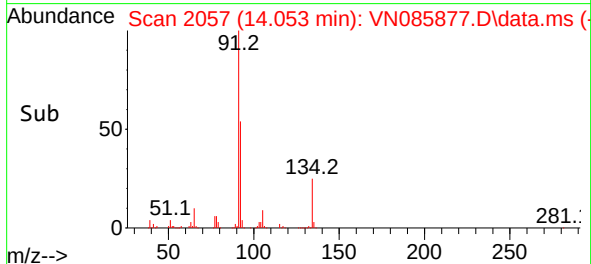
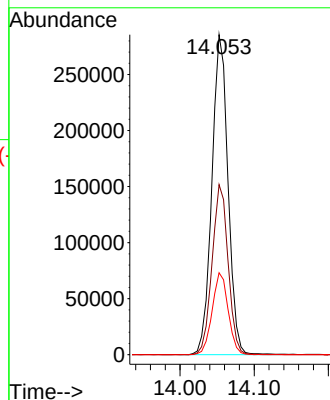
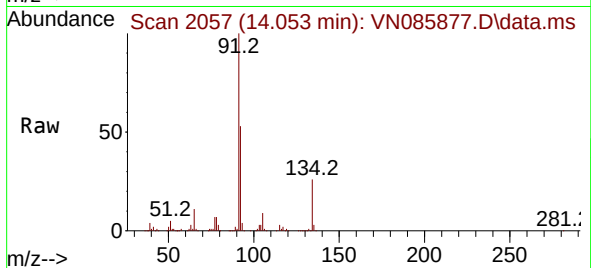
Ion	Ratio	Lower	Upper
91	100		
92	52.8	27.1	81.3
134	25.4	12.7	38.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#90

Hexachloroethane

Concen: 44.363 ug/l

RT: 14.329 min Scan# 2104

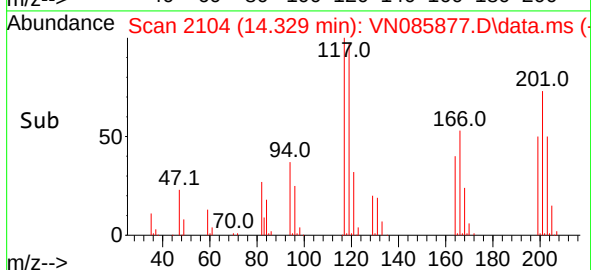
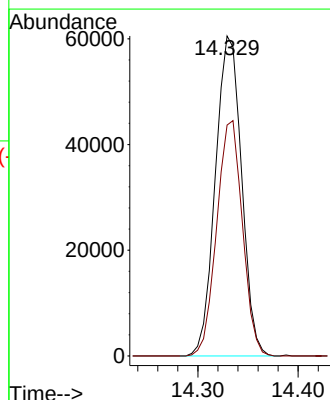
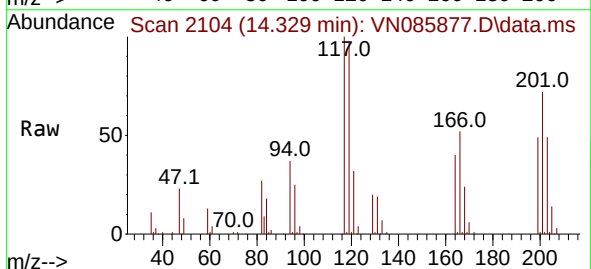
Delta R.T. -0.000 min

