

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
 Data File : VY021372.D
 Acq On : 27 Feb 2025 20:38
 Operator : SY/MD
 Sample : Q1421-03MSD
 Misc : 4.42g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Feb 28 00:45:26 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	155726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	236506	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	174171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	64665	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	88654	50.184	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.360%	
35) Dibromofluoromethane	7.634	113	80618	51.993	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.980%	
50) Toluene-d8	10.103	98	263432	43.961	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 87.920%	
62) 4-Bromofluorobenzene	12.407	95	66185	32.818	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 65.640%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.861	85	64264	43.525	ug/l	98
3) Chloromethane	2.068	50	82478	43.254	ug/l	99
4) Vinyl Chloride	2.202	62	88283	47.170	ug/l	99
5) Bromomethane	2.592	94	57821	46.491	ug/l	95
6) Chloroethane	2.732	64	57802	49.803	ug/l	95
7) Trichlorofluoromethane	3.062	101	133302	47.161	ug/l	98
8) Diethyl Ether	3.458	74	40154	47.332	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.811	101	74952	45.802	ug/l	99
10) Methyl Iodide	4.006	142	80916	47.000	ug/l	100
11) Tert butyl alcohol	4.854	59	24461	180.017	ug/l	98
12) 1,1-Dichloroethene	3.793	96	69523	44.370	ug/l	95
13) Acrolein	3.653	56	2552	24.509	ug/l	96
14) Allyl chloride	4.378	41	102978	37.068	ug/l	96
15) Acrylonitrile	5.055	53	83482	222.570	ug/l	99
16) Acetone	3.866	43	79999	236.075	ug/l	100
17) Carbon Disulfide	4.104	76	216951	41.697	ug/l	100
18) Methyl Acetate	4.378	43	39423	47.603	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	193512	46.744	ug/l	99
20) Methylene Chloride	4.616	84	86630	47.275	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	72538	42.053	ug/l	92
22) Diisopropyl ether	6.018	45	254188	44.216	ug/l	98
23) Vinyl Acetate	5.957	43	726562	211.500	ug/l	99
24) 1,1-Dichloroethane	5.915	63	141947	43.809	ug/l	98
25) 2-Butanone	6.896	43	107688	210.560	ug/l	92
26) 2,2-Dichloropropane	6.884	77	118389	40.268	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	81795	41.526	ug/l	98
28) Bromochloromethane	7.244	49	67297	46.940	ug/l	98
29) Tetrahydrofuran	7.262	42	72366	216.471	ug/l	98
30) Chloroform	7.420	83	143563	43.727	ug/l	98
31) Cyclohexane	7.701	56	127921	41.072	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	128975	43.158	ug/l	99
36) 1,1-Dichloropropene	7.835	75	97934	42.048	ug/l	99
37) Ethyl Acetate	6.988	43	51804	44.714	ug/l	99
38) Carbon Tetrachloride	7.817	117	112590	42.999	ug/l	99
39) Methylcyclohexane	9.109	83	133491	45.314	ug/l	99
40) Benzene	8.079	78	291386	42.322	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
 Data File : VY021372.D
 Acq On : 27 Feb 2025 20:38
 Operator : SY/MD
 Sample : Q1421-03MSD
 Misc : 4.42g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Feb 28 00:45:26 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)
41) Methacrylonitrile	7.219	41	21999	33.961	ug/l #	79
42) 1,2-Dichloroethane	8.158	62	90124	46.137	ug/l	100
43) Isopropyl Acetate	8.195	43	100005	44.596	ug/l	99
44) Trichloroethene	8.865	130	70038	40.631	ug/l	99
45) 1,2-Dichloropropane	9.140	63	68886	41.575	ug/l	98
46) Dibromomethane	9.231	93	39524	43.639	ug/l	99
47) Bromodichloromethane	9.420	83	96620	40.010	ug/l	99
48) Methyl methacrylate	9.219	41	42722	40.740	ug/l	96
49) 1,4-Dioxane	9.225	88	9878	980.882	ug/l	97
51) 4-Methyl-2-Pentanone	9.999	43	241559	210.433	ug/l	99
52) Toluene	10.170	92	164214	38.393	ug/l	99
53) t-1,3-Dichloropropene	10.389	75	79978	36.148	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	97162	37.199	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	48276	40.917	ug/l	99
56) Ethyl methacrylate	10.438	69	62191	38.147	ug/l	97
57) 1,3-Dichloropropane	10.713	76	83031	40.104	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	102289	130.719	ug/l	98
59) 2-Hexanone	10.761	43	144883	192.180	ug/l	98
60) Dibromochloromethane	10.908	129	58948	36.684	ug/l	100
61) 1,2-Dibromoethane	11.011	107	43812	39.222	ug/l	99
64) Tetrachloroethene	10.646	164	59664	45.321	ug/l	99
65) Chlorobenzene	11.438	112	153186	39.181	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	58861	42.996	ug/l	99
67) Ethyl Benzene	11.517	91	290783	41.989	ug/l	100
68) m/p-Xylenes	11.627	106	212408	81.545	ug/l	99
69) o-Xylene	11.956	106	98926	40.540	ug/l	100
70) Styrene	11.968	104	134977	33.245	ug/l	96
71) Bromoform	12.133	173	32368	41.330	ug/l #	100
73) Isopropylbenzene	12.255	105	274960	56.559	ug/l	99
74) N-amyl acetate	12.072	43	62022	50.192	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	47439	55.291	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	59681	92.205	ug/l #	100
77) Bromobenzene	12.529	156	53014	46.884	ug/l	98
78) n-propylbenzene	12.596	91	306532	51.961	ug/l	99
79) 2-Chlorotoluene	12.682	91	158014	46.672	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	196679	49.328	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	14046	48.233	ug/l	96
82) 4-Chlorotoluene	12.779	91	152511	43.456	ug/l	98
83) tert-Butylbenzene	12.999	119	197972	54.967	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	187917	47.388	ug/l	99
85) sec-Butylbenzene	13.176	105	276345	52.528	ug/l	100
86) p-Isopropyltoluene	13.291	119	219080	49.871	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	87423	39.084	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	85615	38.745	ug/l	100
89) n-Butylbenzene	13.614	91	180608	43.689	ug/l	99
90) Hexachloroethane	13.877	117	43674	47.596	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	74538	38.035	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6498	47.876	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	25765	21.541	ug/l	99
94) Hexachlorobutadiene	15.023	225	29785	39.554	ug/l	98
95) Naphthalene	15.145	128	51838	26.166	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	21258	21.035	ug/l	99

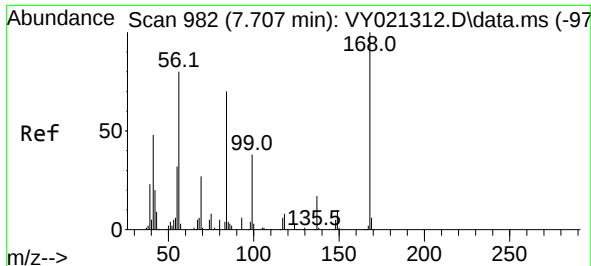
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
Data File : VY021372.D
Acq On : 27 Feb 2025 20:38
Operator : SY/MD
Sample : Q1421-03MSD
Misc : 4.42g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Feb 28 00:45:26 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)
----------	------	------	----------	------	-------	----------

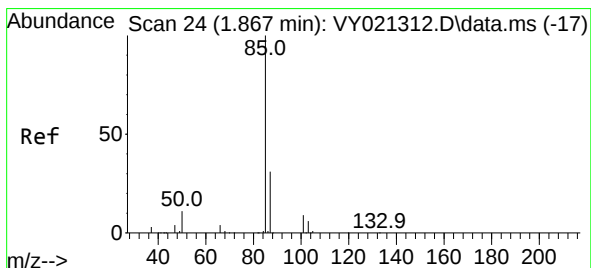
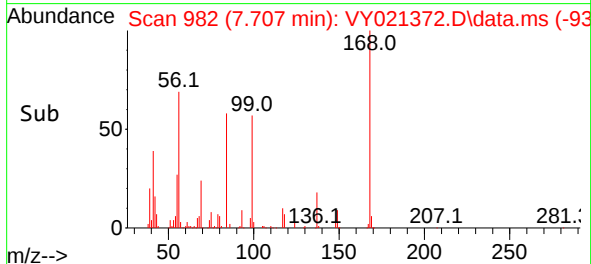
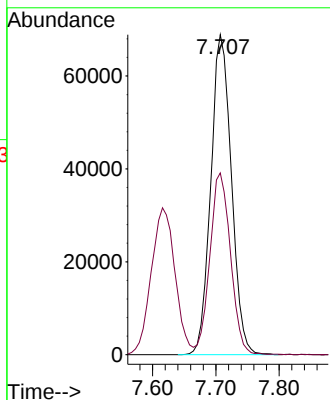
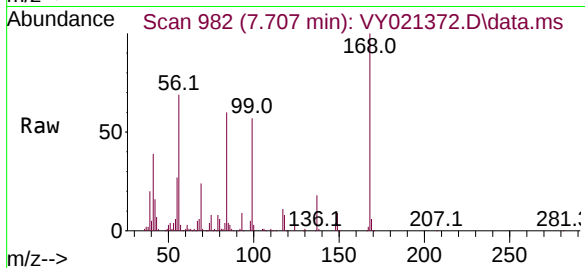
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

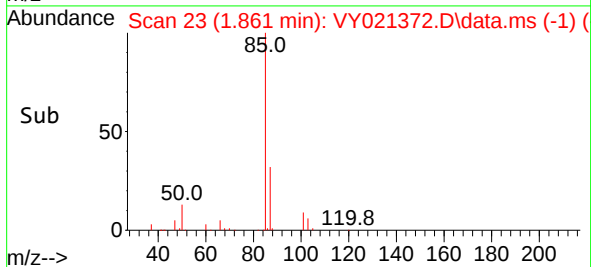
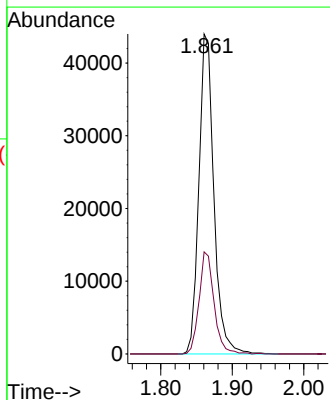
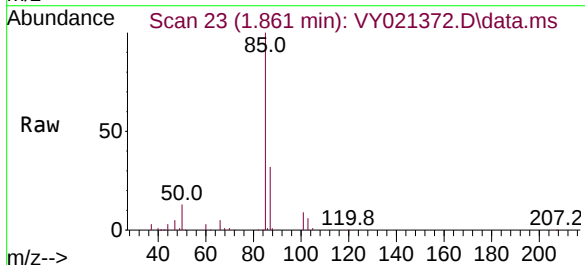
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MSD

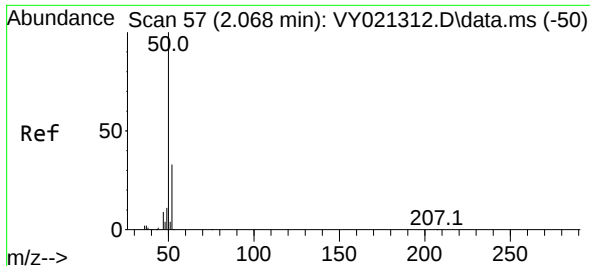
Tgt Ion:168 Resp: 155726
Ion Ratio Lower Upper
168 100
99 56.7 47.1 70.7



#2
Dichlorodifluoromethane
Concen: 43.525 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

Tgt Ion: 85 Resp: 64264
Ion Ratio Lower Upper
85 100
87 31.9 15.4 46.4

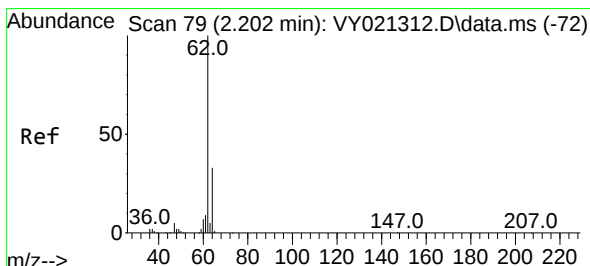
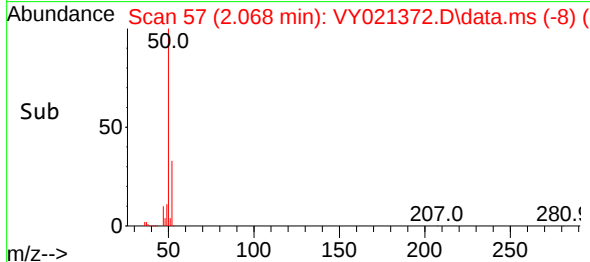
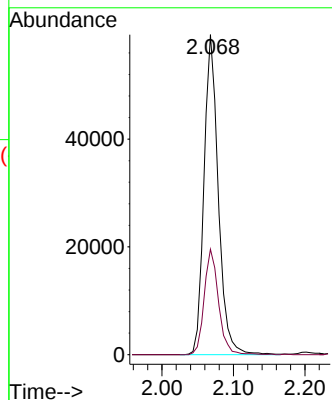
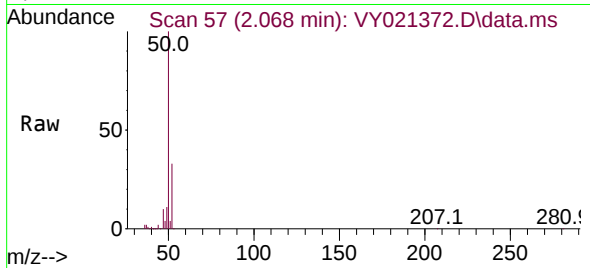




#3
Chloromethane
Concen: 43.254 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

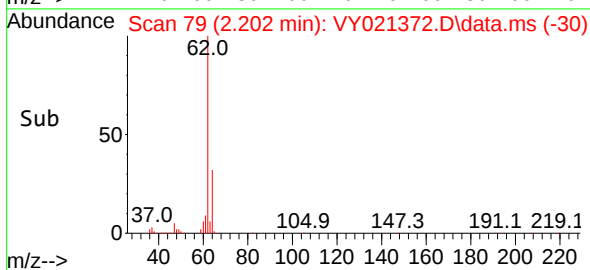
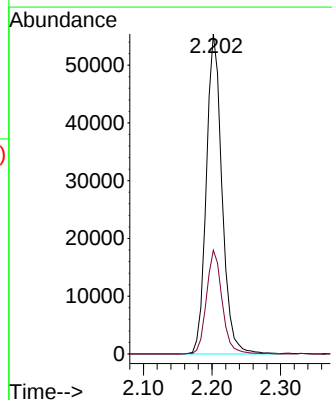
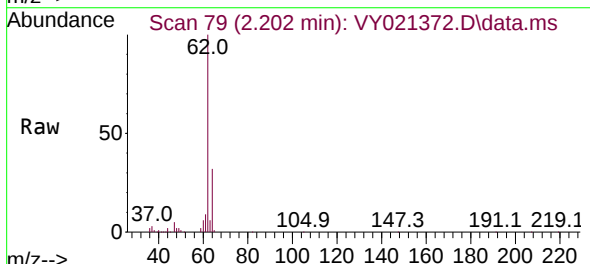
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MSD

Tgt Ion: 50 Resp: 82478
Ion Ratio Lower Upper
50 100
52 33.0 26.6 40.0



#4
Vinyl Chloride
Concen: 47.170 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

Tgt Ion: 62 Resp: 88283
Ion Ratio Lower Upper
62 100
64 32.4 26.3 39.5

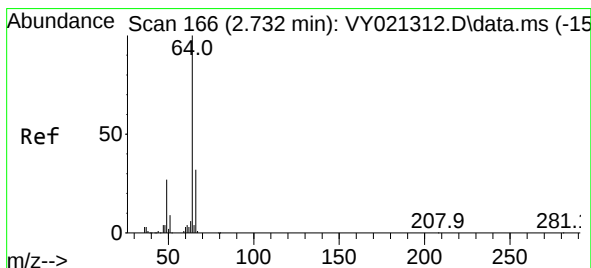
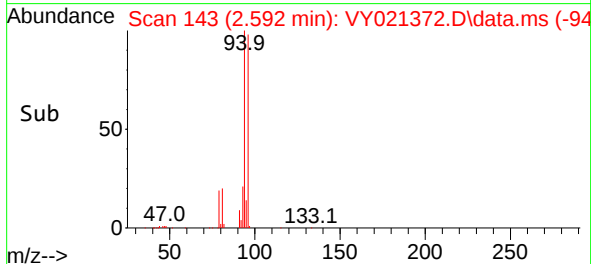
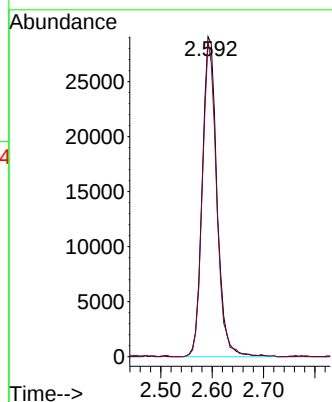
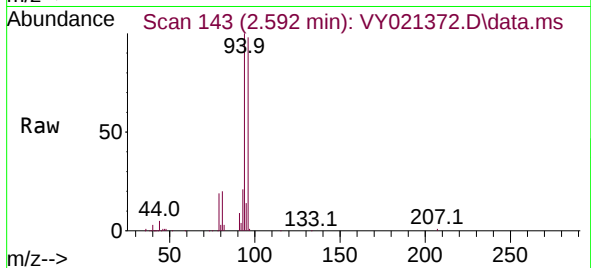




#5
Bromomethane
Concen: 46.491 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

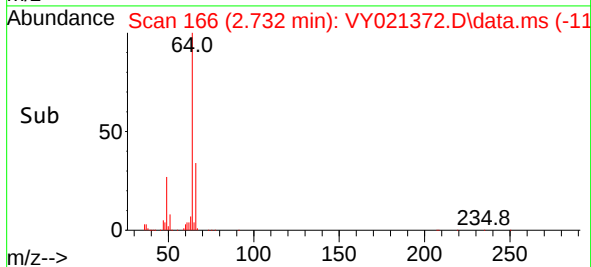
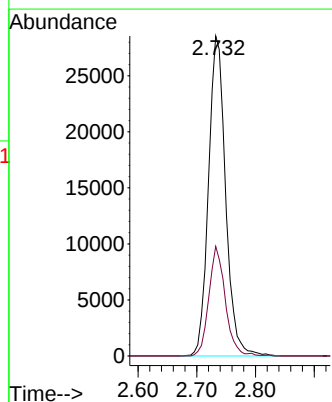
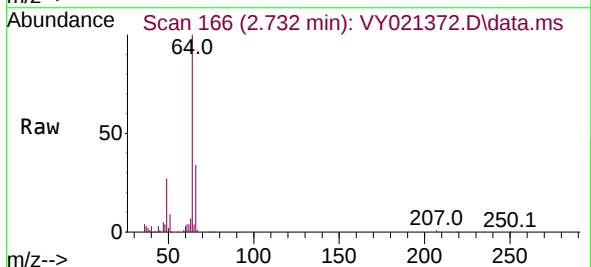
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MSD

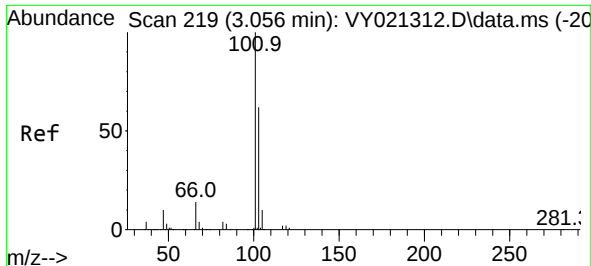
Tgt Ion: 94 Resp: 57821
Ion Ratio Lower Upper
94 100
96 98.5 75.2 112.8



#6
Chloroethane
Concen: 49.803 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

Tgt Ion: 64 Resp: 57802
Ion Ratio Lower Upper
64 100
66 34.3 25.4 38.0

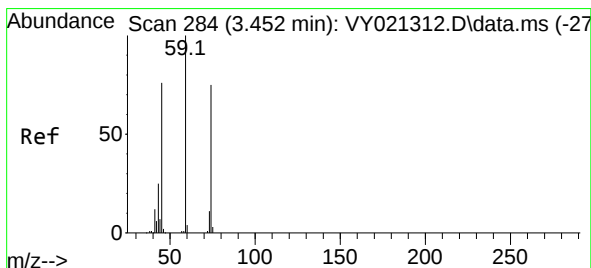
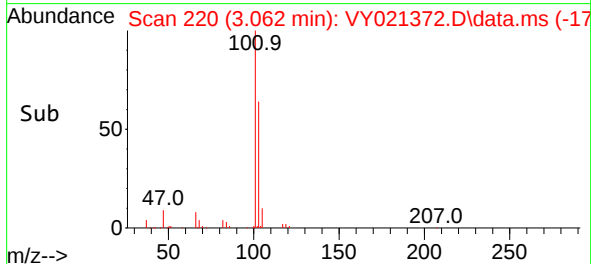
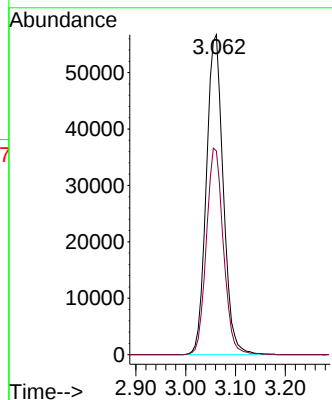
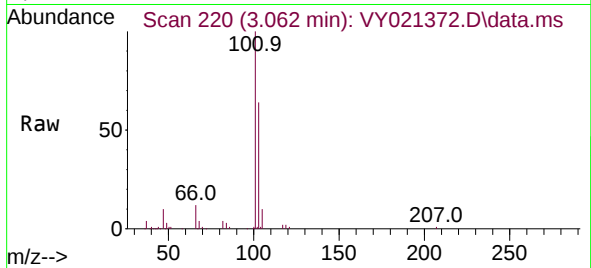




#7
Trichlorofluoromethane
Concen: 47.161 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

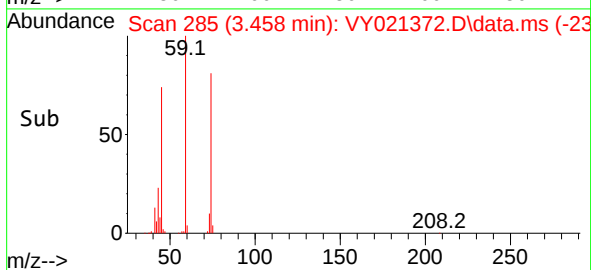
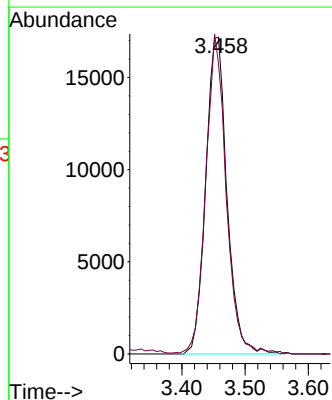
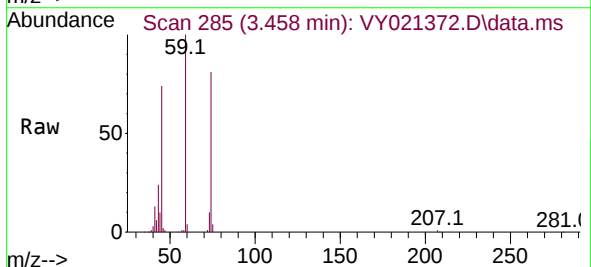
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MSD

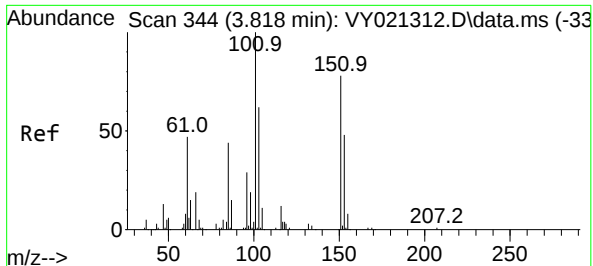
Tgt Ion:101 Resp: 133302
Ion Ratio Lower Upper
101 100
103 63.7 49.7 74.5



#8
Diethyl Ether
Concen: 47.332 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

Tgt Ion: 74 Resp: 40154
Ion Ratio Lower Upper
74 100
45 97.3 50.3 150.9

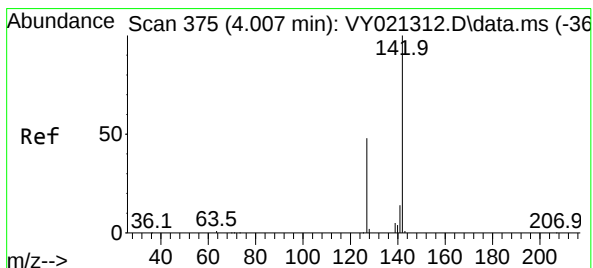
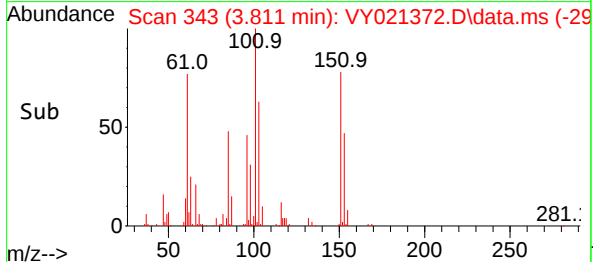
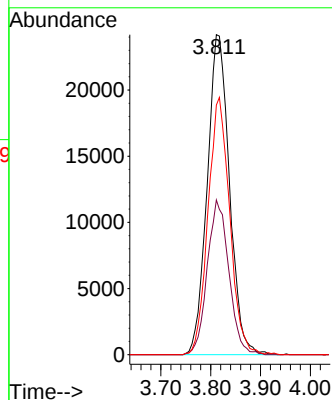
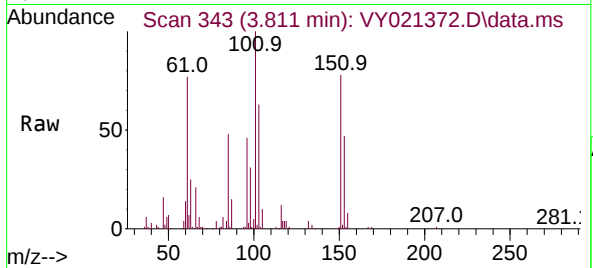




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.802 ug/l
RT: 3.811 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

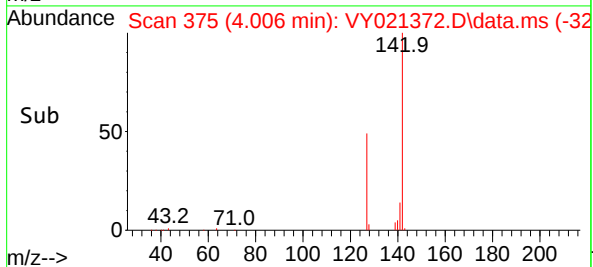
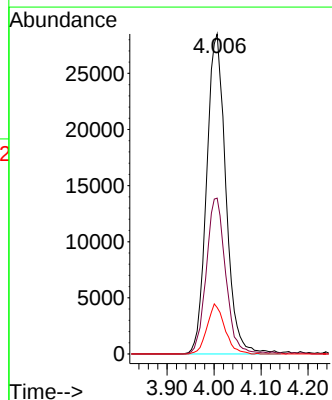
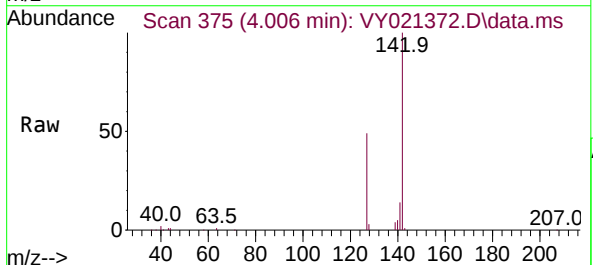
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MSD

