

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
 Data File : VY021371.D
 Acq On : 27 Feb 2025 20:15
 Operator : SY/MD
 Sample : Q1421-02MS
 Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Feb 28 00:45:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	141028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	230342	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	163009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	46476	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	77228	48.272	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.540%
35) Dibromofluoromethane	7.634	113	73458	48.643	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.280%
50) Toluene-d8	10.103	98	246044	42.158	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.320%
62) 4-Bromofluorobenzene	12.408	95	54013	27.499	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	55.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	68934	51.554	ug/l	95
3) Chloromethane	2.068	50	89159	51.631	ug/l	99
4) Vinyl Chloride	2.202	62	93617	55.233	ug/l	99
5) Bromomethane	2.592	94	62142	55.172	ug/l	97
6) Chloroethane	2.733	64	61988	58.976	ug/l	99
7) Trichlorofluoromethane	3.056	101	138348	54.048	ug/l	96
8) Diethyl Ether	3.452	74	40642	52.901	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.812	101	73968	49.912	ug/l	100
10) Methyl Iodide	4.001	142	90623	58.124	ug/l	99
11) Tert butyl alcohol	4.860	59	23950	194.625	ug/l #	72
12) 1,1-Dichloroethene	3.787	96	73781	51.995	ug/l	97
13) Acrolein	3.653	56	2745	29.109	ug/l	96
14) Allyl chloride	4.385	41	122112	48.537	ug/l	95
15) Acrylonitrile	5.055	53	78440	230.923	ug/l	99
16) Acetone	3.867	43	66513	216.735	ug/l	97
17) Carbon Disulfide	4.104	76	230205	48.856	ug/l	100
18) Methyl Acetate	4.379	43	48818	65.091	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	199105	53.108	ug/l	98
20) Methylene Chloride	4.610	84	96460	58.126	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	80907	51.793	ug/l	97
22) Diisopropyl ether	6.019	45	281794	54.127	ug/l	96
23) Vinyl Acetate	5.958	43	668166	214.772	ug/l	99
24) 1,1-Dichloroethane	5.915	63	156468	53.324	ug/l	99
25) 2-Butanone	6.890	43	102122	220.488	ug/l	93
26) 2,2-Dichloropropane	6.884	77	129555	48.659	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	93450	52.388	ug/l	98
28) Bromochloromethane	7.238	49	56032	43.156	ug/l	96
29) Tetrahydrofuran	7.262	42	67868	224.174	ug/l	98
30) Chloroform	7.421	83	163043	54.836	ug/l	97
31) Cyclohexane	7.701	56	118183	41.900	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	139641	51.598	ug/l	99
36) 1,1-Dichloropropene	7.835	75	103987	45.842	ug/l	99
37) Ethyl Acetate	6.982	43	47008	41.660	ug/l	98
38) Carbon Tetrachloride	7.817	117	118138	46.325	ug/l	100
39) Methylcyclohexane	9.110	83	101311	35.311	ug/l	99
40) Benzene	8.079	78	332686	49.613	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	25732	40.787	ug/l	93
42) 1,2-Dichloroethane	8.158	62	96084	50.504	ug/l	99
43) Isopropyl Acetate	8.195	43	93462	42.793	ug/l	99
44) Trichloroethene	8.866	130	76806	45.750	ug/l	100
45) 1,2-Dichloropropane	9.140	63	79449	49.233	ug/l	97
46) Dibromomethane	9.231	93	42728	48.439	ug/l	99
47) Bromodichloromethane	9.420	83	116295	49.446	ug/l	98
48) Methyl methacrylate	9.219	41	43122	42.222	ug/l	90
49) 1,4-Dioxane	9.225	88	9051	922.812	ug/l	92
51) 4-Methyl-2-Pentanone	9.993	43	241466	215.981	ug/l	99
52) Toluene	10.170	92	188579	45.270	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	95774	44.446	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	115346	45.342	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	53434	46.500	ug/l	97
56) Ethyl methacrylate	10.439	69	67800	42.701	ug/l	98
57) 1,3-Dichloropropane	10.713	76	93124	46.182	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	79704	104.582	ug/l	99
59) 2-Hexanone	10.762	43	149310	203.352	ug/l	99
60) Dibromochloromethane	10.908	129	71390	45.616	ug/l	99
61) 1,2-Dibromoethane	11.012	107	47952	44.078	ug/l	99
64) Tetrachloroethene	10.646	164	60073	48.757	ug/l	96
65) Chlorobenzene	11.438	112	170954	46.720	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	71113	55.503	ug/l	100
67) Ethyl Benzene	11.518	91	312558	48.224	ug/l	98
68) m/p-Xylenes	11.627	106	220984	90.646	ug/l	99
69) o-Xylene	11.957	106	107446	47.047	ug/l	100
70) Styrene	11.969	104	135726	35.719	ug/l	98
71) Bromoform	12.133	173	35915	48.999	ug/l #	97
73) Isopropylbenzene	12.255	105	257735	73.764	ug/l	99
74) N-amyl acetate	12.072	43	59956	67.510	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	51679	83.806	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	65126	139.995	ug/l #	100
77) Bromobenzene	12.530	156	54451	67.001	ug/l	96
78) n-propylbenzene	12.597	91	256487	60.493	ug/l	99
79) 2-Chlorotoluene	12.682	91	144452	59.364	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	163538	57.068	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	15578	74.429	ug/l	91
82) 4-Chlorotoluene	12.780	91	134075	53.154	ug/l	99
83) tert-Butylbenzene	12.999	119	163384	63.117	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	159053	55.807	ug/l	100
85) sec-Butylbenzene	13.176	105	183382	48.499	ug/l	100
86) p-Isopropyltoluene	13.292	119	146520	46.407	ug/l	98
87) 1,3-Dichlorobenzene	13.286	146	68524	42.625	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	67965	42.795	ug/l	99
89) n-Butylbenzene	13.621	91	93701	31.537	ug/l	99
90) Hexachloroethane	13.877	117	35381	53.648	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	60816	43.178	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	6608	67.740	ug/l	98
93) 1,2,4-Trichlorobenzene	14.926	180	11950	13.901	ug/l	98
94) Hexachlorobutadiene	15.023	225	9398	17.365	ug/l	99
95) Naphthalene	15.145	128	29080	20.423	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	9705	13.362	ug/l	97

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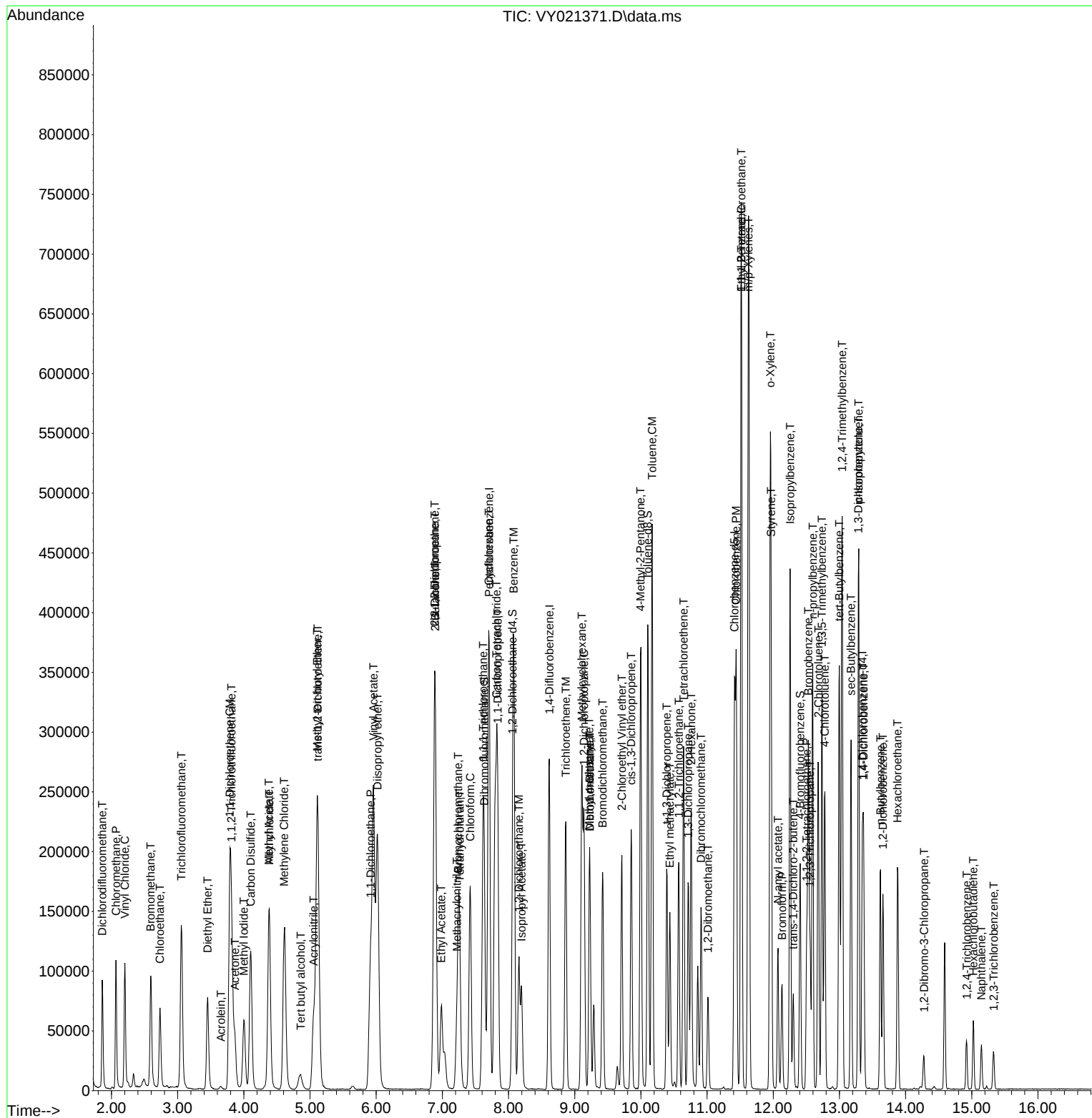
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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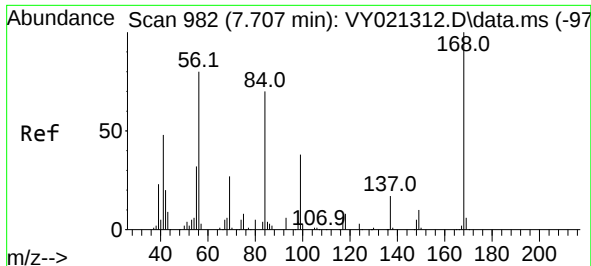
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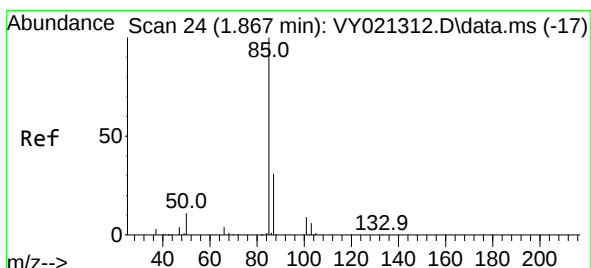
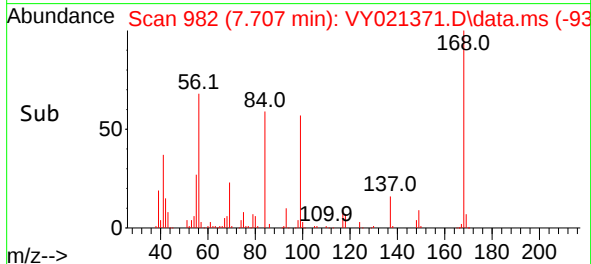
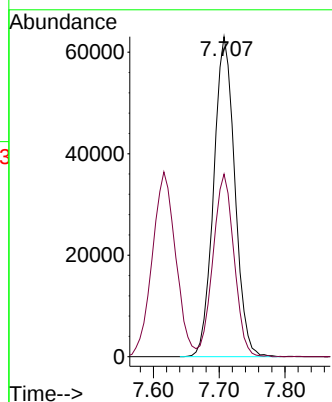
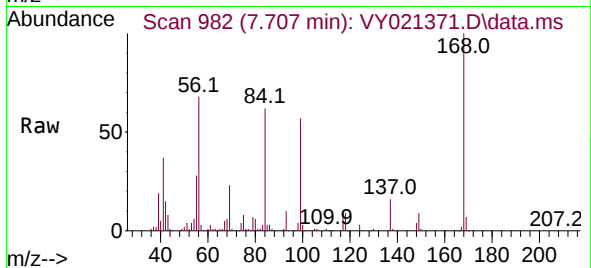




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 99
Delta R.T. 0.000 min
Lab File: VY021371.D
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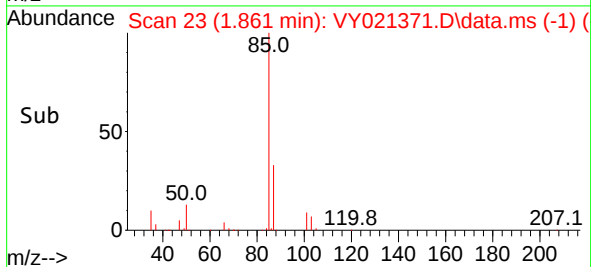
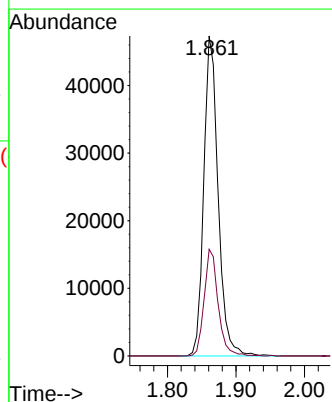
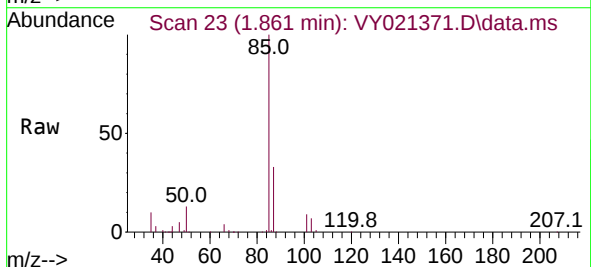
Instrument :
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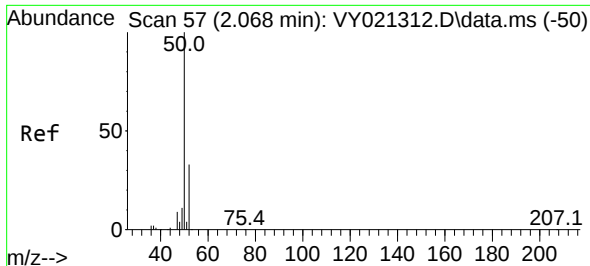
Tgt Ion:168 Resp: 141028
Ion Ratio Lower Upper
168 100
99 57.0 47.1 70.7



#2
Dichlorodifluoromethane
Concen: 51.554 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

Tgt Ion: 85 Resp: 68934
Ion Ratio Lower Upper
85 100
87 33.4 15.4 46.4

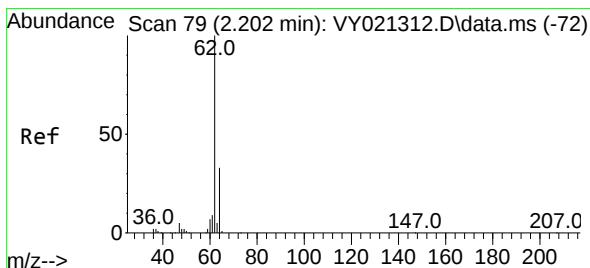
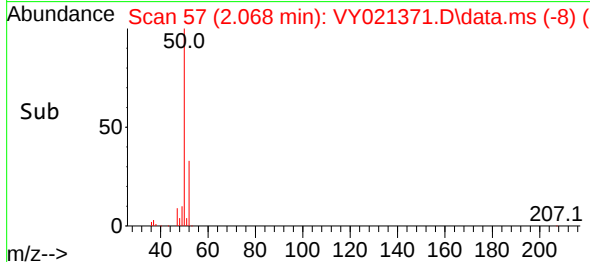
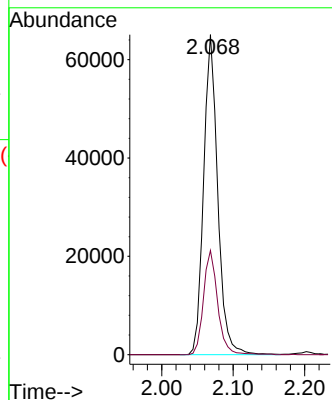
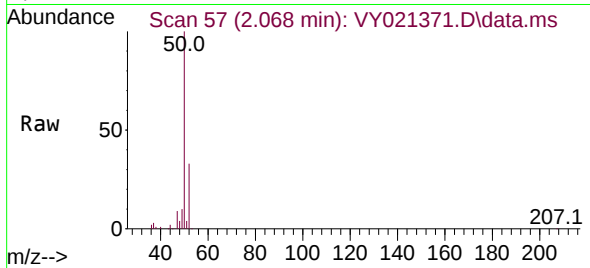




#3
Chloromethane
Concen: 51.631 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

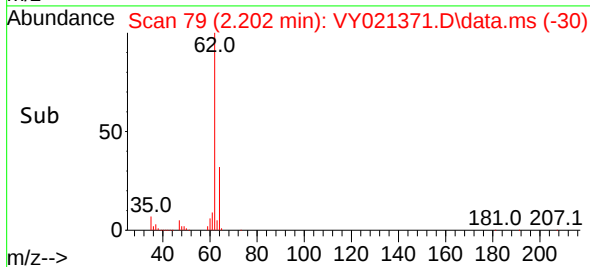
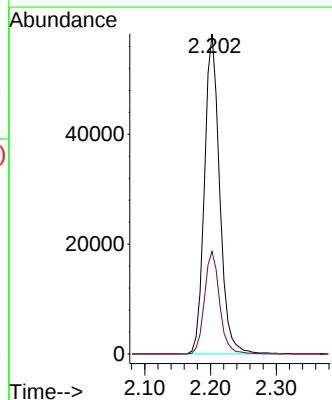
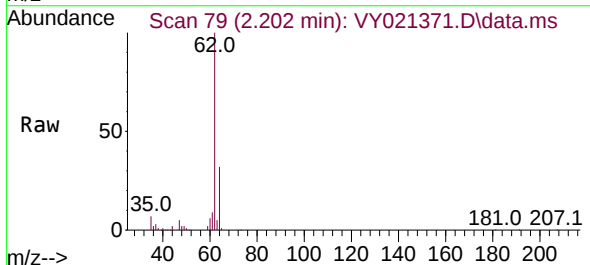
Instrument :
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Tgt Ion: 50 Resp: 89159
Ion Ratio Lower Upper
50 100
52 32.6 26.6 40.0



#4
Vinyl Chloride
Concen: 55.233 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

Tgt Ion: 62 Resp: 93617
Ion Ratio Lower Upper
62 100
64 32.1 26.3 39.5

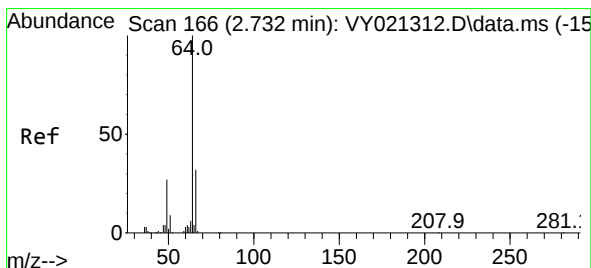
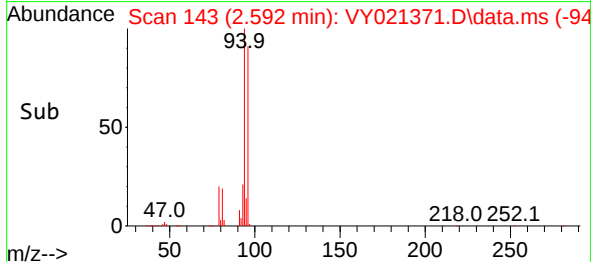
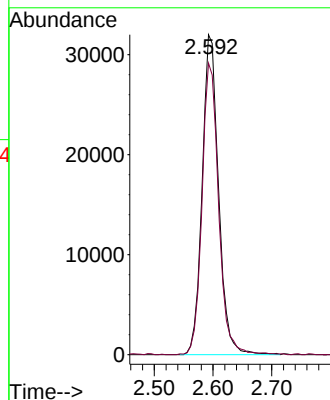
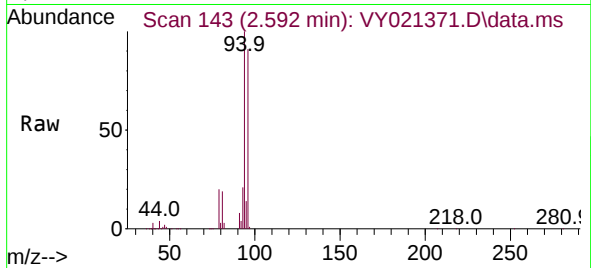




#5
Bromomethane
Concen: 55.172 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021371.D
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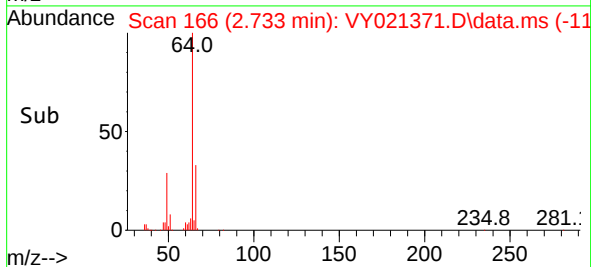
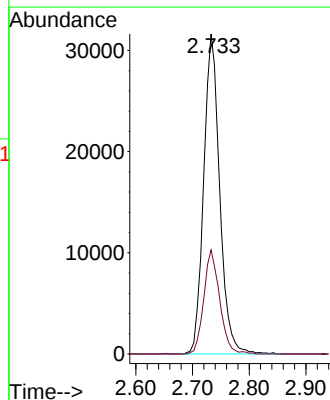
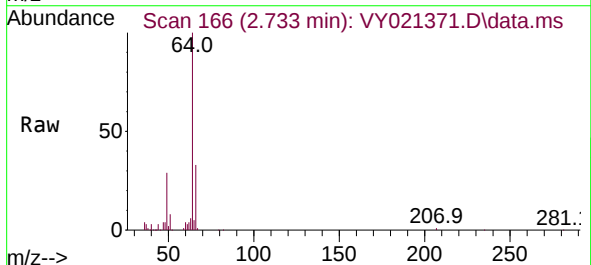
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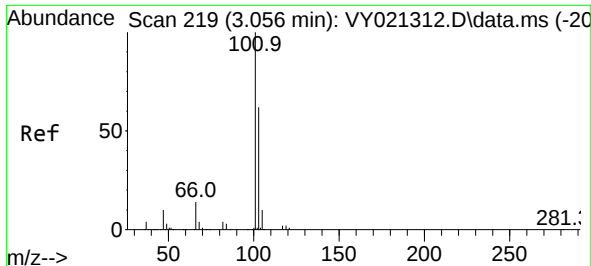
Tgt Ion: 94 Resp: 62142
Ion Ratio Lower Upper
94 100
96 90.9 75.2 112.8



#6
Chloroethane
Concen: 58.976 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021371.D
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Tgt Ion: 64 Resp: 61988
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.0

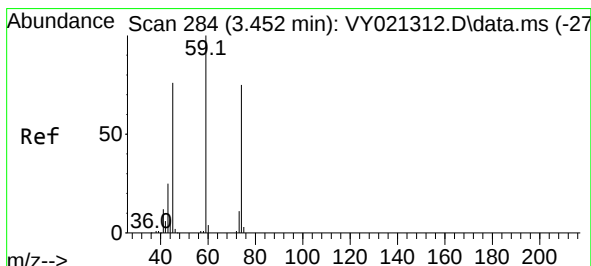
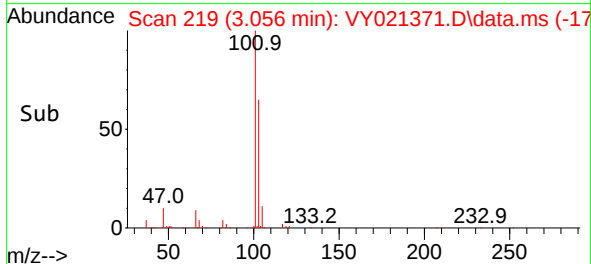
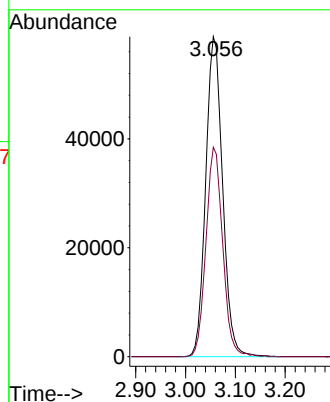
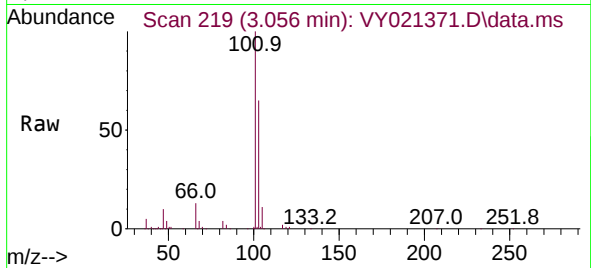




#7
Trichlorofluoromethane
Concen: 54.048 ug/l
RT: 3.056 min Scan# 219
Delta R.T. 0.000 min
Lab File: VY021371.D
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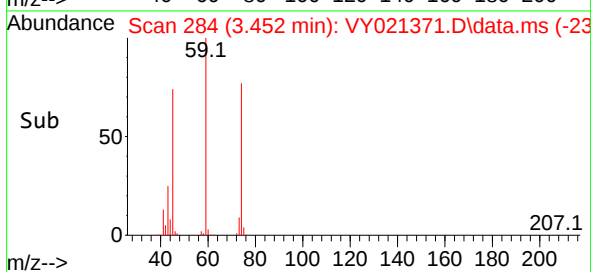
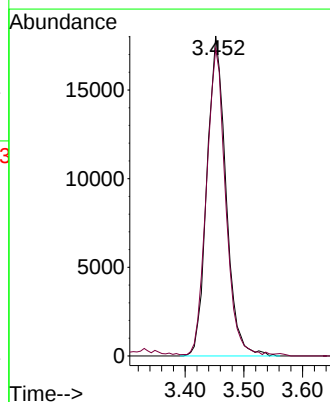
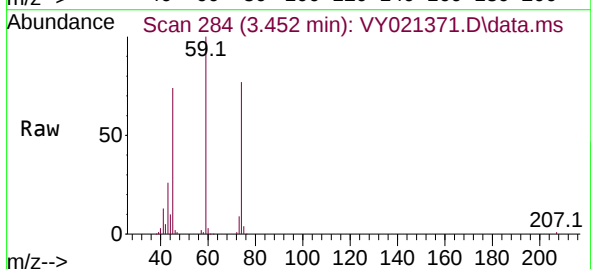
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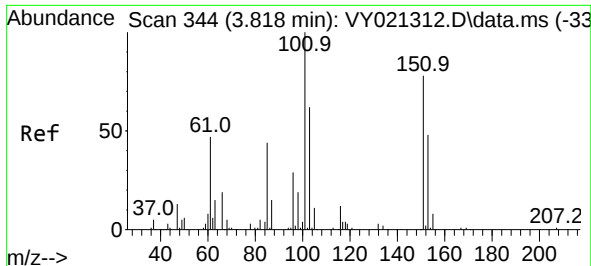
Tgt Ion:101 Resp: 138348
Ion Ratio Lower Upper
101 100
103 65.4 49.7 74.5



#8
Diethyl Ether
Concen: 52.901 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