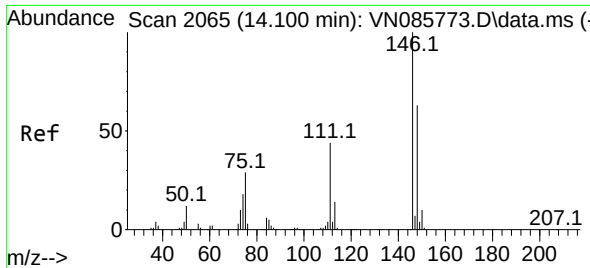
Lab File: VN085877.D

Acq: 26 Feb 2025 17:33

Tgt Ion:117 Resp: 109579

Ion	Ratio	Lower	Upper
117	100		
201	72.2	35.6	106.9





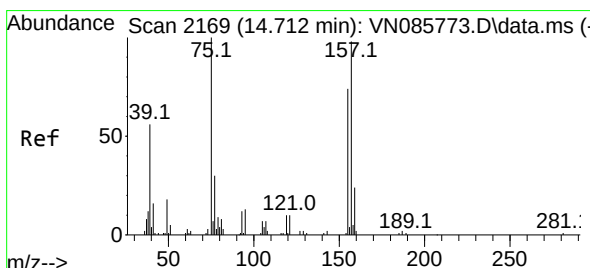
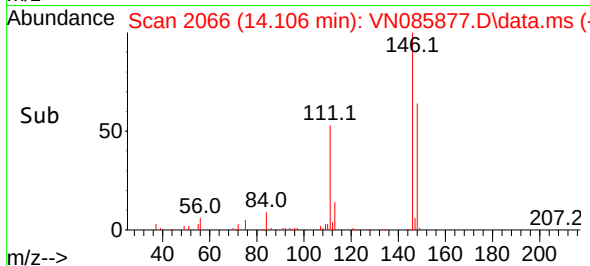
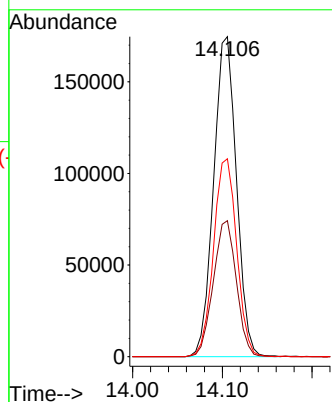
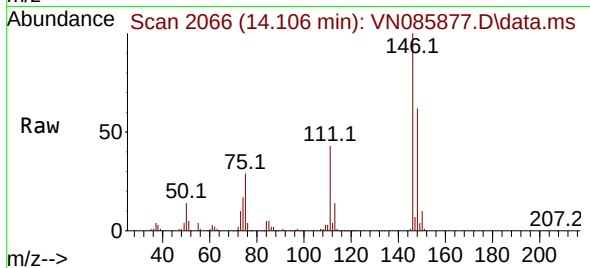
#91
1,2-Dichlorobenzene
Concen: 47.036 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

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

Tgt Ion:146 Resp: 30851
Ion Ratio Lower Upper
146 100
111 43.1 21.4 64.3
148 62.7 32.0 96.2

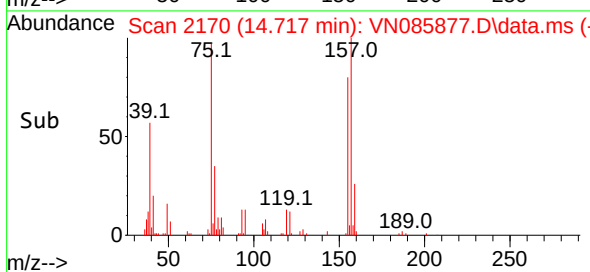
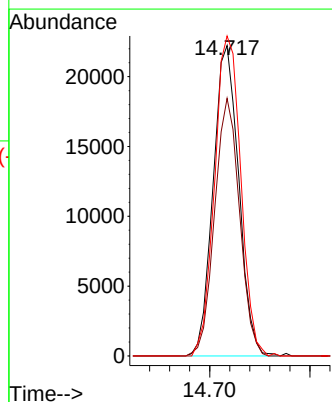
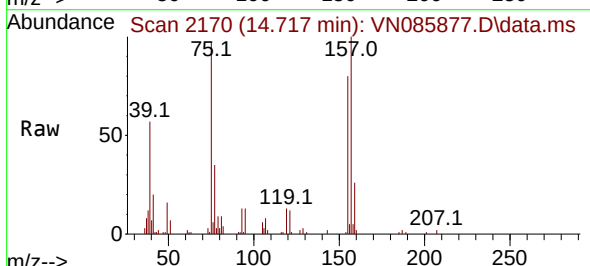
Manual Integrations
APPROVED