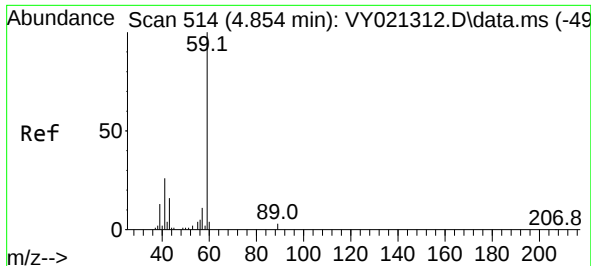
Tgt Ion:101 Resp: 74952
Ion Ratio Lower Upper
101 100
85 46.8 36.7 55.1
151 78.3 62.6 94.0



#10
Methyl Iodide
Concen: 47.000 ug/l
RT: 4.006 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

Tgt Ion:142 Resp: 80916
Ion Ratio Lower Upper
142 100
127 49.1 39.2 58.8
141 14.4 11.4 17.2

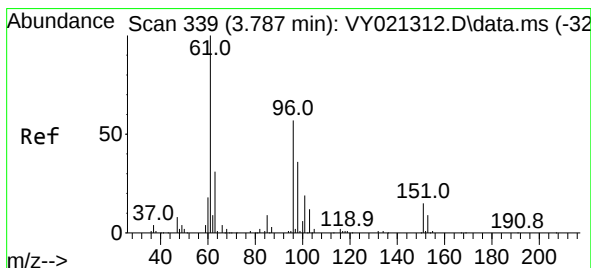
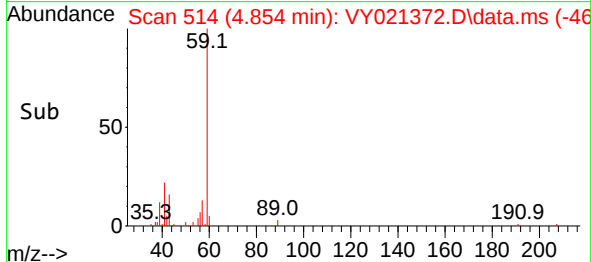
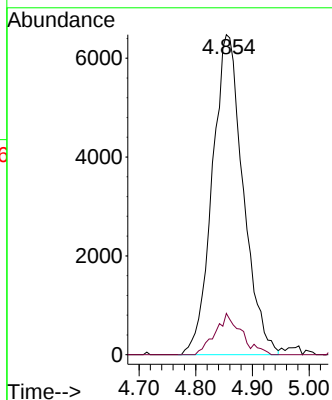
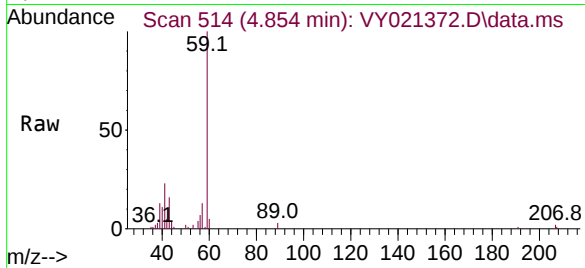




#11
Tert butyl alcohol
Concen: 180.017 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

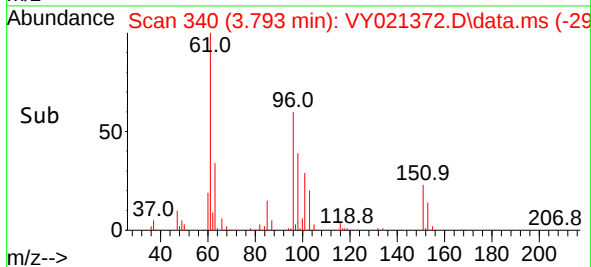
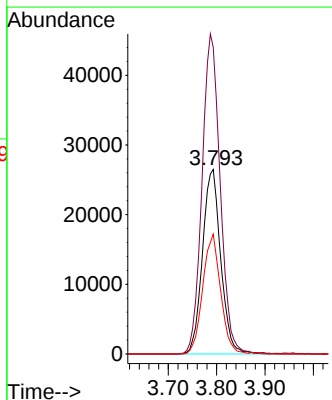
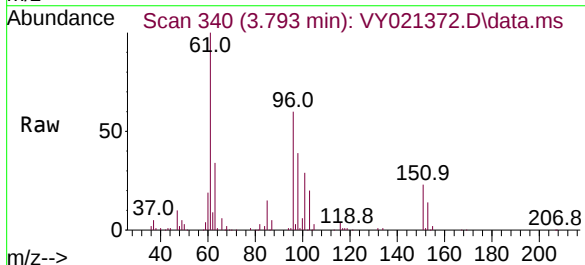
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MSD

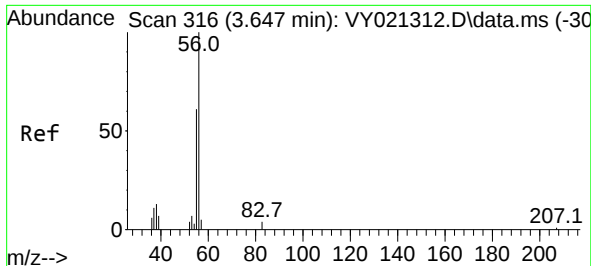
Tgt Ion: 59 Resp: 24461
Ion Ratio Lower Upper
59 100
57 11.1 8.3 12.5



#12
1,1-Dichloroethene
Concen: 44.370 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

Tgt Ion: 96 Resp: 69523
Ion Ratio Lower Upper
96 100
61 166.2 139.7 209.5
98 64.9 49.7 74.5





#13

Acrolein

Concen: 24.509 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

Lab File: VY021372.D

Acq: 27 Feb 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

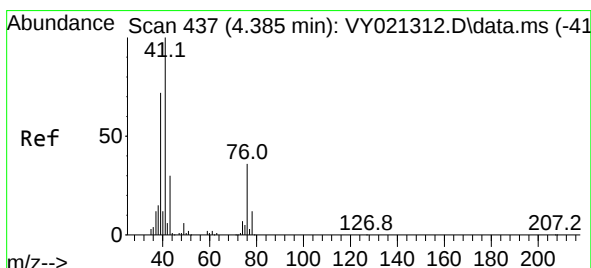
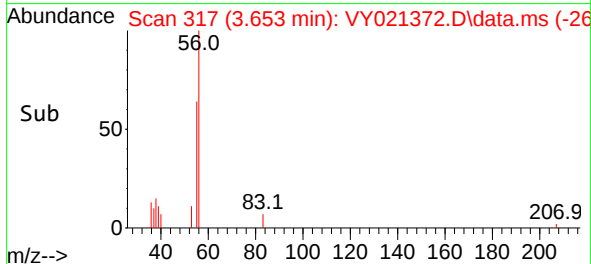
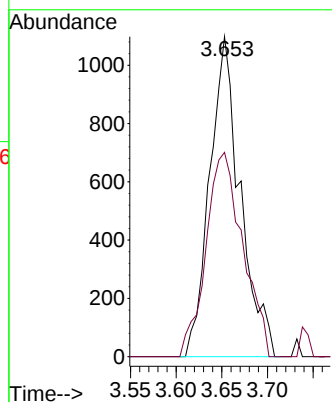
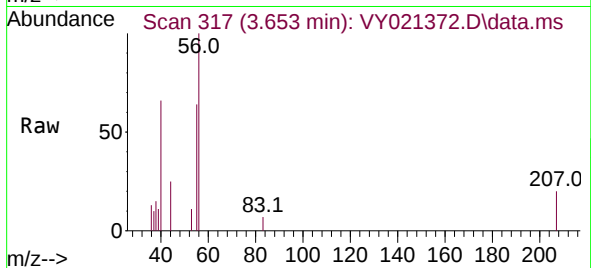
P001-CLAY-CF01-01MSD

Tgt Ion: 56 Resp: 2552

Ion Ratio Lower Upper

56 100

55 76.8 59.0 88.6



#14

Allyl chloride

Concen: 37.068 ug/l

RT: 4.378 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY021372.D

Acq: 27 Feb 2025 20:38

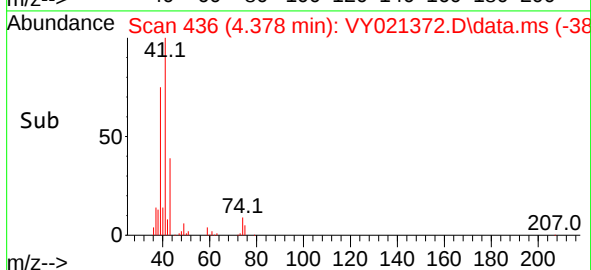
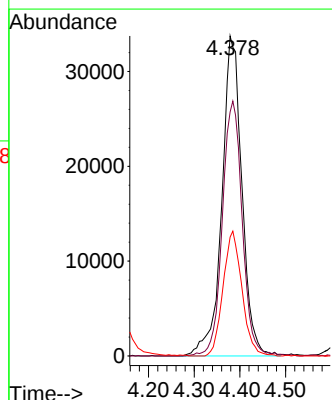
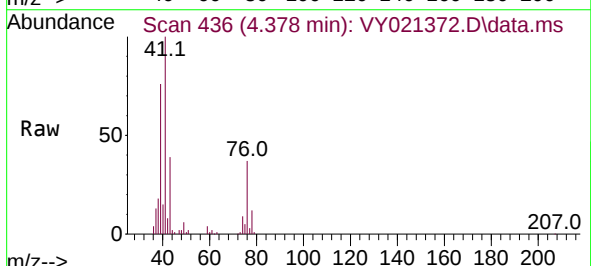
Tgt Ion: 41 Resp: 102978

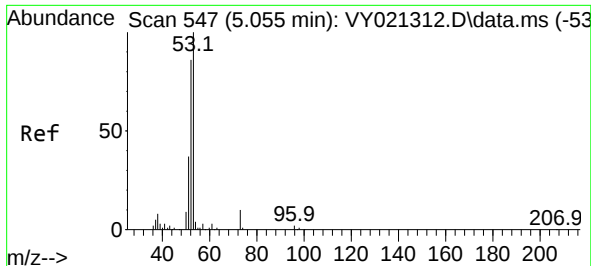
Ion Ratio Lower Upper

41 100

39 79.1 60.0 90.0

76 36.7 29.0 43.6

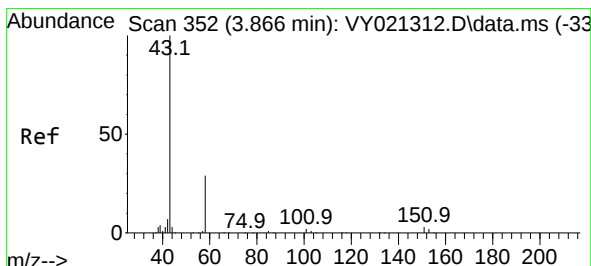
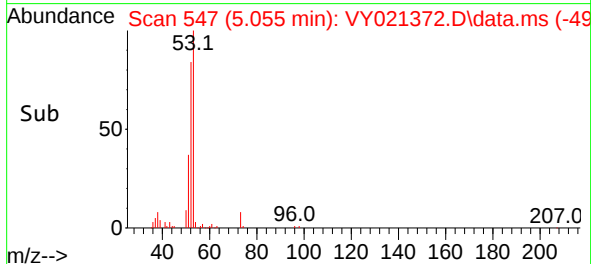
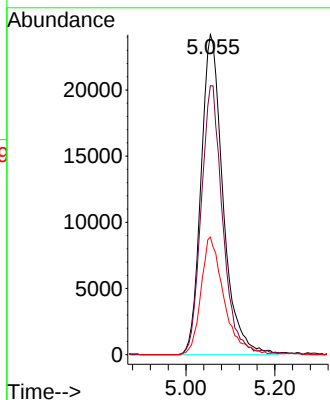
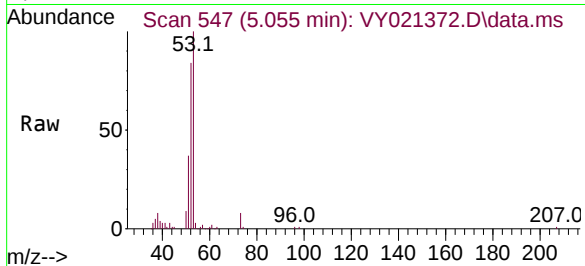




#15
Acrylonitrile
Concen: 222.570 ug/l
RT: 5.055 min Scan# 547
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

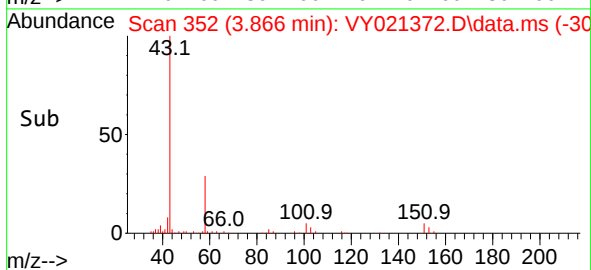
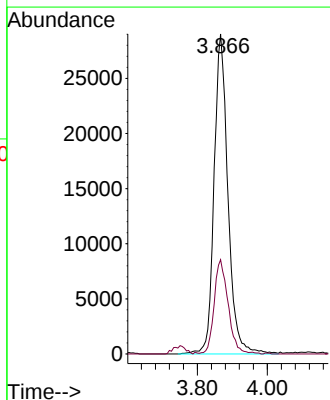
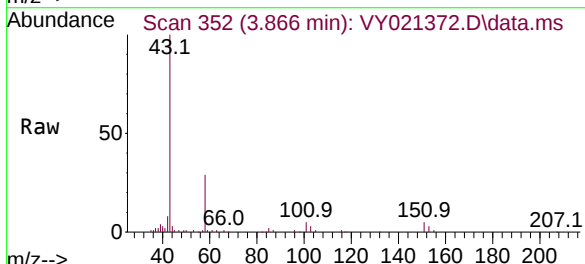
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MSD

Tgt Ion: 53 Resp: 83482
Ion Ratio Lower Upper
53 100
52 82.6 65.5 98.3
51 38.3 30.6 46.0



#16
Acetone
Concen: 236.075 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

Tgt Ion: 43 Resp: 79999
Ion Ratio Lower Upper
43 100
58 29.4 23.5 35.3

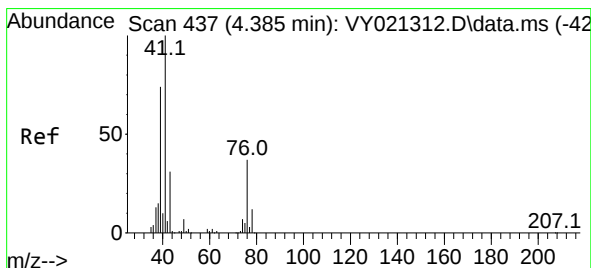
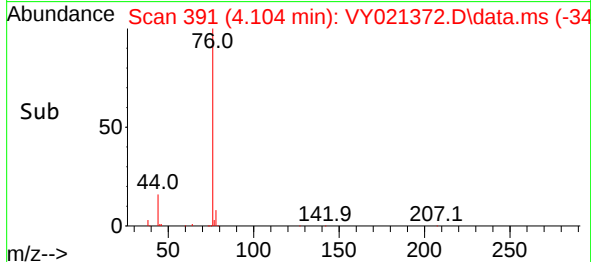
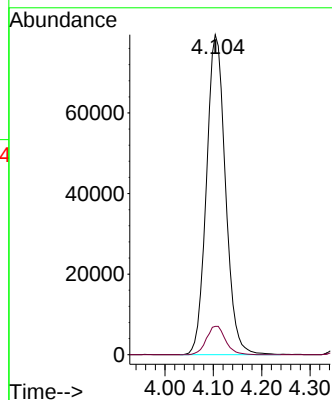
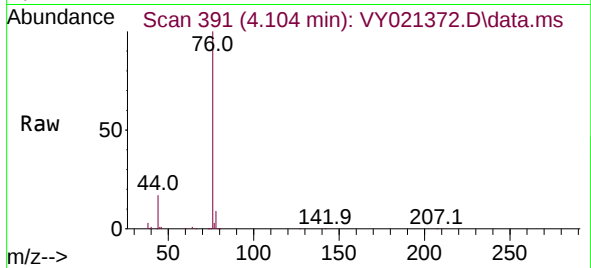




#17
Carbon Disulfide
Concen: 41.697 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

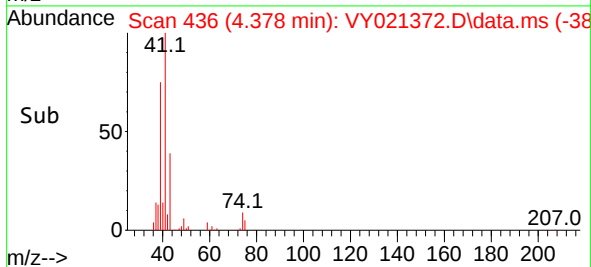
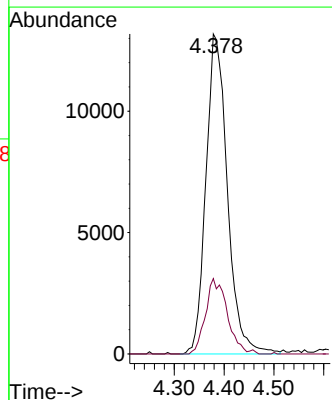
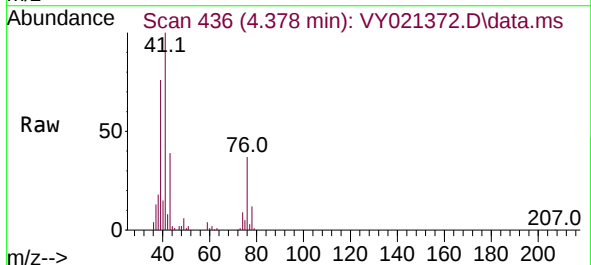
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MSD

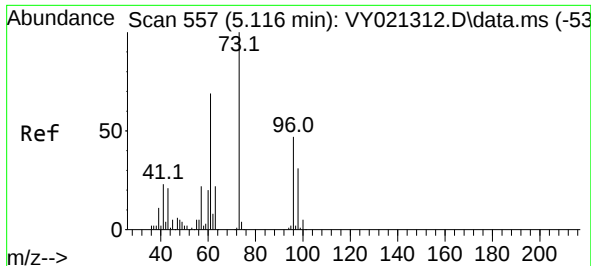
Tgt Ion: 76 Resp: 216951
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 47.603 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

Tgt Ion: 43 Resp: 39423
Ion Ratio Lower Upper
43 100
74 24.0 17.7 26.5

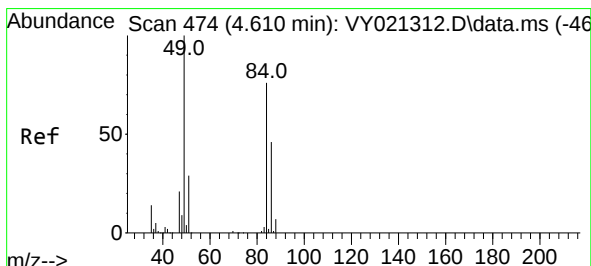
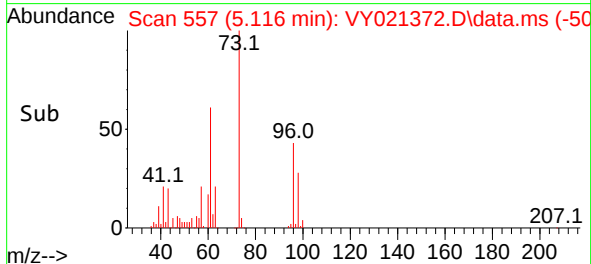
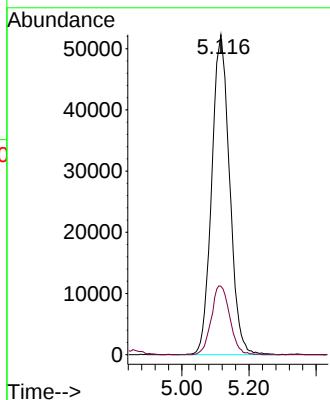
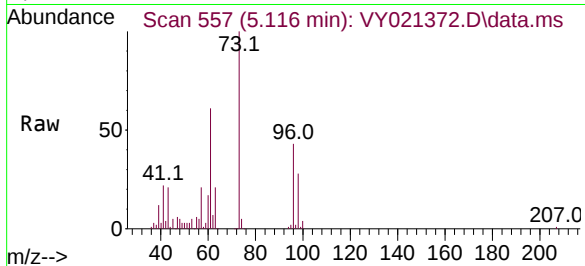




#19
Methyl tert-butyl Ether
Concen: 46.744 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

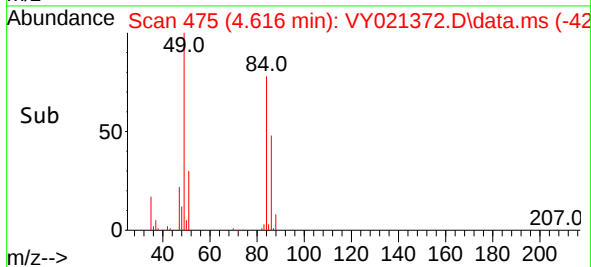
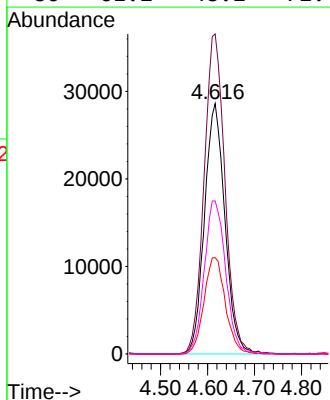
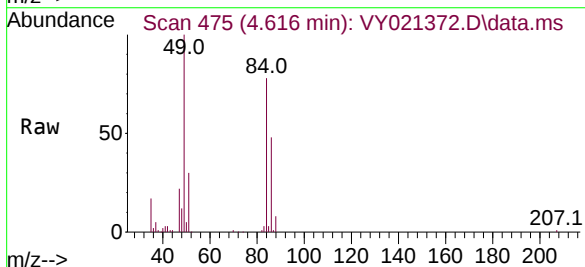
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MSD

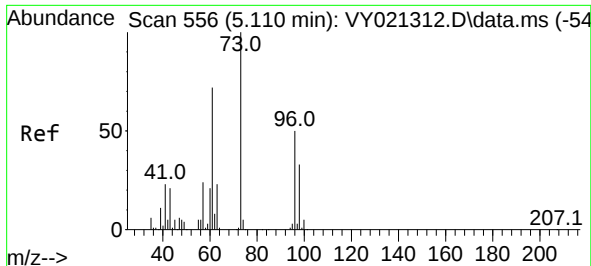
Tgt Ion: 73 Resp: 193512
Ion Ratio Lower Upper
73 100
57 21.4 17.4 26.0



#20
Methylene Chloride
Concen: 47.275 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

Tgt Ion: 84 Resp: 86630
Ion Ratio Lower Upper
84 100
49 127.8 105.1 157.7
51 38.5 31.0 46.4
86 61.2 48.2 72.4

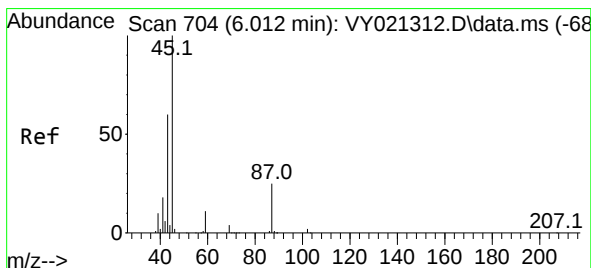
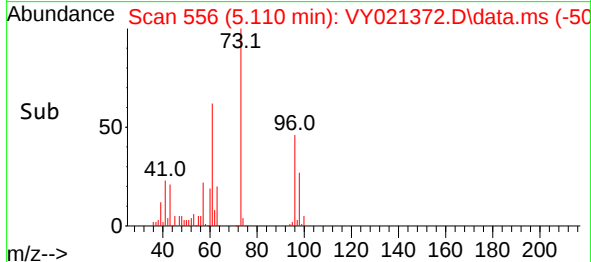
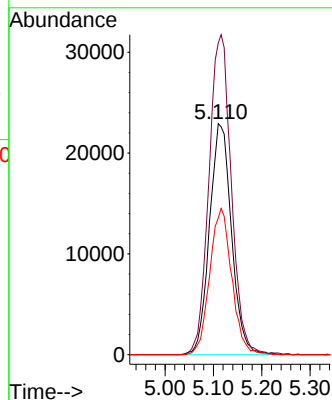
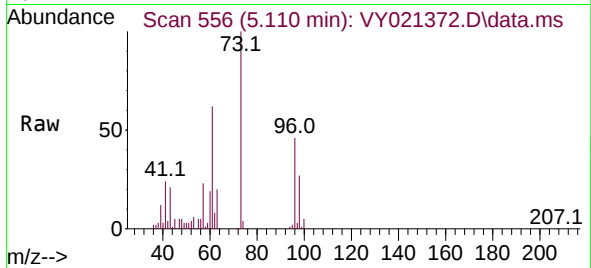




#21
trans-1,2-Dichloroethene
Concen: 42.053 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

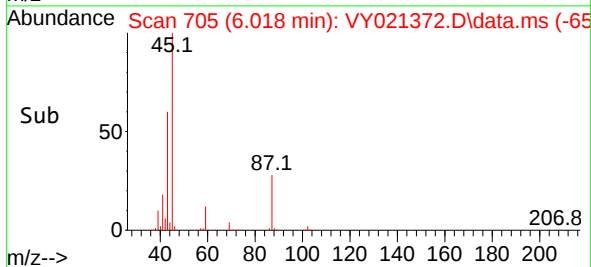
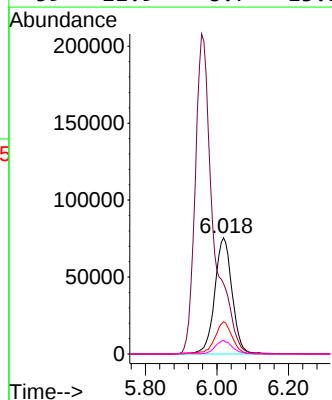
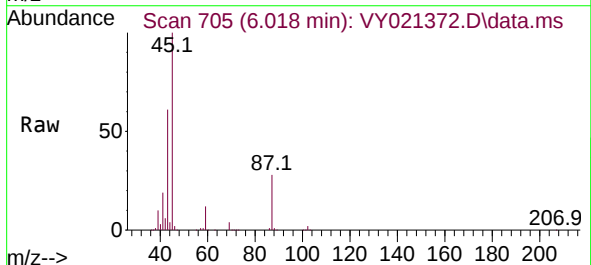
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MSD

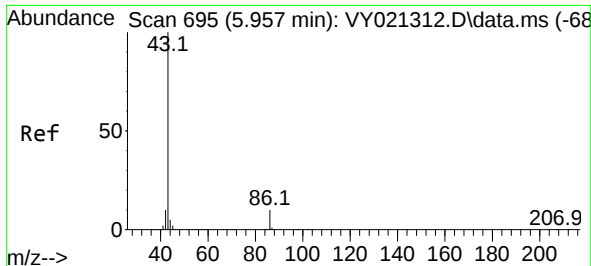
Tgt Ion: 96 Resp: 72538
Ion Ratio Lower Upper
96 100
61 135.0 116.3 174.5
98 59.2 52.6 78.8