Tgt Ion: 74 Resp: 40642
Ion Ratio Lower Upper
74 100
45 95.4 50.3 150.9

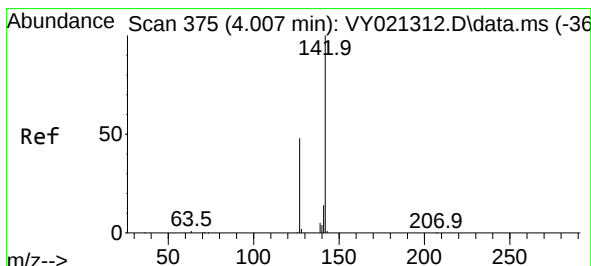
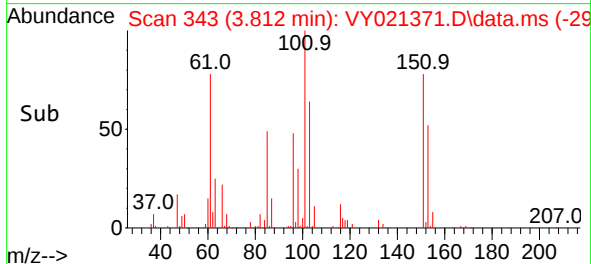
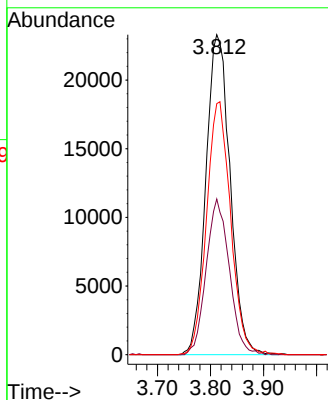
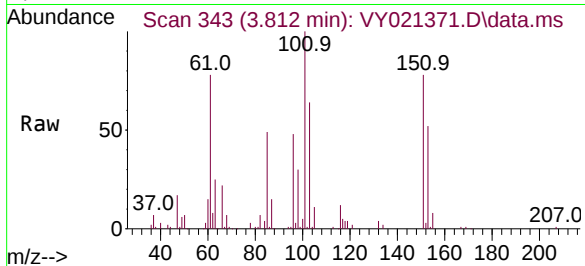




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.912 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

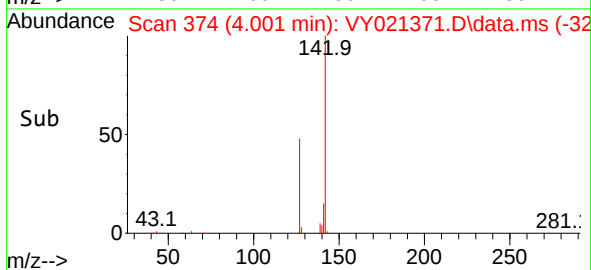
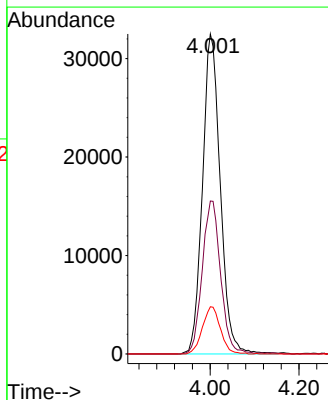
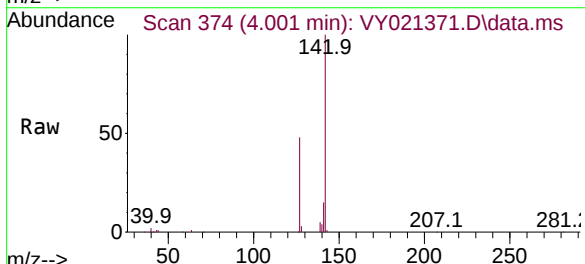
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MS

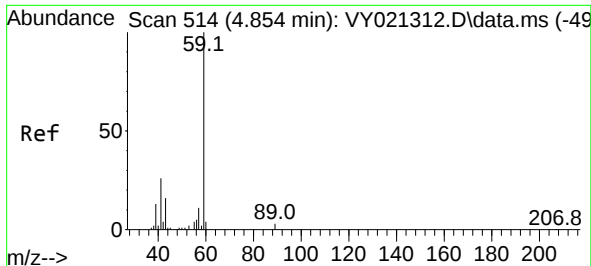
Tgt Ion:101 Resp: 73968
Ion Ratio Lower Upper
101 100
85 46.4 36.7 55.1
151 78.6 62.6 94.0



#10
Methyl Iodide
Concen: 58.124 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

Tgt Ion:142 Resp: 90623
Ion Ratio Lower Upper
142 100
127 49.4 39.2 58.8
141 14.9 11.4 17.2

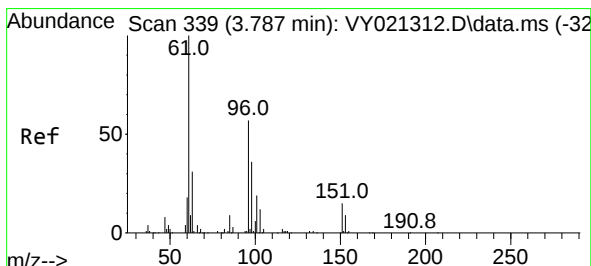
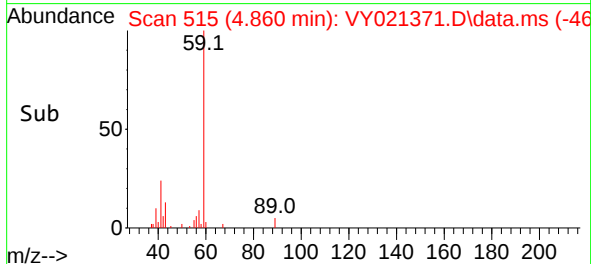
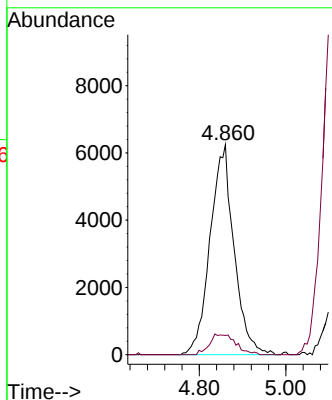
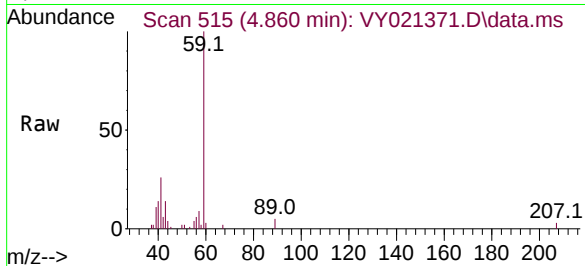




#11
Tert butyl alcohol
Concen: 194.625 ug/l
RT: 4.860 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

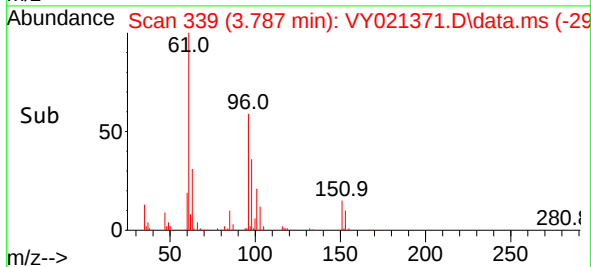
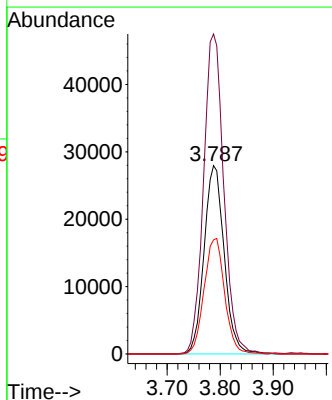
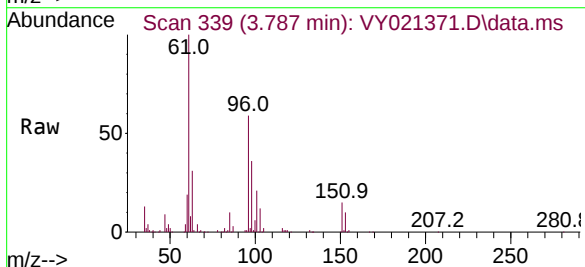
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MS

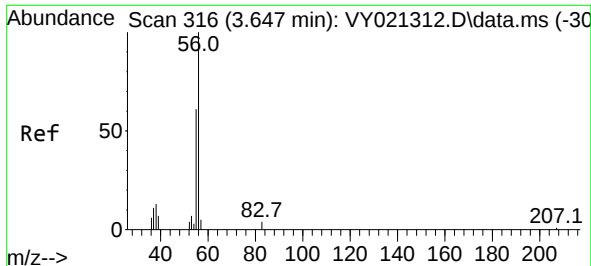
Tgt Ion: 59 Resp: 23950
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 51.995 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

Tgt Ion: 96 Resp: 73781
Ion Ratio Lower Upper
96 100
61 169.9 139.7 209.5
98 60.6 49.7 74.5

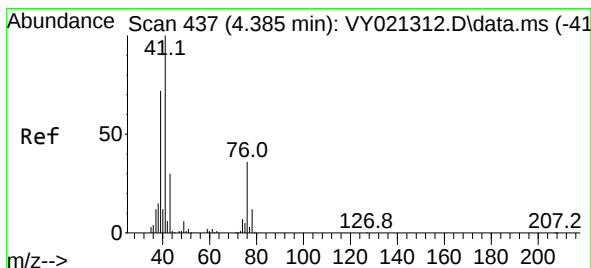
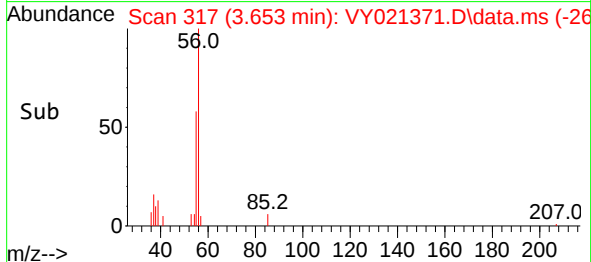
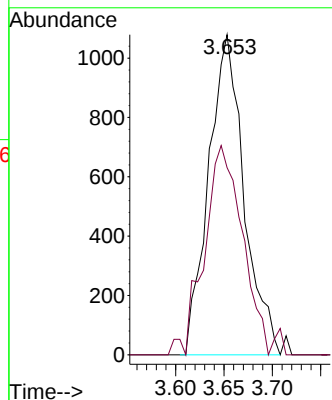
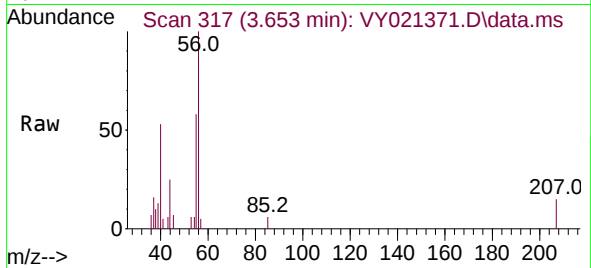




#13
Acrolein
Concen: 29.109 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

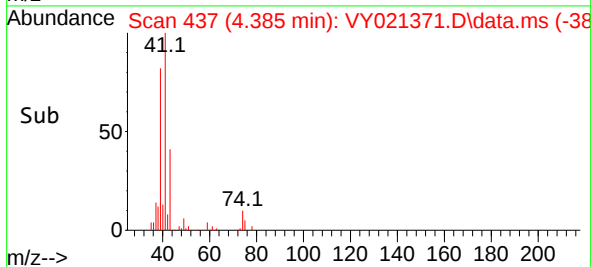
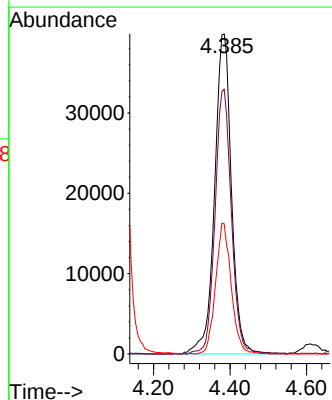
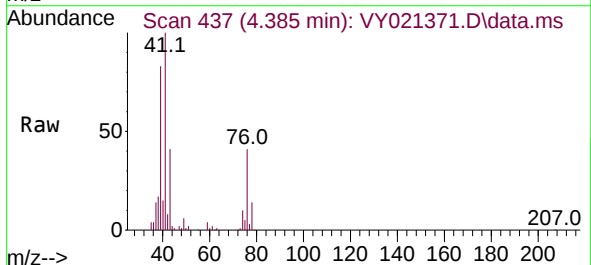
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MS

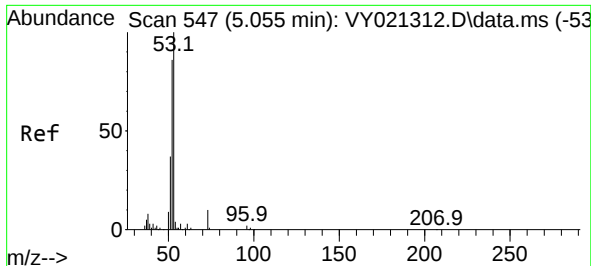
Tgt Ion: 56 Resp: 2745
Ion Ratio Lower Upper
56 100
55 70.3 59.0 88.6



#14
Allyl chloride
Concen: 48.537 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

Tgt Ion: 41 Resp: 122112
Ion Ratio Lower Upper
41 100
39 80.1 60.0 90.0
76 37.8 29.0 43.6

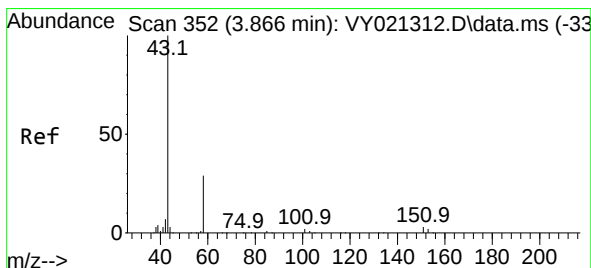
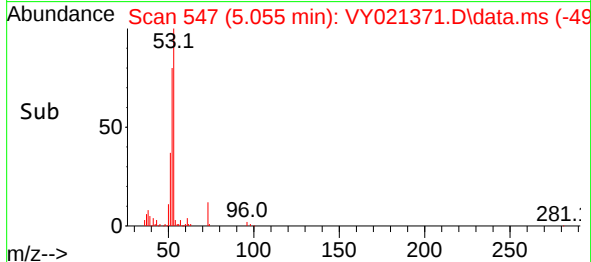
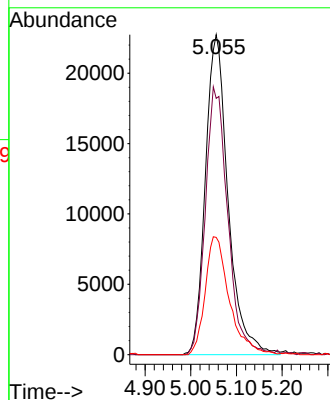
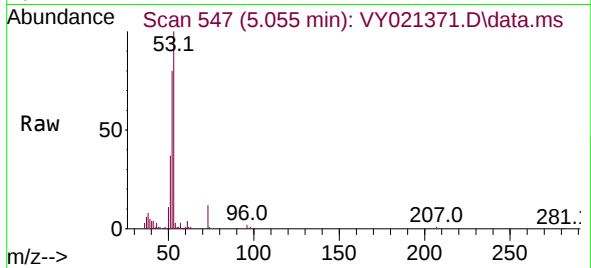




#15
Acrylonitrile
Concen: 230.923 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

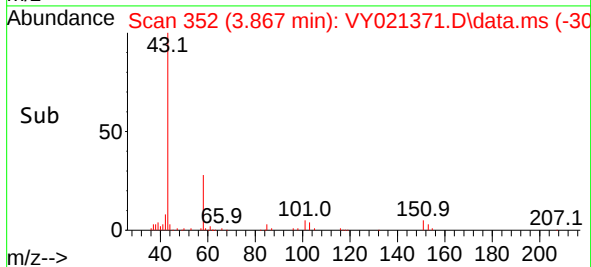
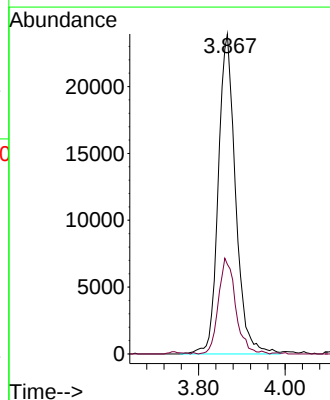
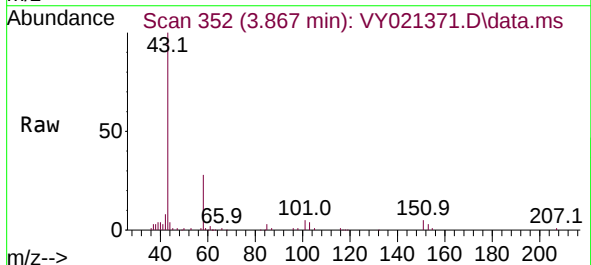
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MS

Tgt Ion: 53 Resp: 78440
Ion Ratio Lower Upper
53 100
52 82.6 65.5 98.3
51 39.2 30.6 46.0



#16
Acetone
Concen: 216.735 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

Tgt Ion: 43 Resp: 66513
Ion Ratio Lower Upper
43 100
58 27.8 23.5 35.3

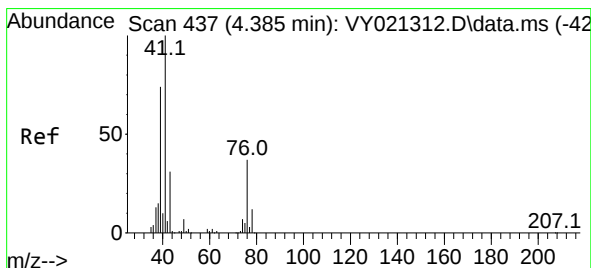
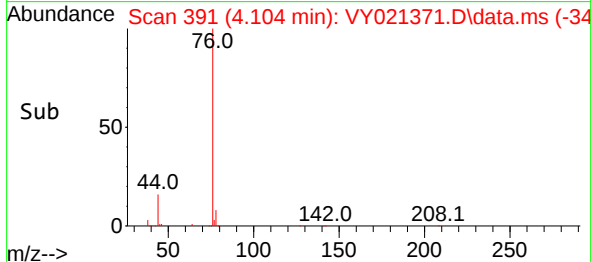
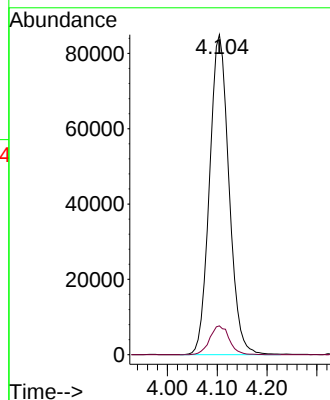
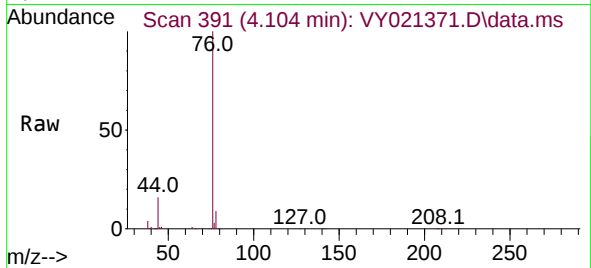




#17
Carbon Disulfide
Concen: 48.856 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

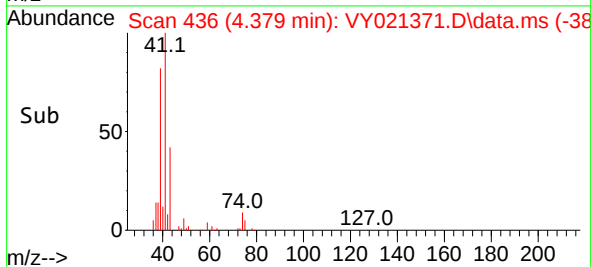
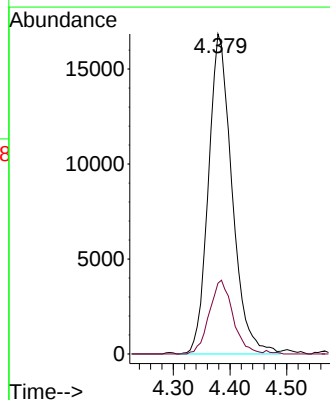
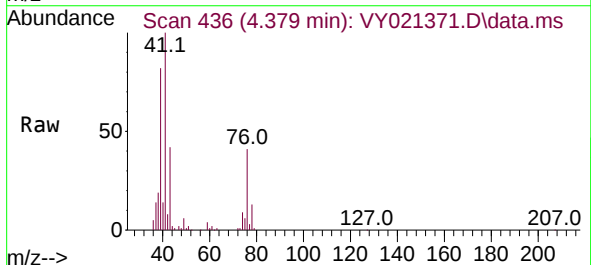
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MS

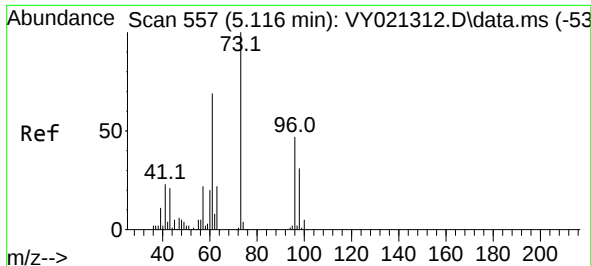
Tgt Ion: 76 Resp: 230205
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 65.091 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

Tgt Ion: 43 Resp: 48818
Ion Ratio Lower Upper
43 100
74 23.0 17.7 26.5

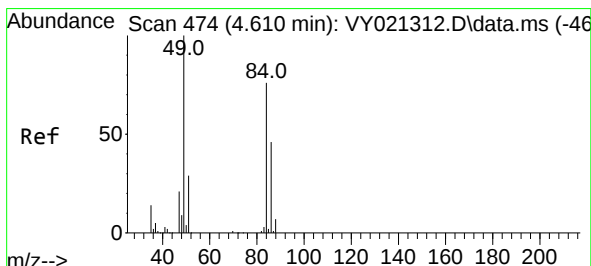
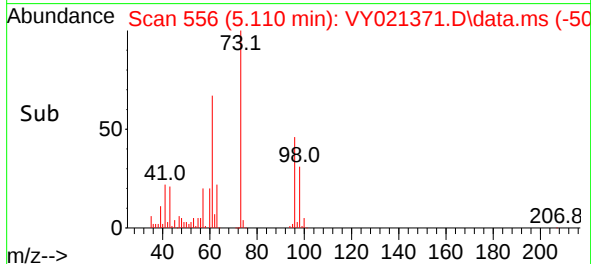
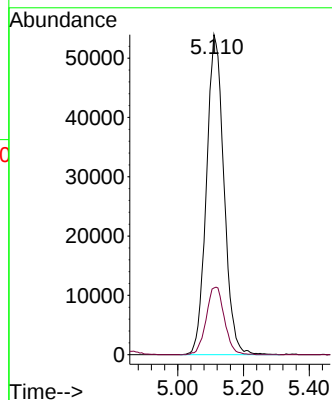
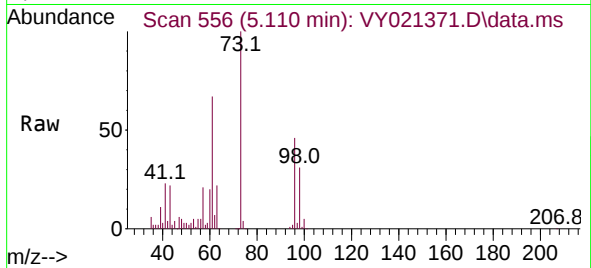




#19
Methyl tert-butyl Ether
Concen: 53.108 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

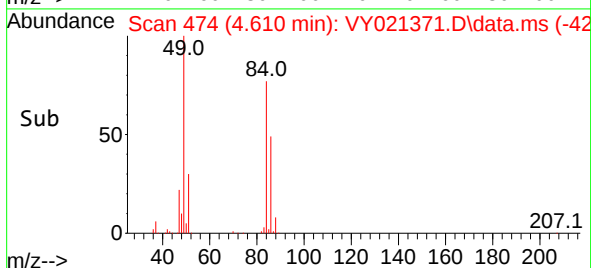
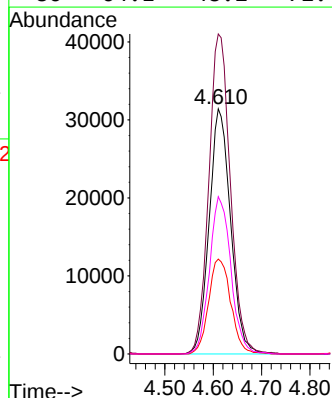
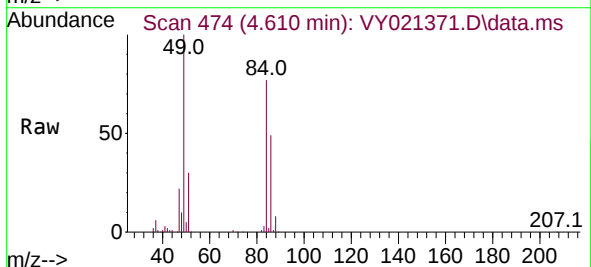
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MS

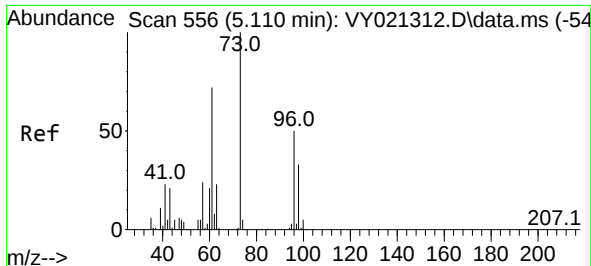
Tgt Ion: 73 Resp: 199105
Ion Ratio Lower Upper
73 100
57 20.8 17.4 26.0



#20
Methylene Chloride
Concen: 58.126 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

Tgt Ion: 84 Resp: 96460
Ion Ratio Lower Upper
84 100
49 130.5 105.1 157.7
51 38.7 31.0 46.4
86 64.1 48.2 72.4

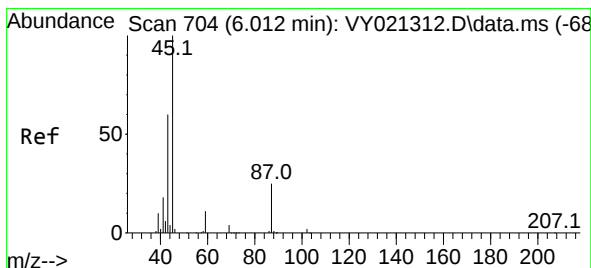
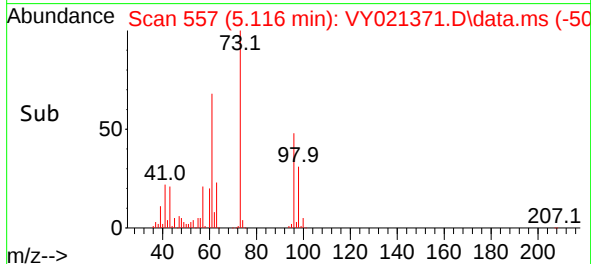
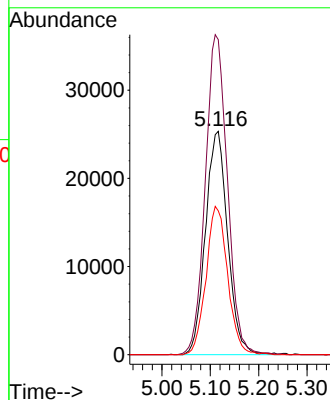
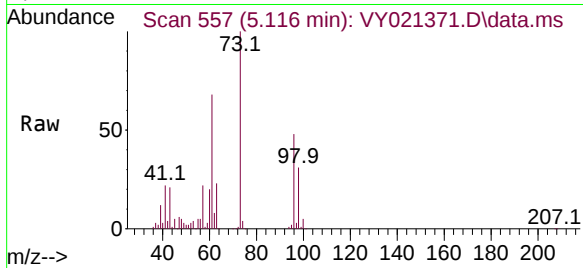