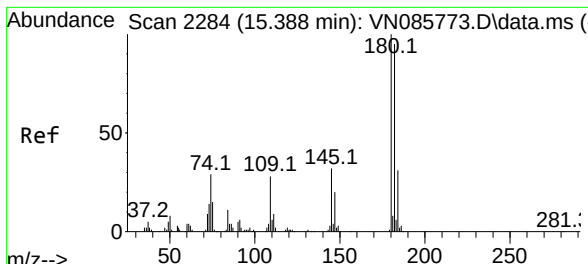
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.232 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

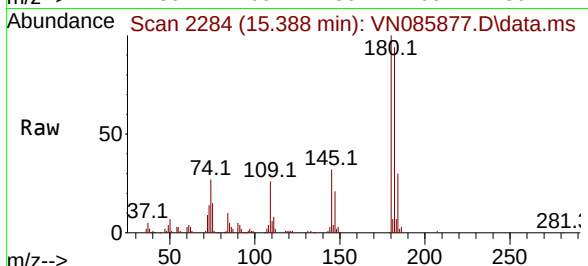
Tgt Ion: 75 Resp: 39367
Ion Ratio Lower Upper
75 100
155 80.9 39.9 119.6
157 105.4 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 48.083 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33

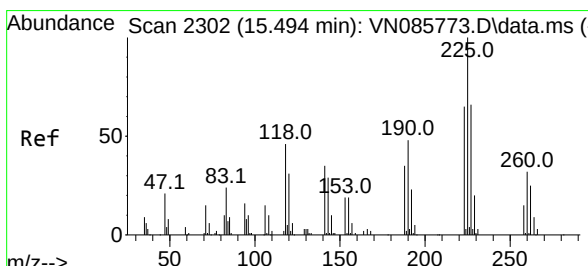
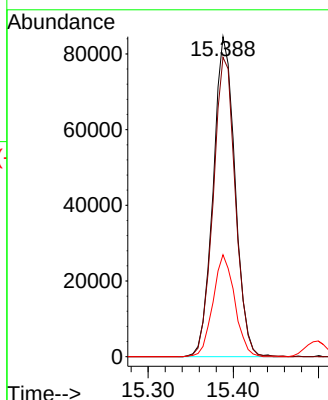
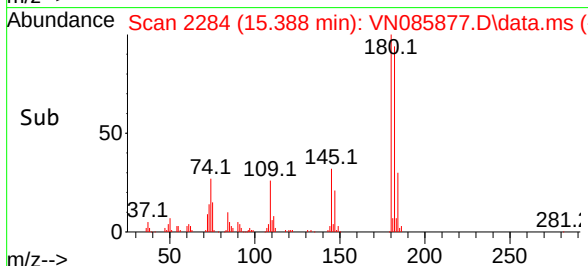
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MSD



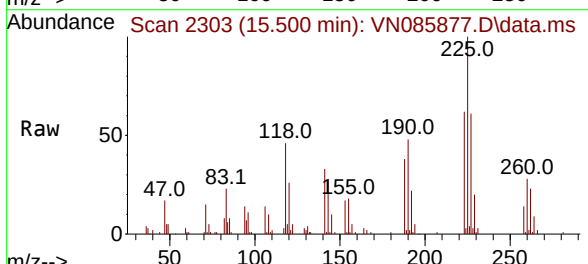
Tgt Ion:180 Resp: 15028
Ion Ratio Lower Upper
180 100
182 94.7 47.3 141.9
145 31.6 16.2 48.5

Manual Integrations
APPROVED

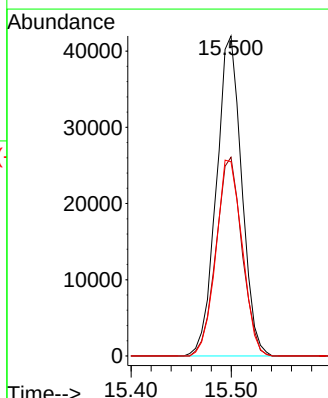
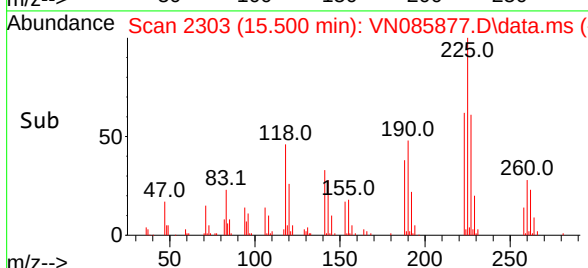
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