#22
Diisopropyl ether
Concen: 44.216 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

Tgt Ion: 45 Resp: 254188
Ion Ratio Lower Upper
45 100
43 60.1 48.2 72.4
87 27.7 20.3 30.5
59 11.9 8.7 13.1

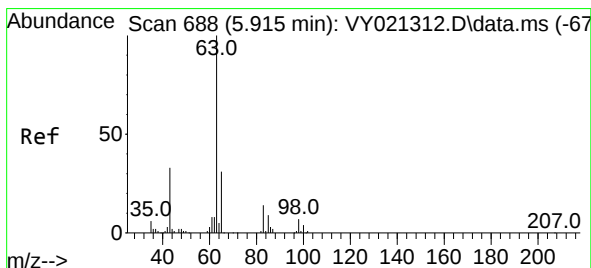
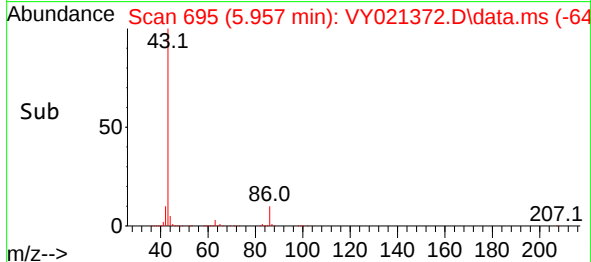
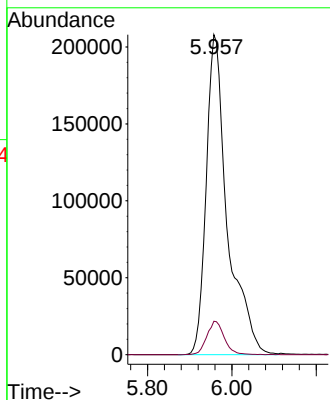
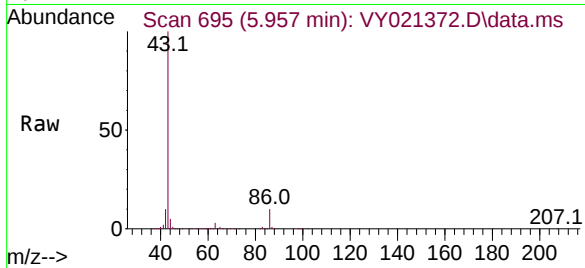




#23
 Vinyl Acetate
 Concen: 211.500 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY021372.D
 Acq: 27 Feb 2025 20:38

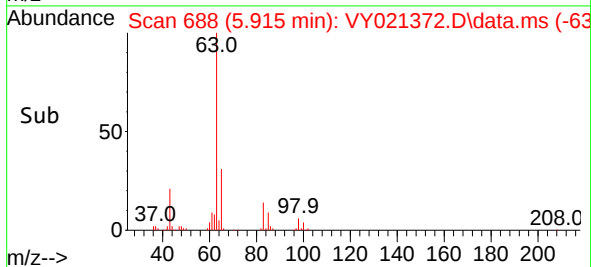
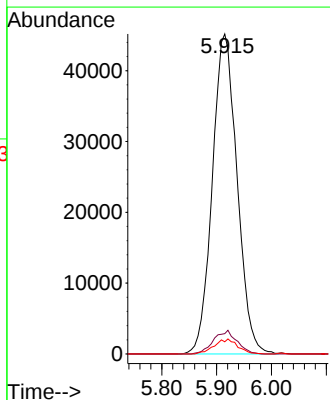
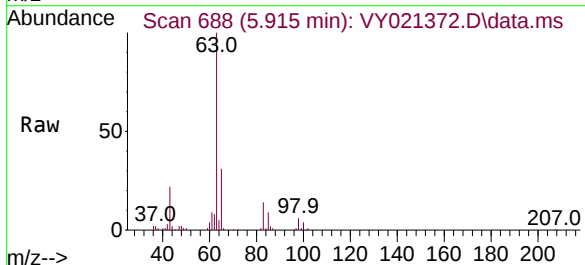
Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-CLAY-CF01-01MSD

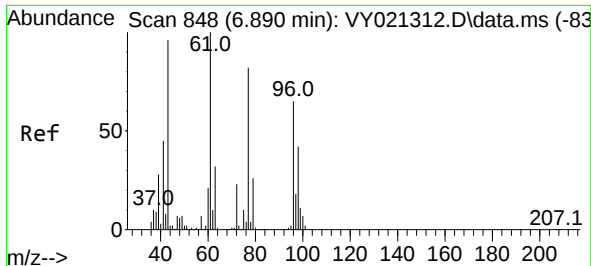
Tgt Ion: 43 Resp: 726562
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 43.809 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY021372.D
 Acq: 27 Feb 2025 20:38

Tgt Ion: 63 Resp: 141947
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.7 11.1
 100 3.8 2.1 6.5





#25

2-Butanone

Concen: 210.560 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY021372.D

Acq: 27 Feb 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

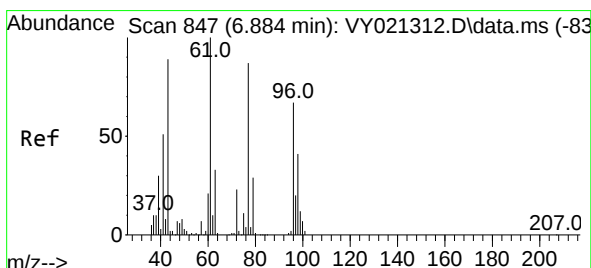
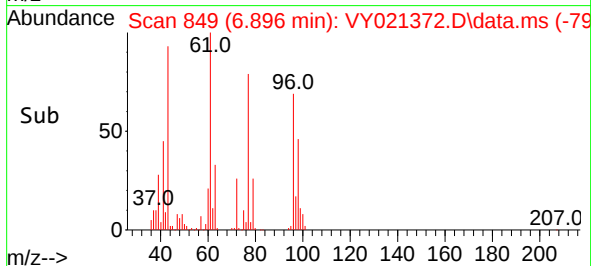
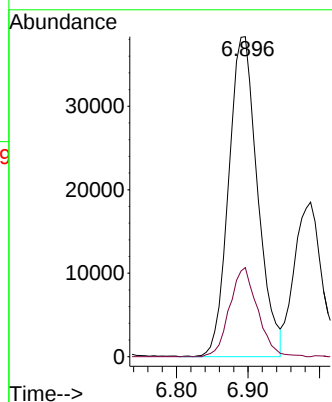
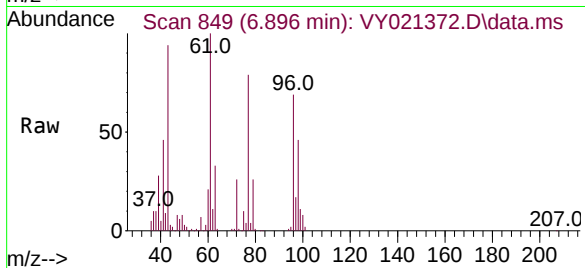
P001-CLAY-CF01-01MSD

Tgt Ion: 43 Resp: 107688

Ion Ratio Lower Upper

43 100

72 27.9 19.0 28.6



#26

2,2-Dichloropropane

Concen: 40.268 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY021372.D

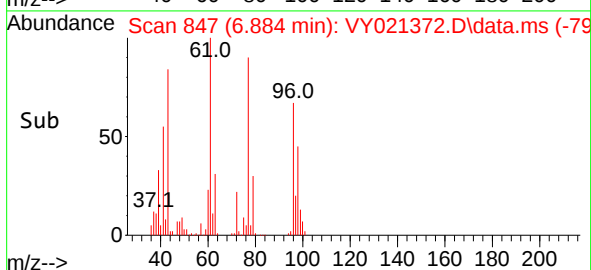
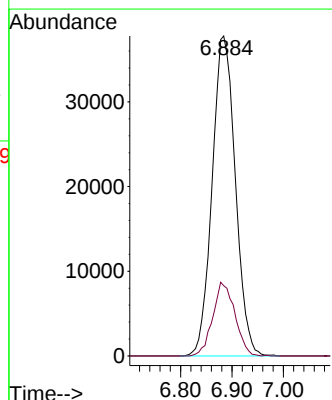
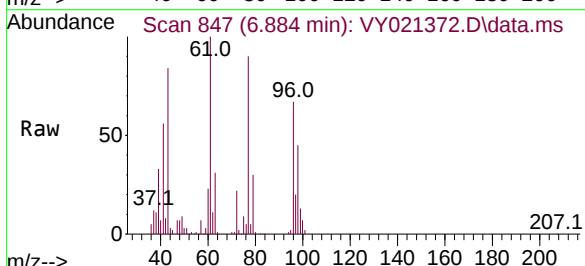
Acq: 27 Feb 2025 20:38

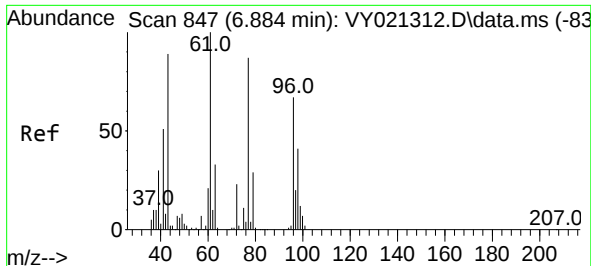
Tgt Ion: 77 Resp: 118389

Ion Ratio Lower Upper

77 100

97 22.0 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 41.526 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY021372.D

Acq: 27 Feb 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

P001-CLAY-CF01-01MSD

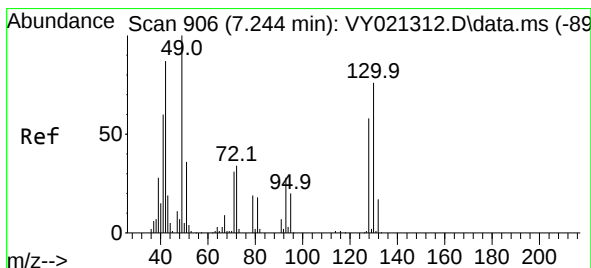
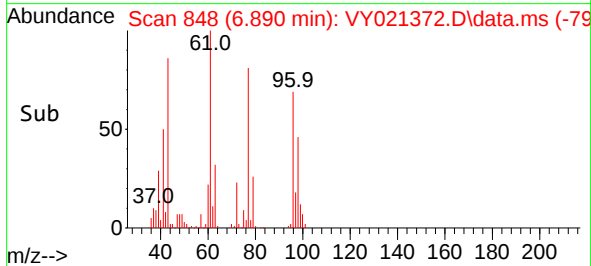
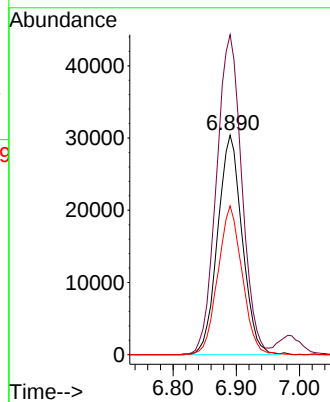
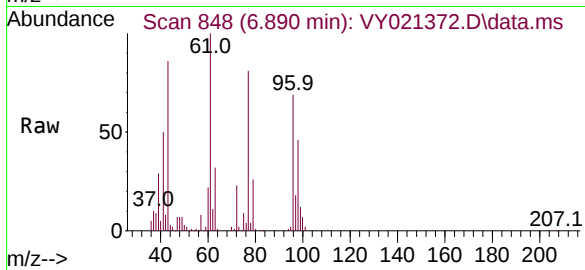
Tgt Ion: 96 Resp: 81795

Ion Ratio Lower Upper

96 100

61 151.2 0.0 308.0

98 67.0 0.0 129.6



#28

Bromochloromethane

Concen: 46.940 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY021372.D

Acq: 27 Feb 2025 20:38

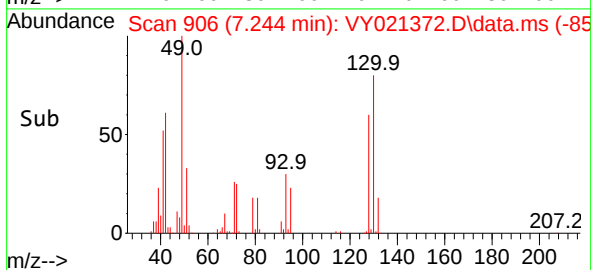
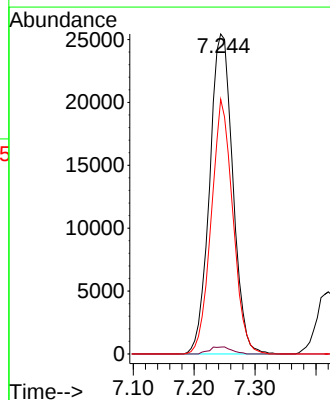
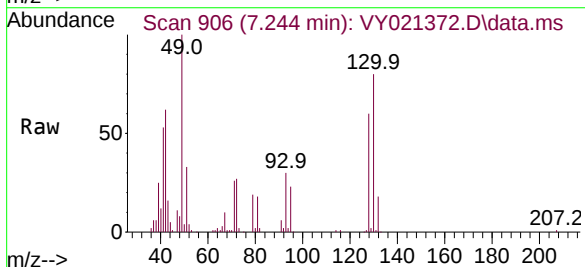
Tgt Ion: 49 Resp: 67297

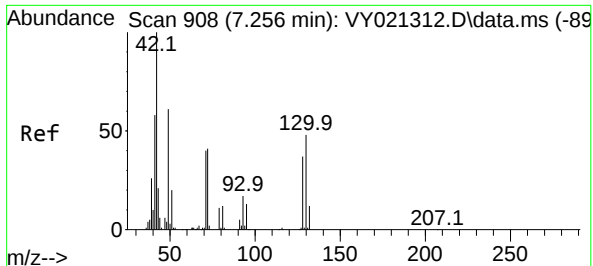
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

130 74.1 57.8 86.6





#29

Tetrahydrofuran

Concen: 216.471 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY021372.D

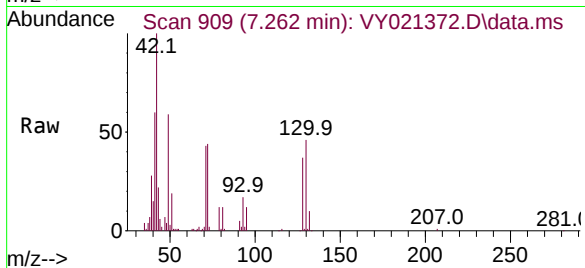
Acq: 27 Feb 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

P001-CLAY-CF01-01MSD



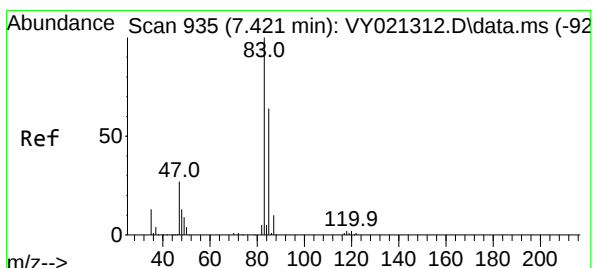
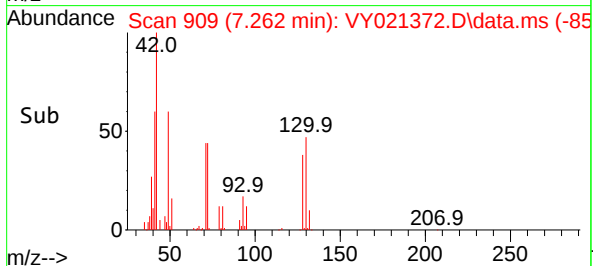
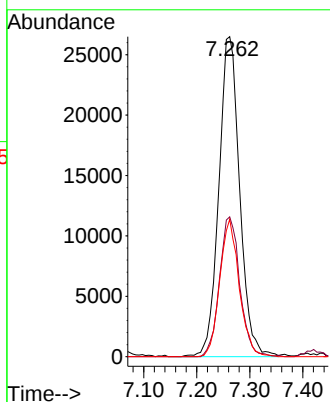
Tgt Ion: 42 Resp: 72366

Ion	Ratio	Lower	Upper
-----	-------	-------	-------

42	100		
----	-----	--	--

72	42.7	33.1	49.7
----	------	------	------

71	40.1	31.4	47.0
----	------	------	------



#30

Chloroform

Concen: 43.727 ug/l

RT: 7.420 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY021372.D

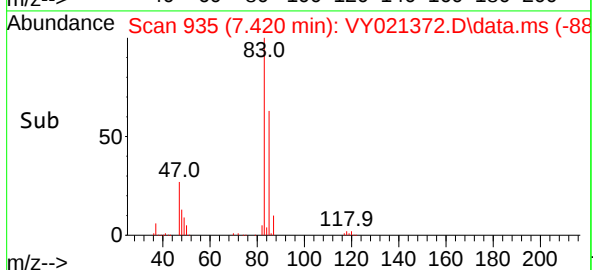
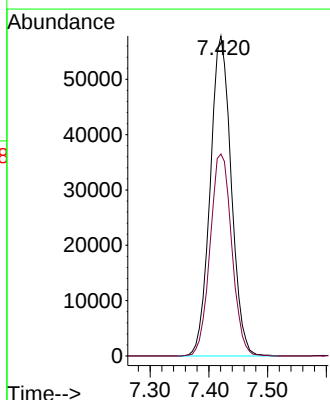
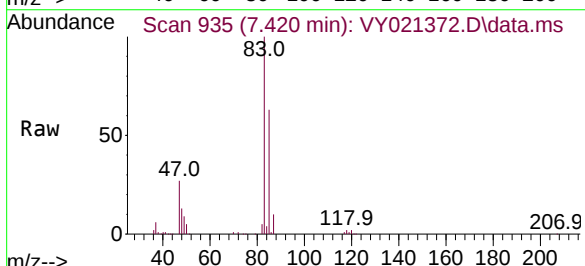
Acq: 27 Feb 2025 20:38

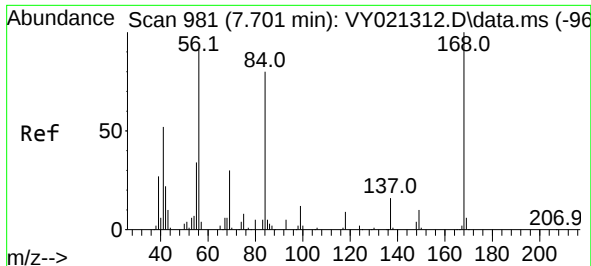
Tgt Ion: 83 Resp: 143563

Ion	Ratio	Lower	Upper
-----	-------	-------	-------

83	100		
----	-----	--	--

85	63.1	51.6	77.4
----	------	------	------

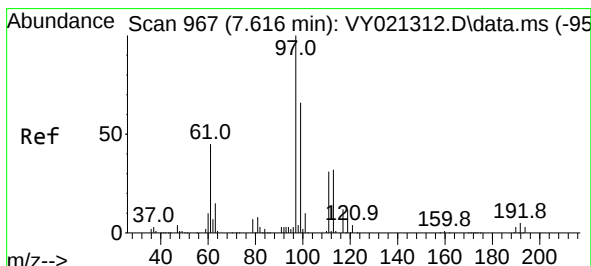
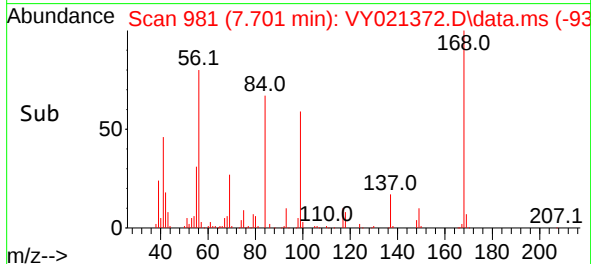
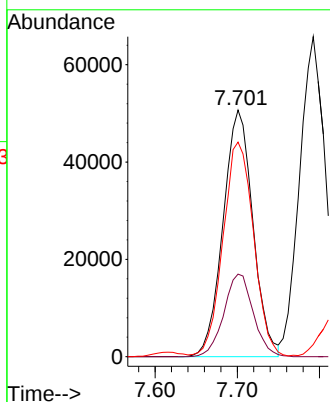
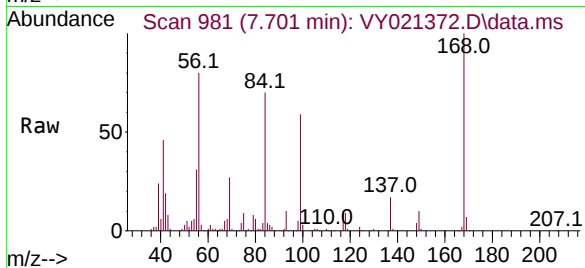




#31
Cyclohexane
Concen: 41.072 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

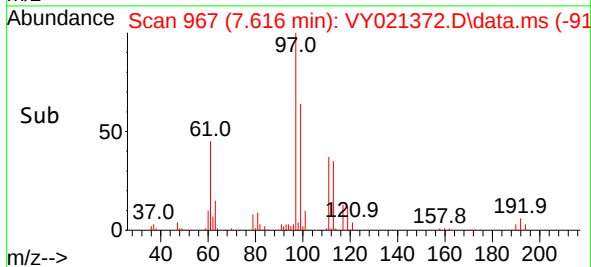
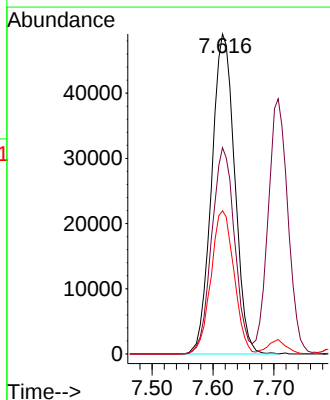
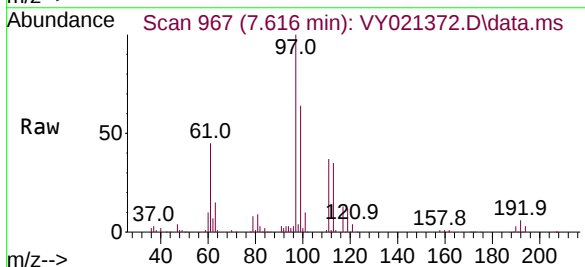
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MSD

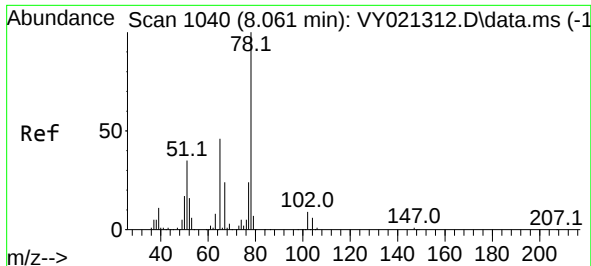
Tgt Ion: 56 Resp: 127921
Ion Ratio Lower Upper
56 100
69 33.5 26.2 39.4
84 85.7 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 43.158 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

Tgt Ion: 97 Resp: 128975
Ion Ratio Lower Upper
97 100
99 64.3 52.4 78.6
61 44.8 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 50.184 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. -0.000 min

Lab File: VY021372.D

Acq: 27 Feb 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

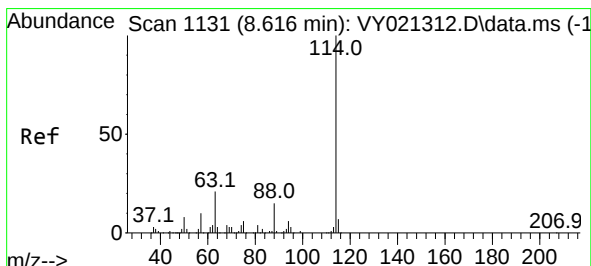
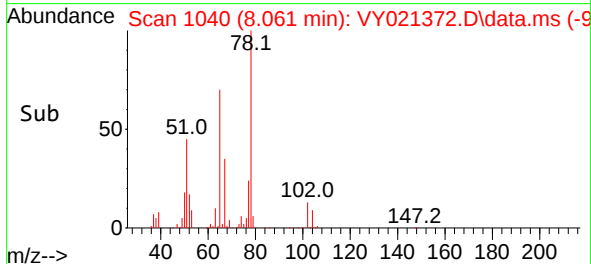
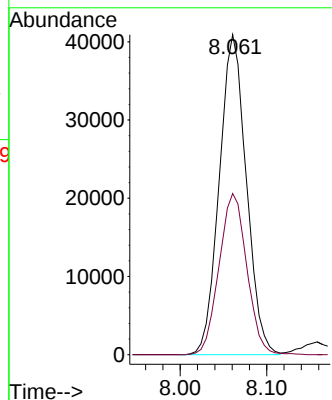
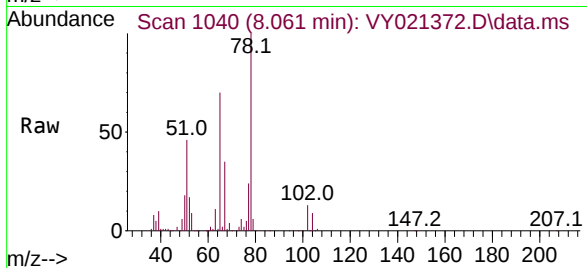
P001-CLAY-CF01-01MSD

Tgt Ion: 65 Resp: 88654

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY021372.D

Acq: 27 Feb 2025 20:38

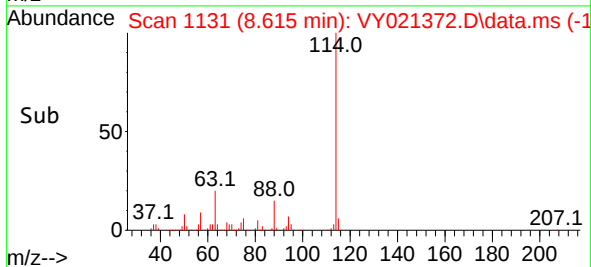
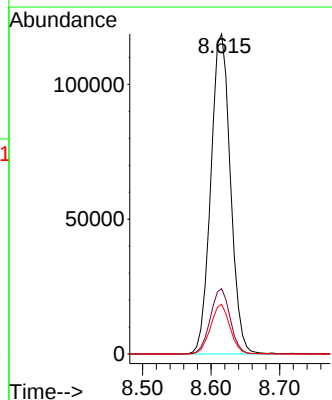
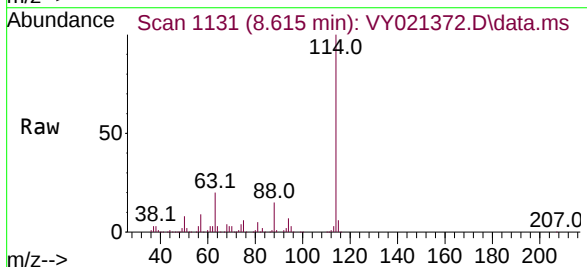
Tgt Ion: 114 Resp: 236506

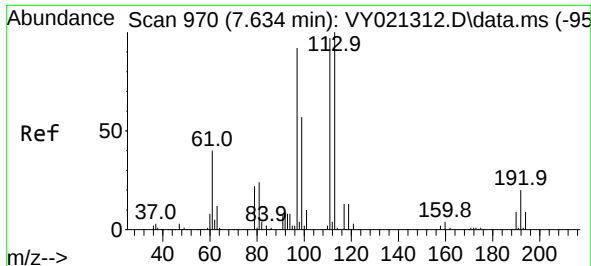
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.2