#21
trans-1,2-Dichloroethene
Concen: 51.793 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

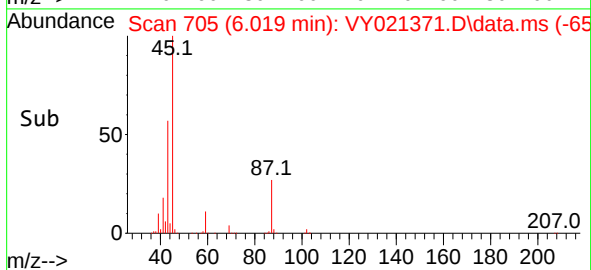
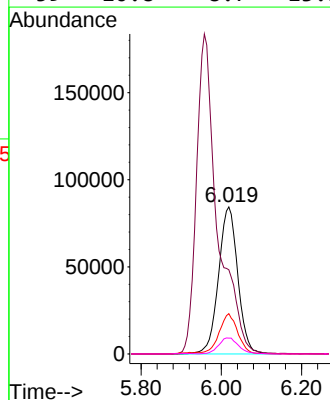
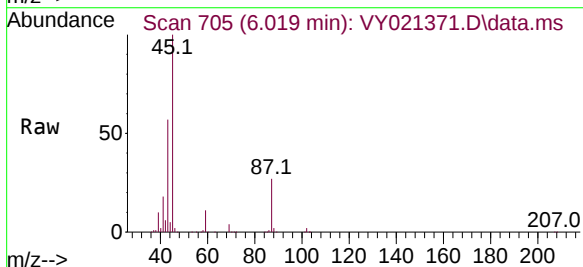
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MS

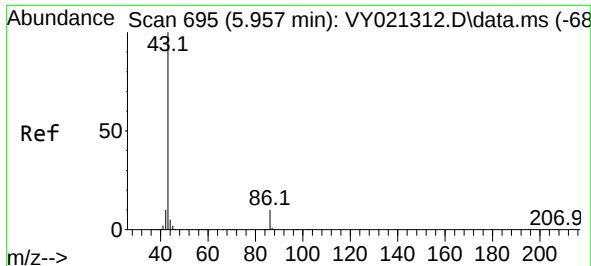
Tgt Ion: 96 Resp: 80907
Ion Ratio Lower Upper
96 100
61 140.7 116.3 174.5
98 64.4 52.6 78.8



#22
Diisopropyl ether
Concen: 54.127 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

Tgt Ion: 45 Resp: 281794
Ion Ratio Lower Upper
45 100
43 56.8 48.2 72.4
87 27.4 20.3 30.5
59 10.8 8.7 13.1

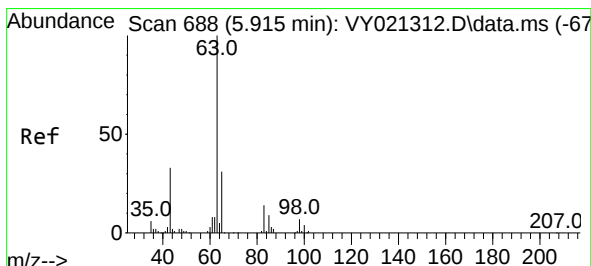
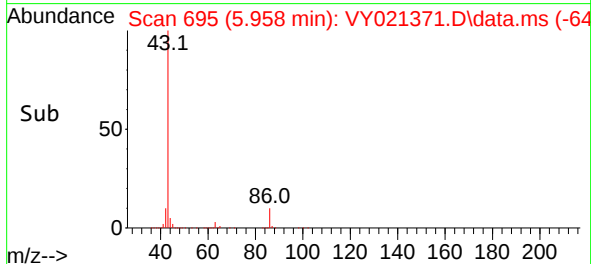
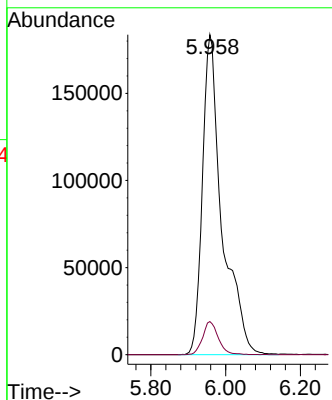
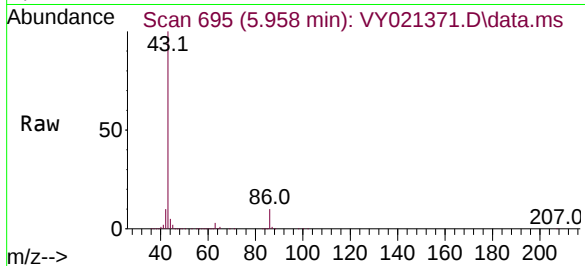




#23
 Vinyl Acetate
 Concen: 214.772 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021371.D
 Acq: 27 Feb 2025 20:15

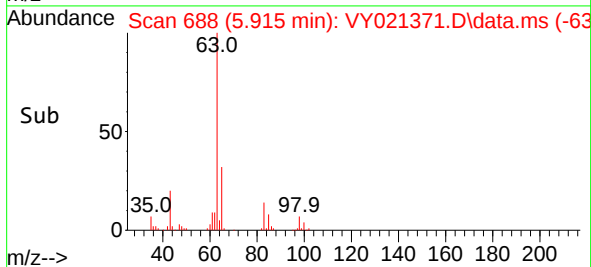
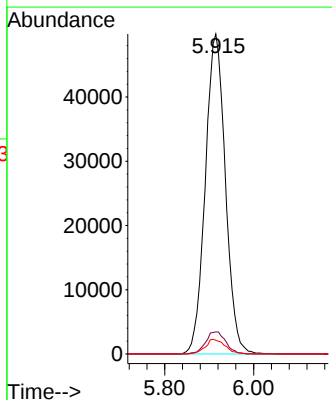
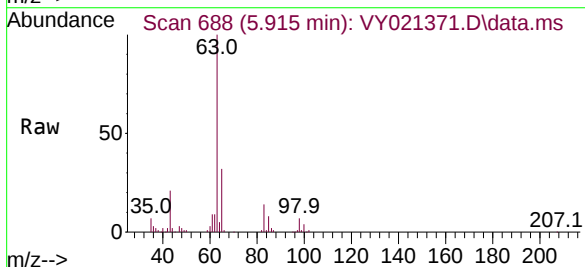
Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-CLAY-CF01-01MS

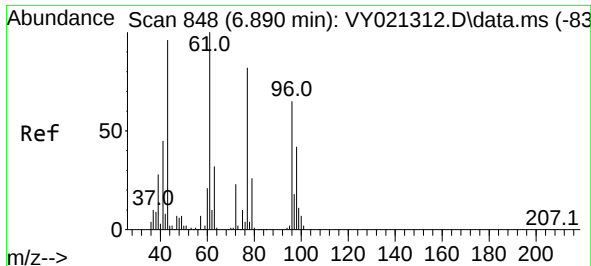
Tgt Ion: 43 Resp: 668166
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 53.324 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021371.D
 Acq: 27 Feb 2025 20:15

Tgt Ion: 63 Resp: 156468
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.7 11.1
 100 4.3 2.1 6.5





#25

2-Butanone

Concen: 220.488 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021371.D

Acq: 27 Feb 2025 20:15

Instrument :

MSVOA_Y

ClientSampleId :

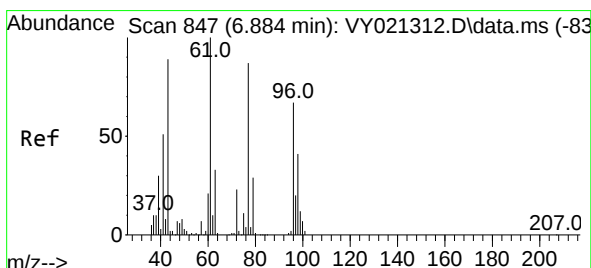
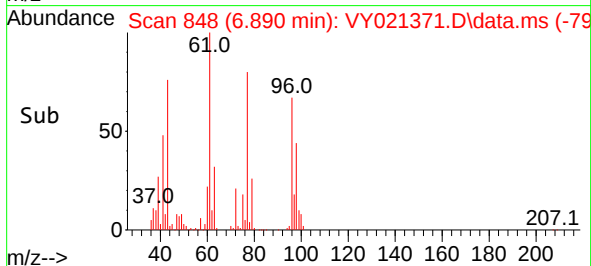
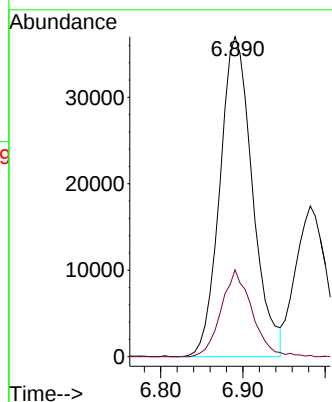
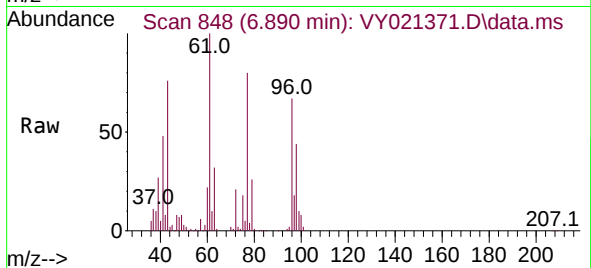
P001-CLAY-CF01-01MS

Tgt Ion: 43 Resp: 102122

Ion Ratio Lower Upper

43 100

72 27.2 19.0 28.6



#26

2,2-Dichloropropane

Concen: 48.659 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021371.D

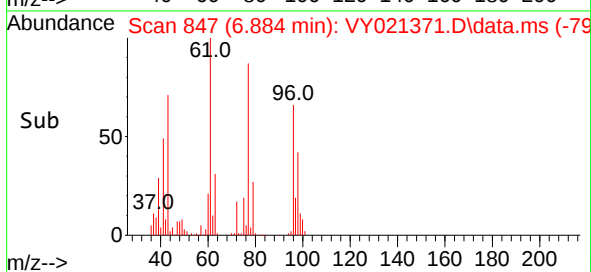
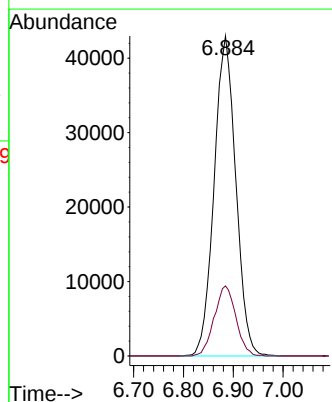
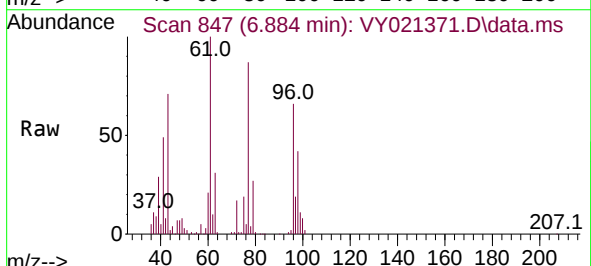
Acq: 27 Feb 2025 20:15

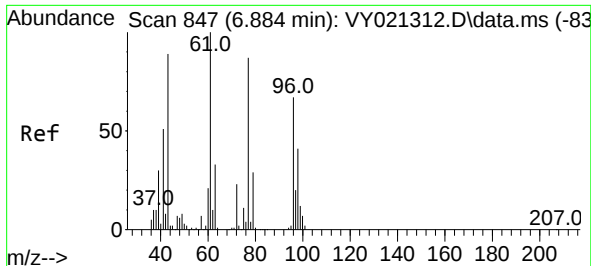
Tgt Ion: 77 Resp: 129555

Ion Ratio Lower Upper

77 100

97 21.9 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 52.388 ug/l

RT: 6.884 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY021371.D

Acq: 27 Feb 2025 20:15

Instrument :

MSVOA_Y

ClientSampleId :

P001-CLAY-CF01-01MS

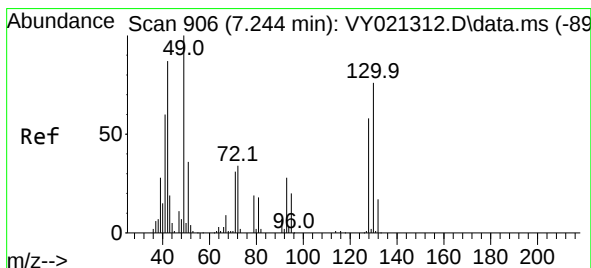
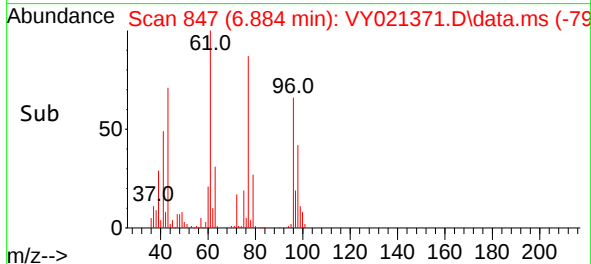
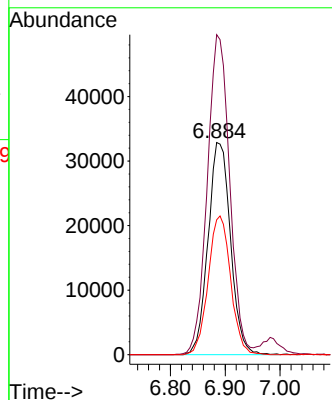
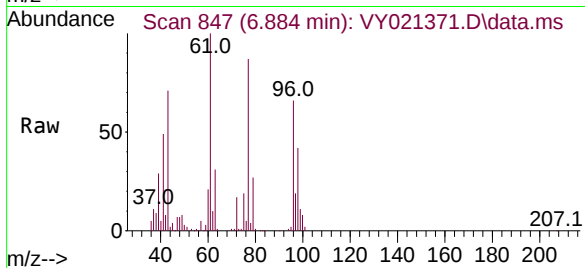
Tgt Ion: 96 Resp: 93450

Ion Ratio Lower Upper

96 100

61 150.4 0.0 308.0

98 65.2 0.0 129.6



#28

Bromochloromethane

Concen: 43.156 ug/l

RT: 7.238 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY021371.D

Acq: 27 Feb 2025 20:15

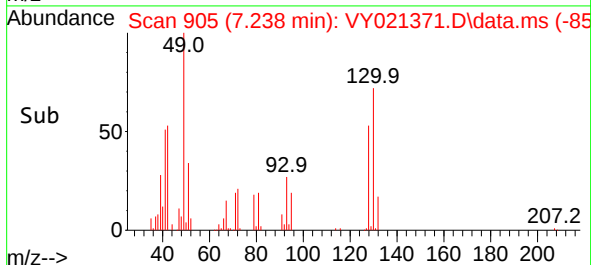
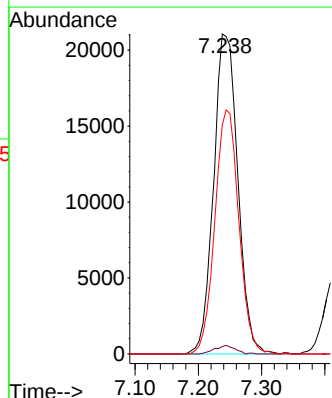
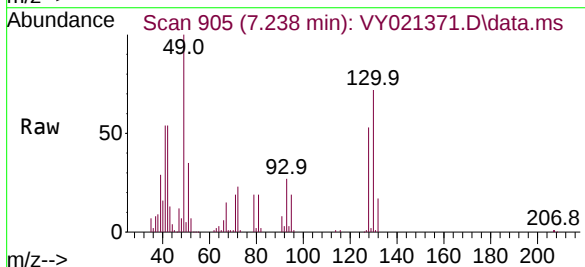
Tgt Ion: 49 Resp: 56032

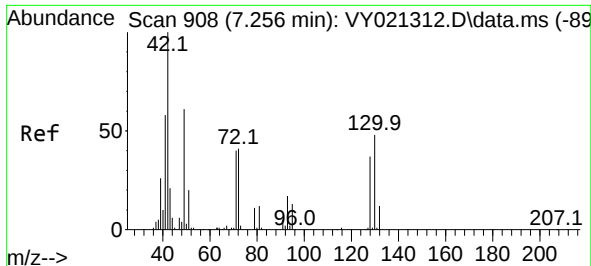
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.0

130 75.4 57.8 86.6





#29

Tetrahydrofuran

Concen: 224.174 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY021371.D

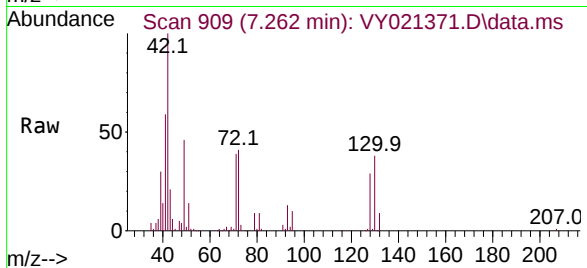
Acq: 27 Feb 2025 20:15

Instrument :

MSVOA_Y

ClientSampleId :

P001-CLAY-CF01-01MS



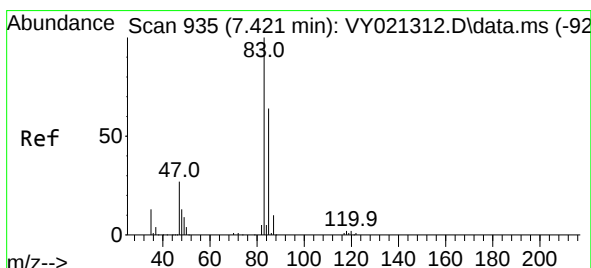
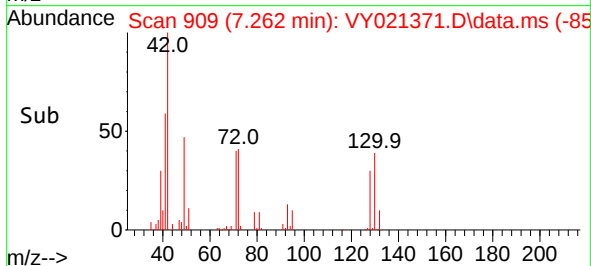
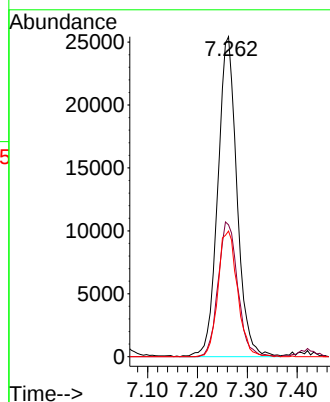
Tgt Ion: 42 Resp: 67868

Ion Ratio Lower Upper

42 100

72 43.0 33.1 49.7

71 40.0 31.4 47.0



#30

Chloroform

Concen: 54.836 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021371.D

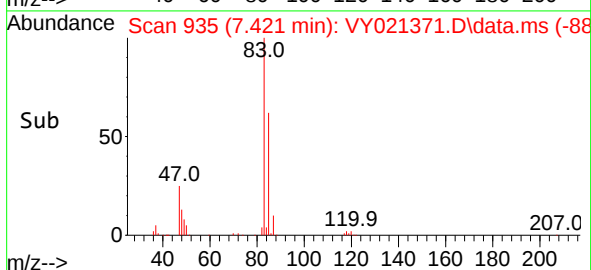
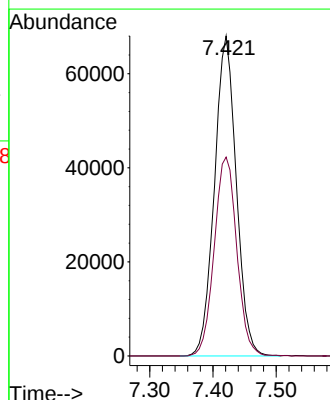
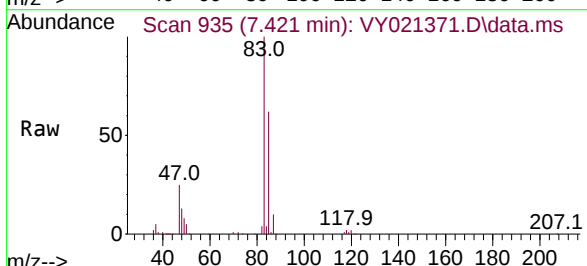
Acq: 27 Feb 2025 20:15

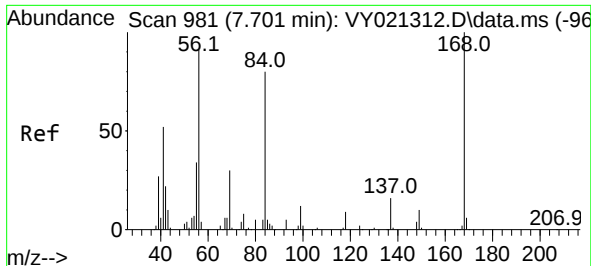
Tgt Ion: 83 Resp: 163043

Ion Ratio Lower Upper

83 100

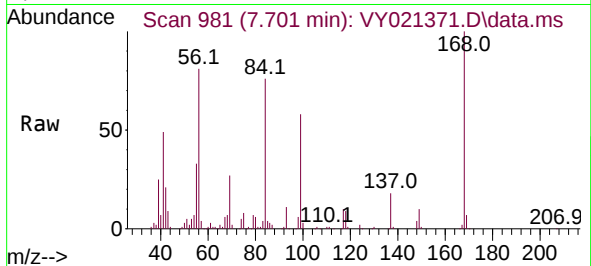
85 62.1 51.6 77.4



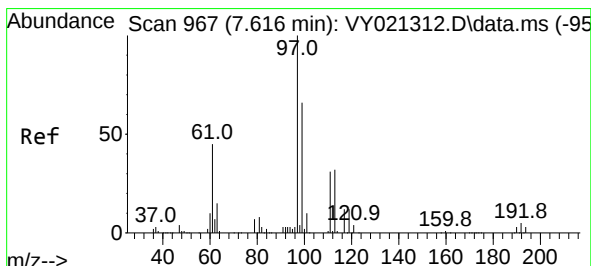
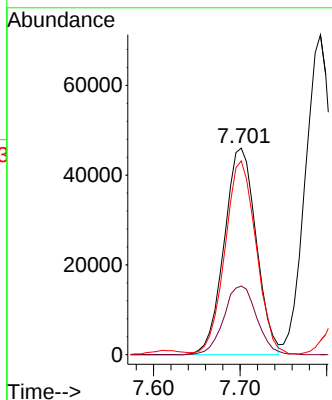
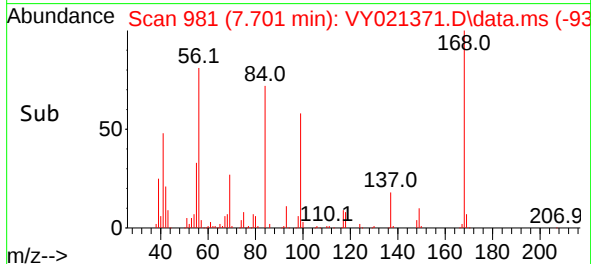


#31
Cyclohexane
Concen: 41.900 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

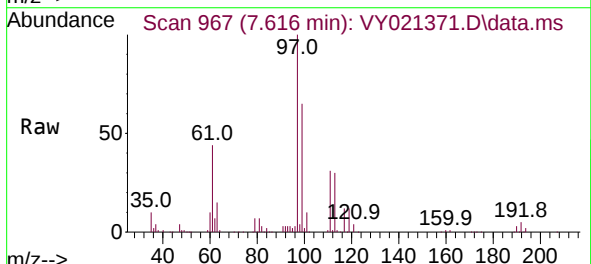
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MS



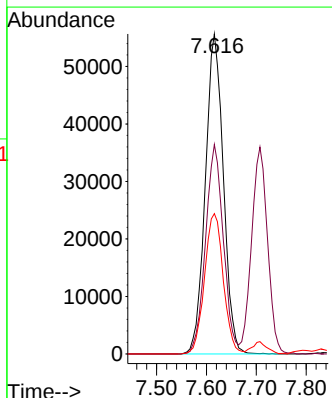
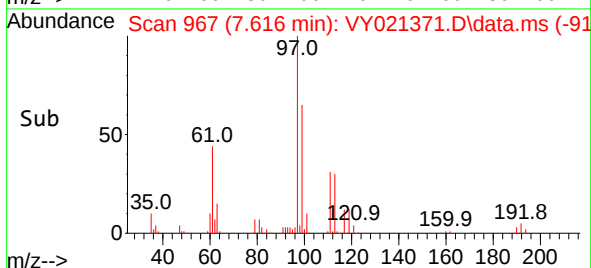
Tgt Ion: 56 Resp: 118183
Ion Ratio Lower Upper
56 100
69 33.3 26.2 39.4
84 92.3 70.2 105.4

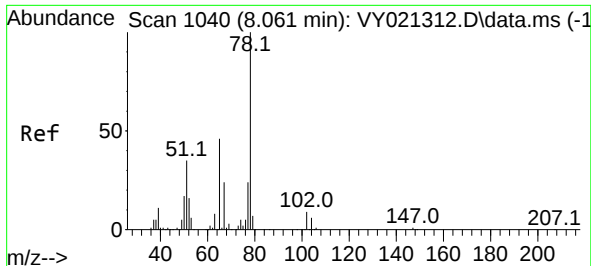


#32
1,1,1-Trichloroethane
Concen: 51.598 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15



Tgt Ion: 97 Resp: 139641
Ion Ratio Lower Upper
97 100
99 64.8 52.4 78.6
61 45.7 36.2 54.2

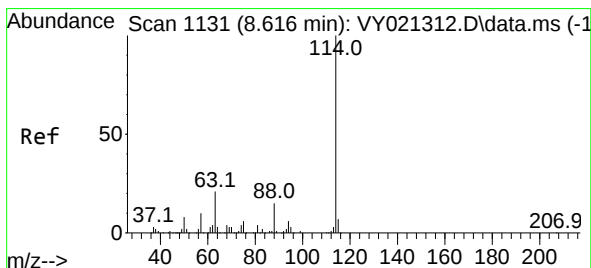
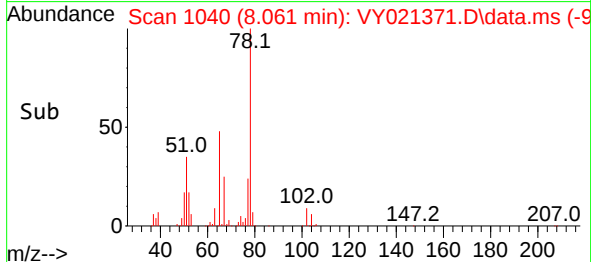
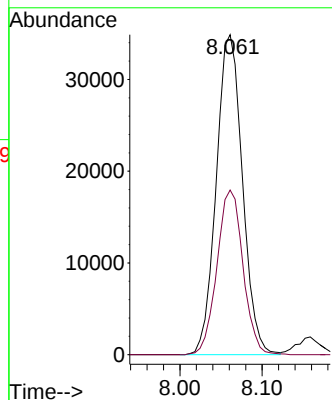
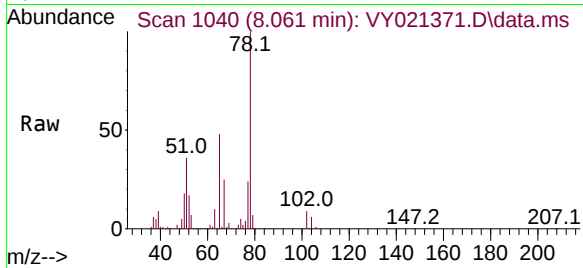




#33
 1,2-Dichloroethane-d4
 Concen: 48.272 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY021371.D
 Acq: 27 Feb 2025 20:15