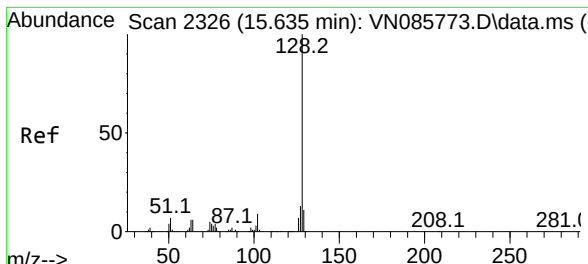


#94
Hexachlorobutadiene
Concen: 38.745 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN085877.D
Acq: 26 Feb 2025 17:33



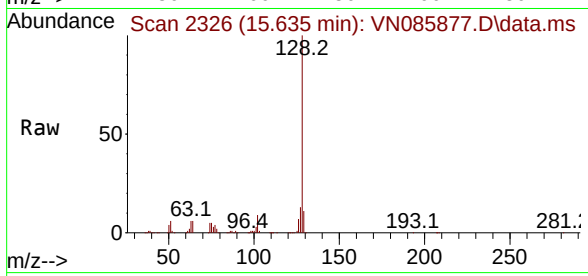
Tgt Ion:225 Resp: 73597
Ion Ratio Lower Upper
225 100
223 63.7 31.9 95.5
227 63.5 32.2 96.6





#95
 Naphthalene
 Concen: 54.100 ug/l
 RT: 15.635 min Scan# 2326
 Delta R.T. -0.000 min
 Lab File: VN085877.D
 Acq: 26 Feb 2025 17:33

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

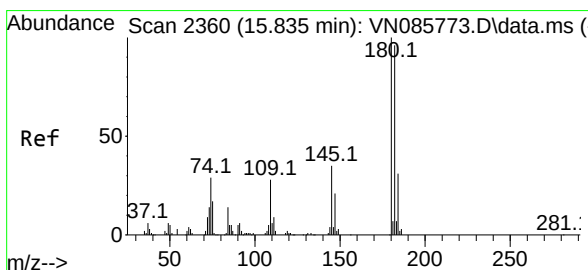
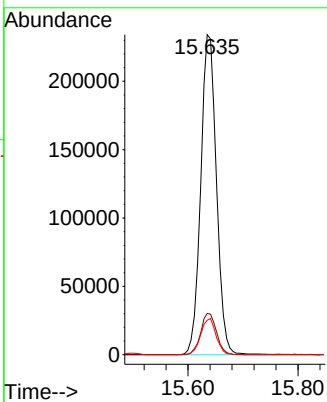


Tgt Ion:128 Resp: 464220

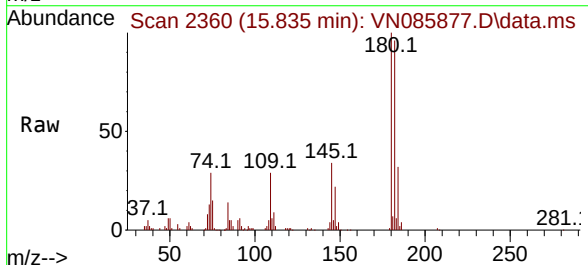
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.0	8.7	13.1

Manual Integrations
 APPROVED

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



#96
 1,2,3-Trichlorobenzene
 Concen: 46.866 ug/l
 RT: 15.835 min Scan# 2360
 Delta R.T. -0.000 min
 Lab File: VN085877.D
 Acq: 26 Feb 2025 17:33



Tgt Ion:180 Resp: 147055

Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.3	141.8
145	35.0	16.9	50.6