88 15.5 0.0 29.8

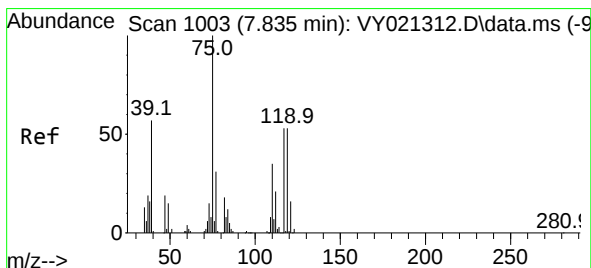
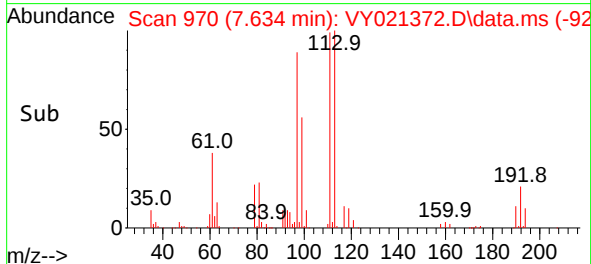
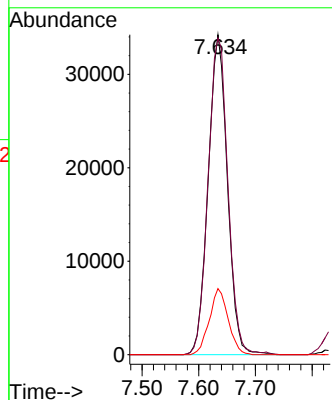
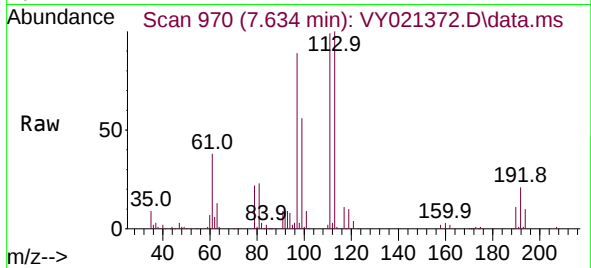




#35
Dibromofluoromethane
Concen: 51.993 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

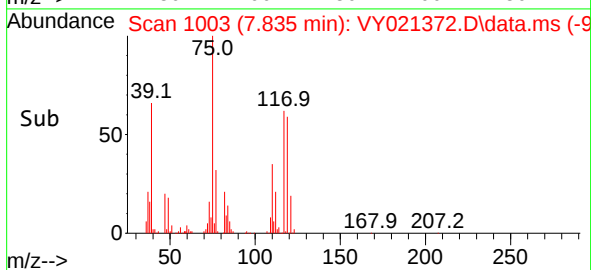
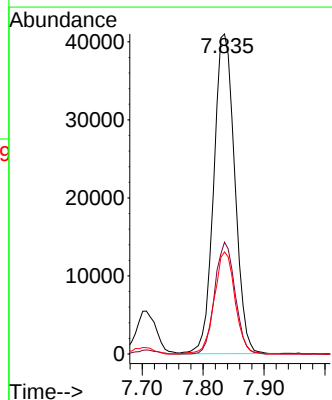
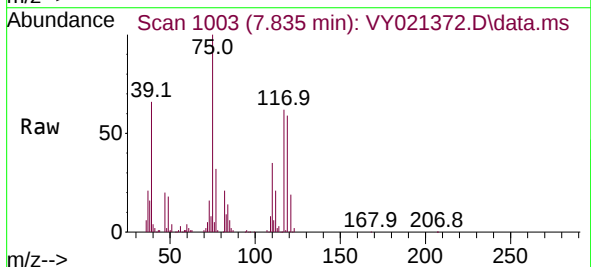
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MSD

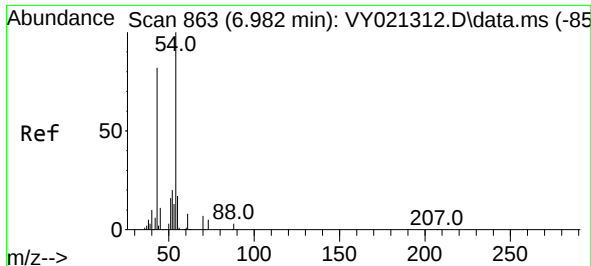
Tgt Ion:113 Resp: 80618
Ion Ratio Lower Upper
113 100
111 102.3 81.0 121.6
192 20.2 15.8 23.8



#36
1,1-Dichloropropene
Concen: 42.048 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

Tgt Ion: 75 Resp: 97934
Ion Ratio Lower Upper
75 100
110 33.8 16.9 50.7
77 31.5 24.6 36.8





#37

Ethyl Acetate

Concen: 44.714 ug/l

RT: 6.988 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY021372.D

Acq: 27 Feb 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

P001-CLAY-CF01-01MSD

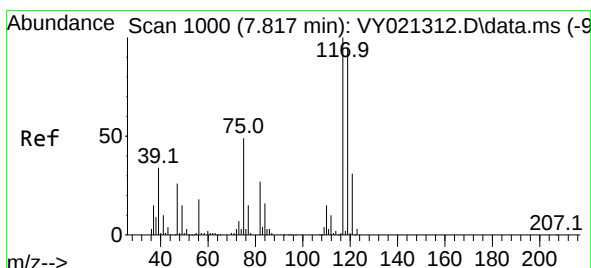
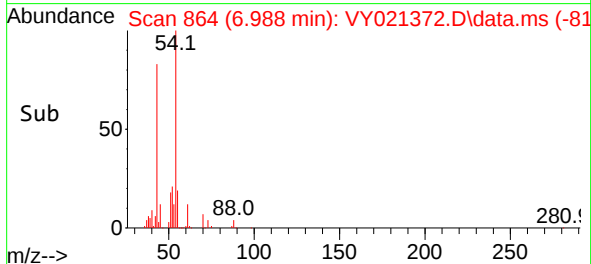
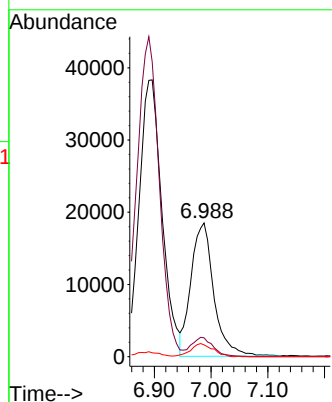
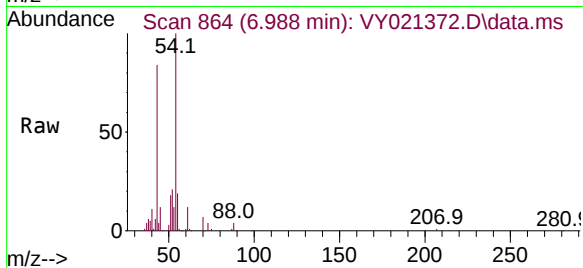
Tgt Ion: 43 Resp: 51804

Ion Ratio Lower Upper

43 100

61 13.7 10.4 15.6

70 9.5 7.5 11.3



#38

Carbon Tetrachloride

Concen: 42.999 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY021372.D

Acq: 27 Feb 2025 20:38

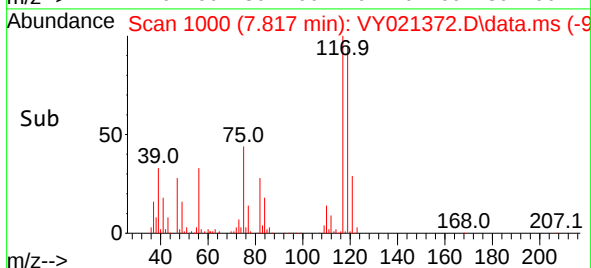
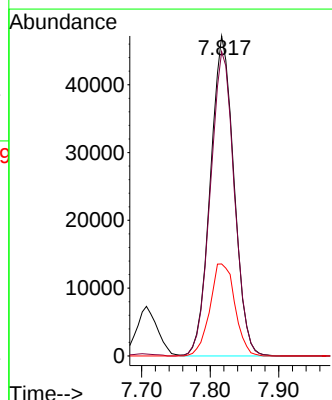
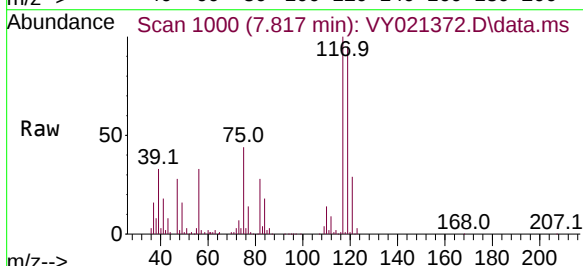
Tgt Ion: 117 Resp: 112590

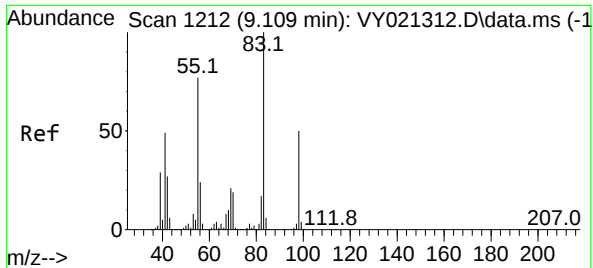
Ion Ratio Lower Upper

117 100

119 95.1 76.0 114.0

121 28.8 24.9 37.3

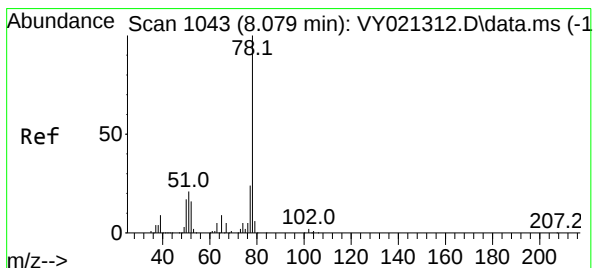
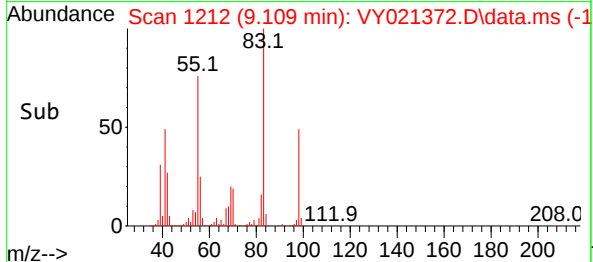
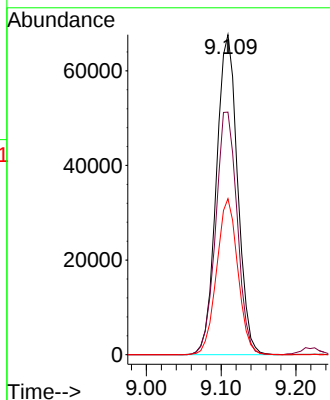
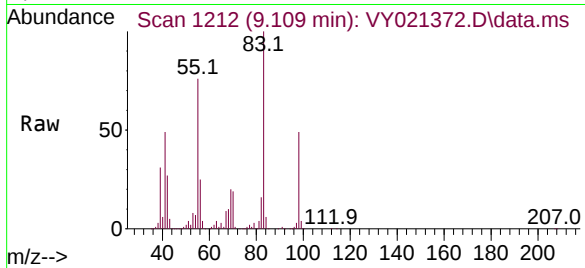




#39
Methylcyclohexane
Concen: 45.314 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

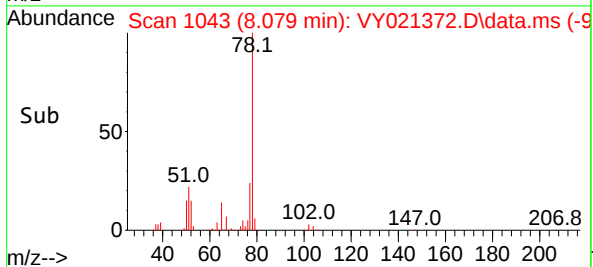
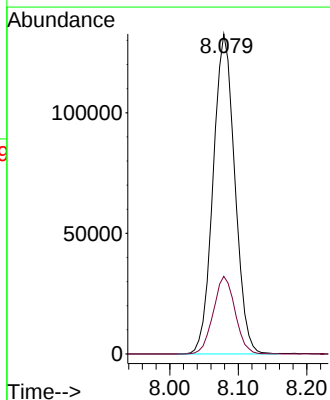
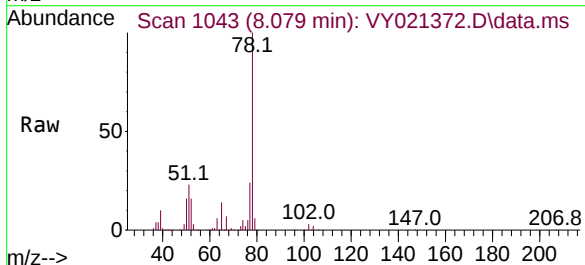
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MSD

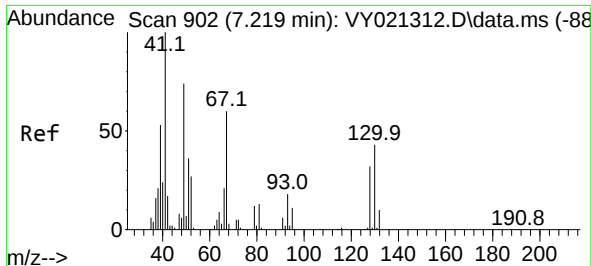
Tgt Ion: 83 Resp: 133491
Ion Ratio Lower Upper
83 100
55 75.8 61.3 91.9
98 48.8 39.9 59.9



#40
Benzene
Concen: 42.322 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

Tgt Ion: 78 Resp: 291386
Ion Ratio Lower Upper
78 100
77 24.3 19.2 28.8

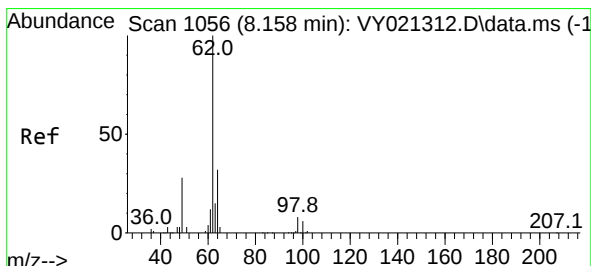
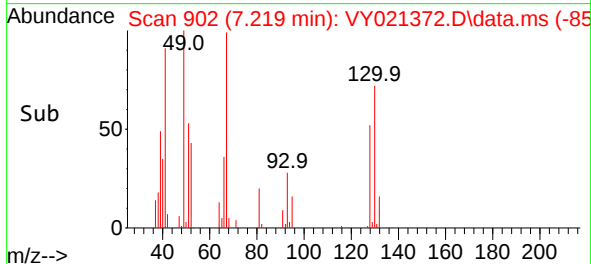
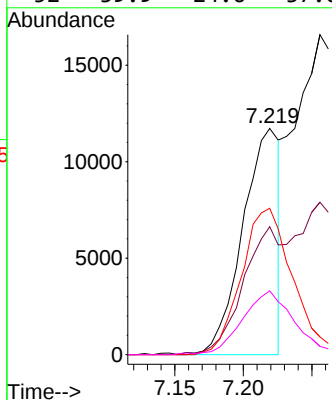
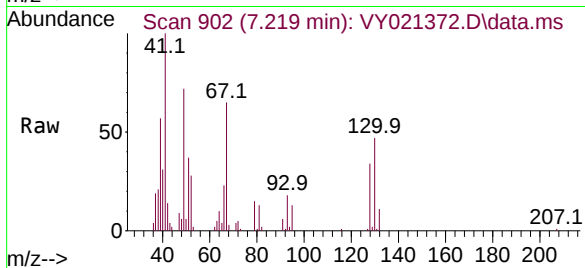




#41
Methacrylonitrile
Concen: 33.961 ug/l
RT: 7.219 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

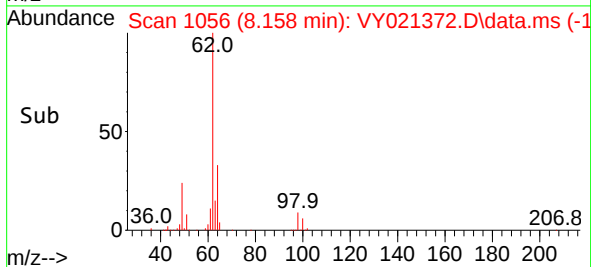
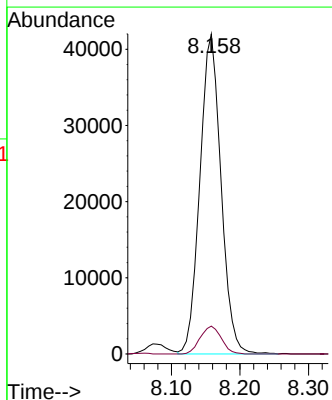
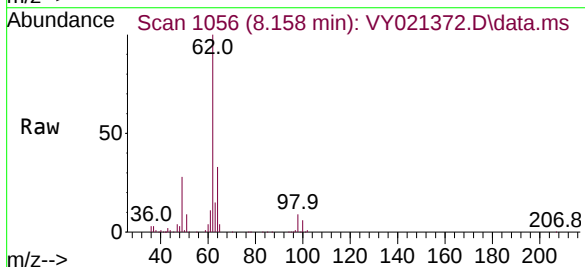
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MSD

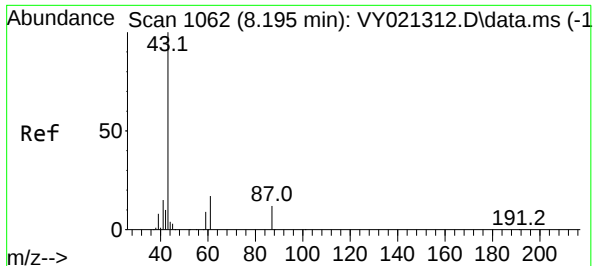
Tgt Ion:	41	Resp:	21999
Ion	Ratio	Lower	Upper
41	100		
39	64.5	42.3	63.5#
67	90.6	54.8	82.2#
52	39.9	24.6	37.0#



#42
1,2-Dichloroethane
Concen: 46.137 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

Tgt Ion:	62	Resp:	90124
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.6

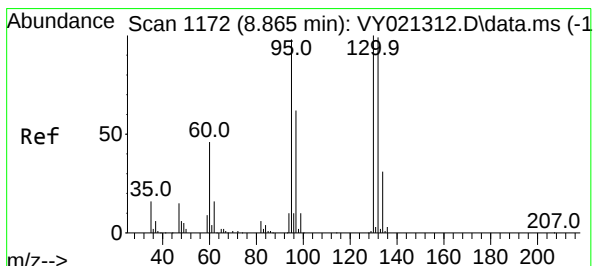
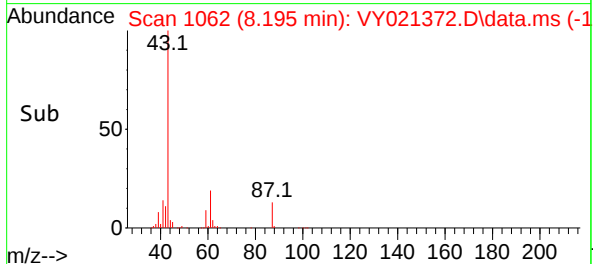
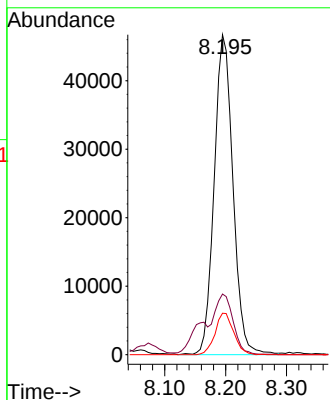
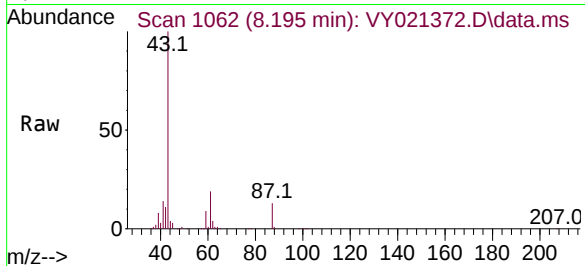




#43
Isopropyl Acetate
Concen: 44.596 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

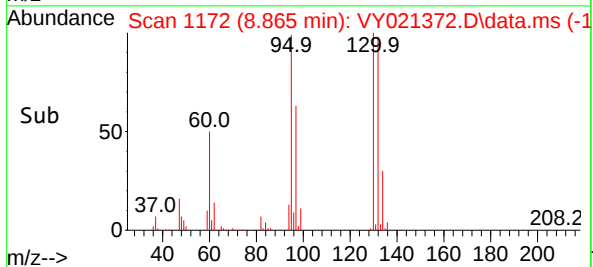
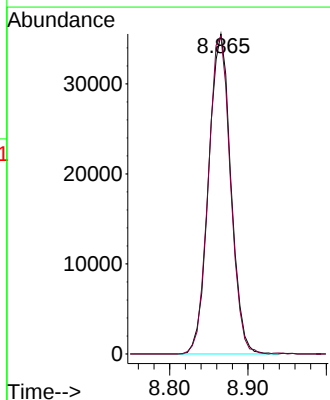
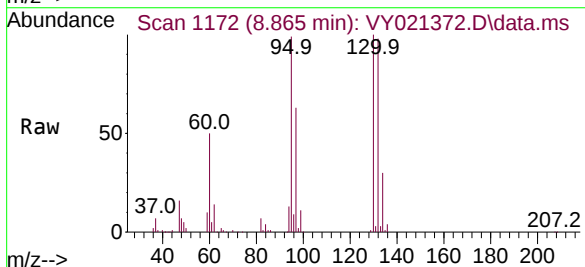
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MSD

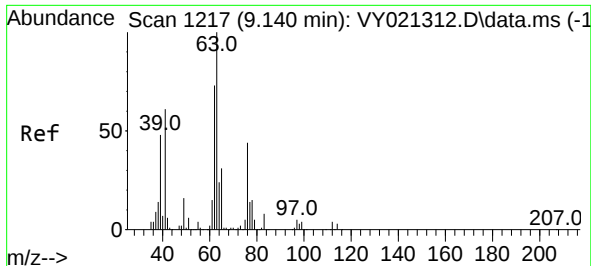
Tgt Ion: 43 Resp: 100005
Ion Ratio Lower Upper
43 100
61 19.0 15.0 22.6
87 12.9 10.0 15.0



#44
Trichloroethene
Concen: 40.631 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

Tgt Ion:130 Resp: 70038
Ion Ratio Lower Upper
130 100
95 99.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 41.575 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY021372.D

Acq: 27 Feb 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

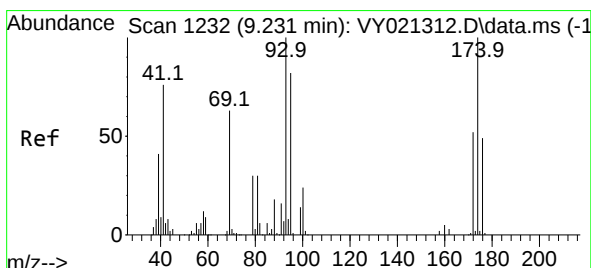
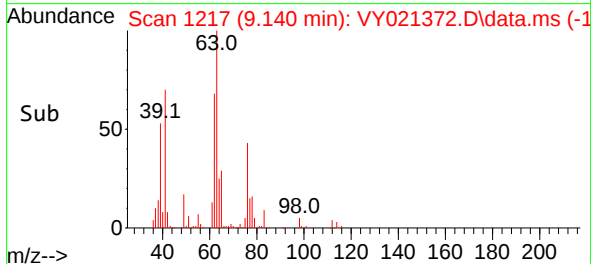
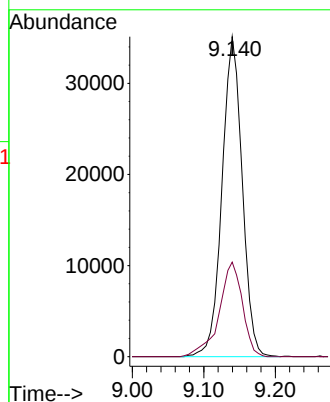
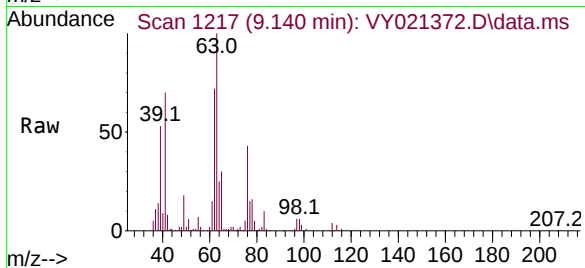
P001-CLAY-CF01-01MSD

Tgt Ion: 63 Resp: 68886

Ion Ratio Lower Upper

63 100

65 29.5 24.6 36.8



#46

Dibromomethane

Concen: 43.639 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY021372.D

Acq: 27 Feb 2025 20:38

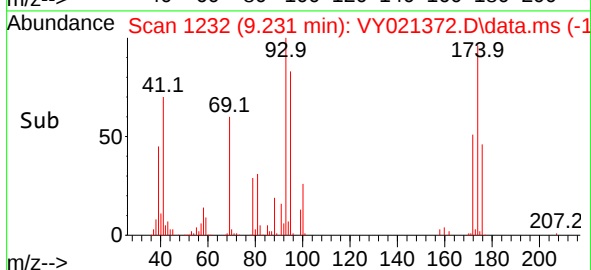
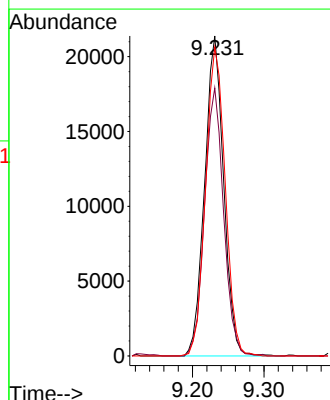
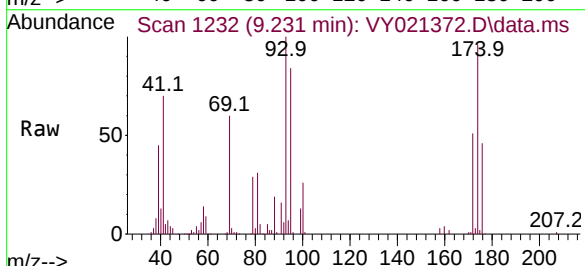
Tgt Ion: 93 Resp: 39524