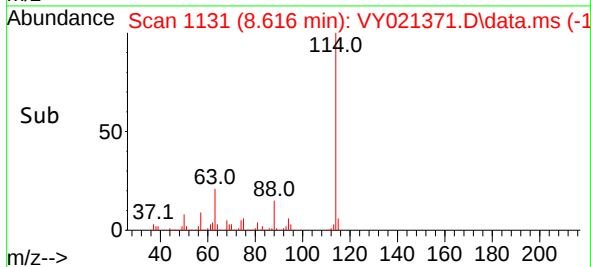
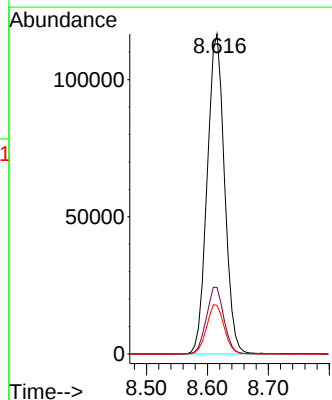
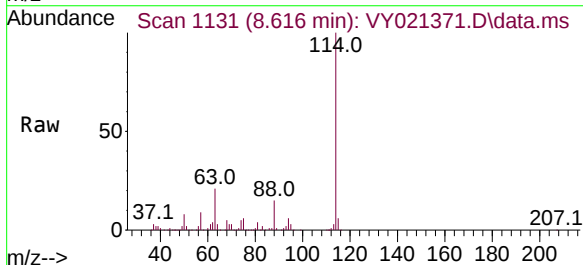
Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-CLAY-CF01-01MS

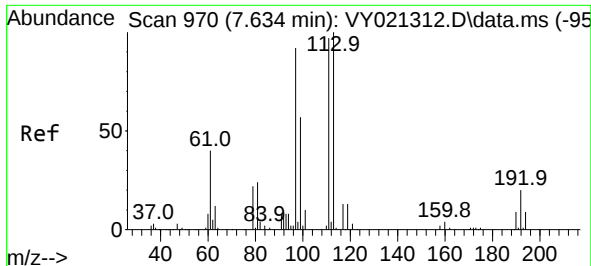
Tgt Ion: 65 Resp: 77228
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY021371.D
 Acq: 27 Feb 2025 20:15

Tgt Ion: 114 Resp: 230342
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.2
 88 15.2 0.0 29.8

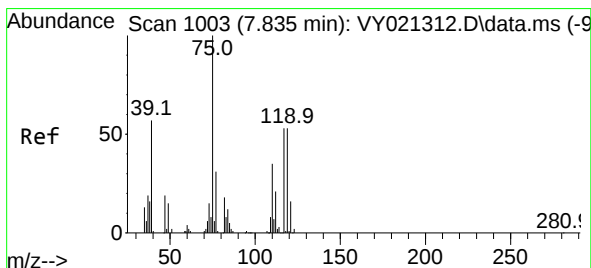
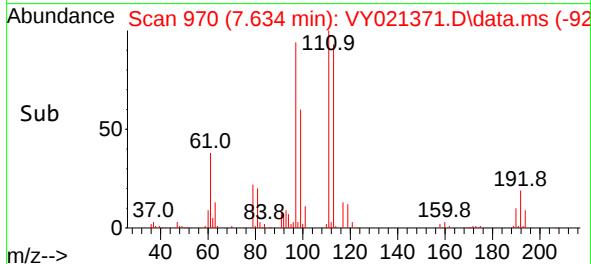
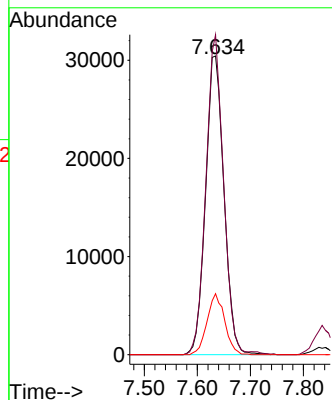
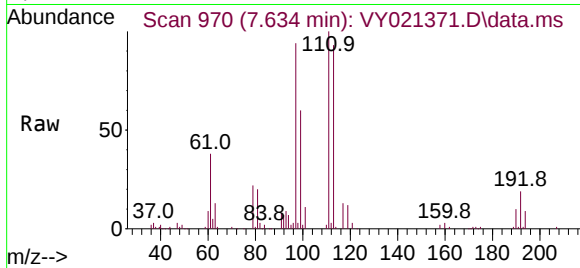




#35
Dibromofluoromethane
Concen: 48.643 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

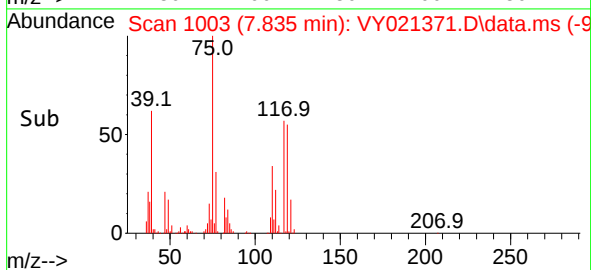
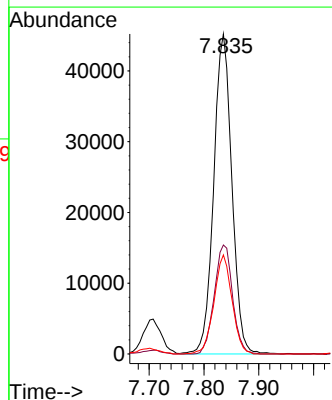
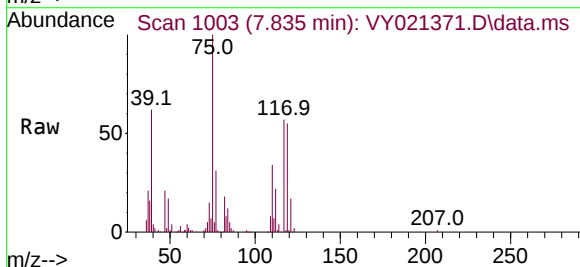
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MS

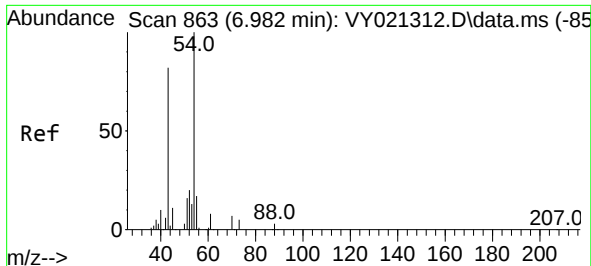
Tgt Ion:	113	Resp:	73458
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.0	121.6
192	19.6	15.8	23.8



#36
1,1-Dichloropropene
Concen: 45.842 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

Tgt Ion:	75	Resp:	103987
Ion	Ratio	Lower	Upper
75	100		
110	34.3	16.9	50.7
77	30.7	24.6	36.8





#37

Ethyl Acetate

Concen: 41.660 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY021371.D

Acq: 27 Feb 2025 20:15

Instrument :

MSVOA_Y

ClientSampleId :

P001-CLAY-CF01-01MS

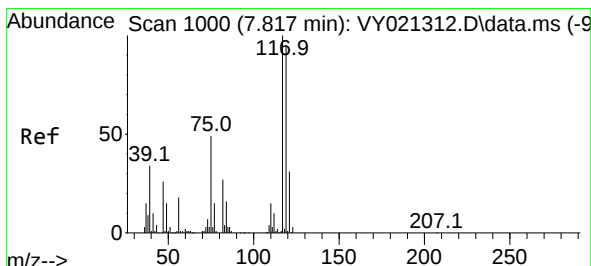
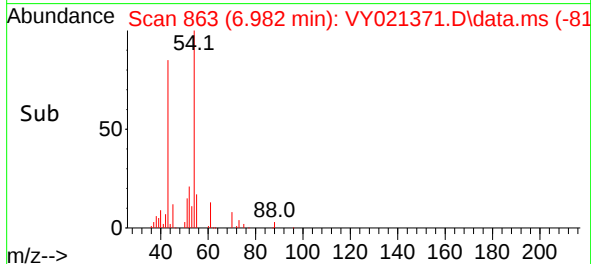
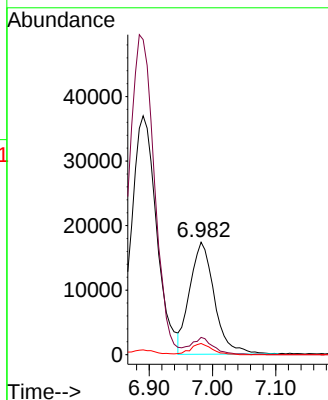
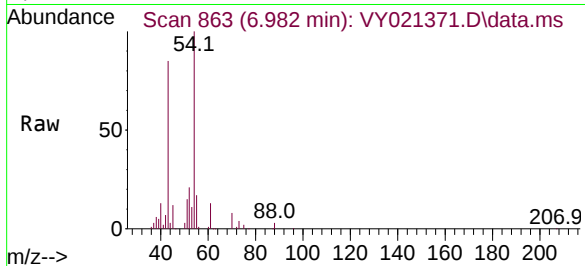
Tgt Ion: 43 Resp: 47008

Ion Ratio Lower Upper

43 100

61 13.9 10.4 15.6

70 8.6 7.5 11.3



#38

Carbon Tetrachloride

Concen: 46.325 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY021371.D

Acq: 27 Feb 2025 20:15

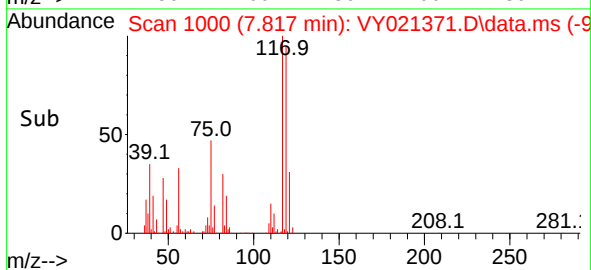
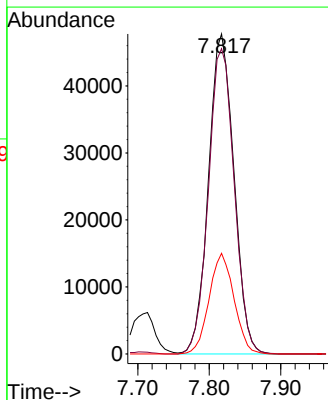
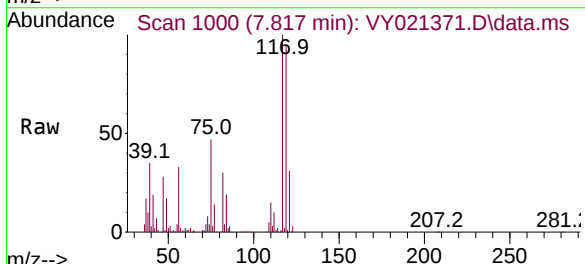
Tgt Ion: 117 Resp: 118138

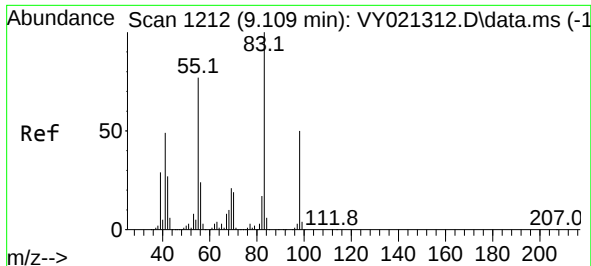
Ion Ratio Lower Upper

117 100

119 95.4 76.0 114.0

121 31.5 24.9 37.3

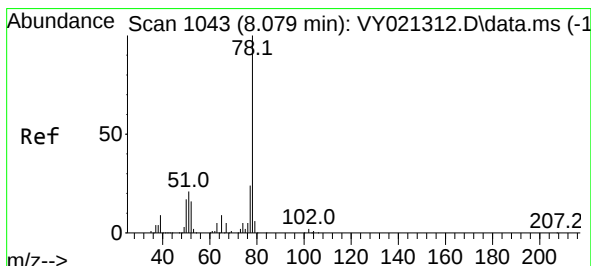
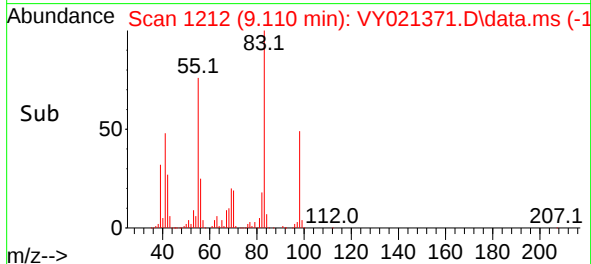
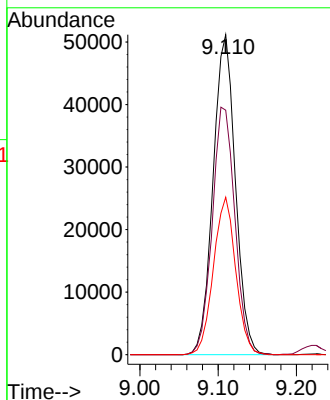
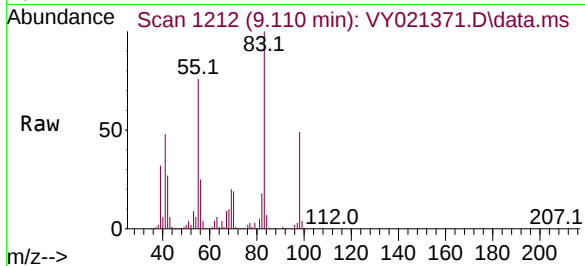




#39
Methylcyclohexane
Concen: 35.311 ug/l
RT: 9.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

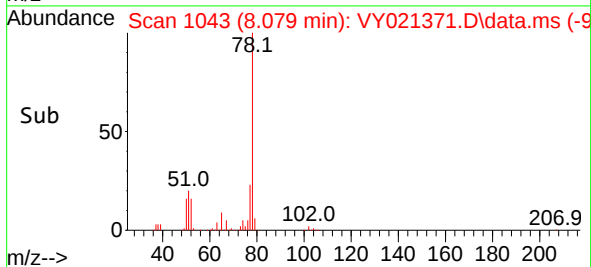
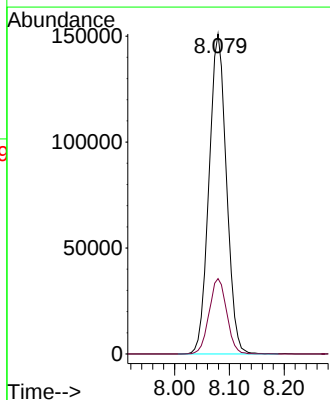
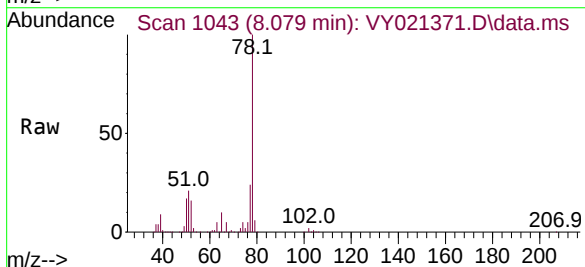
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MS

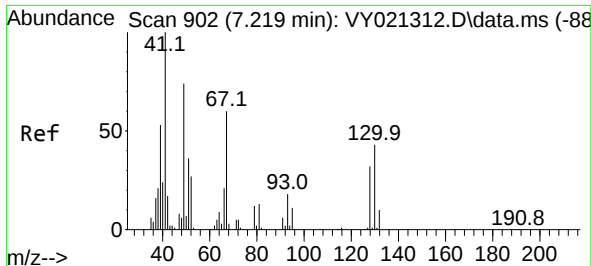
Tgt Ion: 83 Resp: 101311
Ion Ratio Lower Upper
83 100
55 76.4 61.3 91.9
98 49.2 39.9 59.9



#40
Benzene
Concen: 49.613 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

Tgt Ion: 78 Resp: 332686
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8

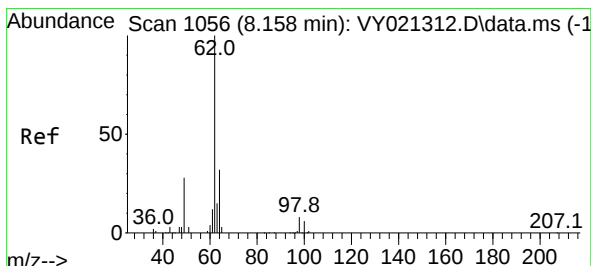
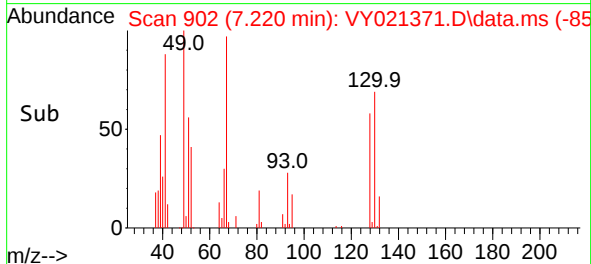
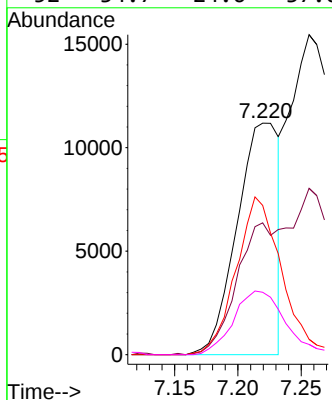
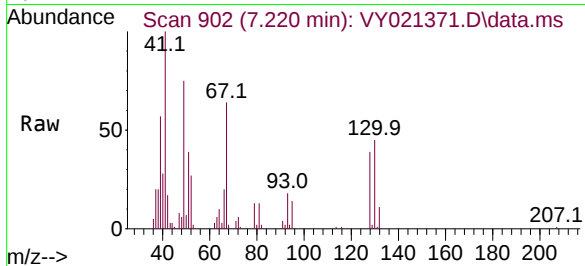




#41
Methacrylonitrile
Concen: 40.787 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

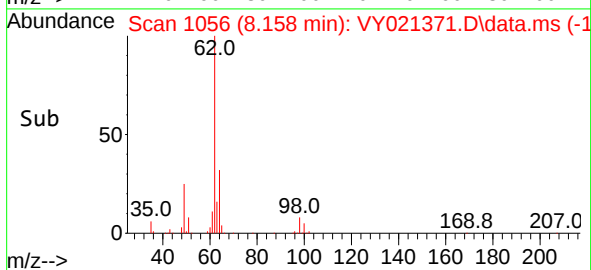
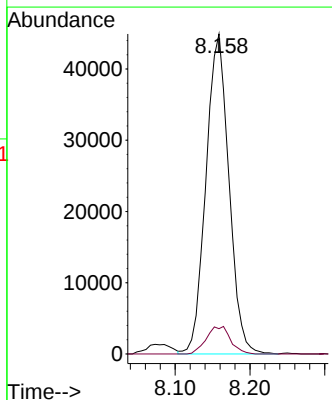
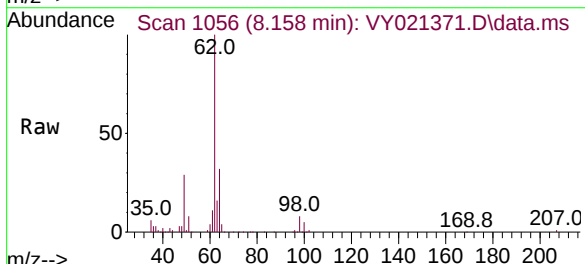
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MS

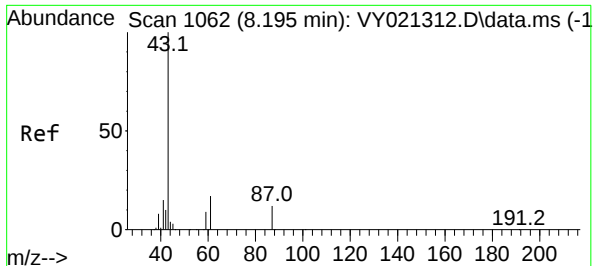
Tgt Ion:	41	Resp:	25732
Ion	Ratio	Lower	Upper
41	100		
39	47.7	42.3	63.5
67	74.7	54.8	82.2
52	34.7	24.6	37.0



#42
1,2-Dichloroethane
Concen: 50.504 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

Tgt Ion:	62	Resp:	96084
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.6

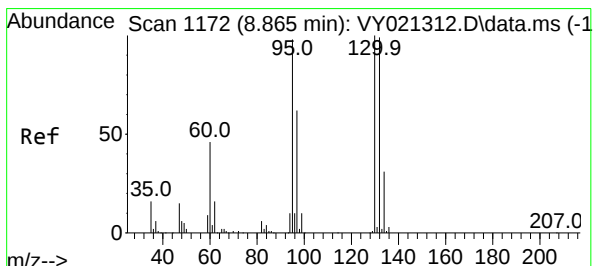
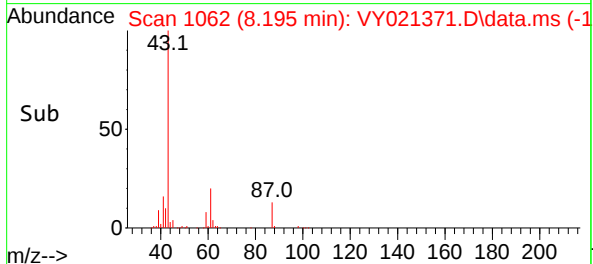
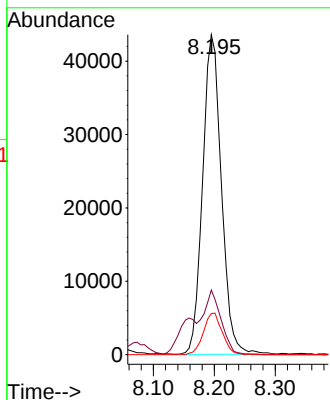
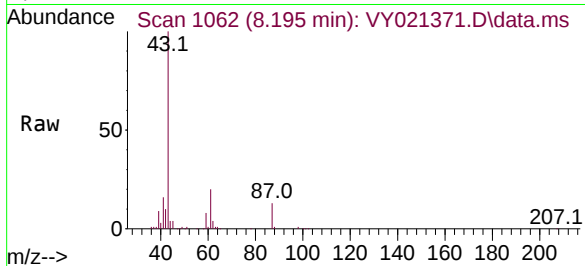




#43
Isopropyl Acetate
Concen: 42.793 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

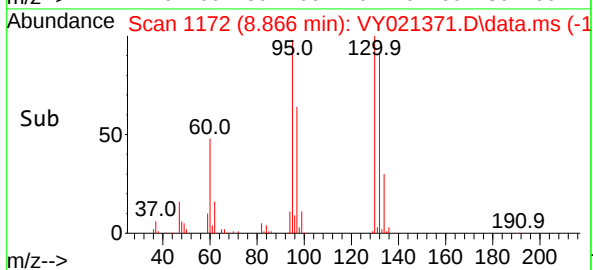
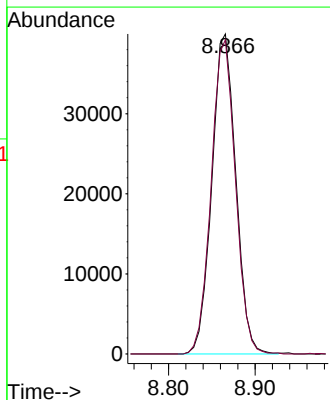
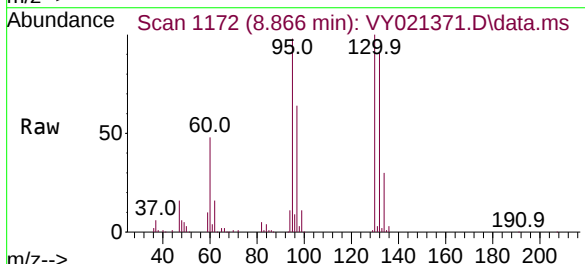
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MS

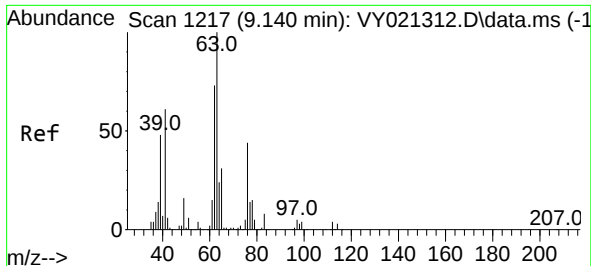
Tgt Ion: 43 Resp: 93462
Ion Ratio Lower Upper
43 100
61 19.3 15.0 22.6
87 13.0 10.0 15.0



#44
Trichloroethene
Concen: 45.750 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

Tgt Ion: 130 Resp: 76806
Ion Ratio Lower Upper
130 100
95 98.2 0.0 196.0





#45

1,2-Dichloropropane

Concen: 49.233 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021371.D

Acq: 27 Feb 2025 20:15

Instrument :

MSVOA_Y

ClientSampleId :

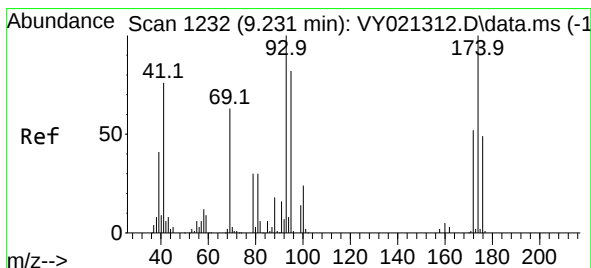
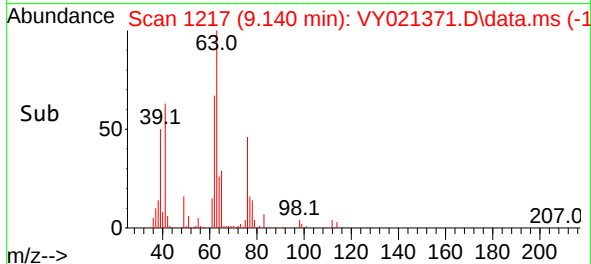
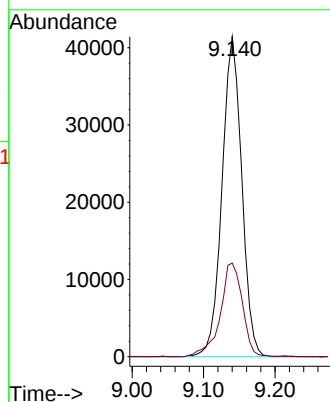
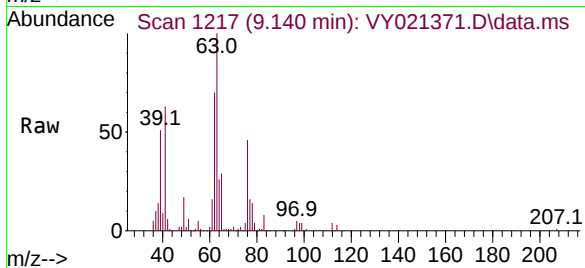
P001-CLAY-CF01-01MS

Tgt Ion: 63 Resp: 79449

Ion Ratio Lower Upper

63 100

65 29.2 24.6 36.8



#46

Dibromomethane

Concen: 48.439 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021371.D

Acq: 27 Feb 2025 20:15

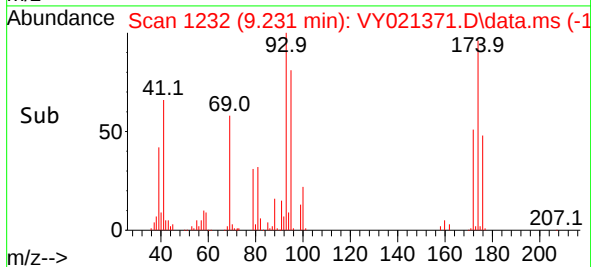
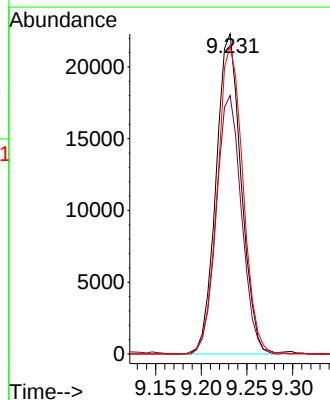
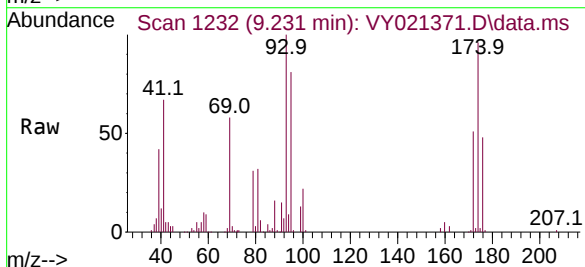
Tgt Ion: 93 Resp: 42728

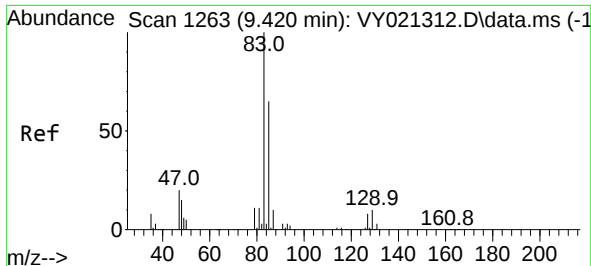
Ion Ratio Lower Upper

93 100

95 80.9 66.4 99.6

174 97.8 78.2 117.2

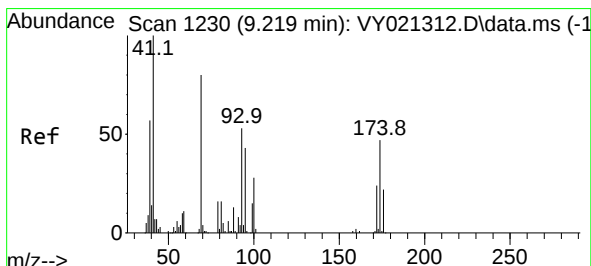
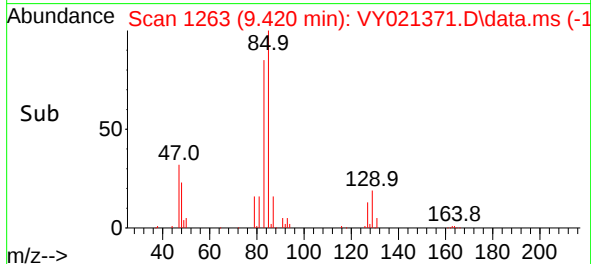
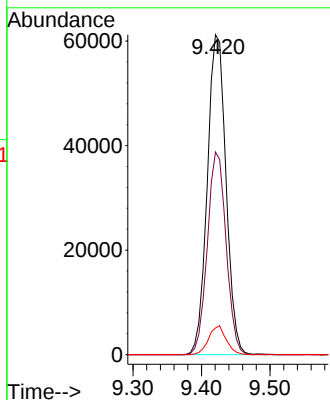
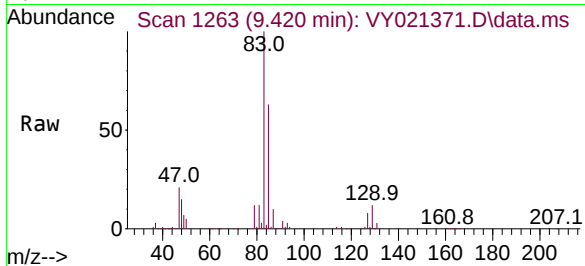




#47
Bromodichloromethane
Concen: 49.446 ug/l
RT: 9.420 min Scan# 116295
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

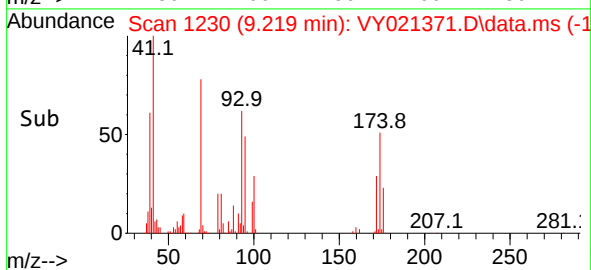
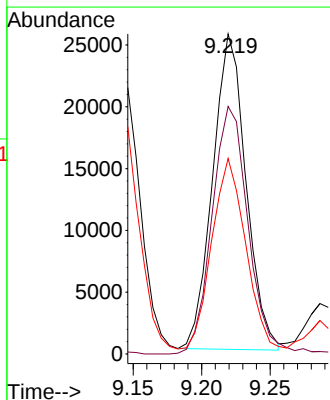
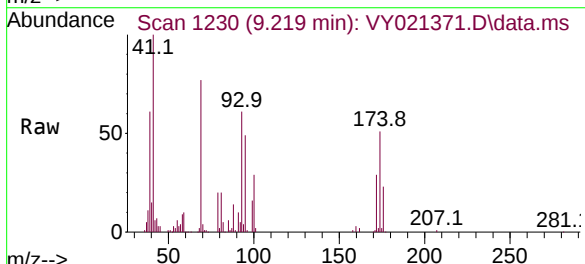
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MS

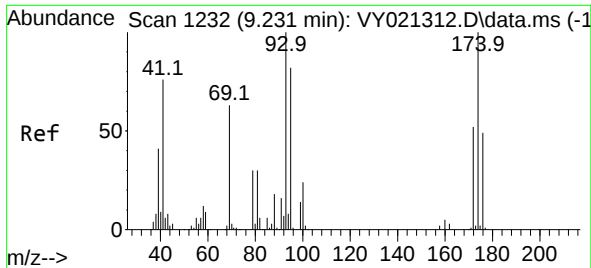
Tgt Ion: 83 Resp: 116295
Ion Ratio Lower Upper
83 100
85 63.3 51.8 77.8
127 8.4 6.7 10.1



#48
Methyl methacrylate
Concen: 42.222 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

Tgt Ion: 41 Resp: 43122
Ion Ratio Lower Upper
41 100
69 86.1 63.3 94.9
39 65.3 45.0 67.6

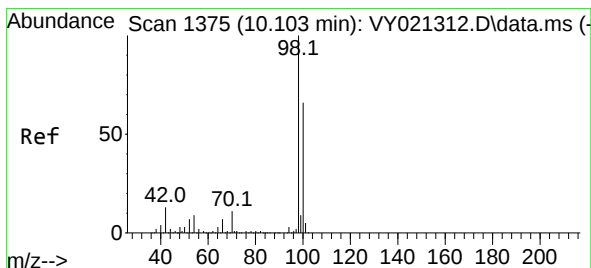
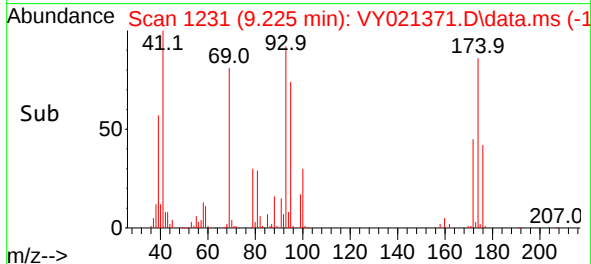
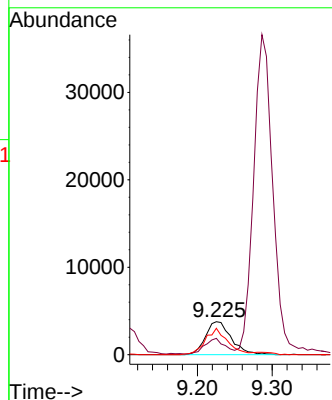
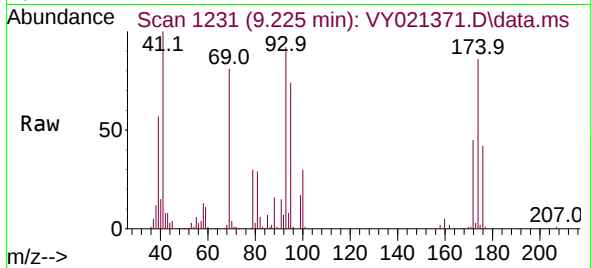




#49
1,4-Dioxane
Concen: 922.812 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

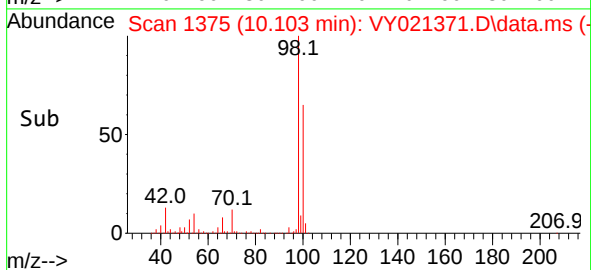
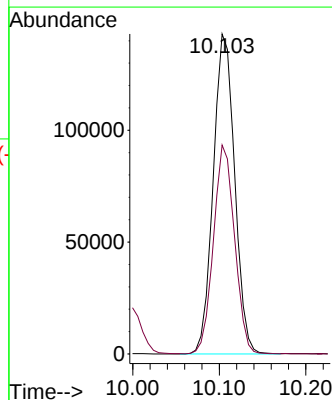
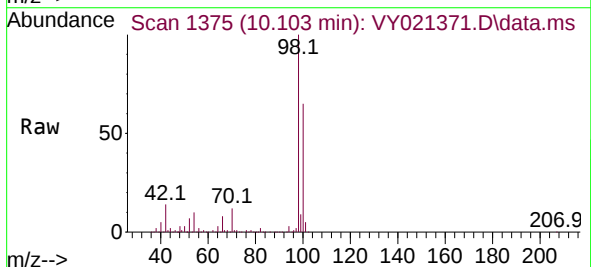
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MS

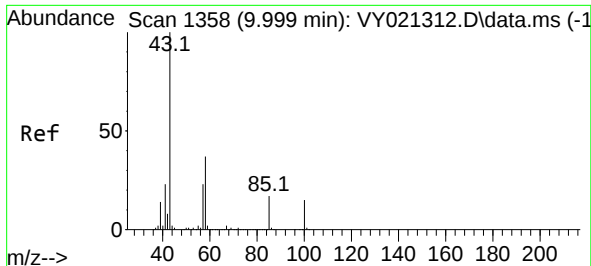
Tgt Ion: 88 Resp: 9051
Ion Ratio Lower Upper
88 100
43 37.0 34.8 52.2
58 69.5 59.8 89.6



#50
Toluene-d8
Concen: 42.158 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

Tgt Ion: 98 Resp: 246044
Ion Ratio Lower Upper
98 100
100 64.4 52.4 78.6

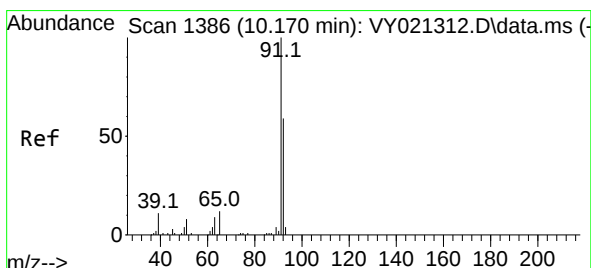
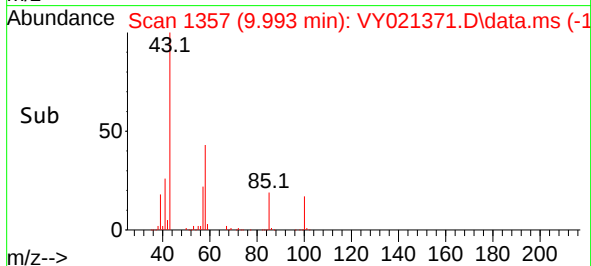
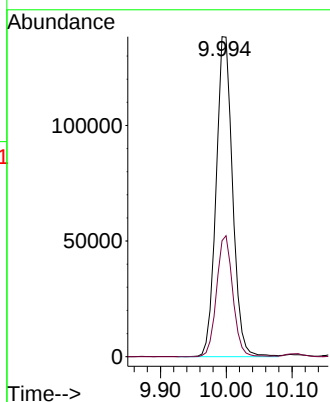
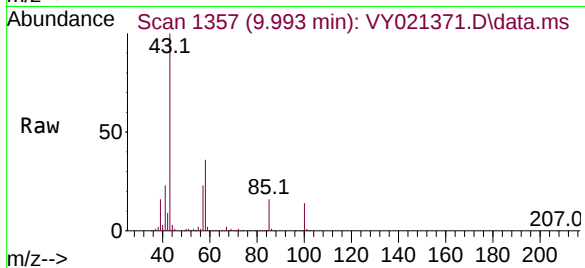




#51
4-Methyl-2-Pentanone
Concen: 215.981 ug/l
RT: 9.993 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

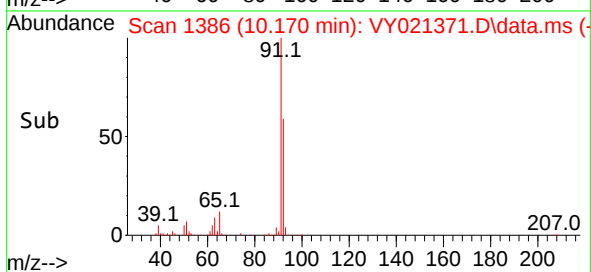
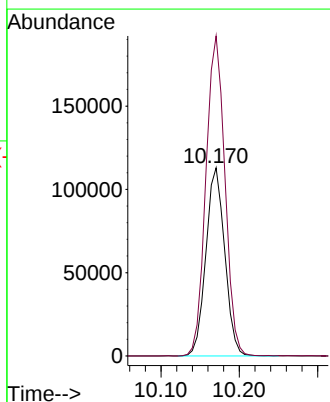
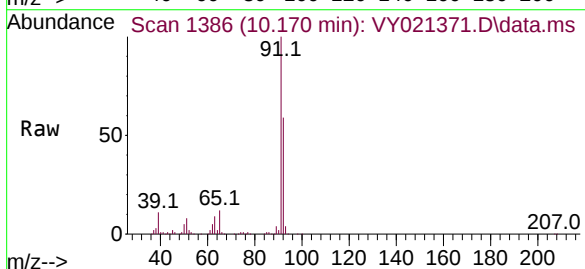
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MS

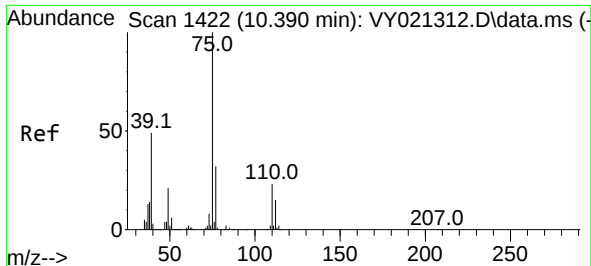
Tgt Ion: 43 Resp: 241466
Ion Ratio Lower Upper
43 100
58 37.2 30.1 45.1



#52
Toluene
Concen: 45.270 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

Tgt Ion: 92 Resp: 188579
Ion Ratio Lower Upper
92 100
91 171.7 137.8 206.8

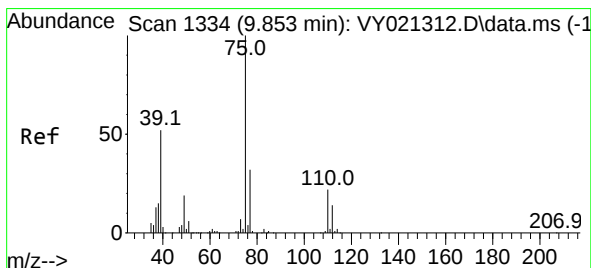
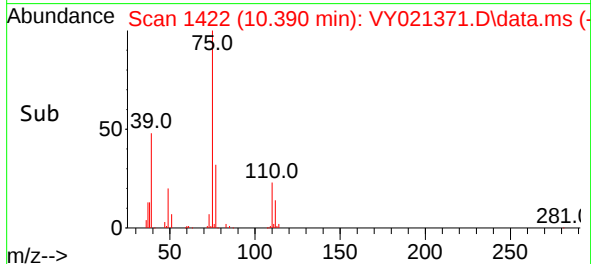
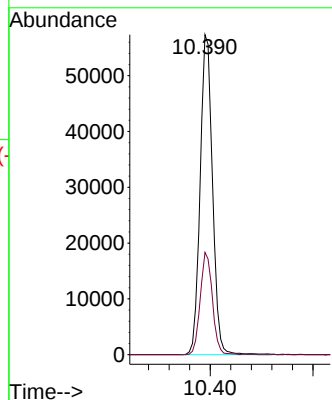
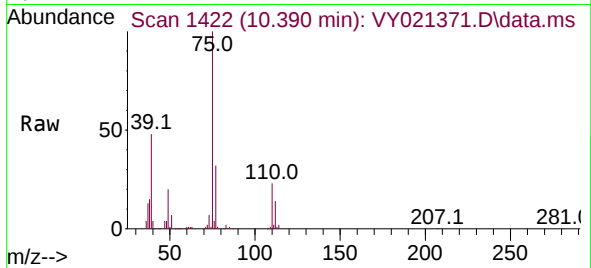




#53
t-1,3-Dichloropropene
Concen: 44.446 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

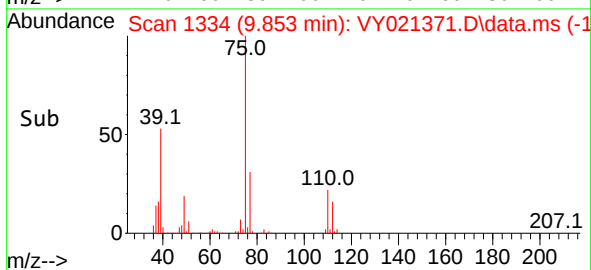
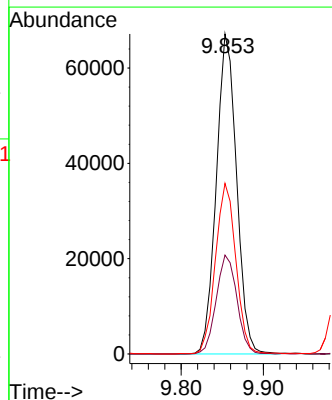
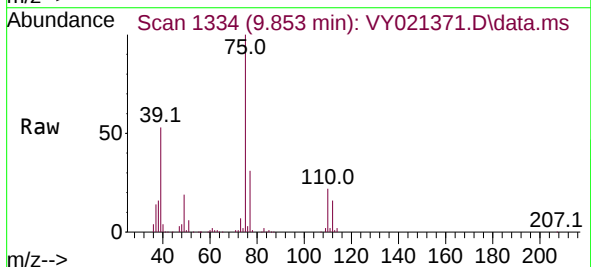
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MS

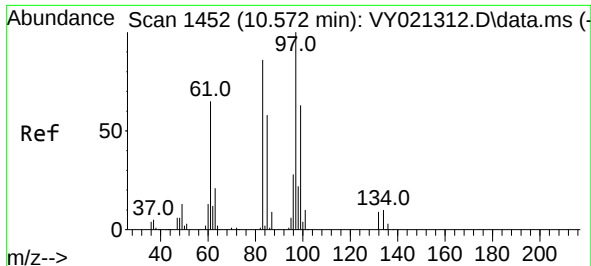
Tgt Ion: 75 Resp: 95774
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 45.342 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

Tgt Ion: 75 Resp: 115346
Ion Ratio Lower Upper
75 100
77 30.9 25.7 38.5
39 53.2 41.8 62.6

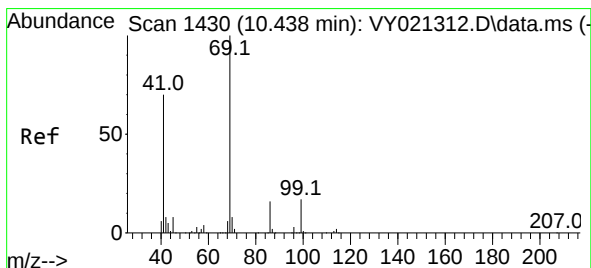
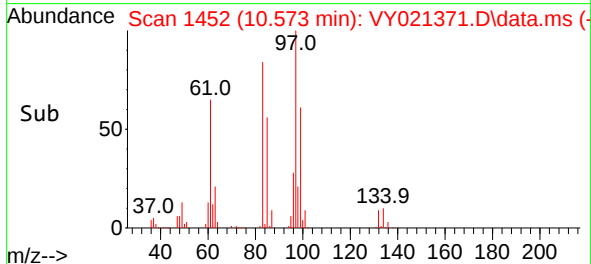
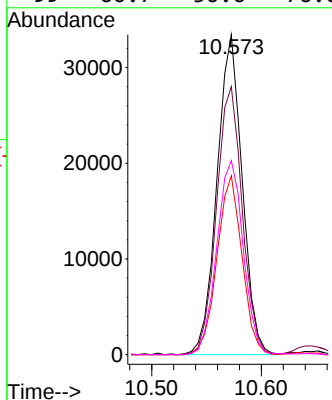
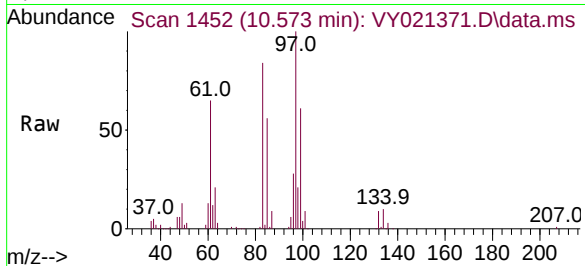




#55
1,1,2-Trichloroethane
Concen: 46.500 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

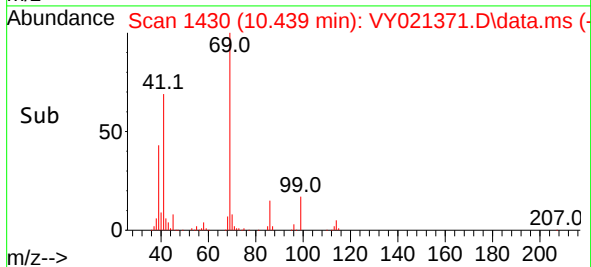
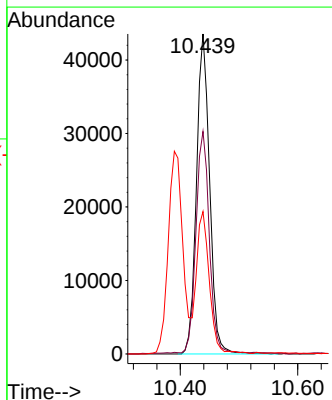
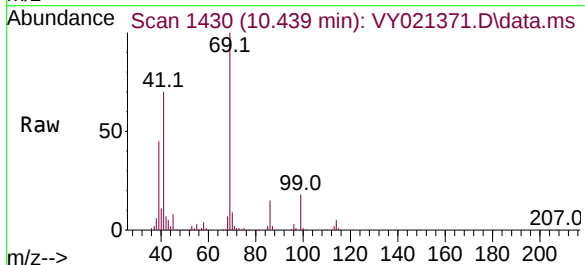
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MS

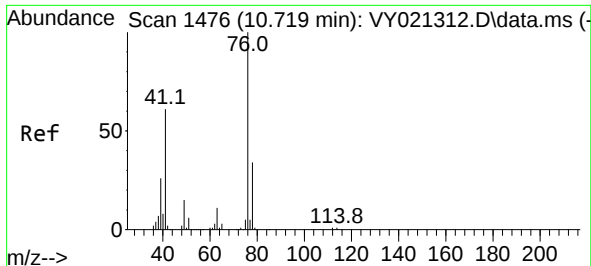
Tgt Ion:	97	Resp:	53434
Ion	Ratio	Lower	Upper
97	100		
83	83.8	68.7	103.1
85	55.9	46.3	69.5
99	60.7	50.6	76.0



#56
Ethyl methacrylate
Concen: 42.701 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

Tgt Ion:	69	Resp:	67800
Ion	Ratio	Lower	Upper
69	100		
41	72.0	56.2	84.4
39	42.1	32.7	49.1





#57

1,3-Dichloropropane

Concen: 46.182 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021371.D

Acq: 27 Feb 2025 20:15

Instrument :

MSVOA_Y

ClientSampleId :

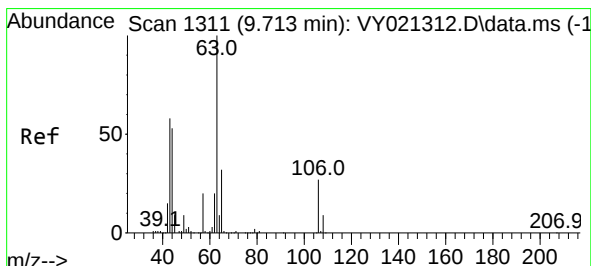
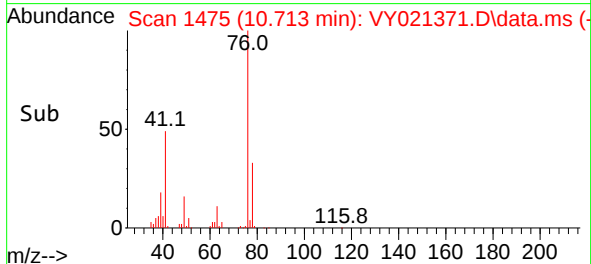
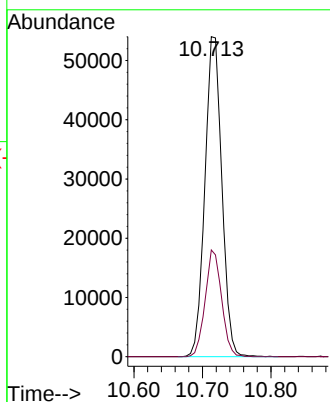
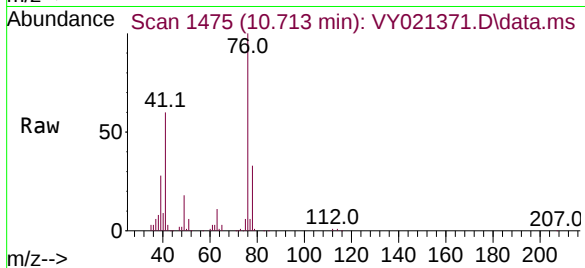
P001-CLAY-CF01-01MS

Tgt Ion: 76 Resp: 93124

Ion Ratio Lower Upper

76 100

78 32.2 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 104.582 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021371.D

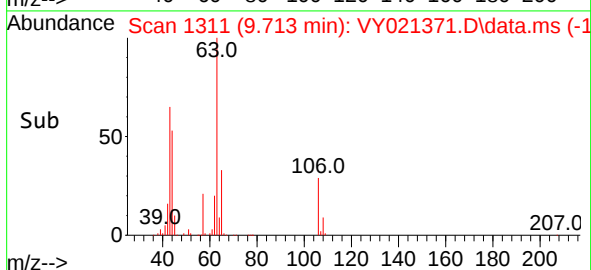
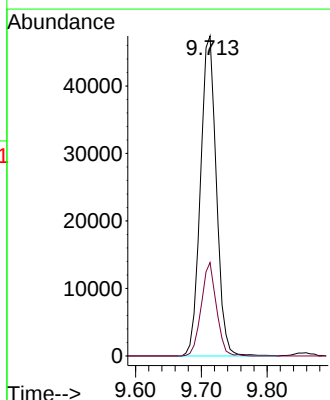
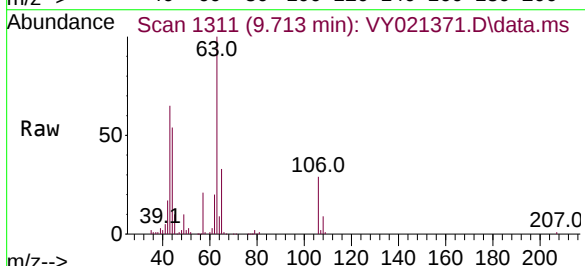
Acq: 27 Feb 2025 20:15