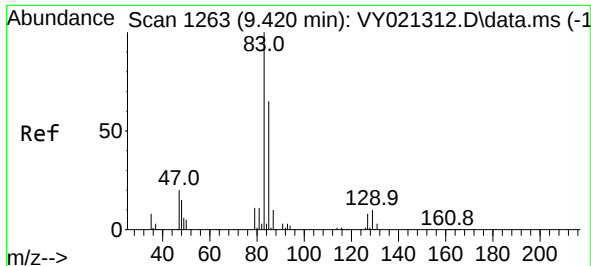
Ion Ratio Lower Upper

93 100

95 83.7 66.4 99.6

174 99.3 78.2 117.2

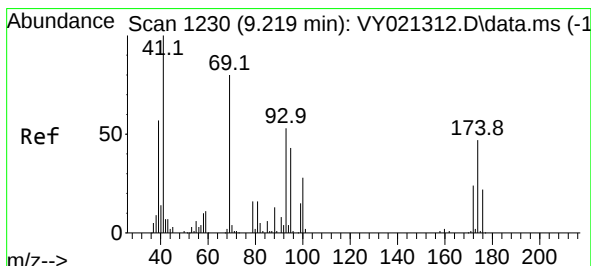
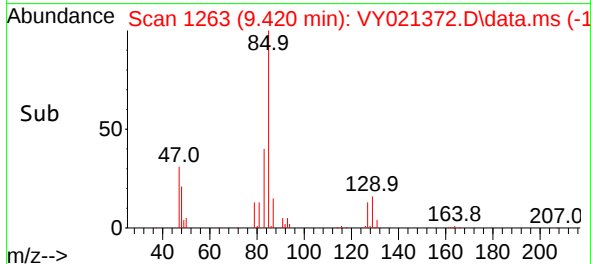
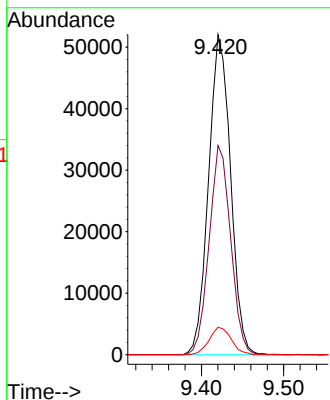
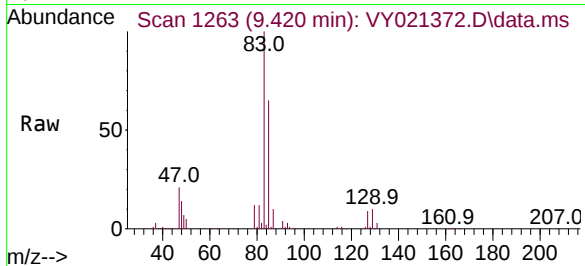




#47
Bromodichloromethane
Concen: 40.010 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

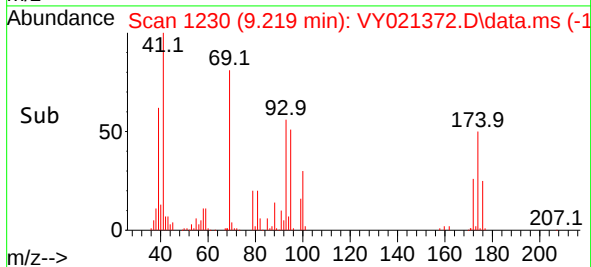
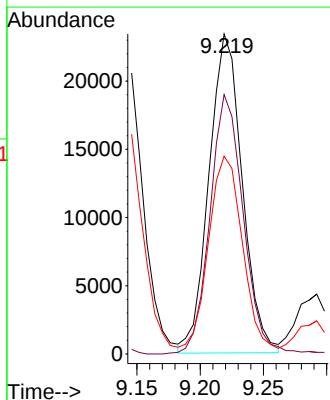
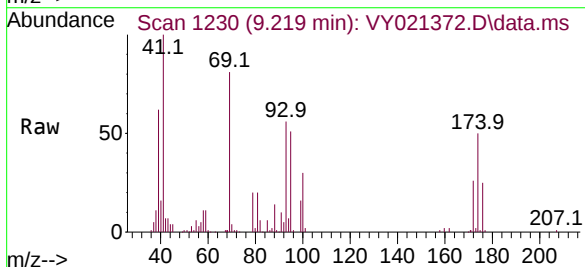
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MSD

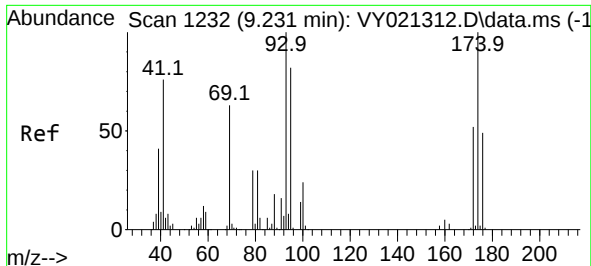
Tgt Ion:	83	Resp:	96620
Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.8	77.8
127	8.6	6.7	10.1



#48
Methyl methacrylate
Concen: 40.740 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

Tgt Ion:	41	Resp:	42722
Ion	Ratio	Lower	Upper
41	100		
69	81.7	63.3	94.9
39	60.8	45.0	67.6

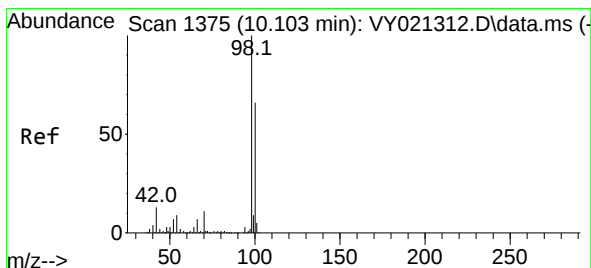
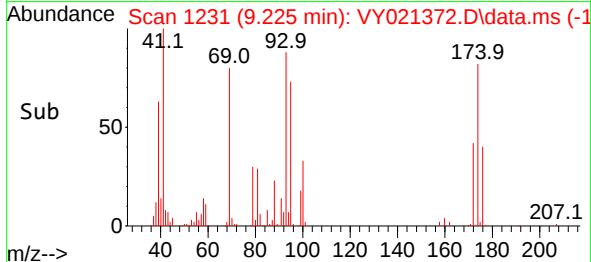
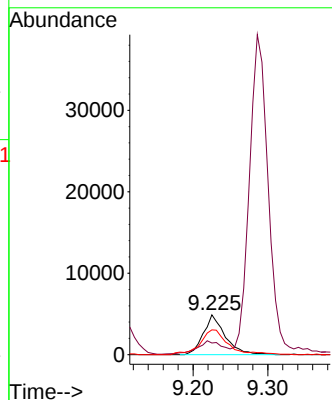
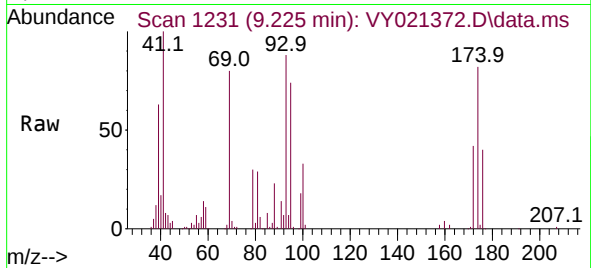




#49
1,4-Dioxane
Concen: 980.882 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

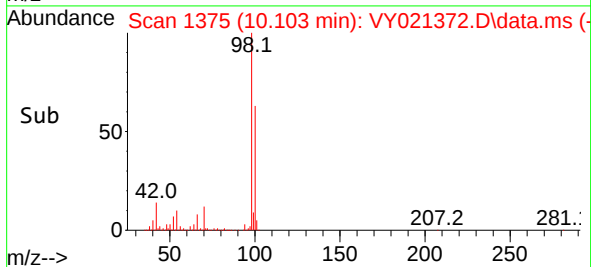
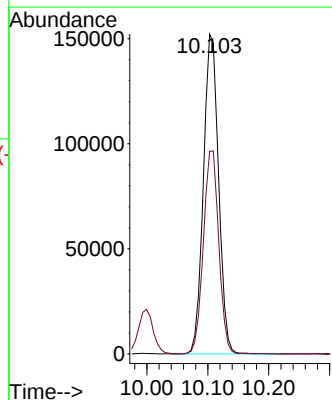
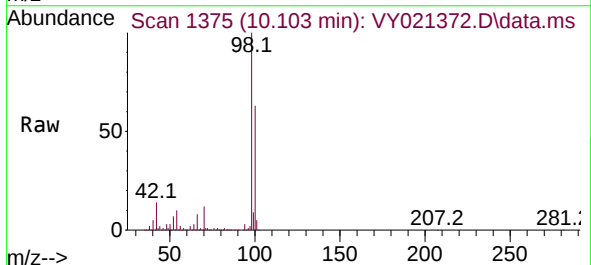
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MSD

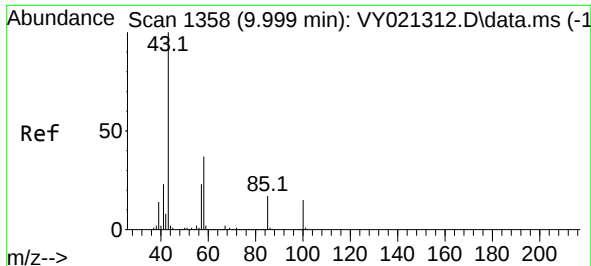
Tgt Ion: 88 Resp: 9878
Ion Ratio Lower Upper
88 100
43 38.3 34.8 52.2
58 74.6 59.8 89.6



#50
Toluene-d8
Concen: 43.961 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

Tgt Ion: 98 Resp: 263432
Ion Ratio Lower Upper
98 100
100 64.5 52.4 78.6

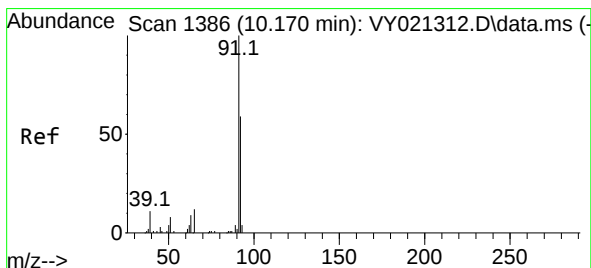
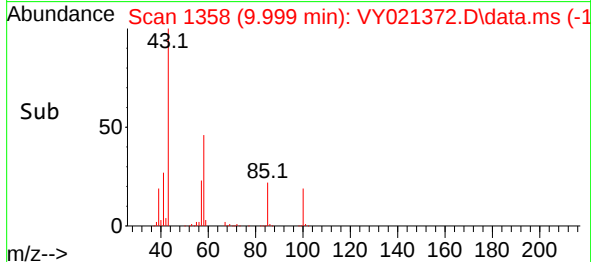
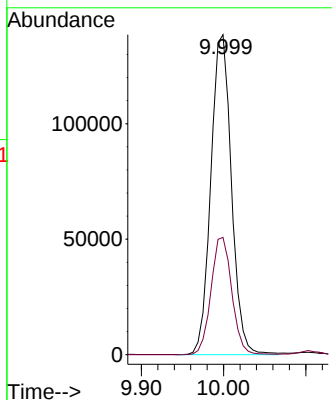
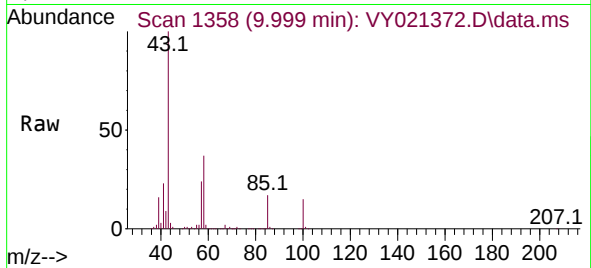




#51
4-Methyl-2-Pentanone
Concen: 210.433 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

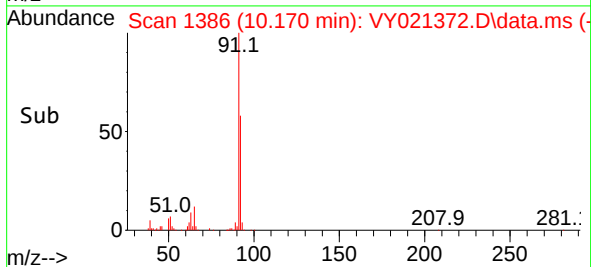
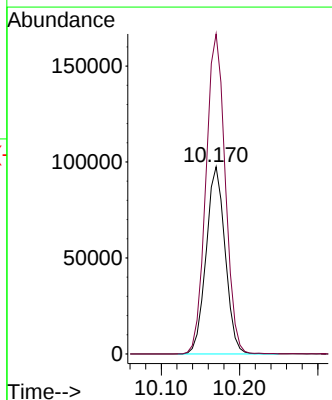
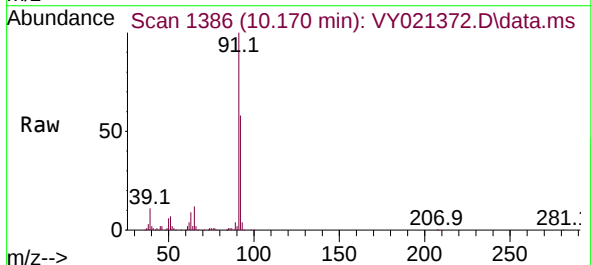
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MSD

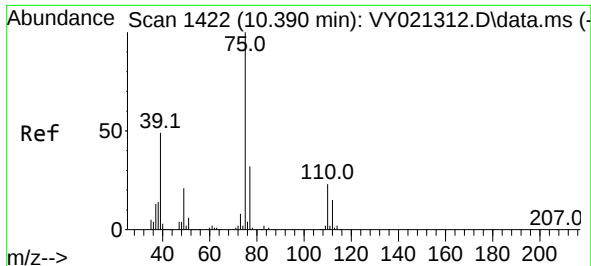
Tgt Ion: 43 Resp: 241559
Ion Ratio Lower Upper
43 100
58 36.9 30.1 45.1



#52
Toluene
Concen: 38.393 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

Tgt Ion: 92 Resp: 164214
Ion Ratio Lower Upper
92 100
91 173.7 137.8 206.8

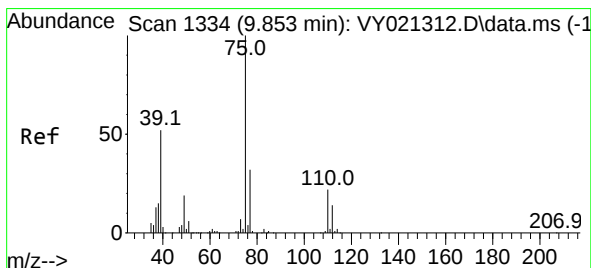
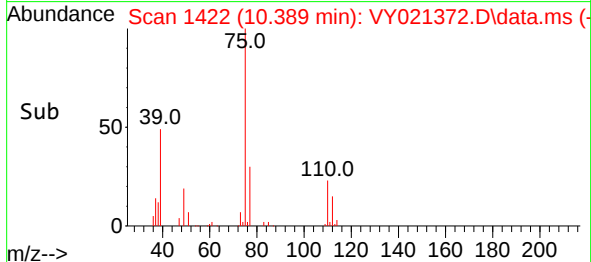
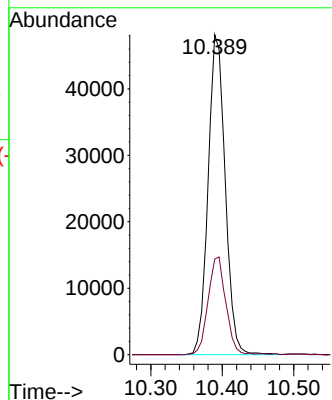
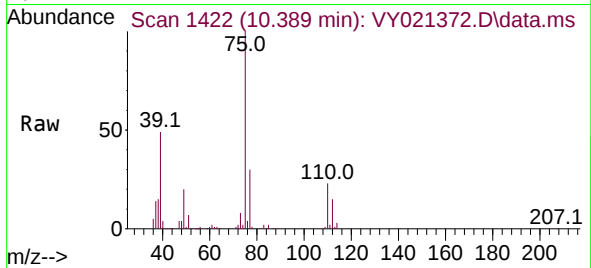




#53
t-1,3-Dichloropropene
Concen: 36.148 ug/l
RT: 10.389 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

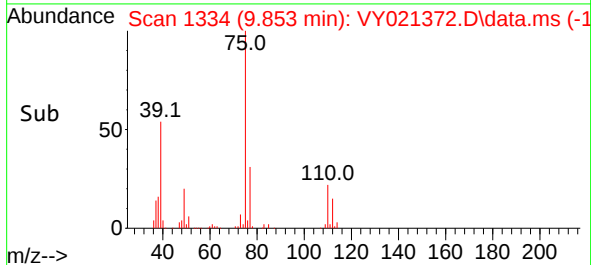
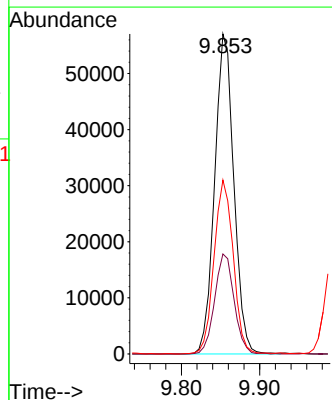
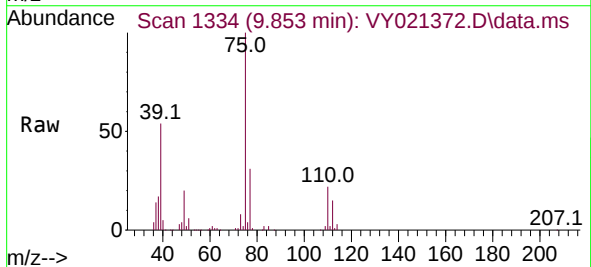
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MSD

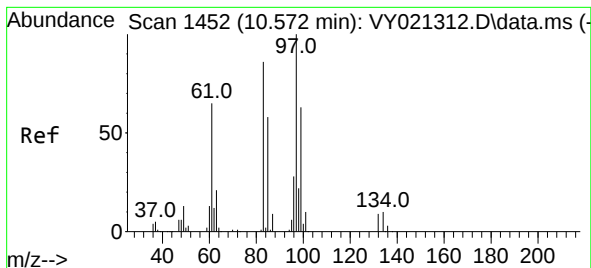
Tgt Ion: 75 Resp: 79978
Ion Ratio Lower Upper
75 100
77 29.9 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 37.199 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

Tgt Ion: 75 Resp: 97162
Ion Ratio Lower Upper
75 100
77 31.2 25.7 38.5
39 54.3 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 40.917 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY021372.D

Acq: 27 Feb 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

P001-CLAY-CF01-01MSD

Tgt Ion: 97 Resp: 48276

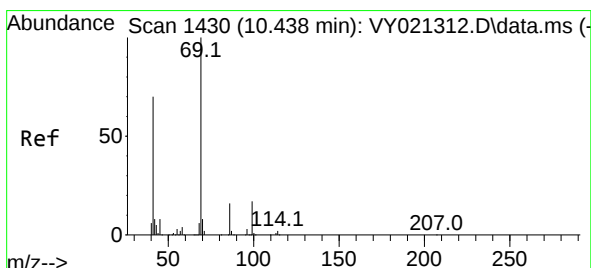
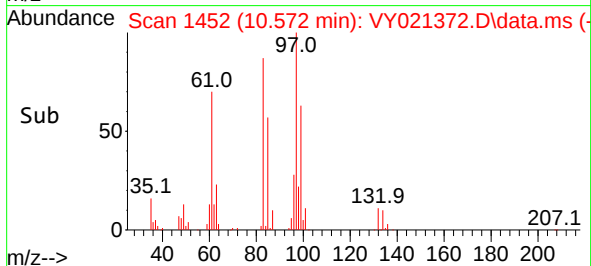
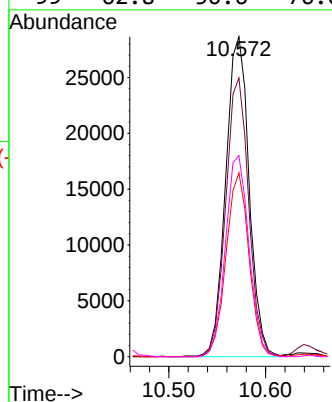
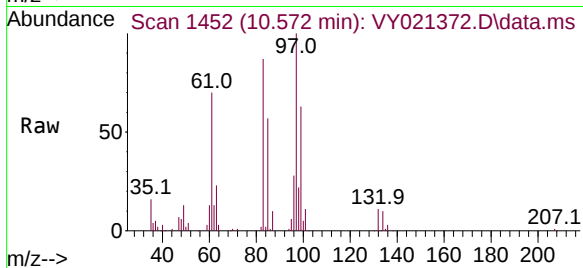
Ion Ratio Lower Upper

97 100

83 87.1 68.7 103.1

85 57.5 46.3 69.5

99 62.8 50.6 76.0



#56

Ethyl methacrylate

Concen: 38.147 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY021372.D

Acq: 27 Feb 2025 20:38

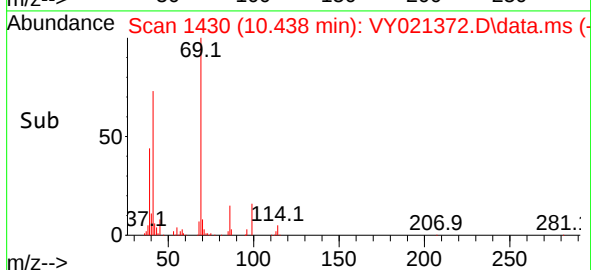
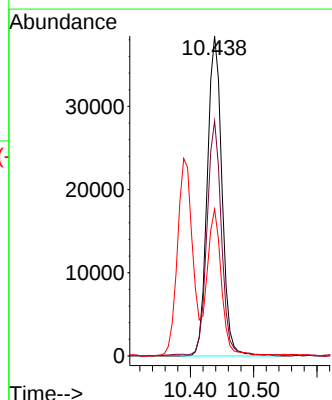
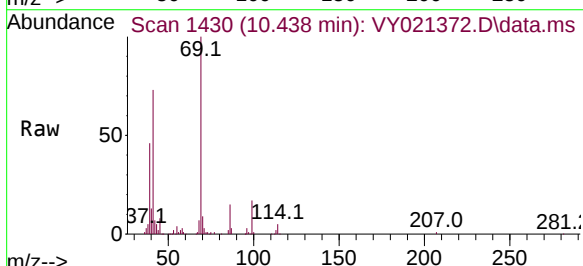
Tgt Ion: 69 Resp: 62191

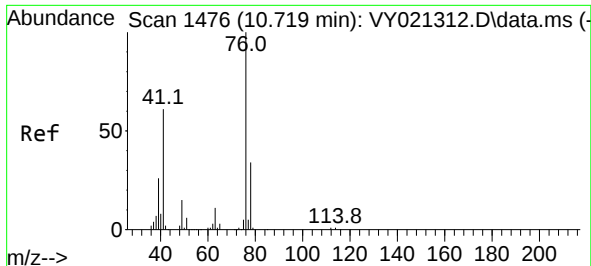
Ion Ratio Lower Upper

69 100

41 71.3 56.2 84.4

39 44.3 32.7 49.1





#57

1,3-Dichloropropane

Concen: 40.104 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021372.D

Acq: 27 Feb 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

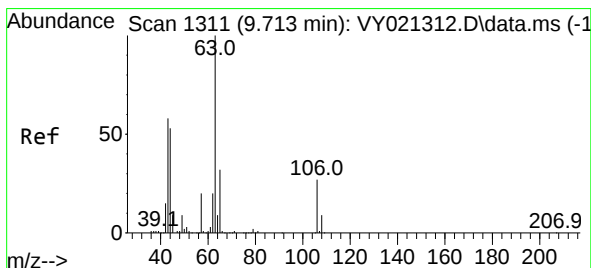
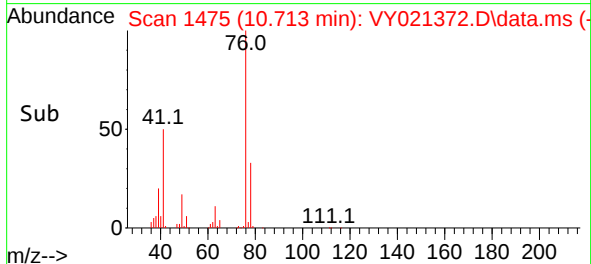
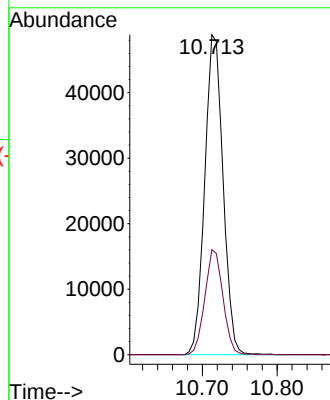
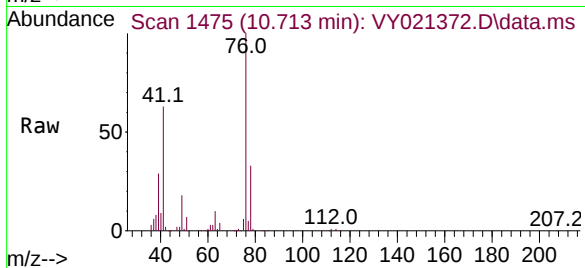
P001-CLAY-CF01-01MSD

Tgt Ion: 76 Resp: 83031

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 130.719 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021372.D

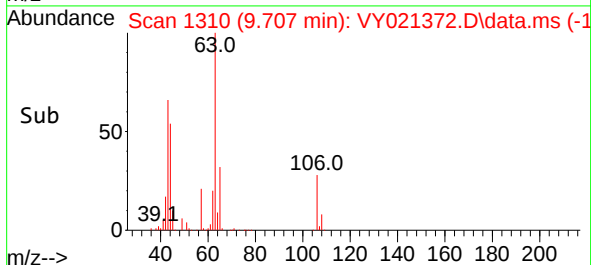
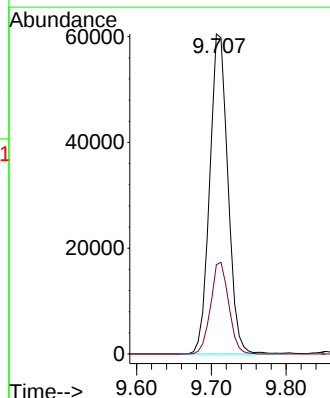
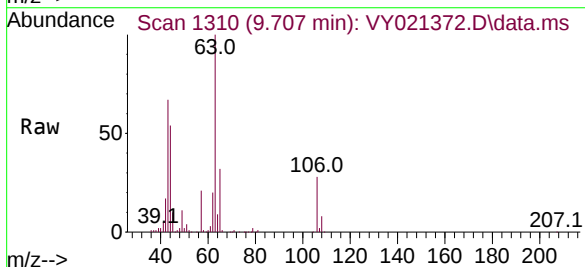
Acq: 27 Feb 2025 20:38