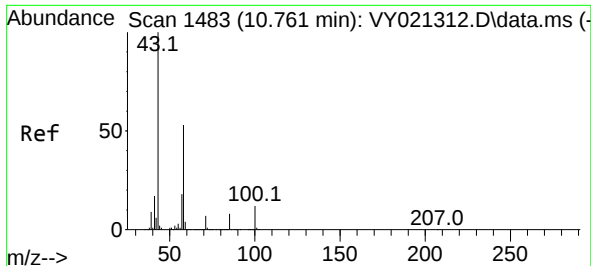
Tgt Ion: 63 Resp: 79704

Ion Ratio Lower Upper

63 100

106 27.8 21.7 32.5

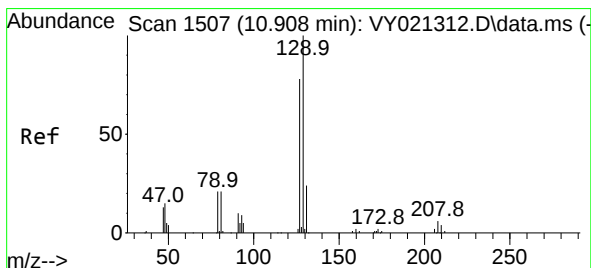
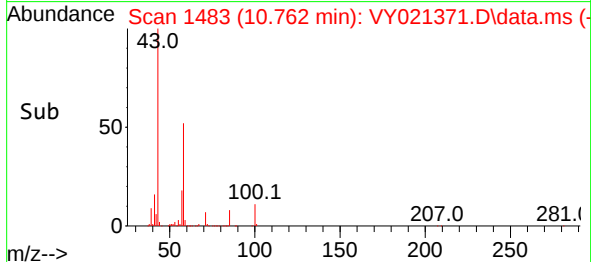
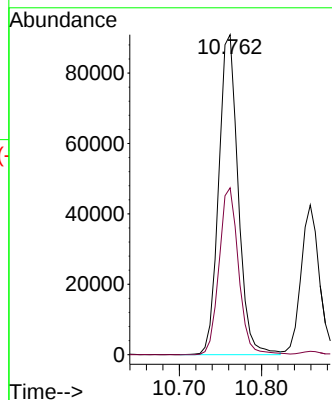
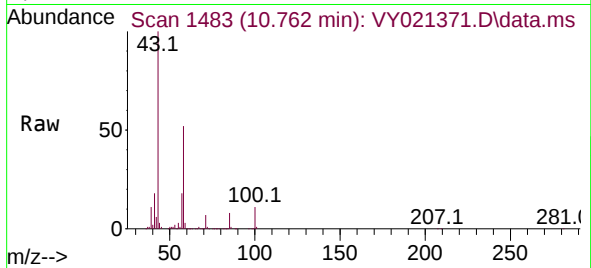




#59
2-Hexanone
Concen: 203.352 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

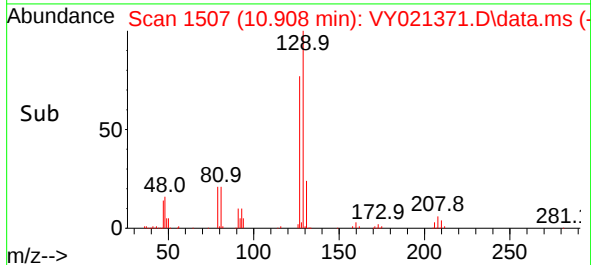
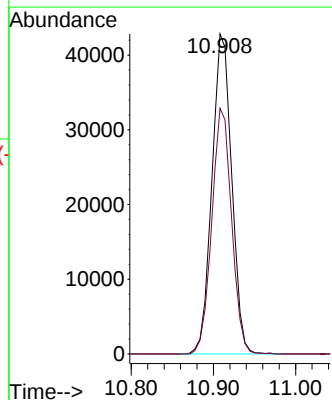
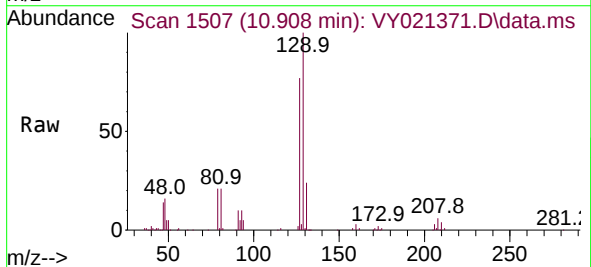
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MS

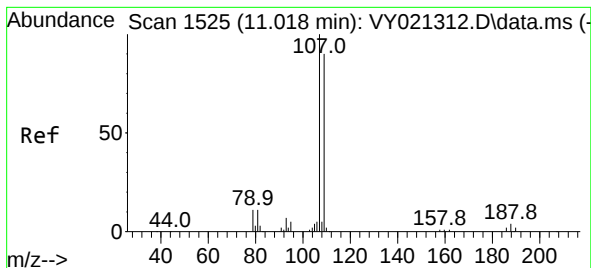
Tgt Ion: 43 Resp: 149310
Ion Ratio Lower Upper
43 100
58 52.2 25.9 77.6



#60
Dibromochloromethane
Concen: 45.616 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

Tgt Ion:129 Resp: 71390
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.4

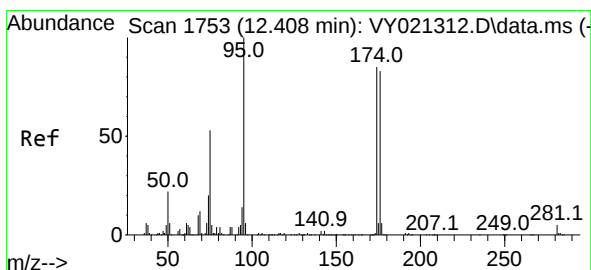
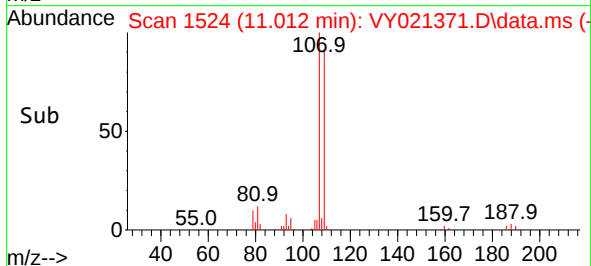
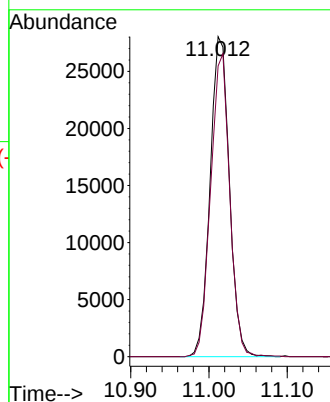
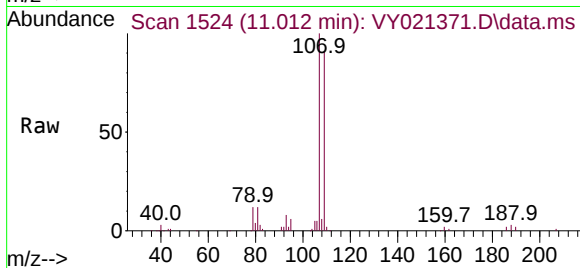




#61
1,2-Dibromoethane
Concen: 44.078 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

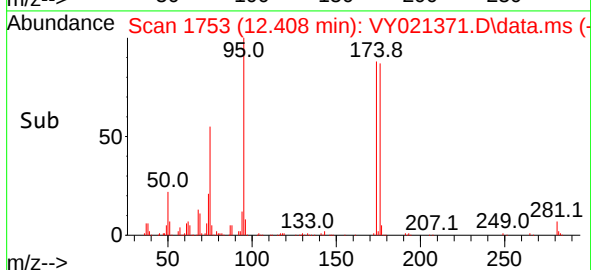
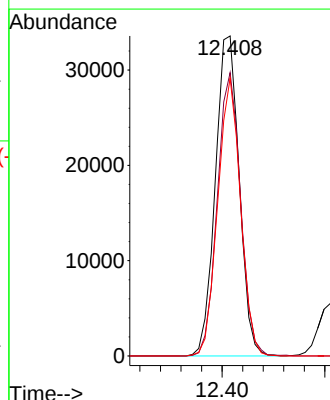
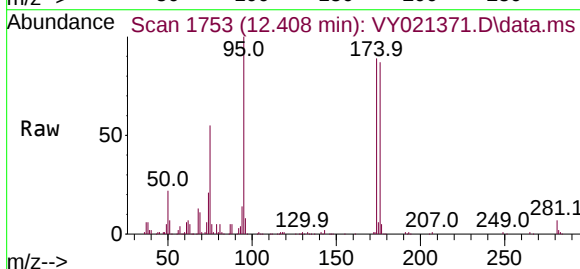
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MS

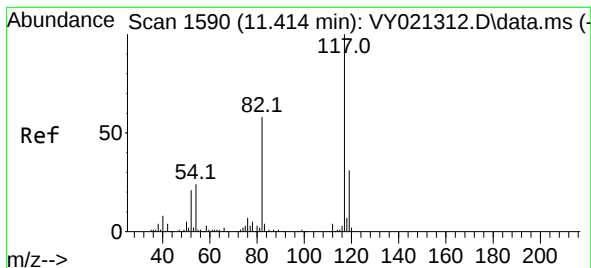
Tgt Ion:107 Resp: 47952
Ion Ratio Lower Upper
107 100
109 93.7 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 27.499 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

Tgt Ion: 95 Resp: 54013
Ion Ratio Lower Upper
95 100
174 86.2 0.0 168.0
176 82.7 0.0 162.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021371.D

Acq: 27 Feb 2025 20:15

Instrument :

MSVOA_Y

ClientSampleId :

P001-CLAY-CF01-01MS

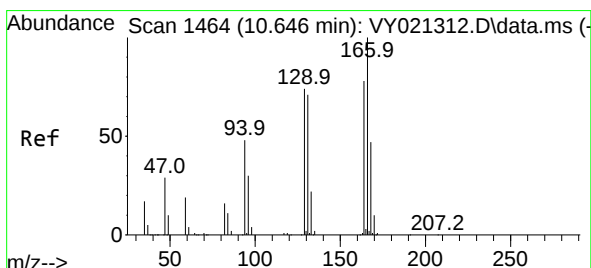
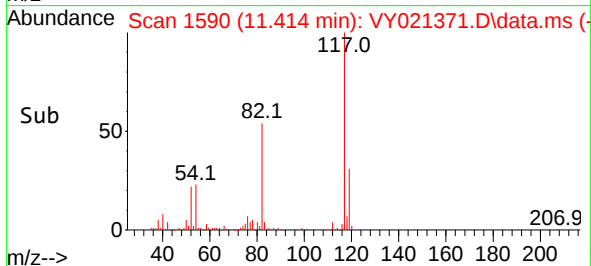
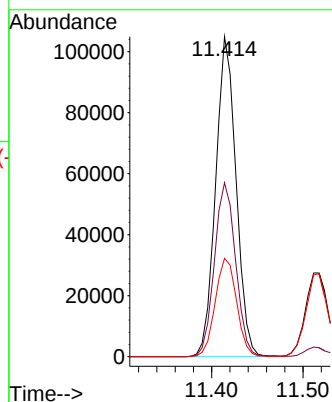
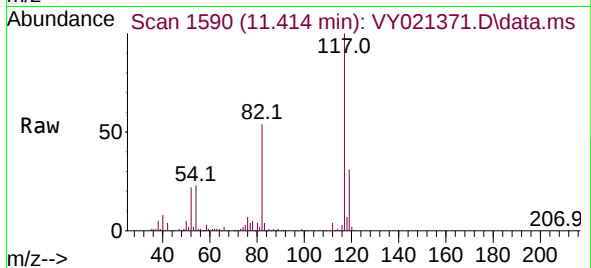
Tgt Ion:117 Resp: 163009

Ion Ratio Lower Upper

117 100

82 54.4 46.2 69.4

119 30.8 24.9 37.3



#64

Tetrachloroethene

Concen: 48.757 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021371.D

Acq: 27 Feb 2025 20:15

Tgt Ion:164 Resp: 60073

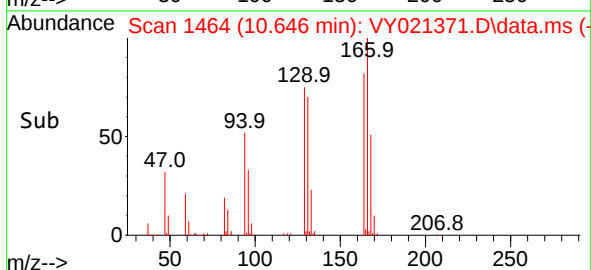
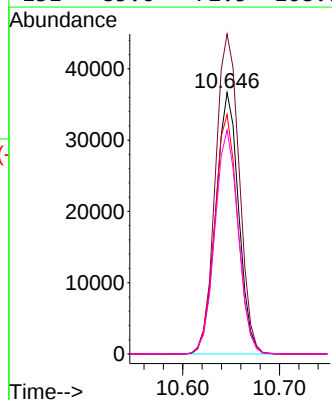
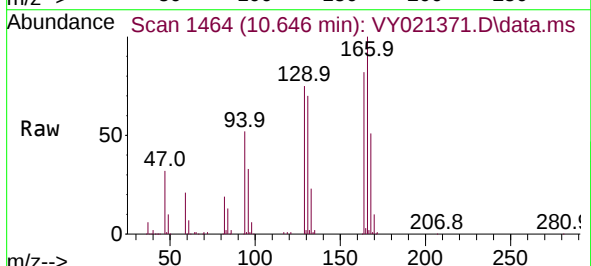
Ion Ratio Lower Upper

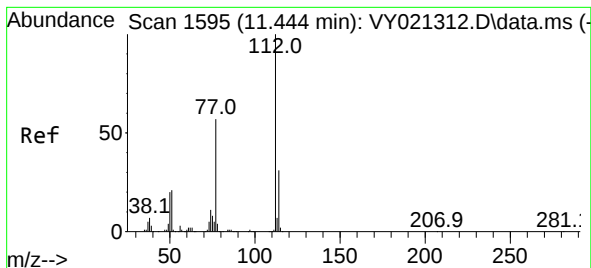
164 100

166 122.4 101.9 152.9

129 91.5 75.5 113.3

131 85.6 72.5 108.7





#65

Chlorobenzene

Concen: 46.720 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. -0.006 min

Lab File: VY021371.D

Acq: 27 Feb 2025 20:15

Instrument :

MSVOA_Y

ClientSampleId :

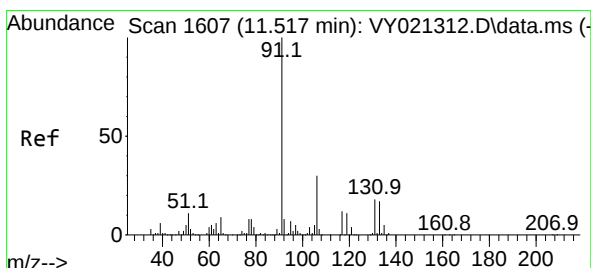
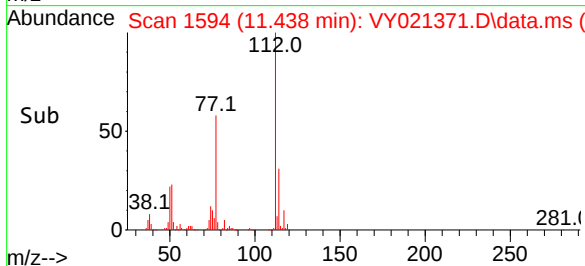
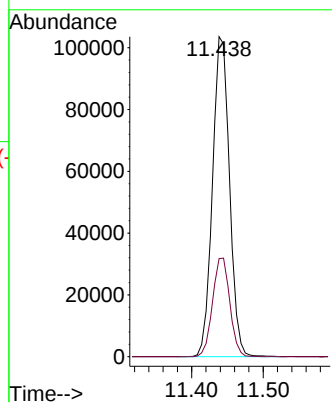
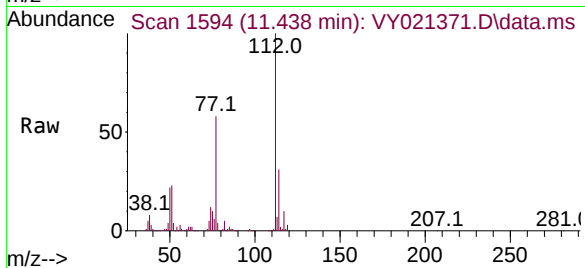
P001-CLAY-CF01-01MS

Tgt Ion:112 Resp: 170954

Ion Ratio Lower Upper

112 100

114 30.7 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 55.503 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021371.D

Acq: 27 Feb 2025 20:15

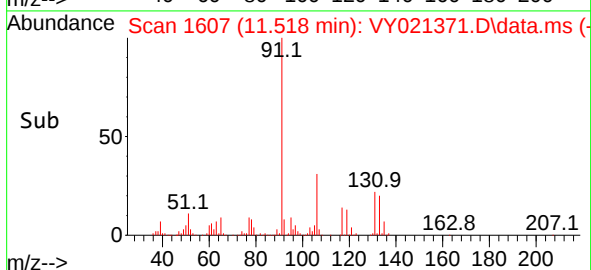
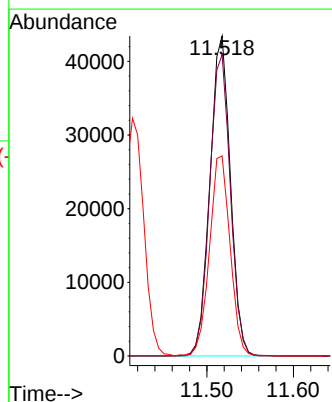
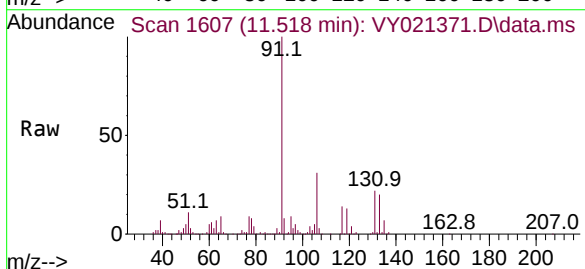
Tgt Ion:131 Resp: 71113

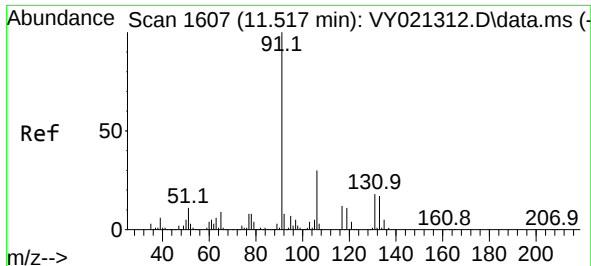
Ion Ratio Lower Upper

131 100

133 95.5 47.9 143.6

119 63.1 31.7 95.1

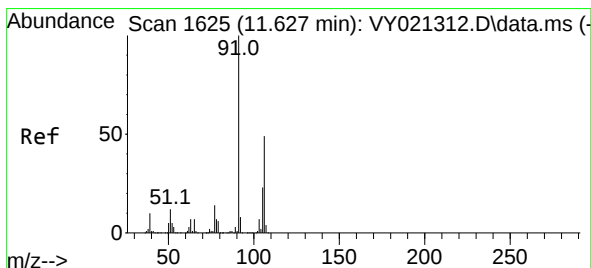
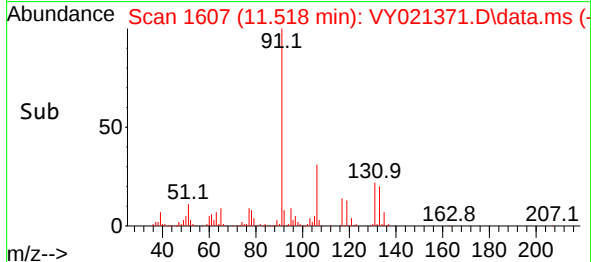
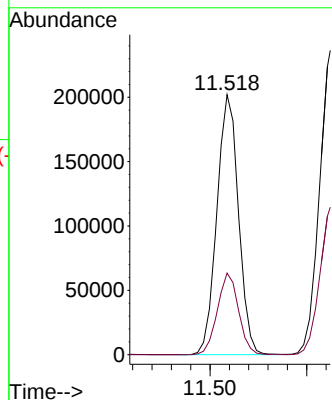
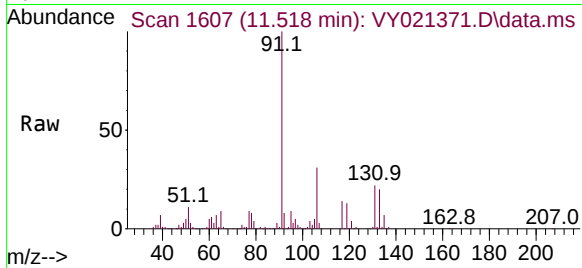




#67
Ethyl Benzene
Concen: 48.224 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

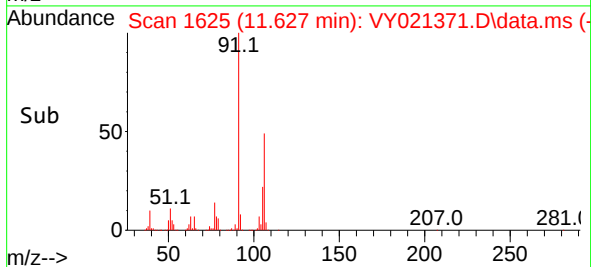
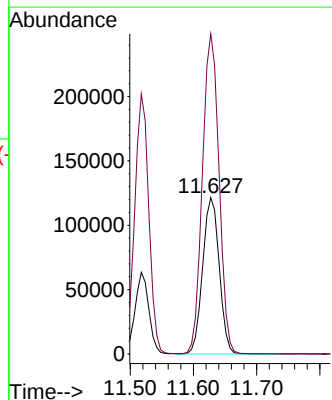
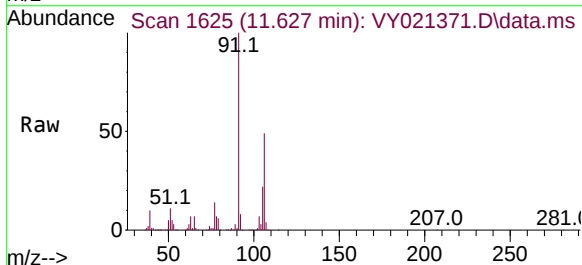
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MS

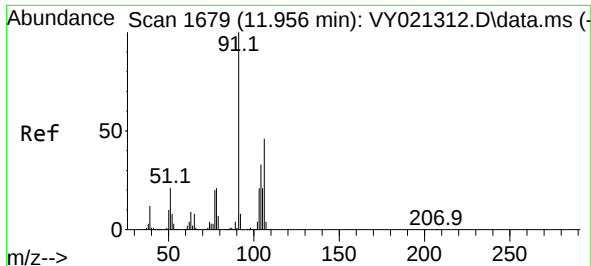
Tgt Ion: 91 Resp: 312558
Ion Ratio Lower Upper
91 100
106 31.4 24.4 36.6



#68
m/p-Xylenes
Concen: 90.646 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

Tgt Ion:106 Resp: 220984
Ion Ratio Lower Upper
106 100
91 206.0 163.9 245.9

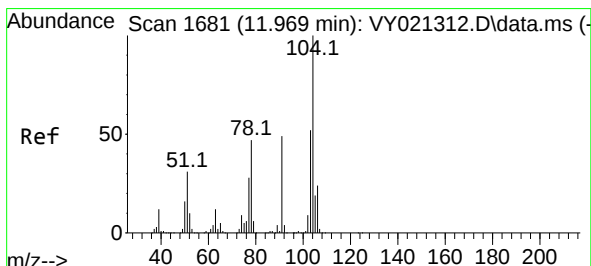
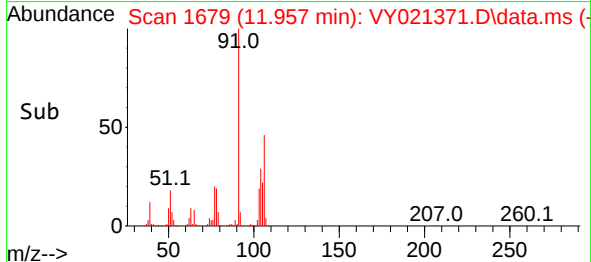
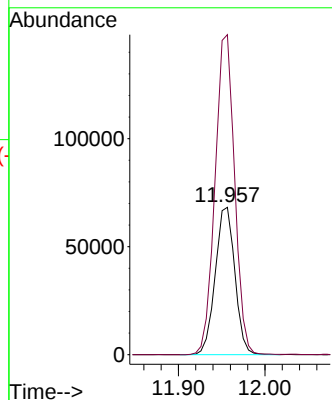
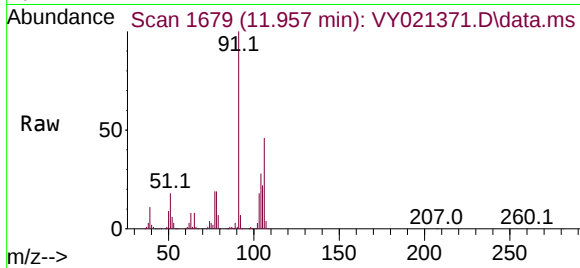




#69
o-Xylene
Concen: 47.047 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

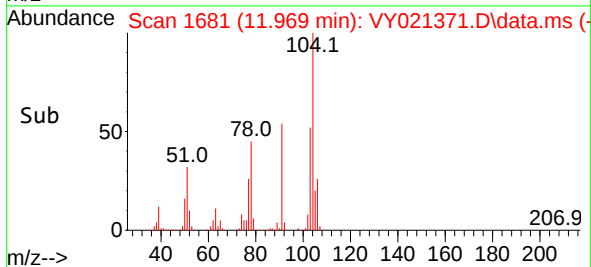
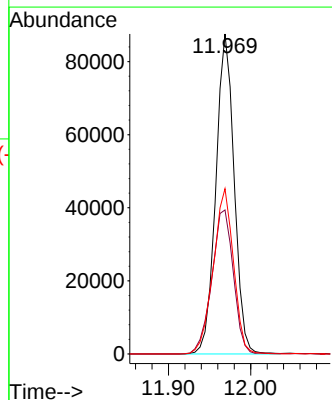
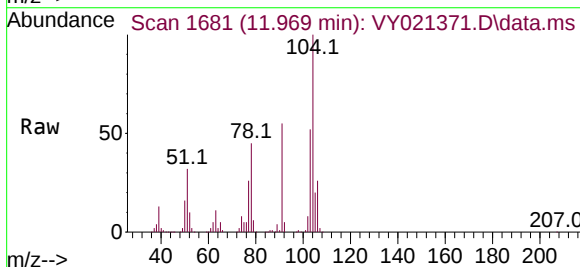
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MS

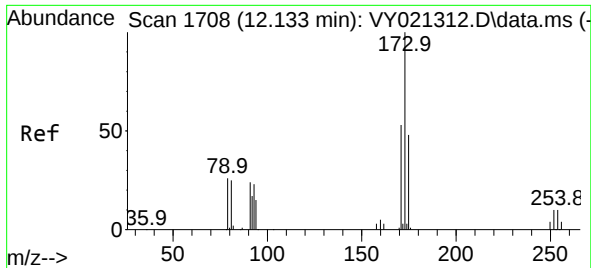
Tgt Ion:106 Resp: 107446
Ion Ratio Lower Upper
106 100
91 216.5 108.1 324.2



#70
Styrene
Concen: 35.719 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

Tgt Ion:104 Resp: 135726
Ion Ratio Lower Upper
104 100
78 53.0 41.3 61.9
103 57.1 43.9 65.9

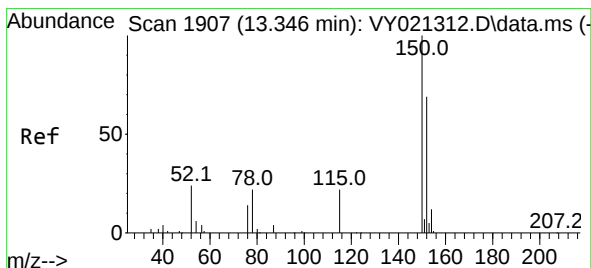
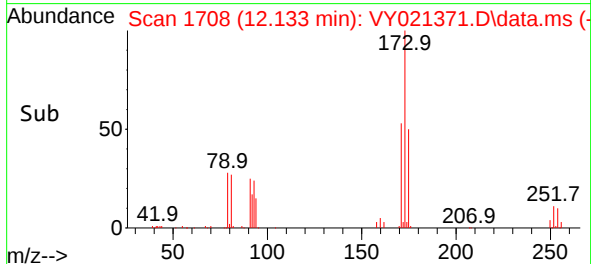
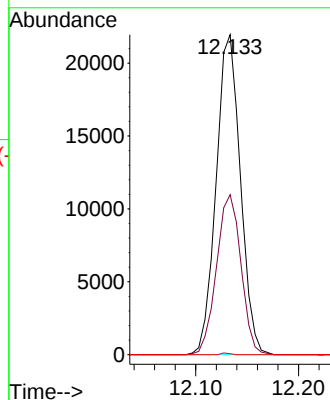
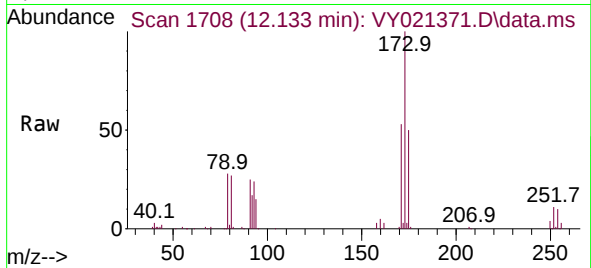




#71
Bromoform
Concen: 48.999 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

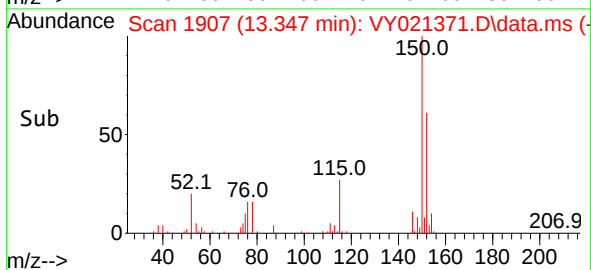
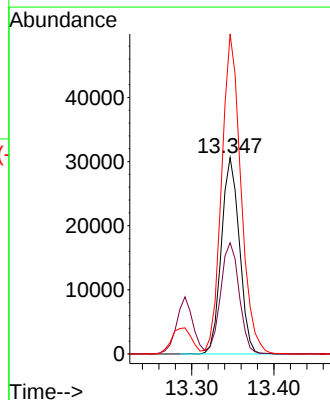
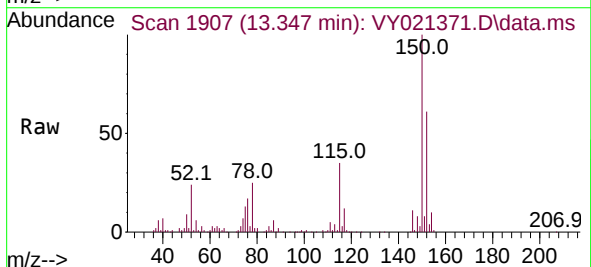
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MS

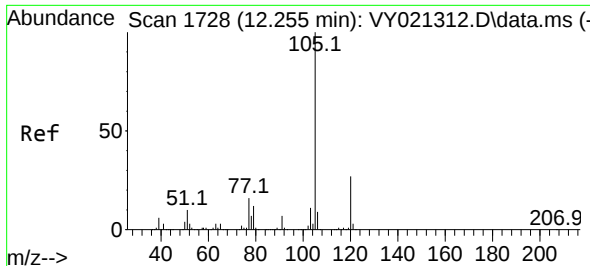
Tgt Ion:173 Resp: 35915
Ion Ratio Lower Upper
173 100
175 50.4 24.1 72.3
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

Tgt Ion:152 Resp: 46476
Ion Ratio Lower Upper
152 100
115 58.6 29.3 88.0
150 175.2 0.0 347.4

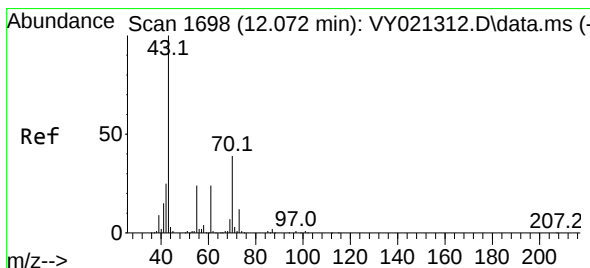
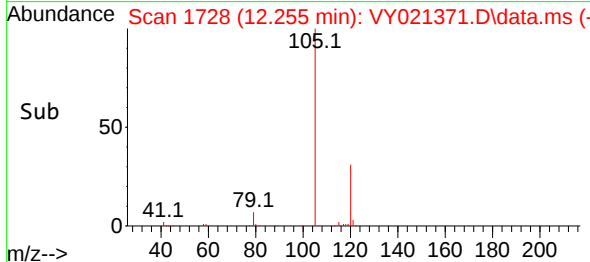
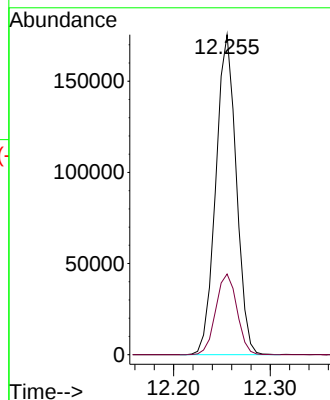
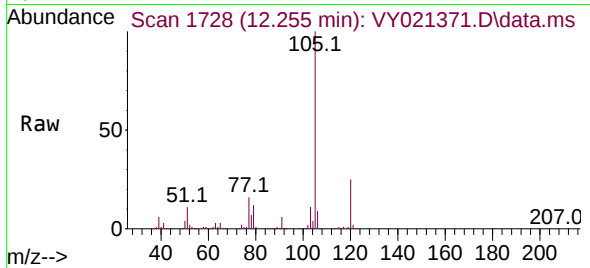




#73
Isopropylbenzene
Concen: 73.764 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

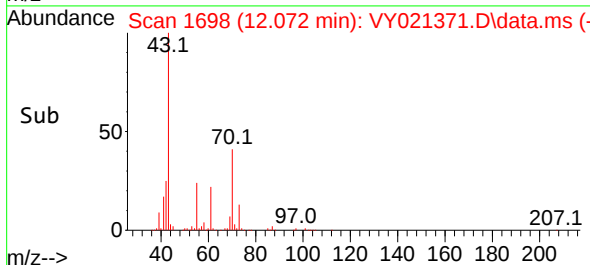
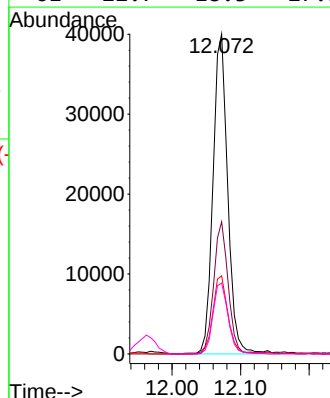
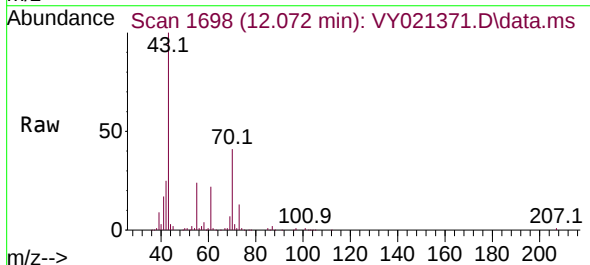
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MS

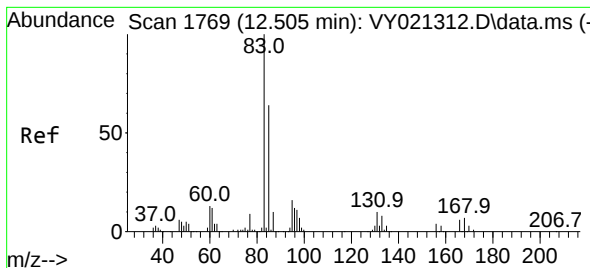
Tgt Ion:105 Resp: 257735
Ion Ratio Lower Upper
105 100
120 26.1 13.3 39.8



#74
N-ethyl acetate
Concen: 67.510 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

Tgt Ion: 43 Resp: 59956
Ion Ratio Lower Upper
43 100
70 40.8 32.2 48.2
55 24.9 19.6 29.4
61 22.7 18.3 27.5





#75

1,1,2-Tetrachloroethane

Concen: 83.806 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY021371.D

Acq: 27 Feb 2025 20:15

Instrument :

MSVOA_Y

ClientSampleId :

P001-CLAY-CF01-01MS

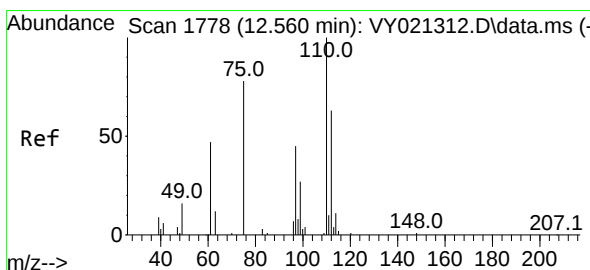
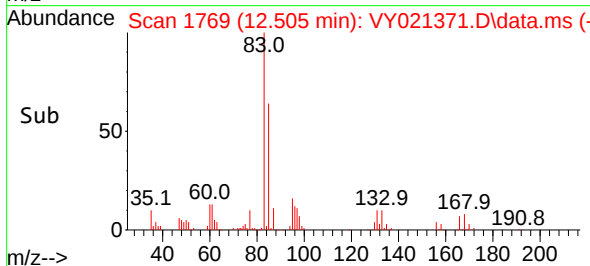
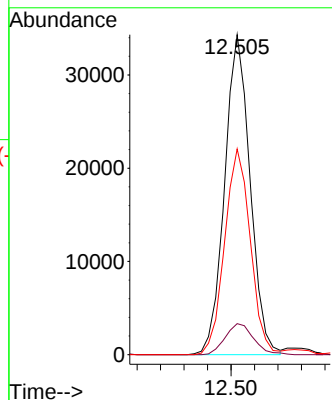
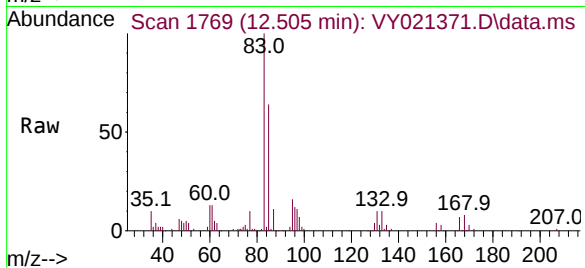
Tgt Ion: 83 Resp: 51679

Ion Ratio Lower Upper

83 100

131 10.8 5.2 15.6

85 64.9 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 139.995 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY021371.D

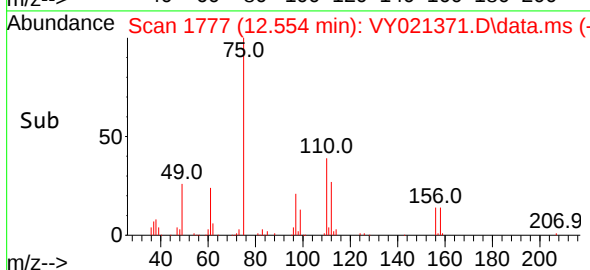
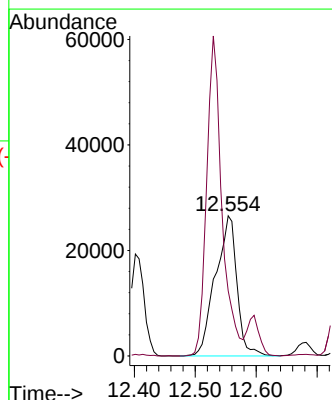
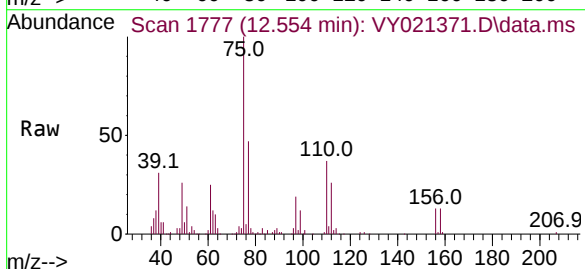
Acq: 27 Feb 2025 20:15

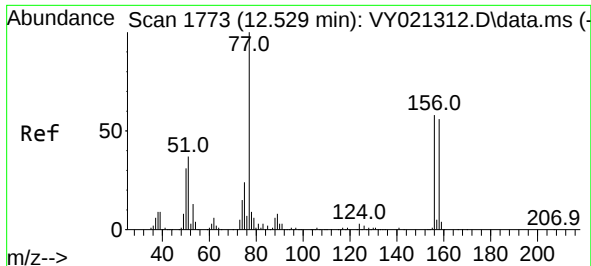
Tgt Ion: 75 Resp: 65126

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

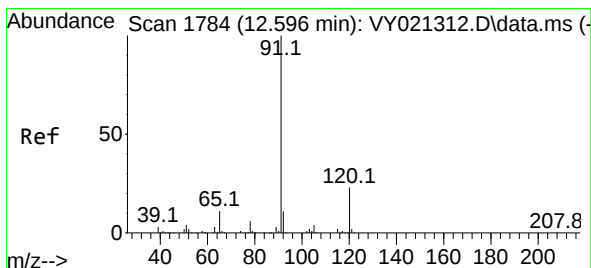
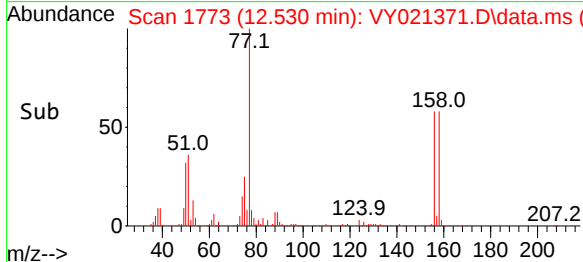
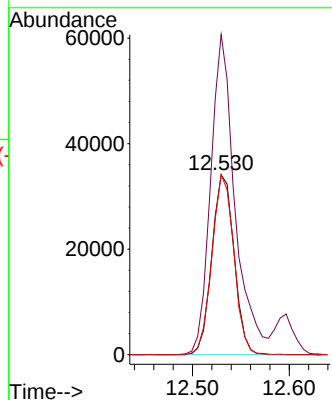
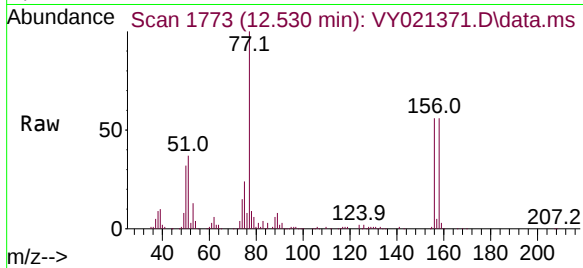




#77
Bromobenzene
Concen: 67.001 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

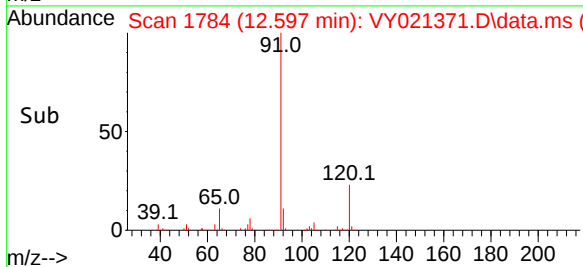
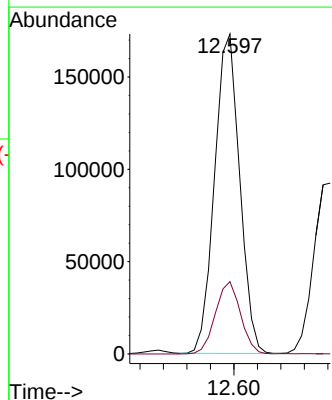
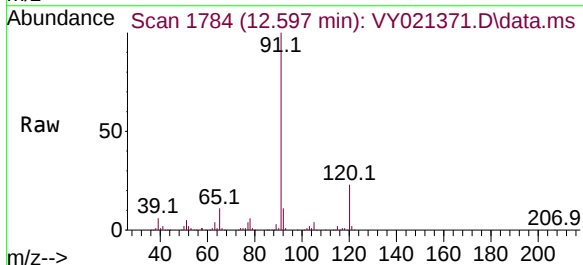
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MS

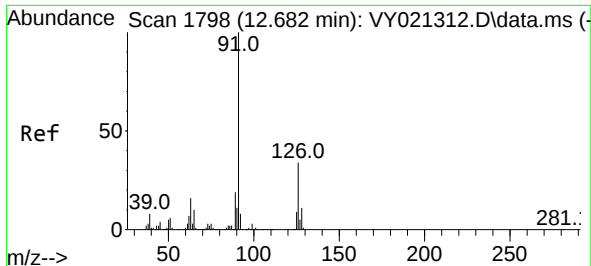
Tgt Ion:156 Resp: 54451
Ion Ratio Lower Upper
156 100
77 195.2 94.0 282.1
158 98.7 48.7 146.1



#78
n-propylbenzene
Concen: 60.493 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

Tgt Ion: 91 Resp: 256487
Ion Ratio Lower Upper
91 100
120 22.7 11.2 33.5

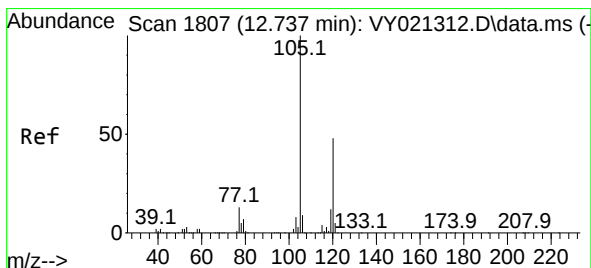
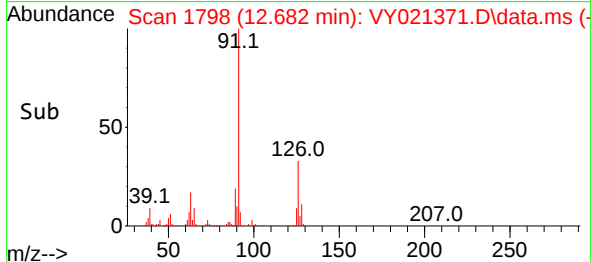
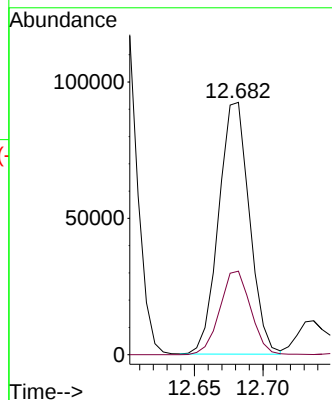
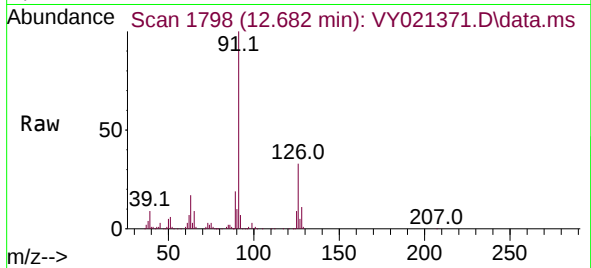




#79
2-Chlorotoluene
Concen: 59.364 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

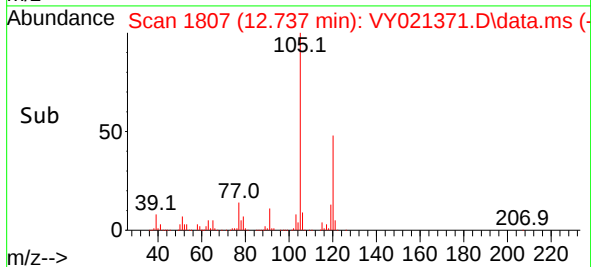
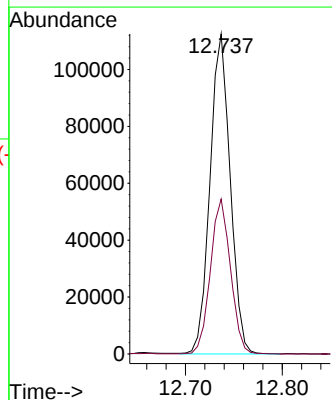
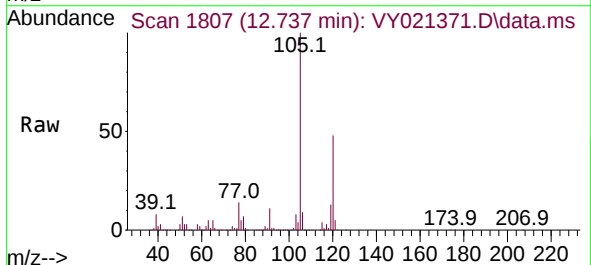
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MS

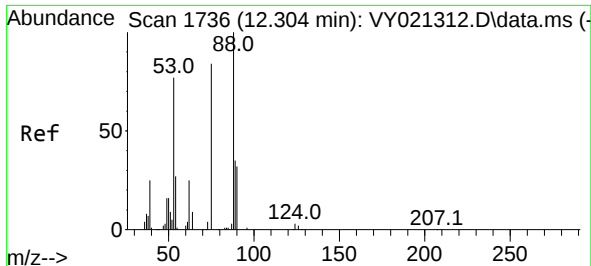
Tgt Ion: 91 Resp: 144452
Ion Ratio Lower Upper
91 100
126 33.4 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 57.068 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

Tgt Ion: 105 Resp: 163538
Ion Ratio Lower Upper
105 100
120 48.2 24.3 73.0

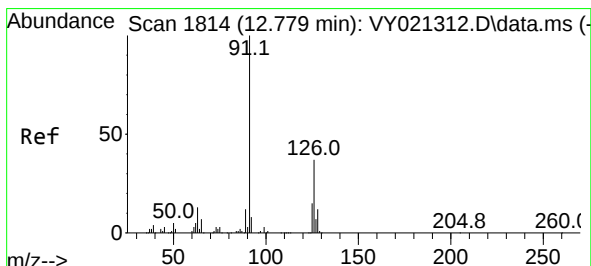
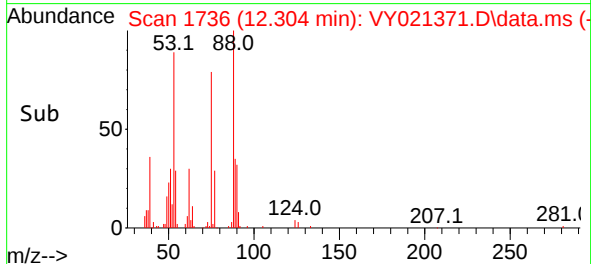
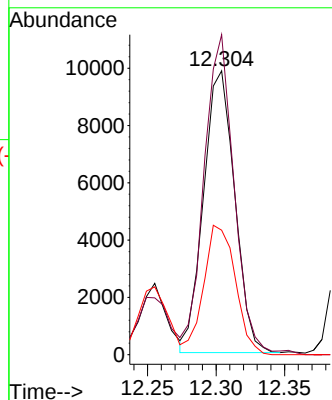
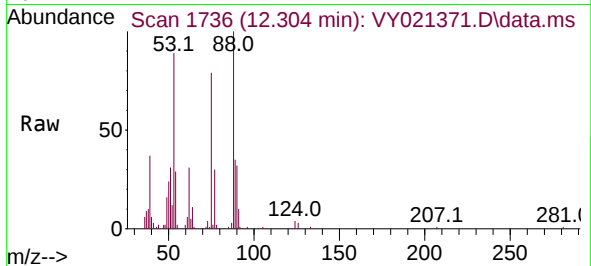




#81
trans-1,4-Dichloro-2-butene
Concen: 74.429 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

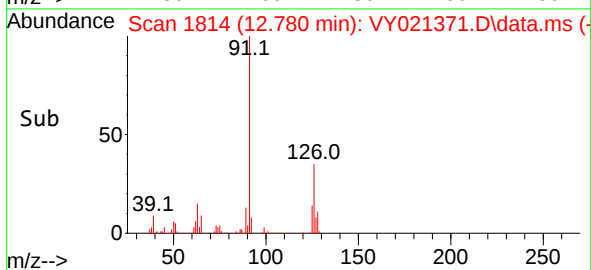
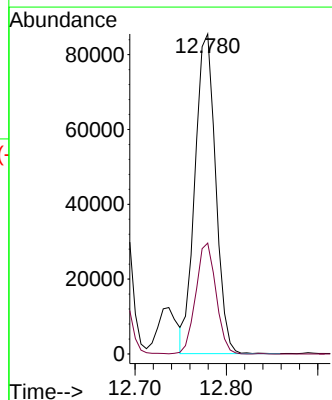
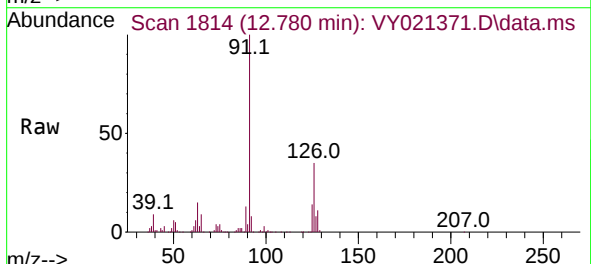
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MS

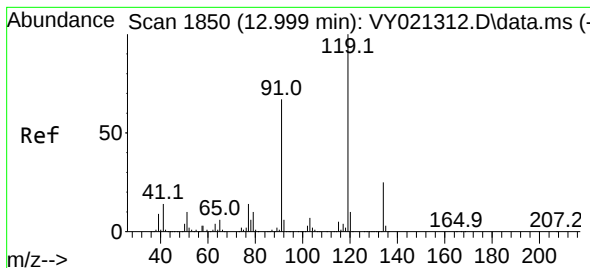
Tgt Ion: 75 Resp: 15578
Ion Ratio Lower Upper
75 100
53 109.6 79.1 118.7
89 46.9 35.6 53.4



#82
4-Chlorotoluene
Concen: 53.154 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

Tgt Ion: 91 Resp: 134075
Ion Ratio Lower Upper
91 100
126 34.0 16.8 50.4





#83

tert-Butylbenzene

Concen: 63.117 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021371.D

Acq: 27 Feb 2025 20:15

Instrument :

MSVOA_Y

ClientSampleId :

P001-CLAY-CF01-01MS

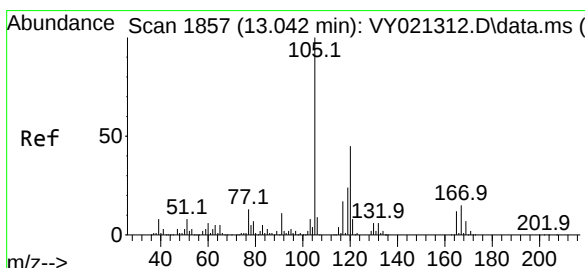
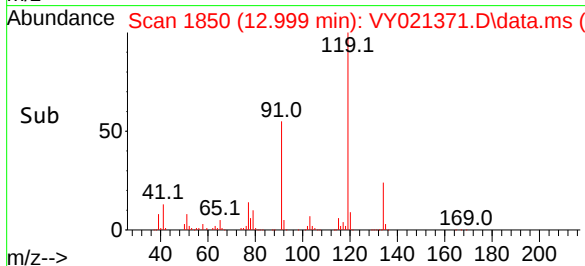
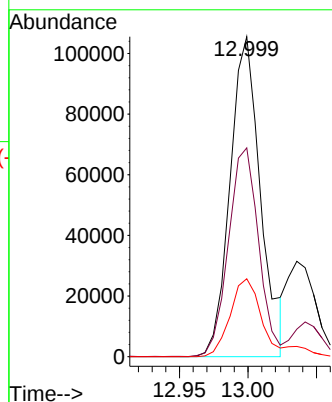
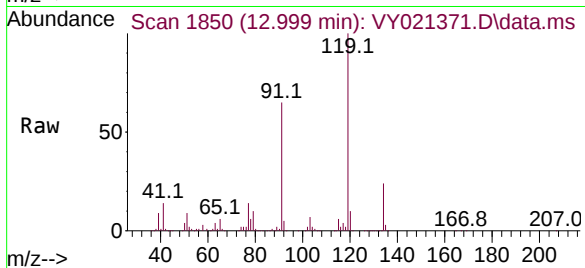
Tgt Ion:119 Resp: 163384