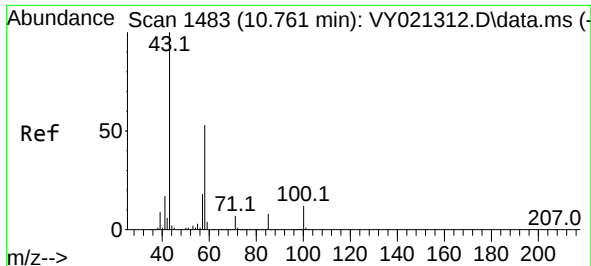
Tgt Ion: 63 Resp: 102289

Ion Ratio Lower Upper

63 100

106 28.3 21.7 32.5

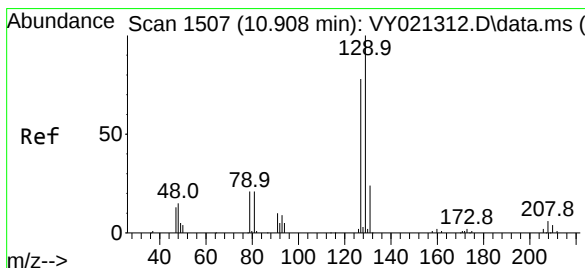
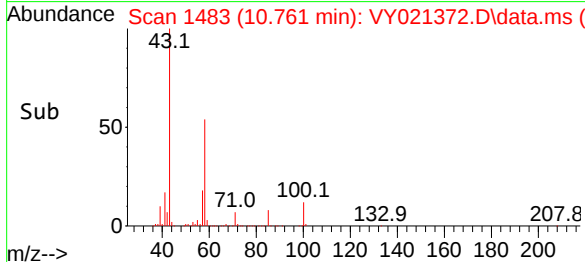
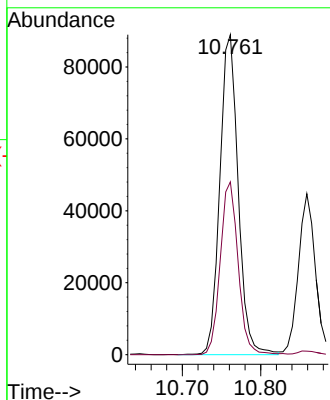
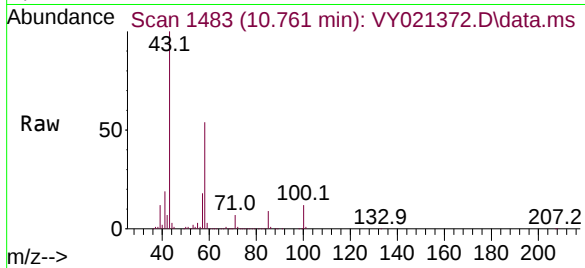




#59
2-Hexanone
Concen: 192.180 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

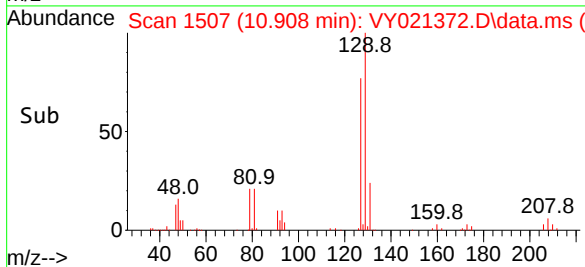
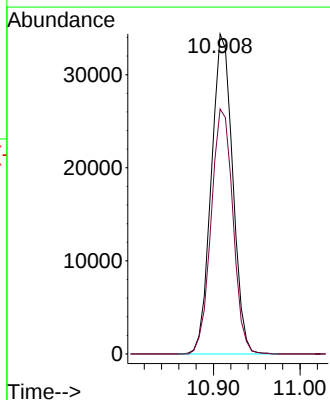
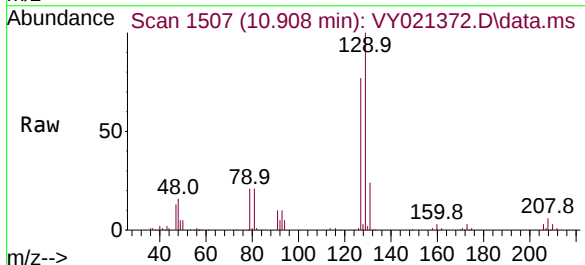
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MSD

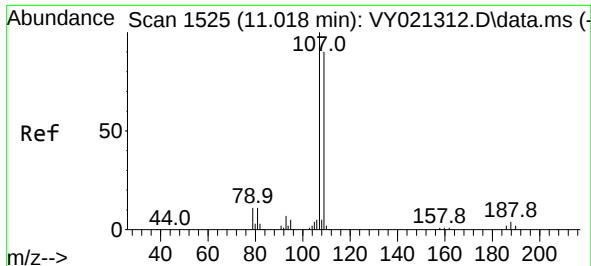
Tgt Ion: 43 Resp: 144883
Ion Ratio Lower Upper
43 100
58 52.8 25.9 77.6



#60
Dibromochloromethane
Concen: 36.684 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

Tgt Ion:129 Resp: 58948
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4

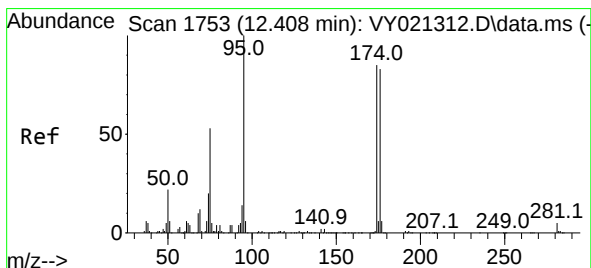
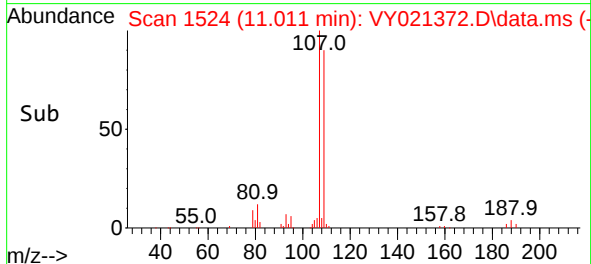
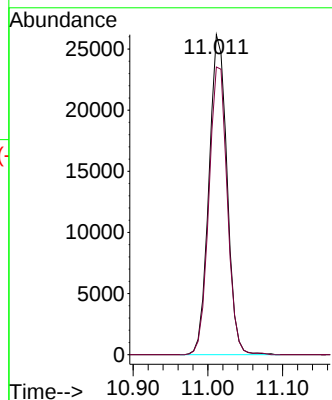
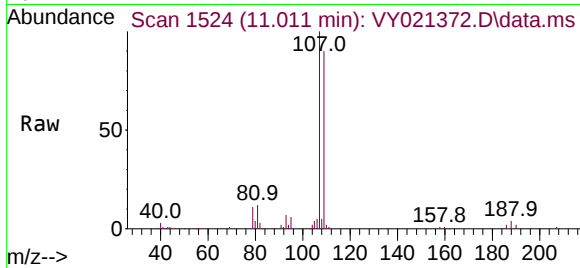




#61
1,2-Dibromoethane
Concen: 39.222 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

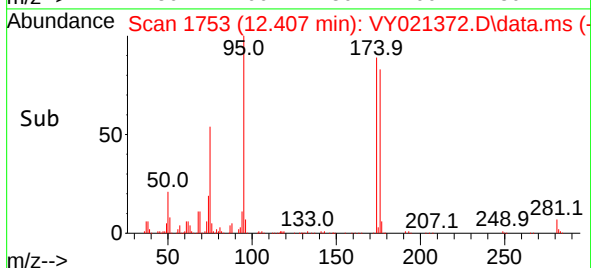
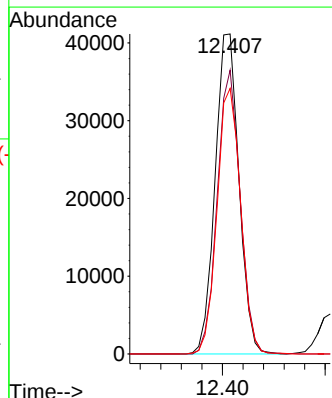
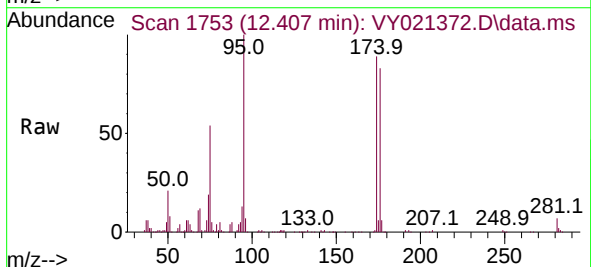
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MSD

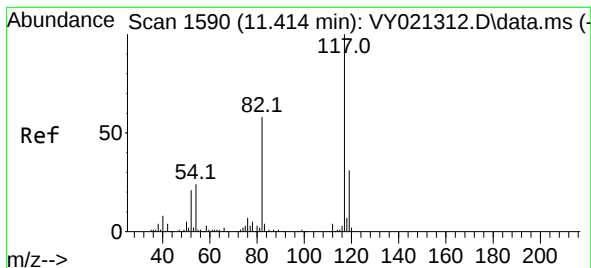
Tgt Ion:107 Resp: 43812
Ion Ratio Lower Upper
107 100
109 91.6 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 32.818 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

Tgt Ion: 95 Resp: 66185
Ion Ratio Lower Upper
95 100
174 85.1 0.0 168.0
176 82.2 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: VY021372.D

Acq: 27 Feb 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

P001-CLAY-CF01-01MSD

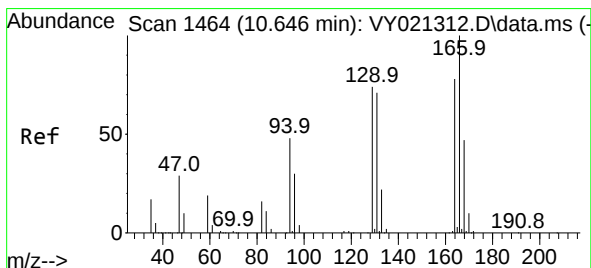
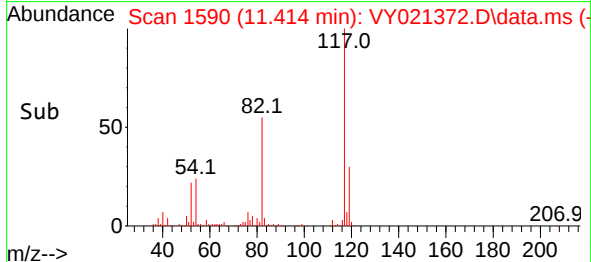
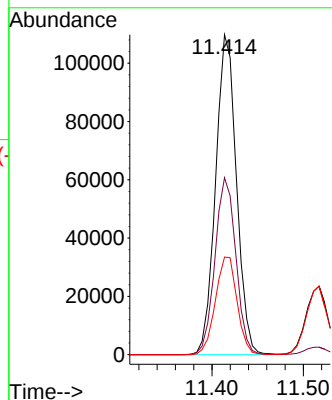
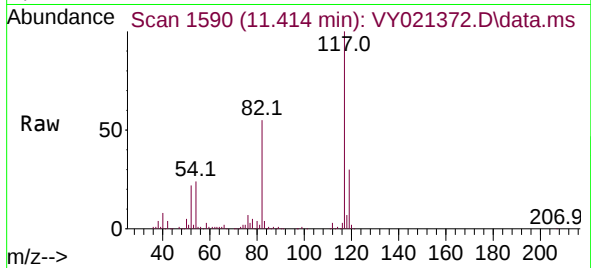
Tgt Ion:117 Resp: 174171

Ion Ratio Lower Upper

117 100

82 55.3 46.2 69.4

119 30.5 24.9 37.3



#64

Tetrachloroethene

Concen: 45.321 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY021372.D

Acq: 27 Feb 2025 20:38

Tgt Ion:164 Resp: 59664

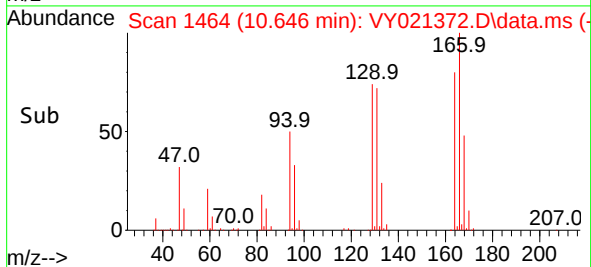
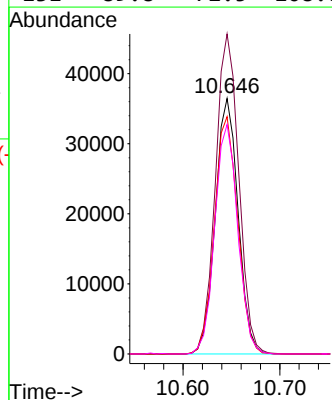
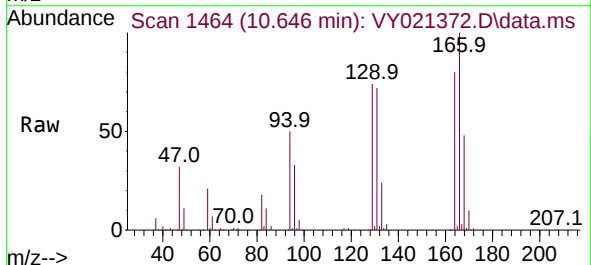
Ion Ratio Lower Upper

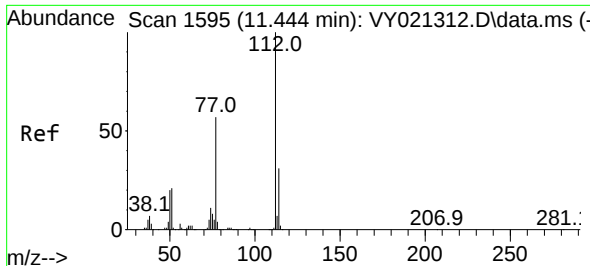
164 100

166 125.2 101.9 152.9

129 92.9 75.5 113.3

131 89.8 72.5 108.7

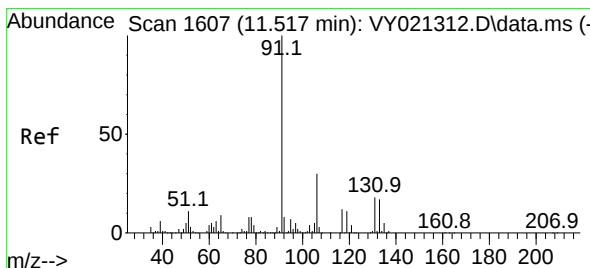
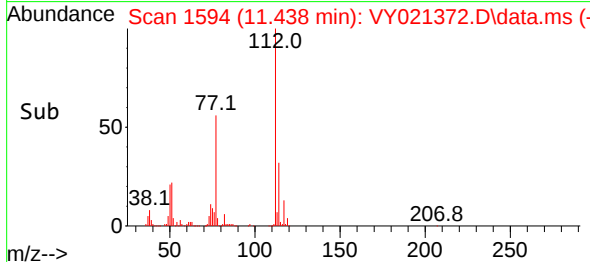
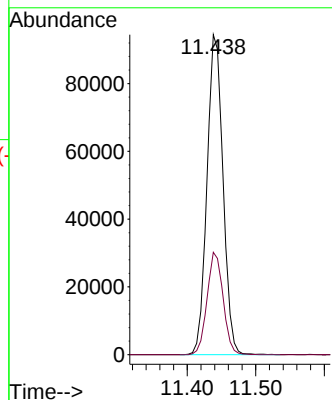
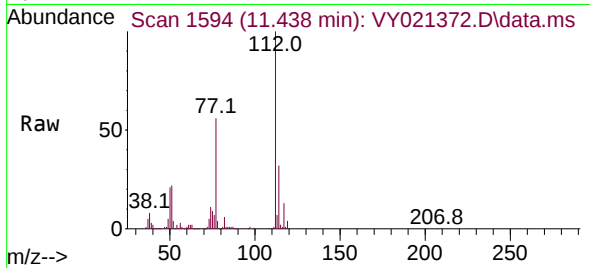




#65
Chlorobenzene
Concen: 39.181 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

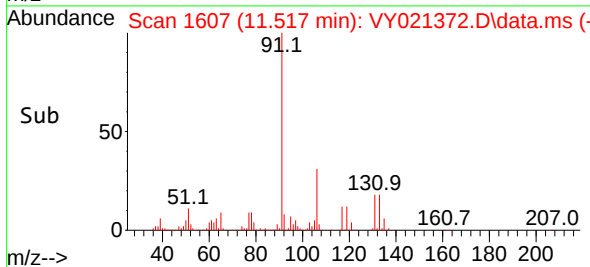
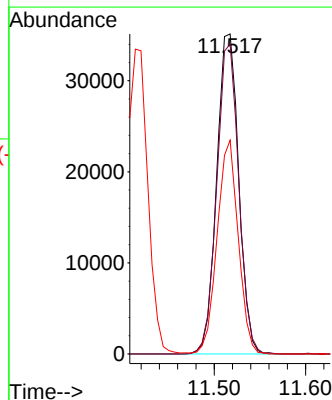
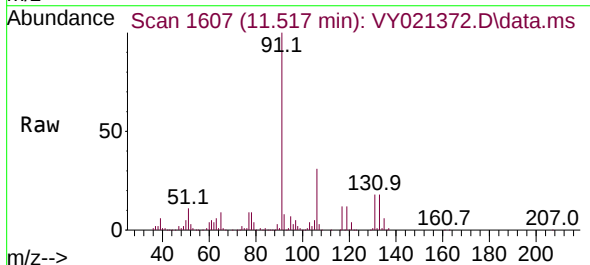
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MSD

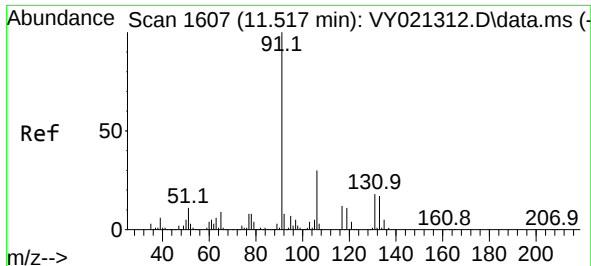
Tgt Ion:112 Resp: 153186
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 42.996 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

Tgt Ion:131 Resp: 58861
Ion Ratio Lower Upper
131 100
133 96.7 47.9 143.6
119 63.9 31.7 95.1





#67

Ethyl Benzene

Concen: 41.989 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY021372.D

Acq: 27 Feb 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

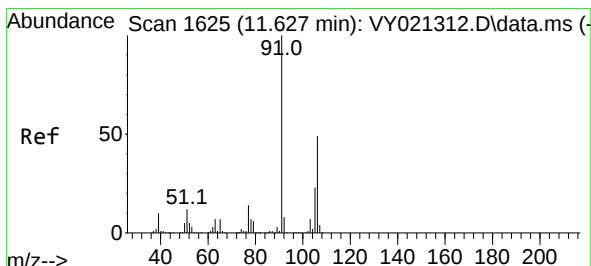
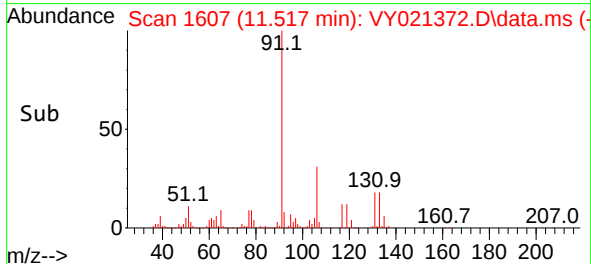
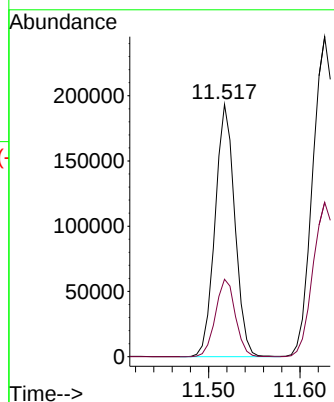
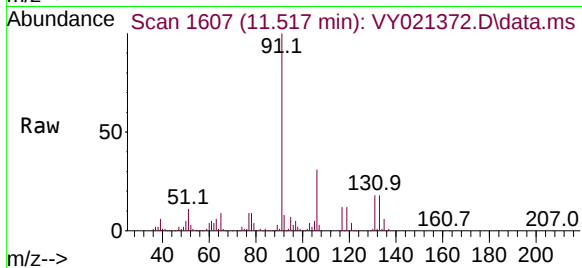
P001-CLAY-CF01-01MSD

Tgt Ion: 91 Resp: 290783

Ion Ratio Lower Upper

91 100

106 30.7 24.4 36.6



#68

m/p-Xylenes

Concen: 81.545 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY021372.D

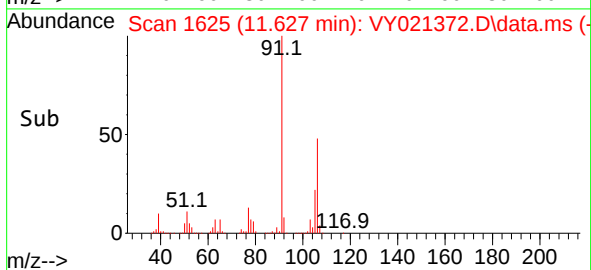
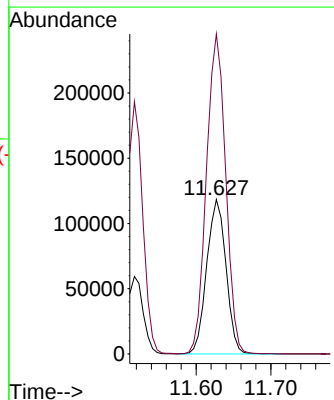
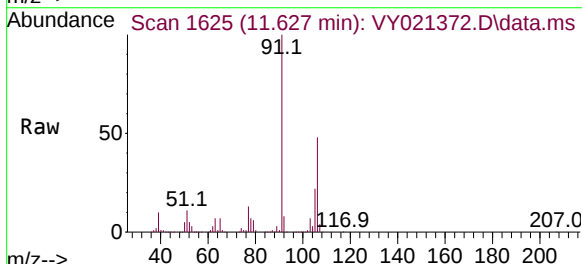
Acq: 27 Feb 2025 20:38

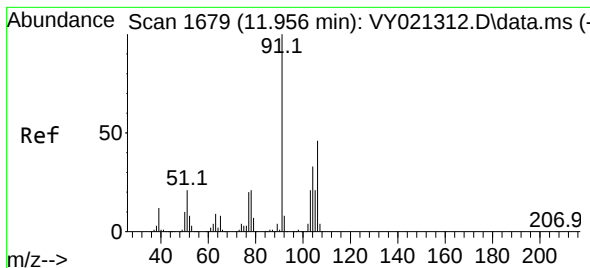
Tgt Ion:106 Resp: 212408

Ion Ratio Lower Upper

106 100

91 206.9 163.9 245.9





#69

o-Xylene

Concen: 40.540 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VY021372.D

Acq: 27 Feb 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

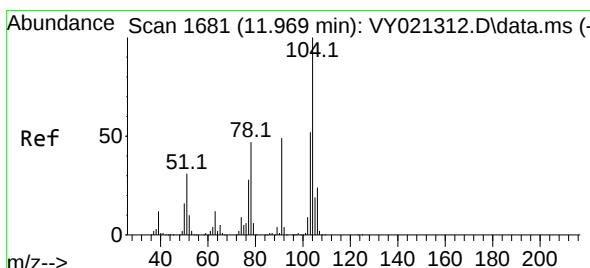
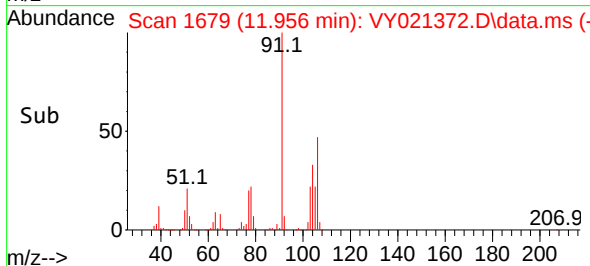
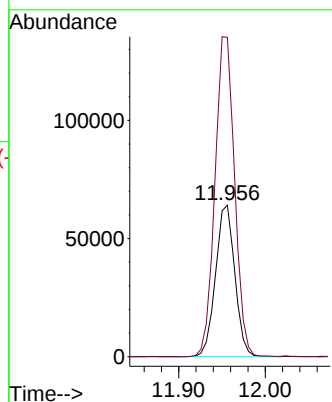
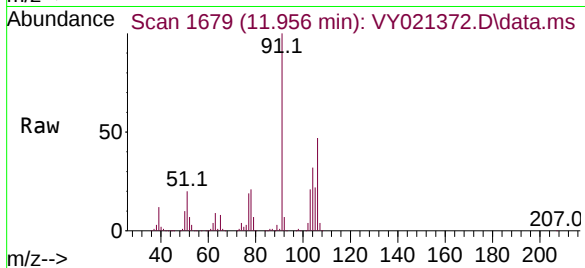
P001-CLAY-CF01-01MSD

Tgt Ion:106 Resp: 98926

Ion Ratio Lower Upper

106 100

91 215.9 108.1 324.2



#70

Styrene

Concen: 33.245 ug/l

RT: 11.968 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY021372.D

Acq: 27 Feb 2025 20:38

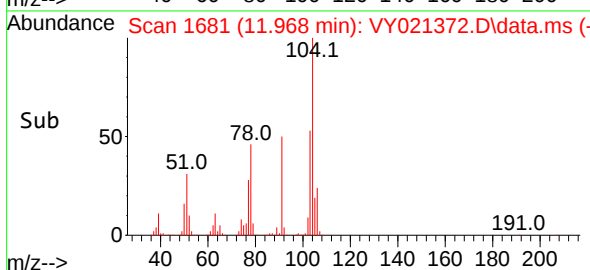
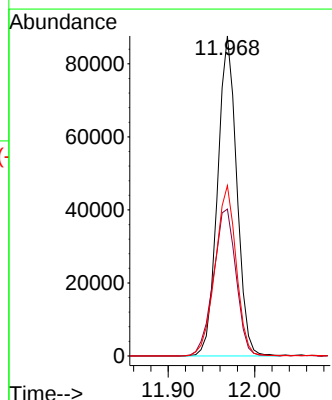
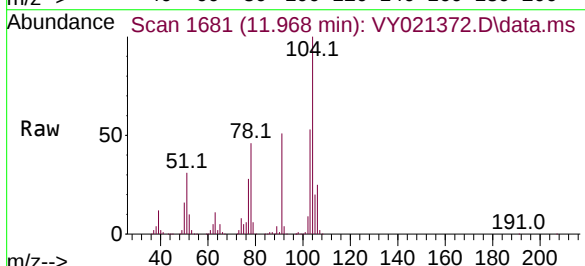
Tgt Ion:104 Resp: 134977

Ion Ratio Lower Upper

104 100

78 54.1 41.3 61.9

103 58.3 43.9 65.9





#71

Bromoform

Concen: 41.330 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021372.D

Acq: 27 Feb 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

P001-CLAY-CF01-01MSD

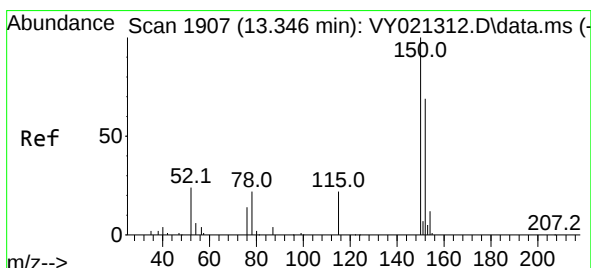
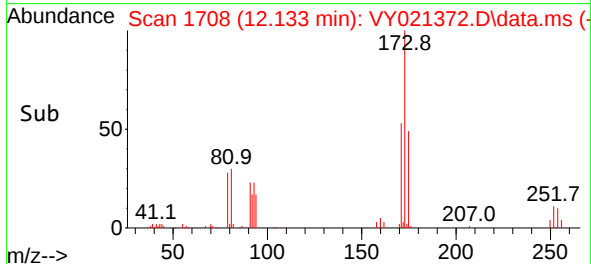
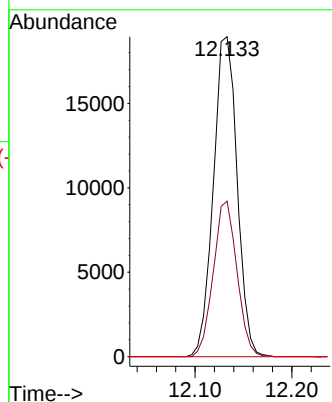
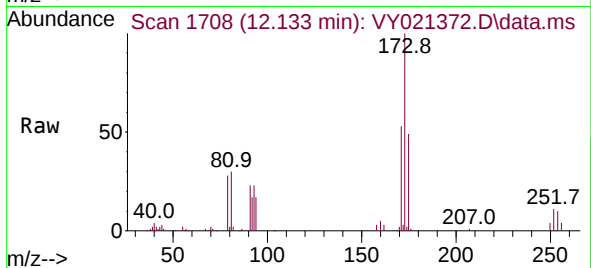
Tgt Ion:173 Resp: 32368