Ion Ratio Lower Upper

119 100

91 64.6 32.7 98.1

134 27.0 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 55.807 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021371.D

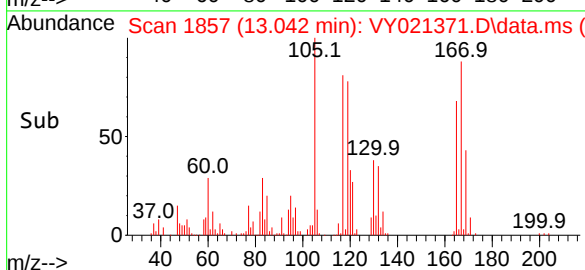
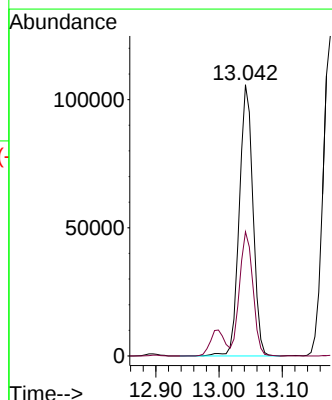
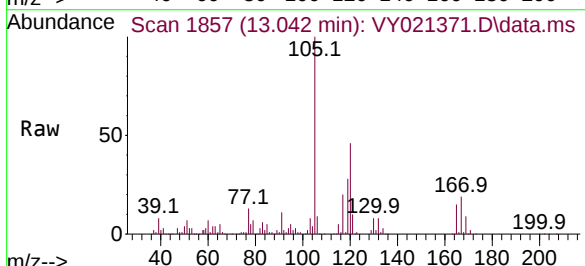
Acq: 27 Feb 2025 20:15

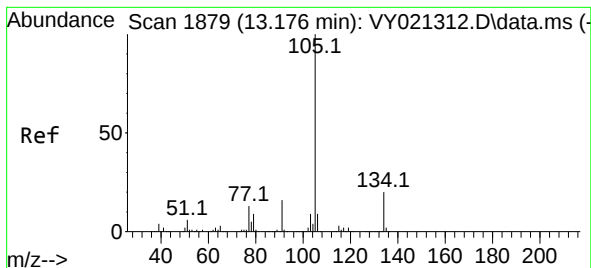
Tgt Ion:105 Resp: 159053

Ion Ratio Lower Upper

105 100

120 44.9 22.4 67.3





#85

sec-Butylbenzene

Concen: 48.499 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021371.D

Acq: 27 Feb 2025 20:15

Instrument :

MSVOA_Y

ClientSampleId :

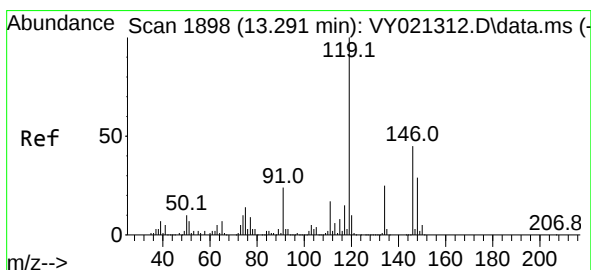
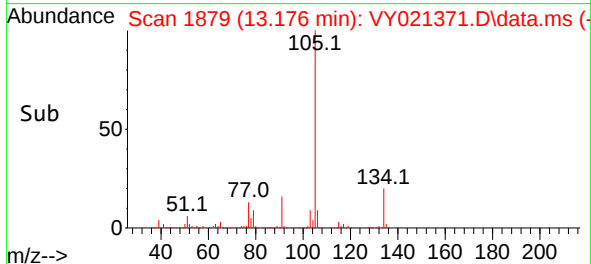
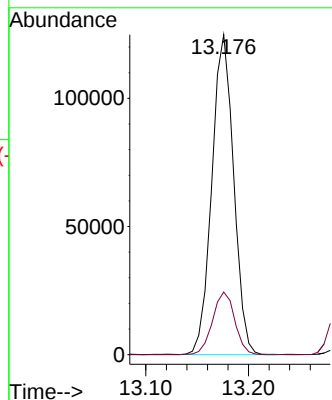
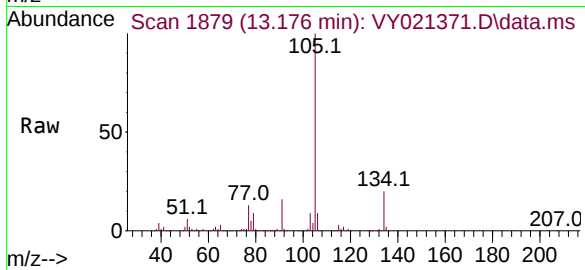
P001-CLAY-CF01-01MS

Tgt Ion:105 Resp: 183382

Ion Ratio Lower Upper

105 100

134 20.0 10.0 30.0



#86

p-Isopropyltoluene

Concen: 46.407 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021371.D

Acq: 27 Feb 2025 20:15

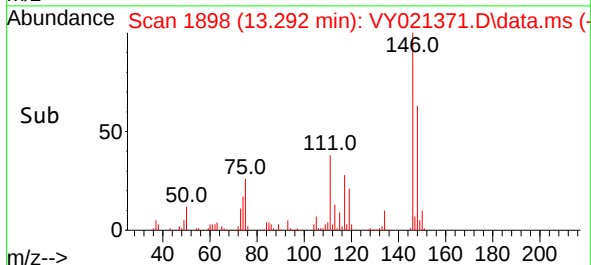
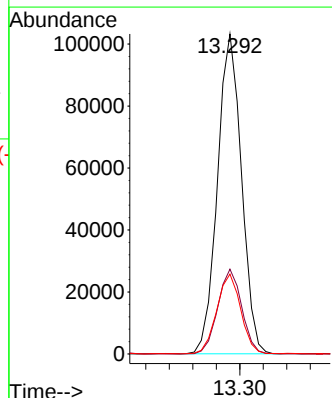
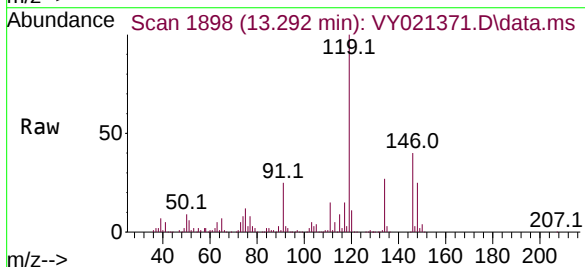
Tgt Ion:119 Resp: 146520

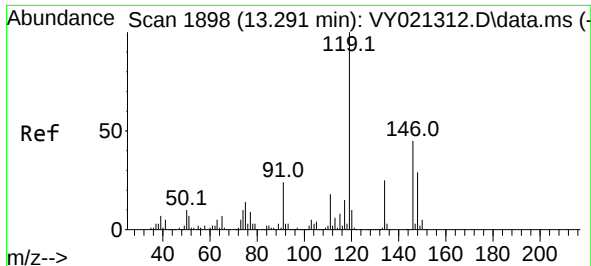
Ion Ratio Lower Upper

119 100

134 26.5 13.0 38.9

91 25.2 12.0 36.1

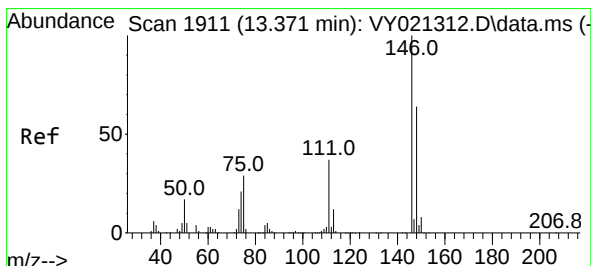
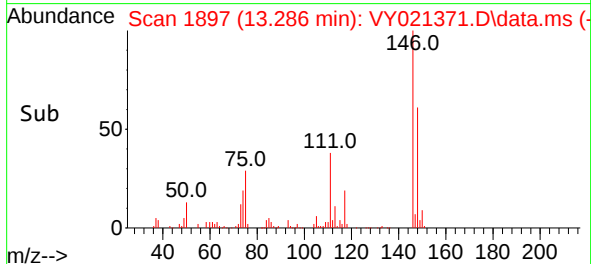
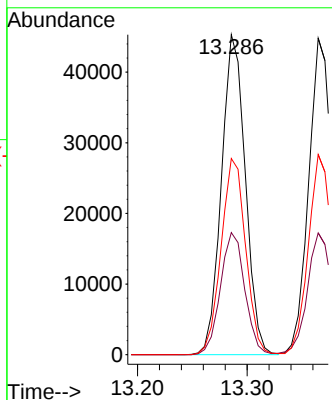
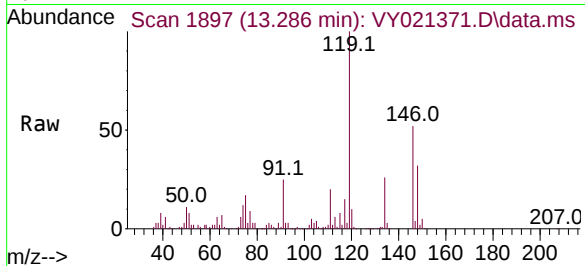




#87
1,3-Dichlorobenzene
Concen: 42.625 ug/l
RT: 13.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

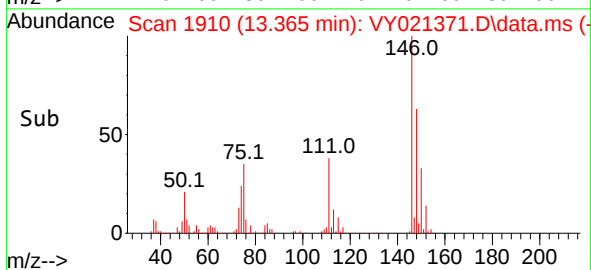
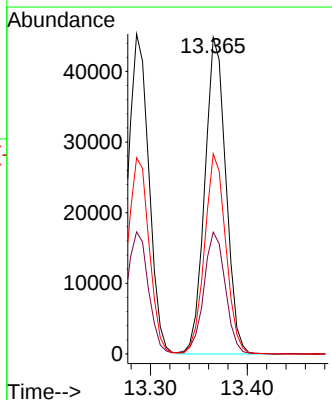
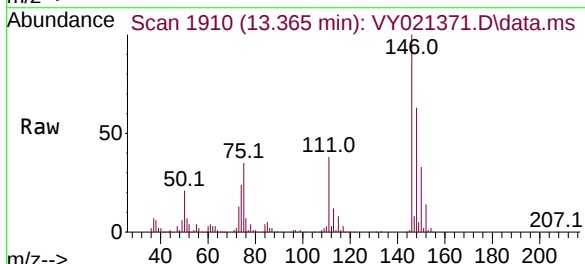
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MS

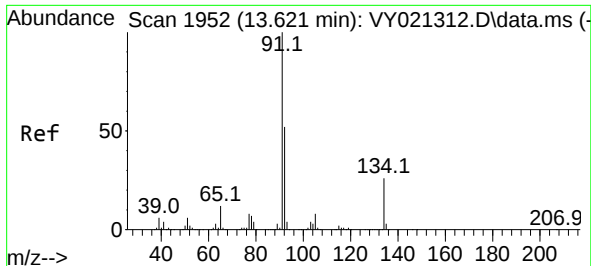
Tgt Ion:146 Resp: 68524
Ion Ratio Lower Upper
146 100
111 38.9 20.0 59.9
148 63.0 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 42.795 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

Tgt Ion:146 Resp: 67965
Ion Ratio Lower Upper
146 100
111 39.6 19.5 58.5
148 63.6 32.0 96.2

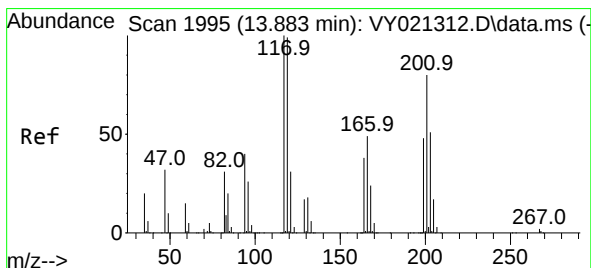
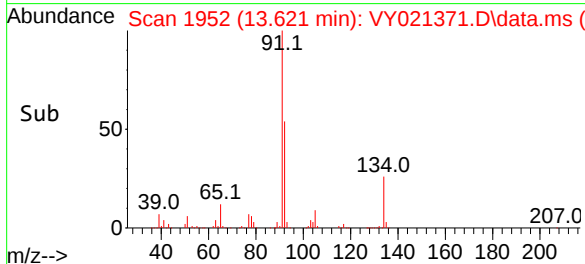
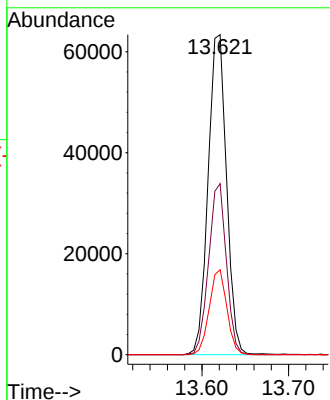
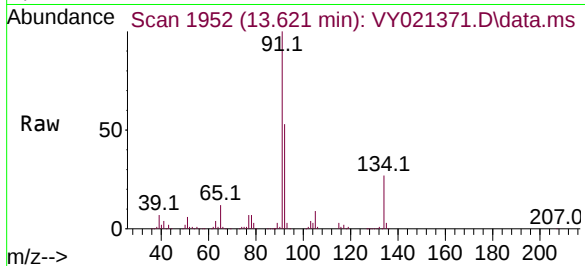




#89
n-Butylbenzene
Concen: 31.537 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

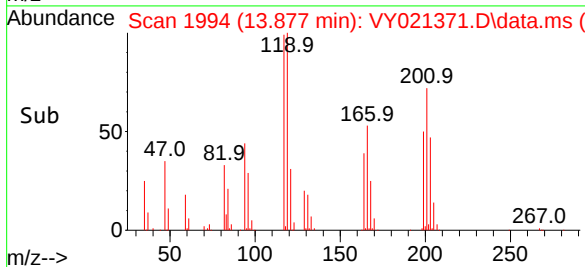
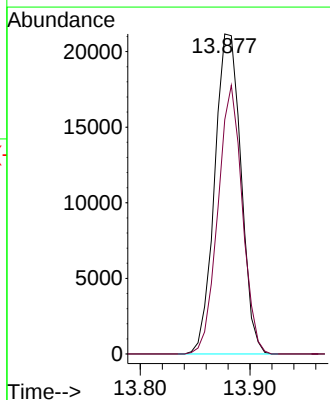
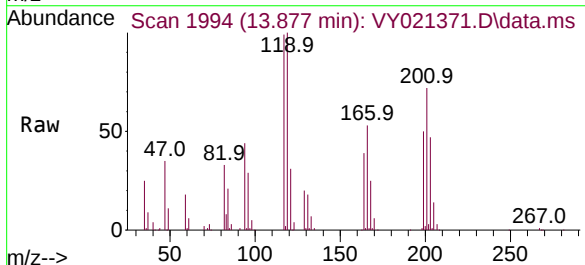
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MS

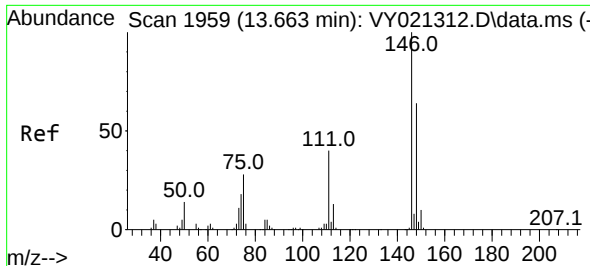
Tgt Ion:	91	Resp:	93701
Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.4	79.2
134	25.4	12.7	38.0



#90
Hexachloroethane
Concen: 53.648 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

Tgt Ion:	117	Resp:	35381
Ion	Ratio	Lower	Upper
117	100		
201	77.7	38.4	115.2

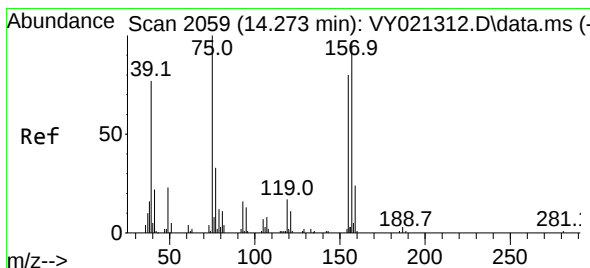
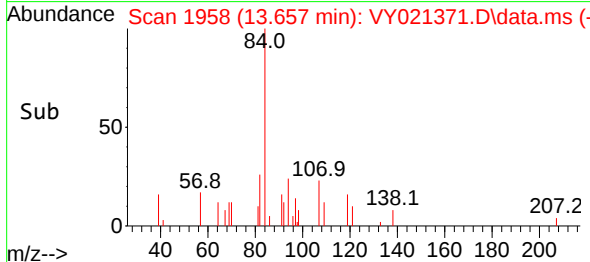
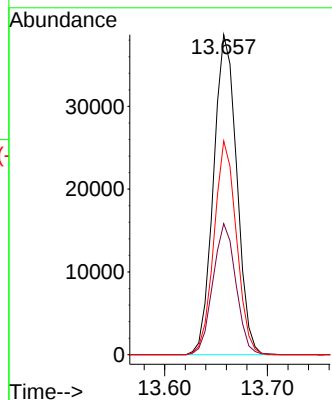
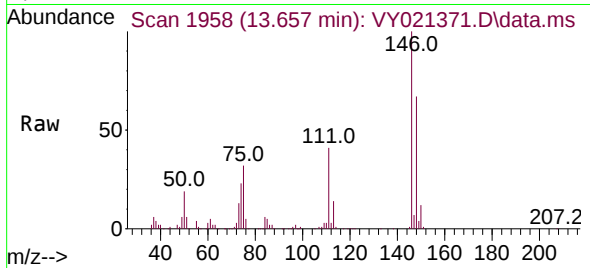




#91
1,2-Dichlorobenzene
Concen: 43.178 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

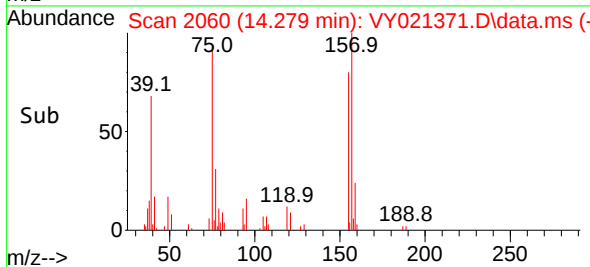
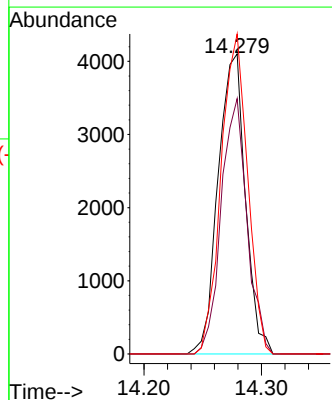
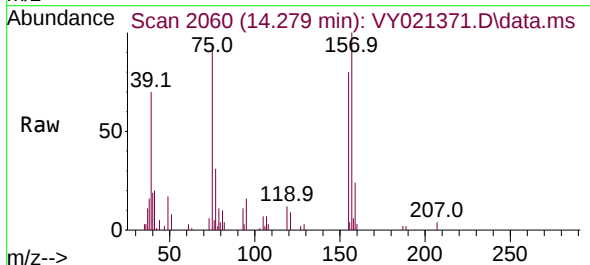
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MS

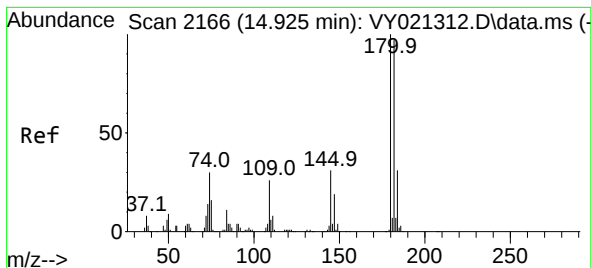
Tgt Ion:146 Resp: 60816
Ion Ratio Lower Upper
146 100
111 40.5 20.7 62.1
148 64.5 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 67.740 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

Tgt Ion: 75 Resp: 6608
Ion Ratio Lower Upper
75 100
155 80.7 41.9 125.6
157 103.9 52.5 157.6





#93

1,2,4-Trichlorobenzene

Concen: 13.901 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY021371.D

Acq: 27 Feb 2025 20:15

Instrument :

MSVOA_Y

ClientSampleId :

P001-CLAY-CF01-01MS

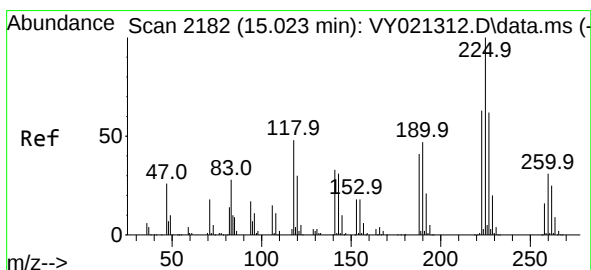
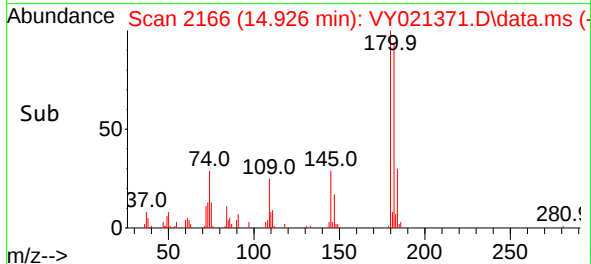
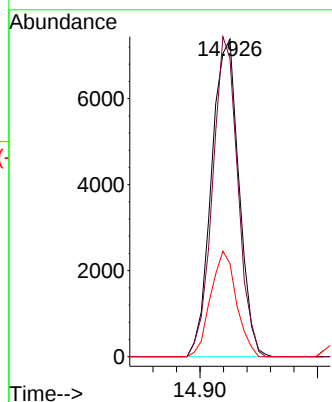
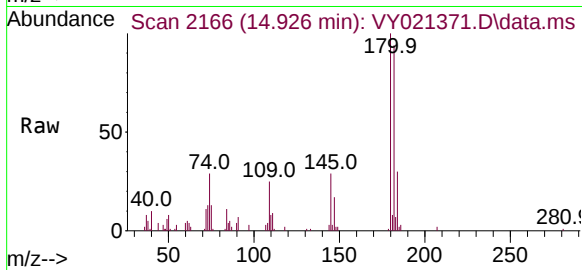
Tgt Ion:180 Resp: 11950

Ion Ratio Lower Upper

180 100

182 92.9 47.9 143.7

145 31.2 15.6 46.8



#94

Hexachlorobutadiene

Concen: 17.365 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021371.D

Acq: 27 Feb 2025 20:15

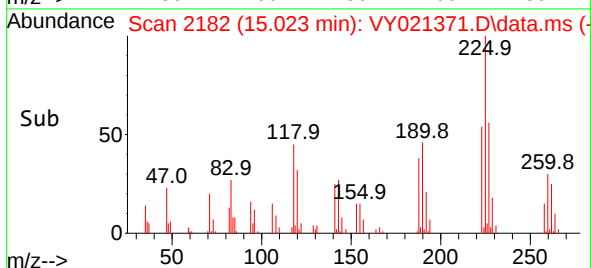
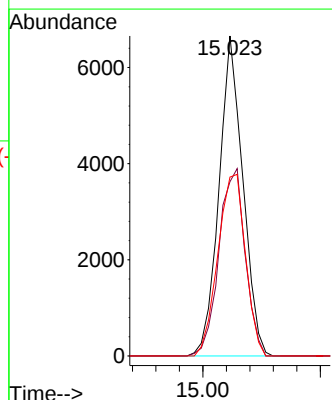
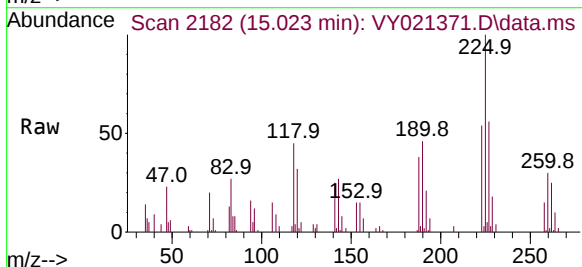
Tgt Ion:225 Resp: 9398

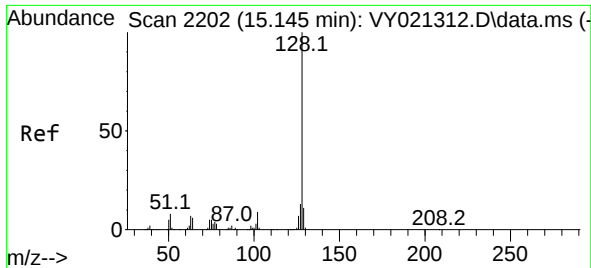
Ion Ratio Lower Upper

225 100

223 64.3 31.8 95.4

227 65.4 31.9 95.7

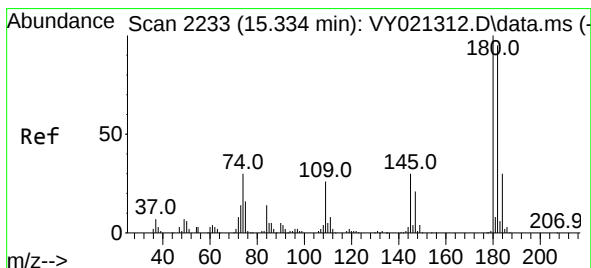
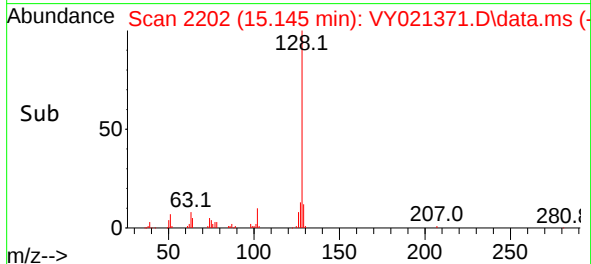
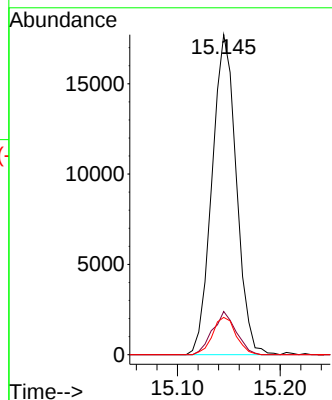
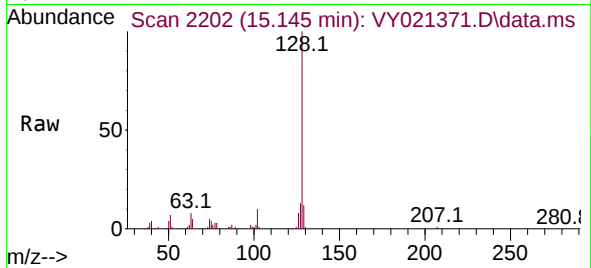




#95
Naphthalene
Concen: 20.423 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

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

Tgt Ion:128 Resp: 29080
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.3 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 13.362 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021371.D
Acq: 27 Feb 2025 20:15

Tgt Ion:180 Resp: 9705
Ion Ratio Lower Upper
180 100
182 93.9 48.3 144.9
145 33.4 16.1 48.3