Ion Ratio Lower Upper

173 100

175 48.4 24.1 72.3

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY021372.D

Acq: 27 Feb 2025 20:38

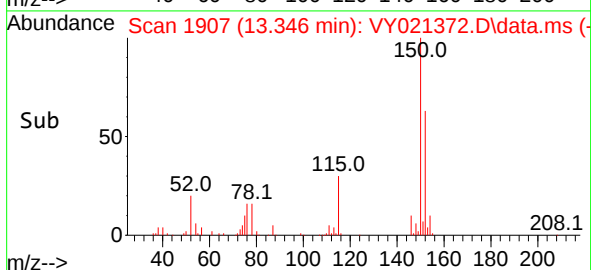
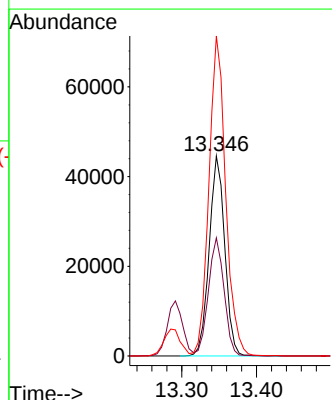
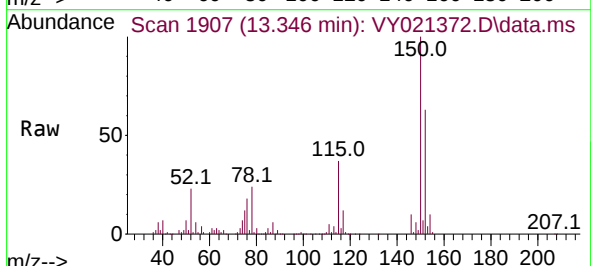
Tgt Ion:152 Resp: 64665

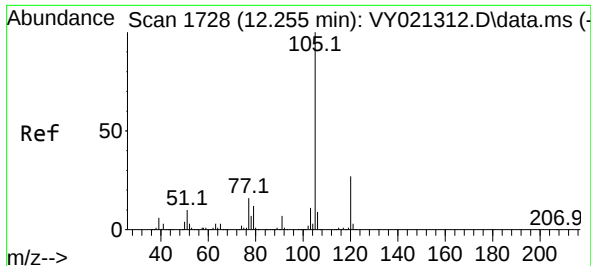
Ion Ratio Lower Upper

152 100

115 59.4 29.3 88.0

150 171.8 0.0 347.4

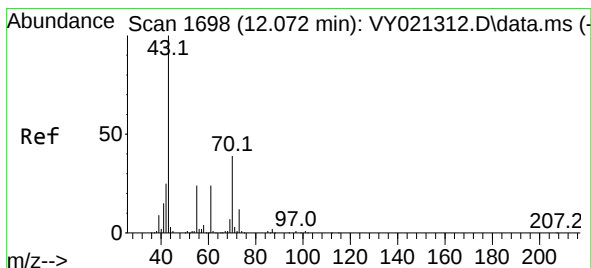
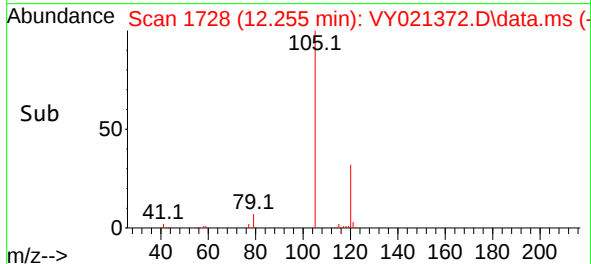
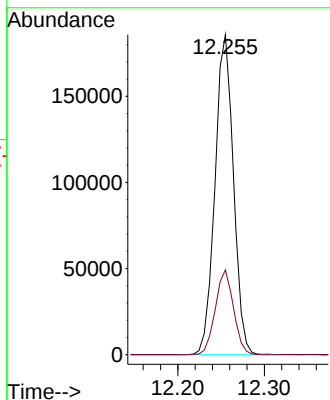
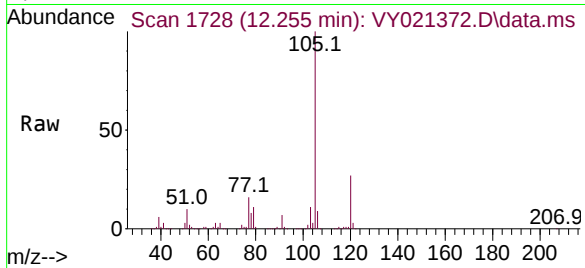




#73
Isopropylbenzene
Concen: 56.559 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

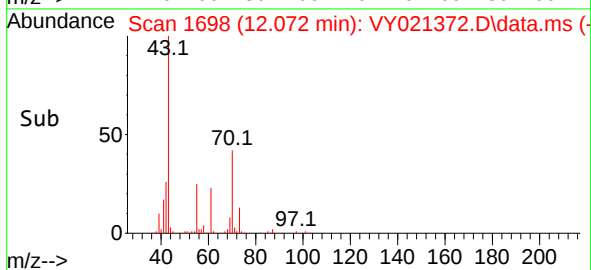
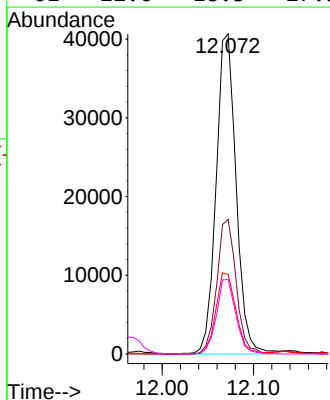
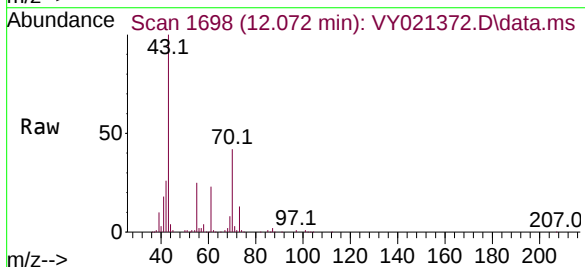
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MSD

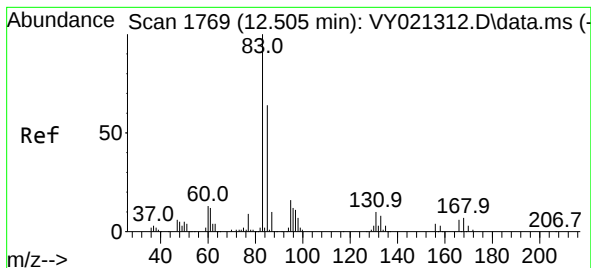
Tgt Ion:105 Resp: 274960
Ion Ratio Lower Upper
105 100
120 26.0 13.3 39.8



#74
N-ethyl acetate
Concen: 50.192 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

Tgt Ion: 43 Resp: 62022
Ion Ratio Lower Upper
43 100
70 40.7 32.2 48.2
55 25.4 19.6 29.4
61 22.6 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 55.291 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY021372.D

Acq: 27 Feb 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

P001-CLAY-CF01-01MSD

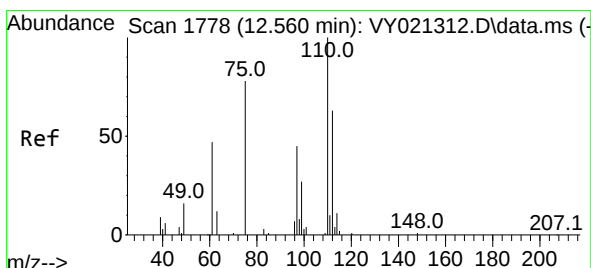
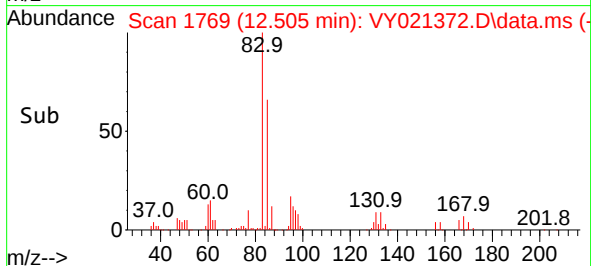
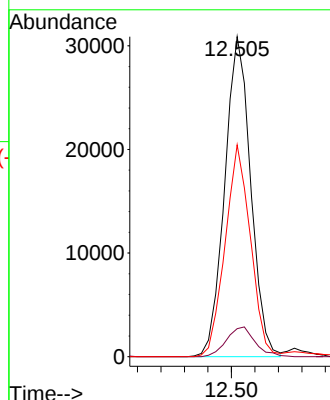
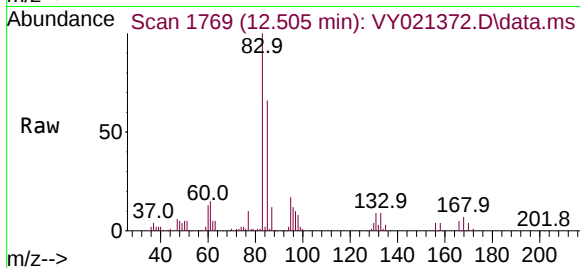
Tgt Ion: 83 Resp: 47439

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

85 64.5 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 92.205 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY021372.D

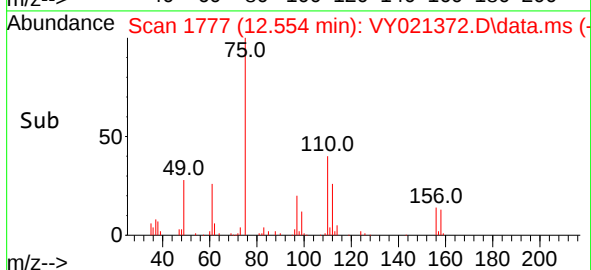
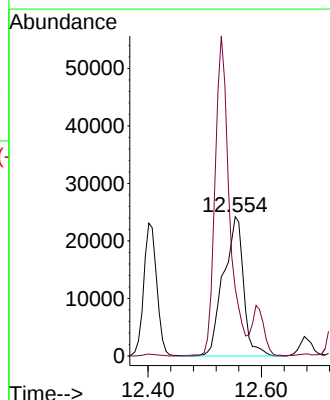
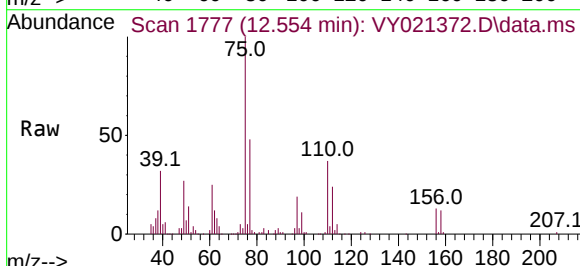
Acq: 27 Feb 2025 20:38

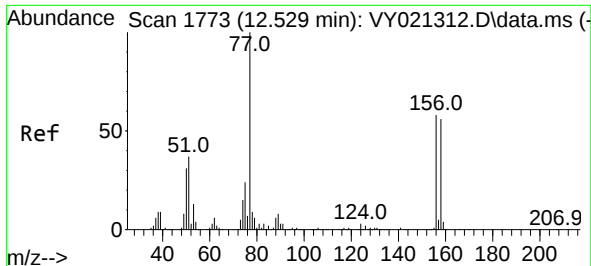
Tgt Ion: 75 Resp: 59681

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

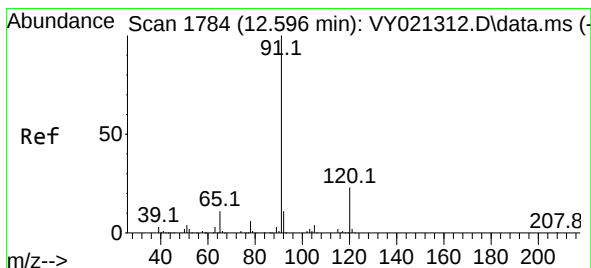
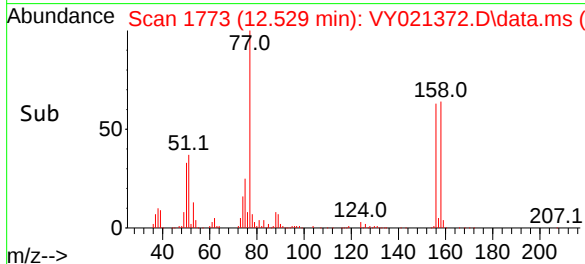
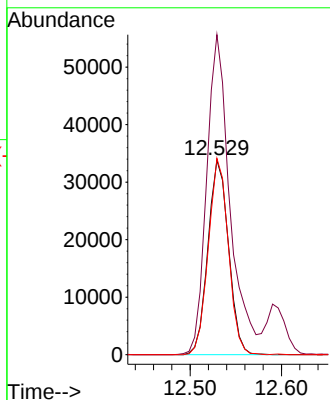
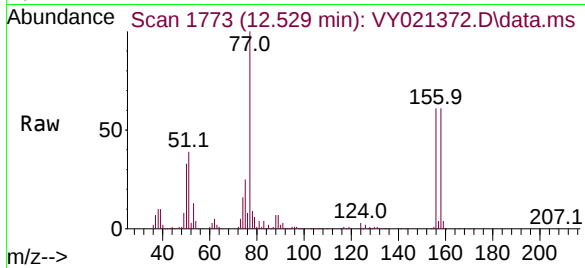




#77
Bromobenzene
Concen: 46.884 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

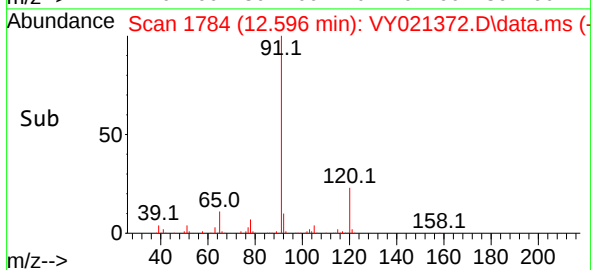
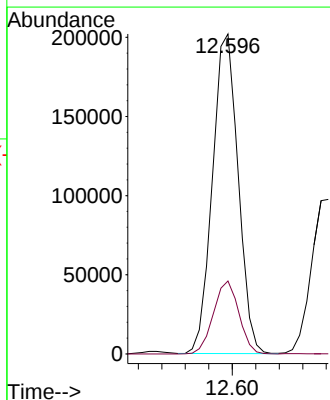
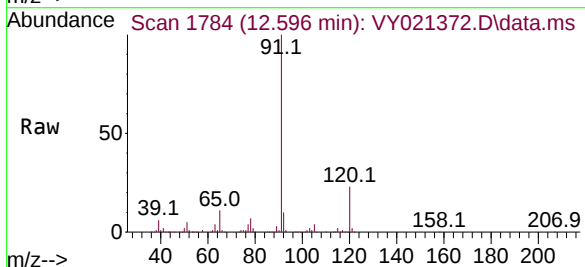
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MSD

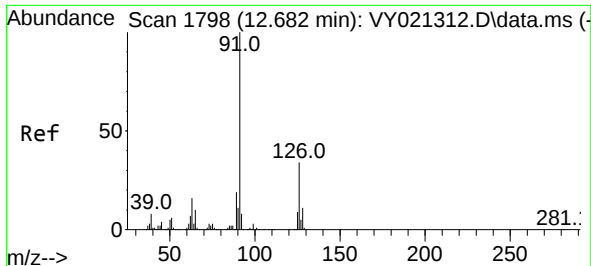
Tgt Ion:156 Resp: 53014
Ion Ratio Lower Upper
156 100
77 184.7 94.0 282.1
158 97.8 48.7 146.1



#78
n-propylbenzene
Concen: 51.961 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

Tgt Ion: 91 Resp: 306532
Ion Ratio Lower Upper
91 100
120 22.6 11.2 33.5





#79

2-Chlorotoluene

Concen: 46.672 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. -0.000 min

Lab File: VY021372.D

Acq: 27 Feb 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

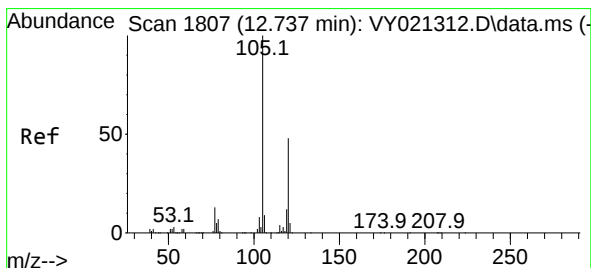
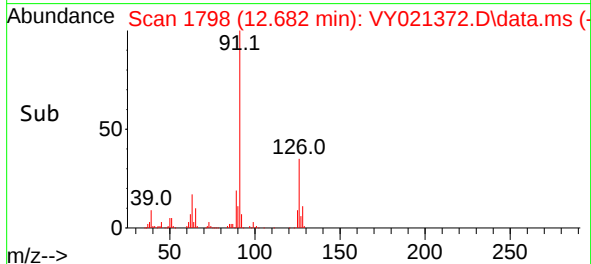
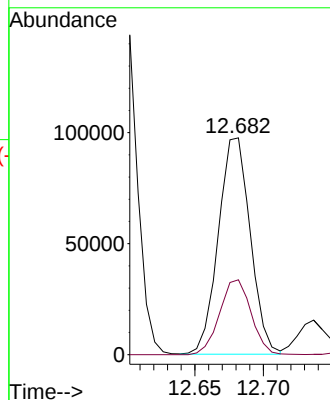
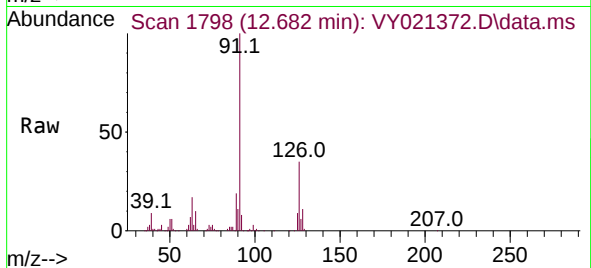
P001-CLAY-CF01-01MSD

Tgt Ion: 91 Resp: 158014

Ion Ratio Lower Upper

91 100

126 34.2 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 49.328 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY021372.D

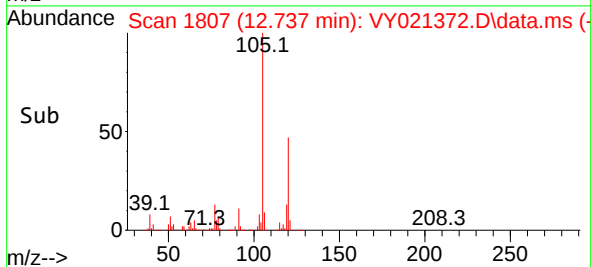
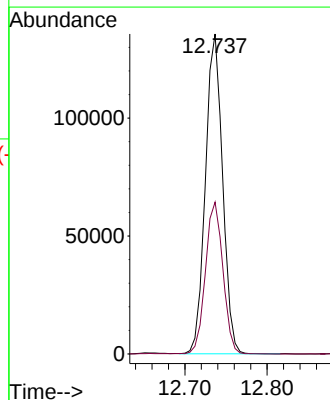
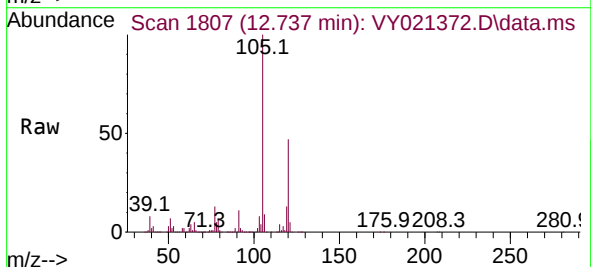
Acq: 27 Feb 2025 20:38

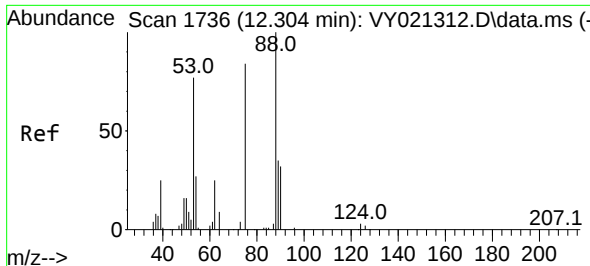
Tgt Ion: 105 Resp: 196679

Ion Ratio Lower Upper

105 100

120 48.4 24.3 73.0

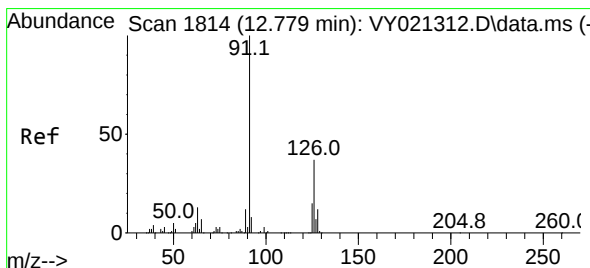
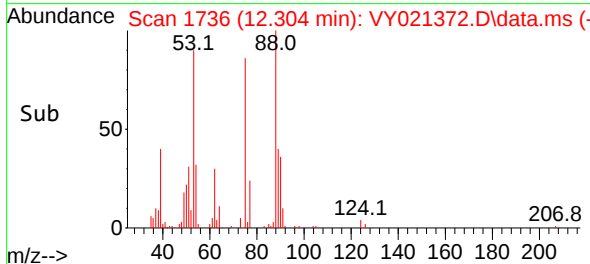
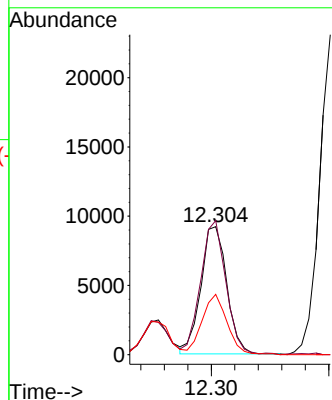
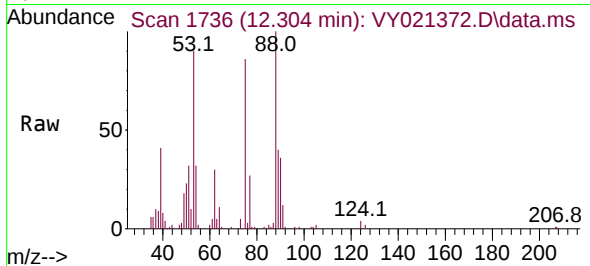




#81
trans-1,4-Dichloro-2-butene
Concen: 48.233 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

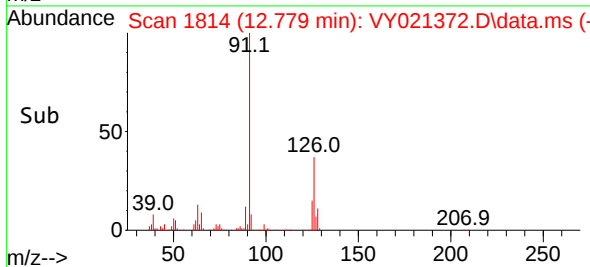
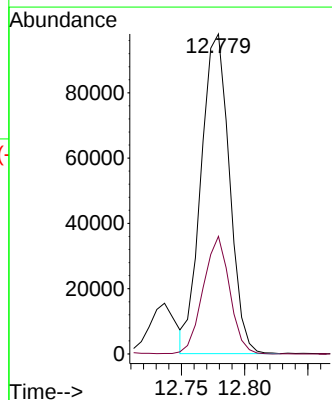
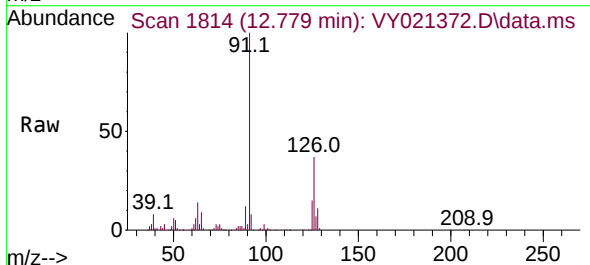
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MSD

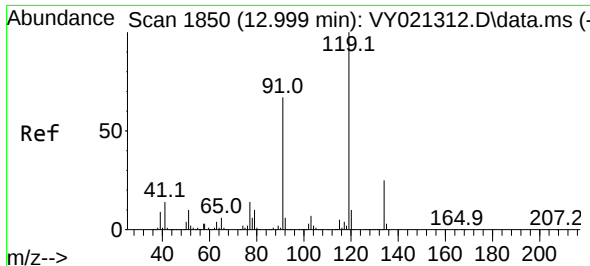
Tgt Ion: 75 Resp: 14046
Ion Ratio Lower Upper
75 100
53 103.8 79.1 118.7
89 45.8 35.6 53.4



#82
4-Chlorotoluene
Concen: 43.456 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

Tgt Ion: 91 Resp: 152511
Ion Ratio Lower Upper
91 100
126 34.5 16.8 50.4

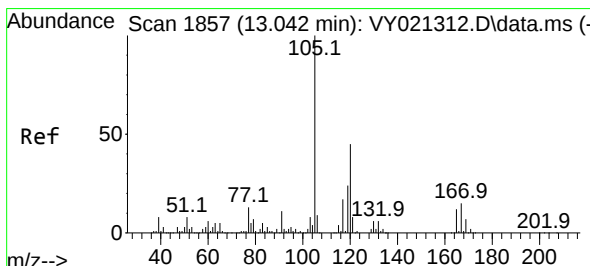
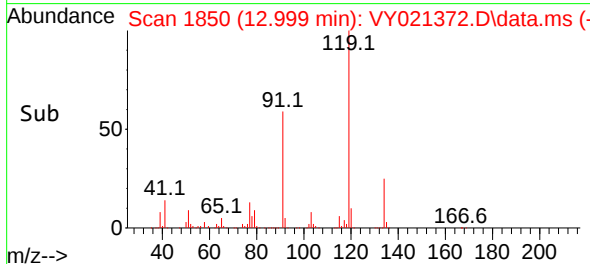
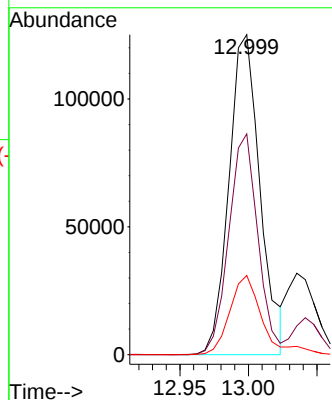
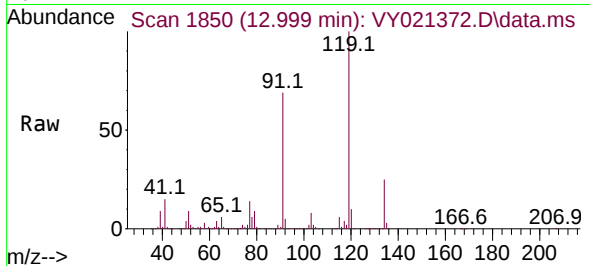




#83
tert-Butylbenzene
Concen: 54.967 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

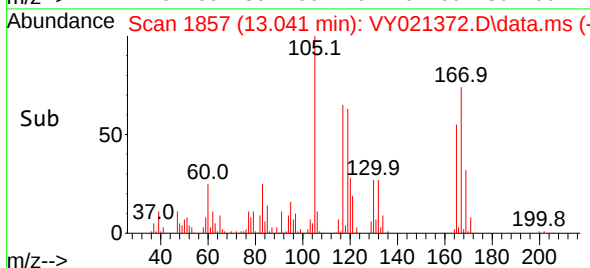
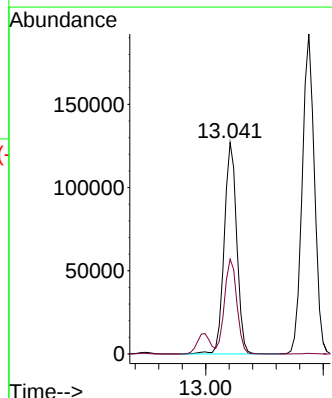
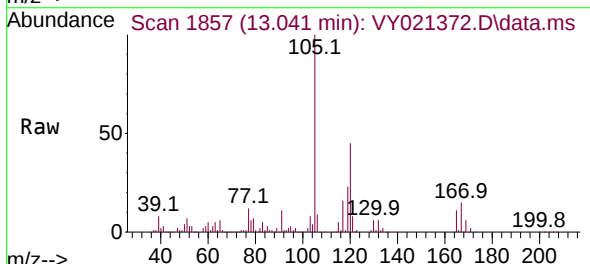
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MSD

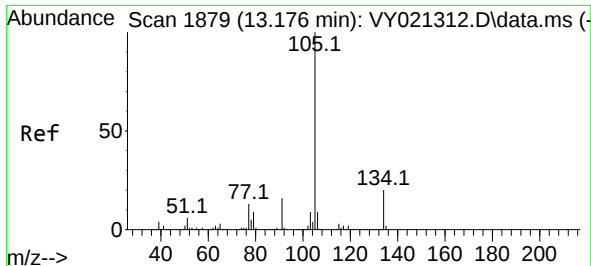
Tgt Ion:119 Resp: 197972
Ion Ratio Lower Upper
119 100
91 64.6 32.7 98.1
134 25.8 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 47.388 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

Tgt Ion:105 Resp: 187917
Ion Ratio Lower Upper
105 100
120 44.3 22.4 67.3

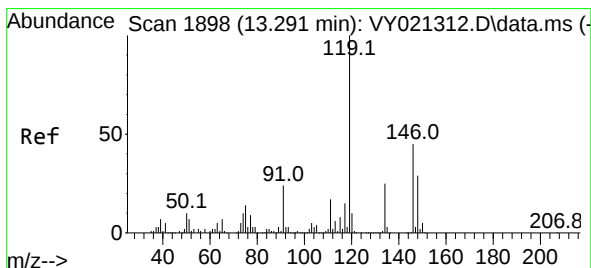
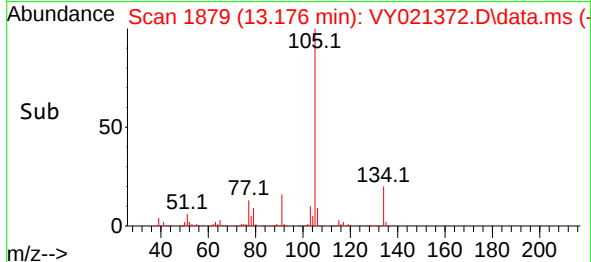
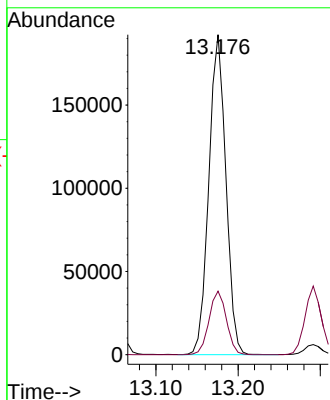
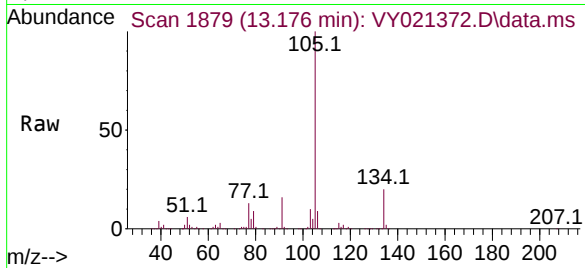




#85
 sec-Butylbenzene
 Concen: 52.528 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY021372.D
 Acq: 27 Feb 2025 20:38

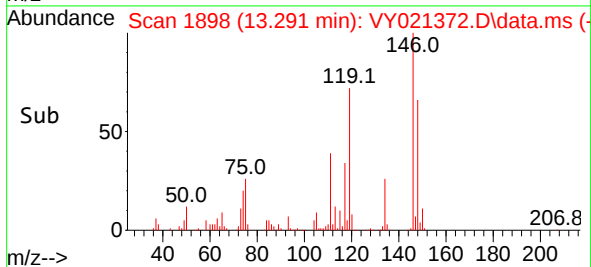
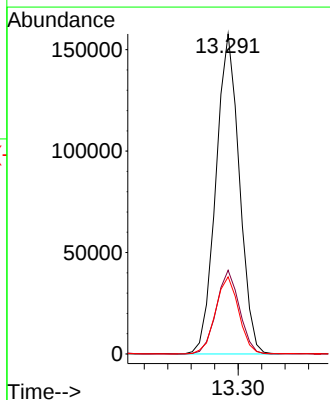
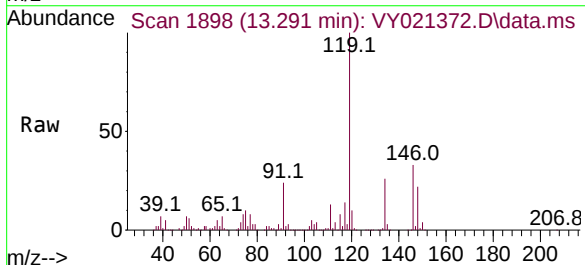
Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-CLAY-CF01-01MSD

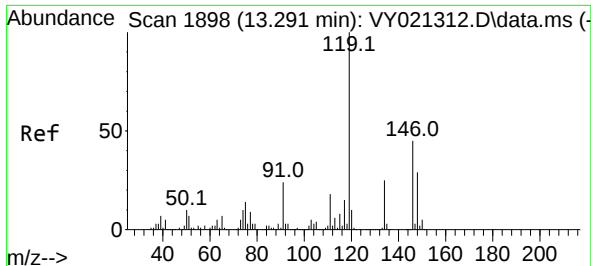
Tgt Ion:105 Resp: 276345
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 49.871 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY021372.D
 Acq: 27 Feb 2025 20:38

Tgt Ion:119 Resp: 219080
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 38.9
 91 24.0 12.0 36.1

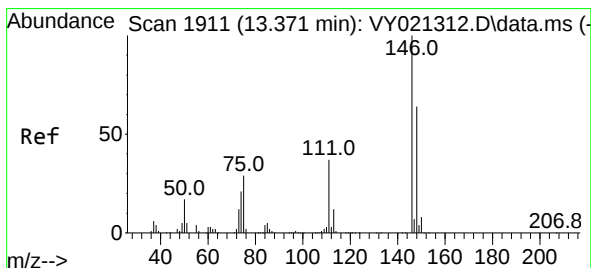
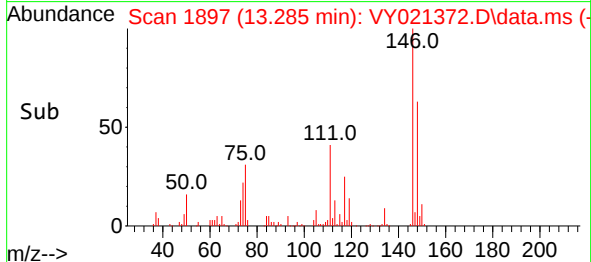
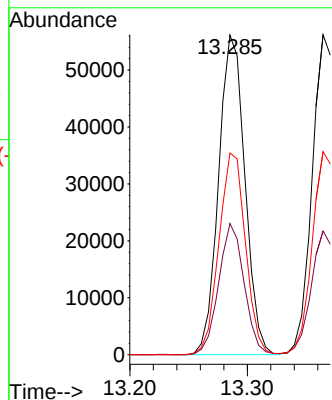
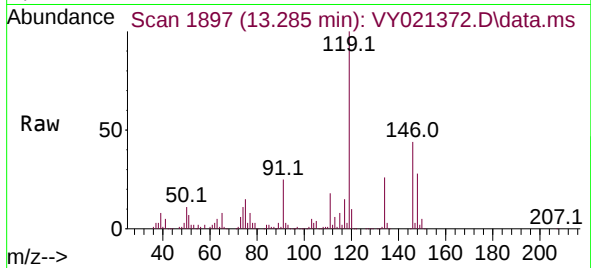




#87
1,3-Dichlorobenzene
Concen: 39.084 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.006 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

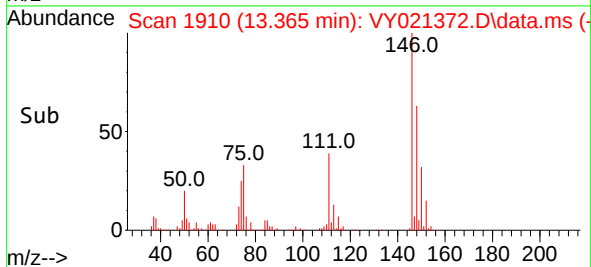
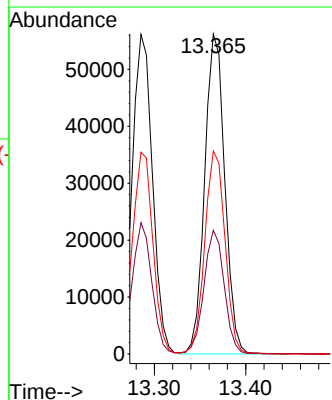
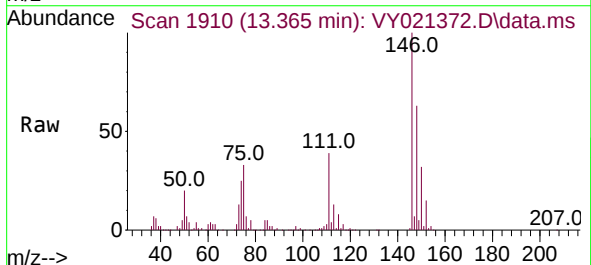
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MSD

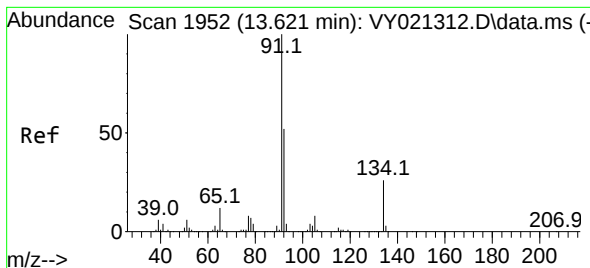
Tgt Ion:146 Resp: 87423
Ion Ratio Lower Upper
146 100
111 39.7 20.0 59.9
148 63.7 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 38.745 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

Tgt Ion:146 Resp: 85615
Ion Ratio Lower Upper
146 100
111 39.1 19.5 58.5
148 64.0 32.0 96.2





#89

n-Butylbenzene

Concen: 43.689 ug/l

RT: 13.614 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY021372.D

Acq: 27 Feb 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

P001-CLAY-CF01-01MSD

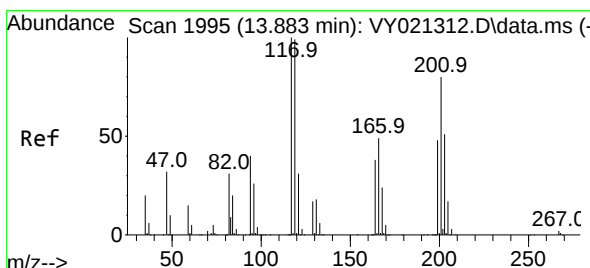
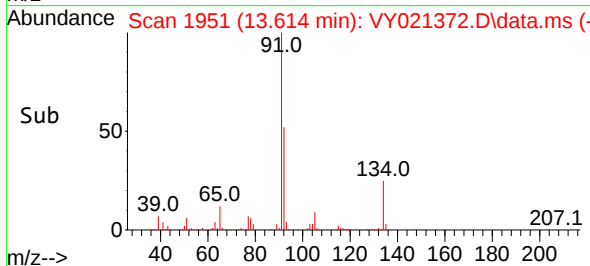
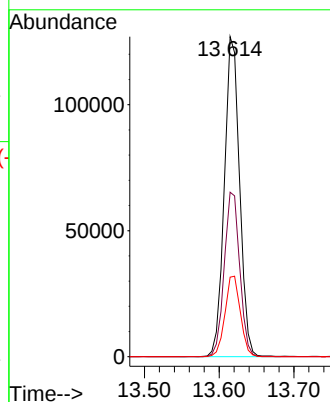
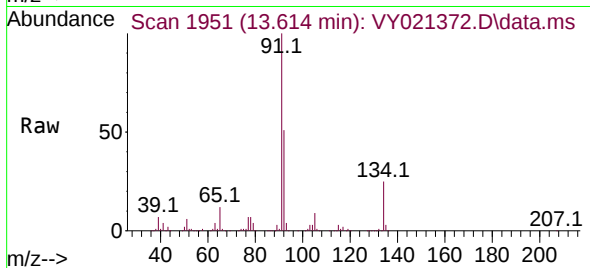
Tgt Ion: 91 Resp: 180608

Ion Ratio Lower Upper

91 100

92 52.2 26.4 79.2

134 25.4 12.7 38.0



#90

Hexachloroethane

Concen: 47.596 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY021372.D

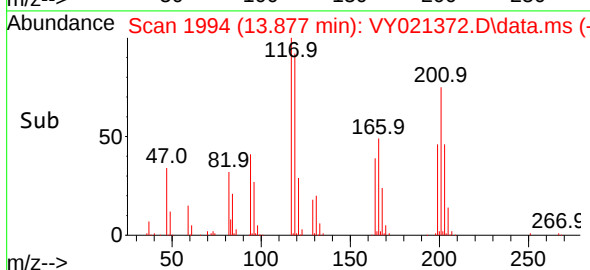
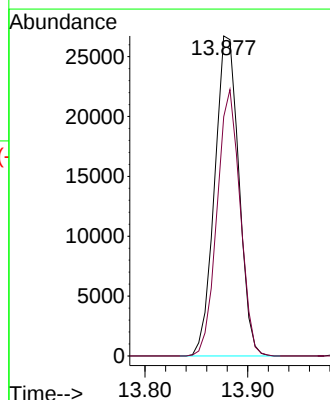
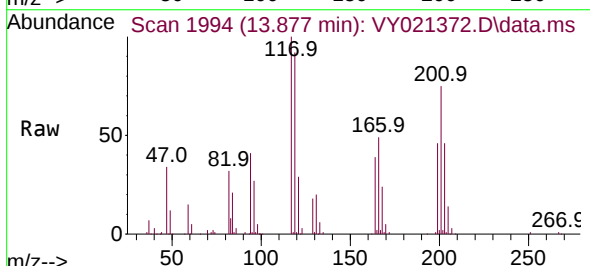
Acq: 27 Feb 2025 20:38

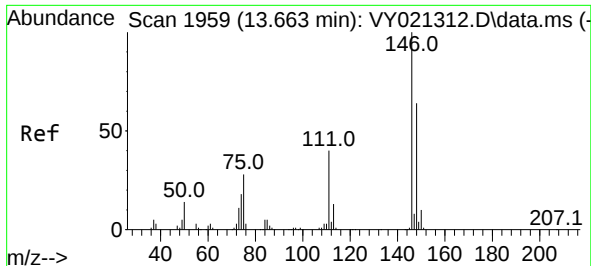
Tgt Ion: 117 Resp: 43674

Ion Ratio Lower Upper

117 100

201 79.2 38.4 115.2

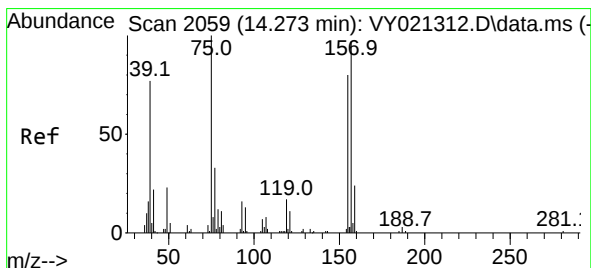
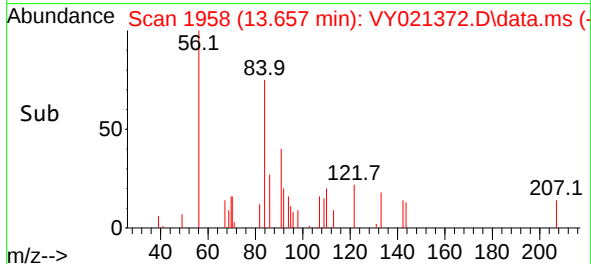
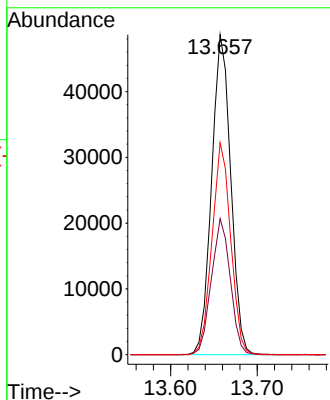
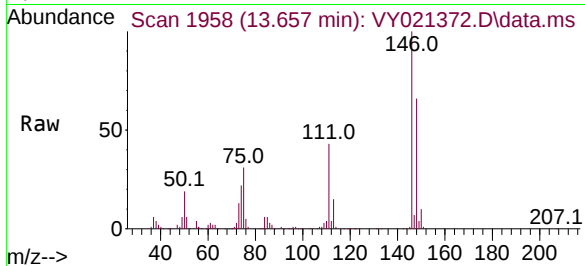




#91
1,2-Dichlorobenzene
Concen: 38.035 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

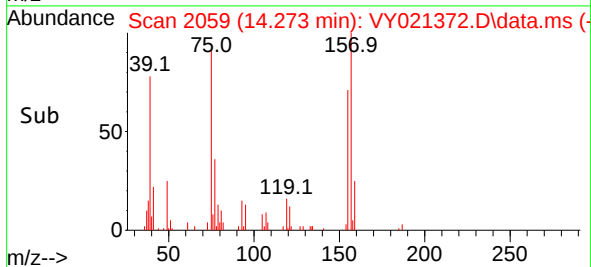
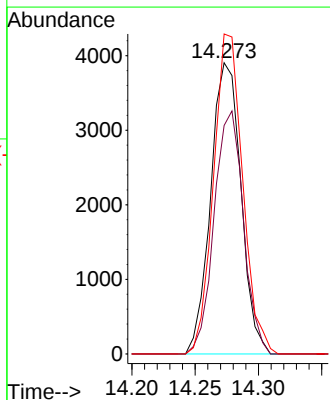
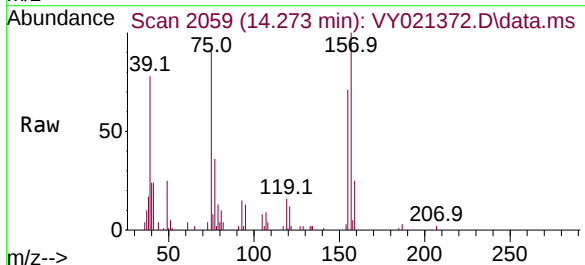
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-01MSD

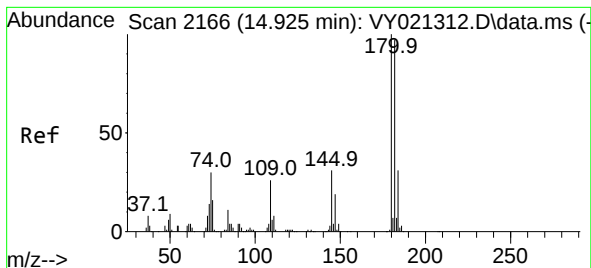
Tgt Ion:146 Resp: 74538
Ion Ratio Lower Upper
146 100
111 42.1 20.7 62.1
148 64.9 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.876 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

Tgt Ion: 75 Resp: 6498
Ion Ratio Lower Upper
75 100
155 80.5 41.9 125.6
157 105.8 52.5 157.6





#93

1,2,4-Trichlorobenzene

Concen: 21.541 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY021372.D

Acq: 27 Feb 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

P001-CLAY-CF01-01MSD

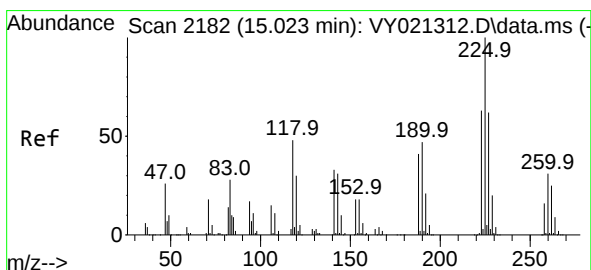
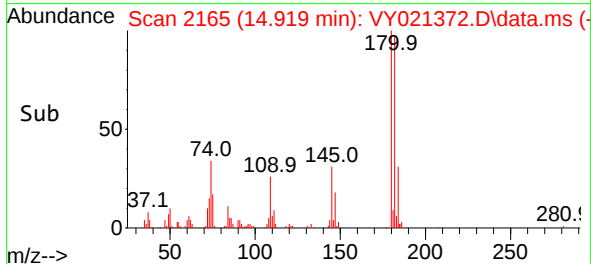
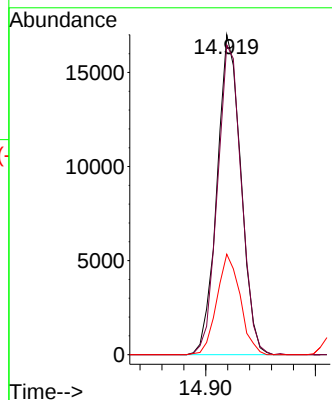
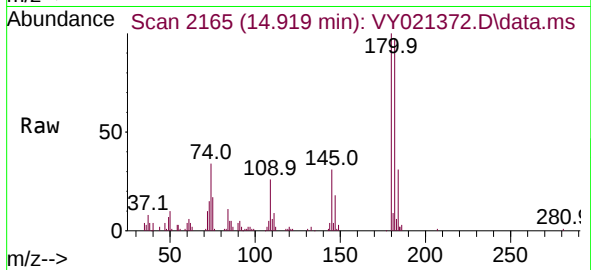
Tgt Ion:180 Resp: 25765

Ion Ratio Lower Upper

180 100

182 96.8 47.9 143.7

145 30.7 15.6 46.8



#94

Hexachlorobutadiene

Concen: 39.554 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY021372.D

Acq: 27 Feb 2025 20:38

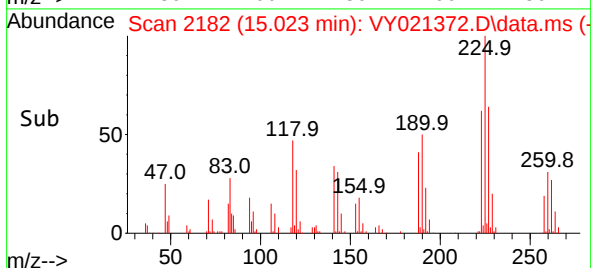
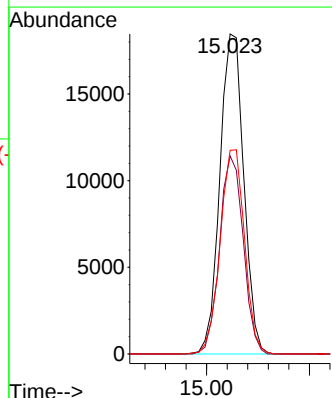
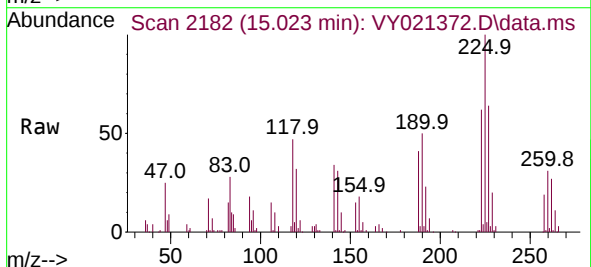
Tgt Ion:225 Resp: 29785

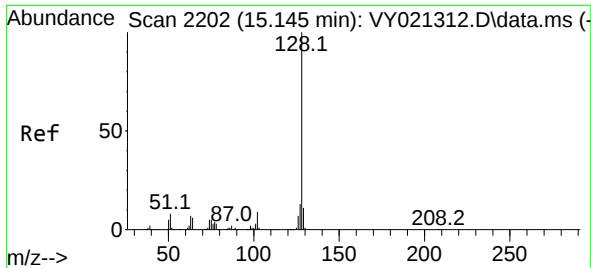
Ion Ratio Lower Upper

225 100

223 61.1 31.8 95.4

227 65.1 31.9 95.7

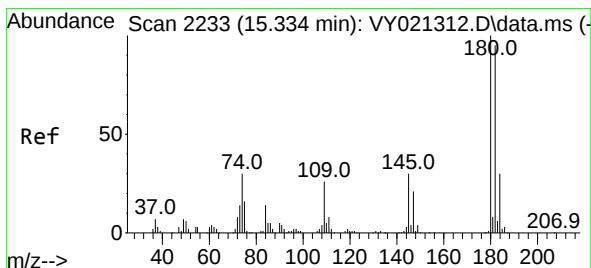
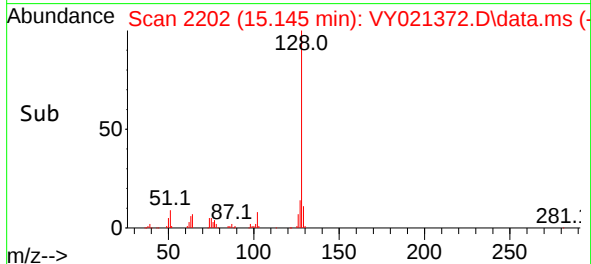
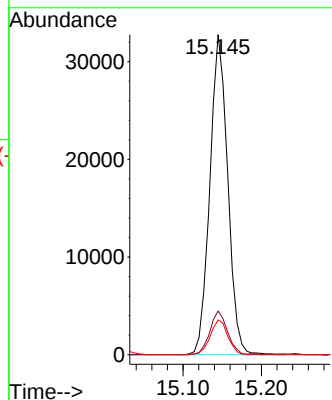
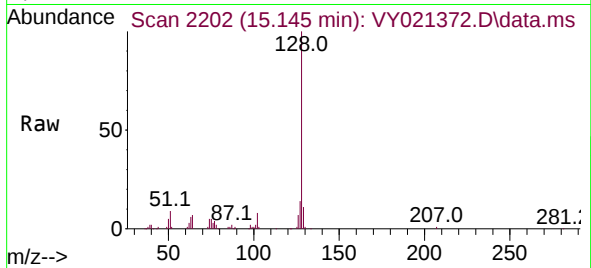




#95
Naphthalene
Concen: 26.166 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

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

Tgt Ion:128 Resp: 51838
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.6 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 21.035 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. -0.000 min
Lab File: VY021372.D
Acq: 27 Feb 2025 20:38

Tgt Ion:180 Resp: 21258
Ion Ratio Lower Upper
180 100
182 95.6 48.3 144.9
145 31.9 16.1 48.3

