

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032125\
 Data File : VY021608.D
 Acq On : 21 Mar 2025 18:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 21 23:13:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	165468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	268727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	247363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	132617	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	100097	57.234	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.460%	
35) Dibromofluoromethane	7.634	113	96767	54.783	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.560%	
50) Toluene-d8	10.109	98	346755	51.847	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.700%	
62) 4-Bromofluorobenzene	12.407	95	123213	54.159	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.320%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	65926	43.417	ug/l	100
3) Chloromethane	2.068	50	105398	49.233	ug/l	99
4) Vinyl Chloride	2.202	62	123461	52.773	ug/l	97
5) Bromomethane	2.592	94	85045	50.298	ug/l	99
6) Chloroethane	2.732	64	88880	57.489	ug/l	97
7) Trichlorofluoromethane	3.055	101	171011	52.371	ug/l	99
8) Diethyl Ether	3.458	74	50019	55.274	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.811	101	94877	50.891	ug/l	99
10) Methyl Iodide	4.006	142	106395	56.142	ug/l	99
11) Tert butyl alcohol	4.854	59	31299	277.757	ug/l	98
12) 1,1-Dichloroethene	3.793	96	86460	50.867	ug/l	92
13) Acrolein	3.653	56	3385	38.053	ug/l	91
14) Allyl chloride	4.384	41	144021	52.432	ug/l	100
15) Acrylonitrile	5.061	53	117855	305.943	ug/l	98
16) Acetone	3.866	43	86773	227.482	ug/l	97
17) Carbon Disulfide	4.104	76	250144	46.959	ug/l	99
18) Methyl Acetate	4.384	43	68846	81.343	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	249340	57.878	ug/l	96
20) Methylene Chloride	4.616	84	106804	53.340	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	101130	53.127	ug/l	99
22) Diisopropyl ether	6.018	45	357318	60.361	ug/l	97
23) Vinyl Acetate	5.963	43	939968	278.230	ug/l	99
24) 1,1-Dichloroethane	5.915	63	198056	56.688	ug/l	99
25) 2-Butanone	6.896	43	144091	273.075	ug/l	99
26) 2,2-Dichloropropane	6.884	77	143110	44.518	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	123050	56.902	ug/l	97
28) Bromochloromethane	7.244	49	89233	60.921	ug/l	100
29) Tetrahydrofuran	7.262	42	98893	303.584	ug/l	99
30) Chloroform	7.420	83	213290	58.791	ug/l	98
31) Cyclohexane	7.707	56	151769	46.336	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	180118	54.222	ug/l	99
36) 1,1-Dichloropropene	7.835	75	136952	49.532	ug/l	100
37) Ethyl Acetate	6.982	43	67653	55.359	ug/l	98
38) Carbon Tetrachloride	7.817	117	159831	50.263	ug/l	97
39) Methylcyclohexane	9.109	83	159491	47.026	ug/l	99
40) Benzene	8.079	78	442305	54.304	ug/l	98

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 ClientSampleId :
 VSTDC0050EC

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	35592	53.488	ug/l #	94
42) 1,2-Dichloroethane	8.158	62	130175	57.130	ug/l	100
43) Isopropyl Acetate	8.195	43	131585	55.466	ug/l #	88
44) Trichloroethene	8.865	130	107533	52.246	ug/l	95
45) 1,2-Dichloropropane	9.140	63	111214	57.371	ug/l	99
46) Dibromomethane	9.231	93	61800	57.297	ug/l	99
47) Bromodichloromethane	9.426	83	165401	57.744	ug/l	100
48) Methyl methacrylate	9.219	41	63529	58.317	ug/l	99
49) 1,4-Dioxane	9.231	88	12980	1226.058	ug/l	92
51) 4-Methyl-2-Pentanone	9.999	43	366300	299.252	ug/l	100
52) Toluene	10.170	92	282414	54.998	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	138585	54.916	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	164523	54.911	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	81645	57.867	ug/l	97
56) Ethyl methacrylate	10.438	69	107575	59.783	ug/l	98
57) 1,3-Dichloropropane	10.719	76	141158	57.725	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	282587	340.199	ug/l	100
59) 2-Hexanone	10.761	43	238786	295.026	ug/l	100
60) Dibromochloromethane	10.914	129	113230	58.539	ug/l	100
61) 1,2-Dibromoethane	11.017	107	76177	57.207	ug/l	100
64) Tetrachloroethene	10.646	164	114323	56.836	ug/l	98
65) Chlorobenzene	11.444	112	311722	53.365	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	113606	55.009	ug/l	99
67) Ethyl Benzene	11.517	91	539719	52.641	ug/l	98
68) m/p-Xylenes	11.627	106	413446	106.217	ug/l	100
69) o-Xylene	11.956	106	196472	54.767	ug/l	98
70) Styrene	11.968	104	340176	57.159	ug/l	99
71) Bromoform	12.133	173	65116	56.403	ug/l #	99
73) Isopropylbenzene	12.255	105	515223	49.320	ug/l	100
74) N-amyl acetate	12.072	43	115322	50.831	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	92604	50.234	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	121132	90.643	ug/l #	100
77) Bromobenzene	12.529	156	123594	50.571	ug/l	99
78) n-propylbenzene	12.596	91	620007	48.869	ug/l	100
79) 2-Chlorotoluene	12.682	91	365543	50.389	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	428203	50.439	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	26511	45.098	ug/l	100
82) 4-Chlorotoluene	12.779	91	376441	50.111	ug/l	100
83) tert-Butylbenzene	12.999	119	376824	49.756	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	429689	50.977	ug/l	100
85) sec-Butylbenzene	13.176	105	556991	49.430	ug/l	99
86) p-Isopropyltoluene	13.291	119	465053	50.096	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	244436	50.245	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	238696	50.170	ug/l	100
89) n-Butylbenzene	13.621	91	425141	49.595	ug/l	100
90) Hexachloroethane	13.883	117	98721	49.848	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	219610	52.669	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	14175	51.332	ug/l	94
93) 1,2,4-Trichlorobenzene	14.925	180	116078	50.969	ug/l	98
94) Hexachlorobutadiene	15.023	225	72273	50.625	ug/l	100
95) Naphthalene	15.145	128	199427	51.600	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	100593	52.517	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

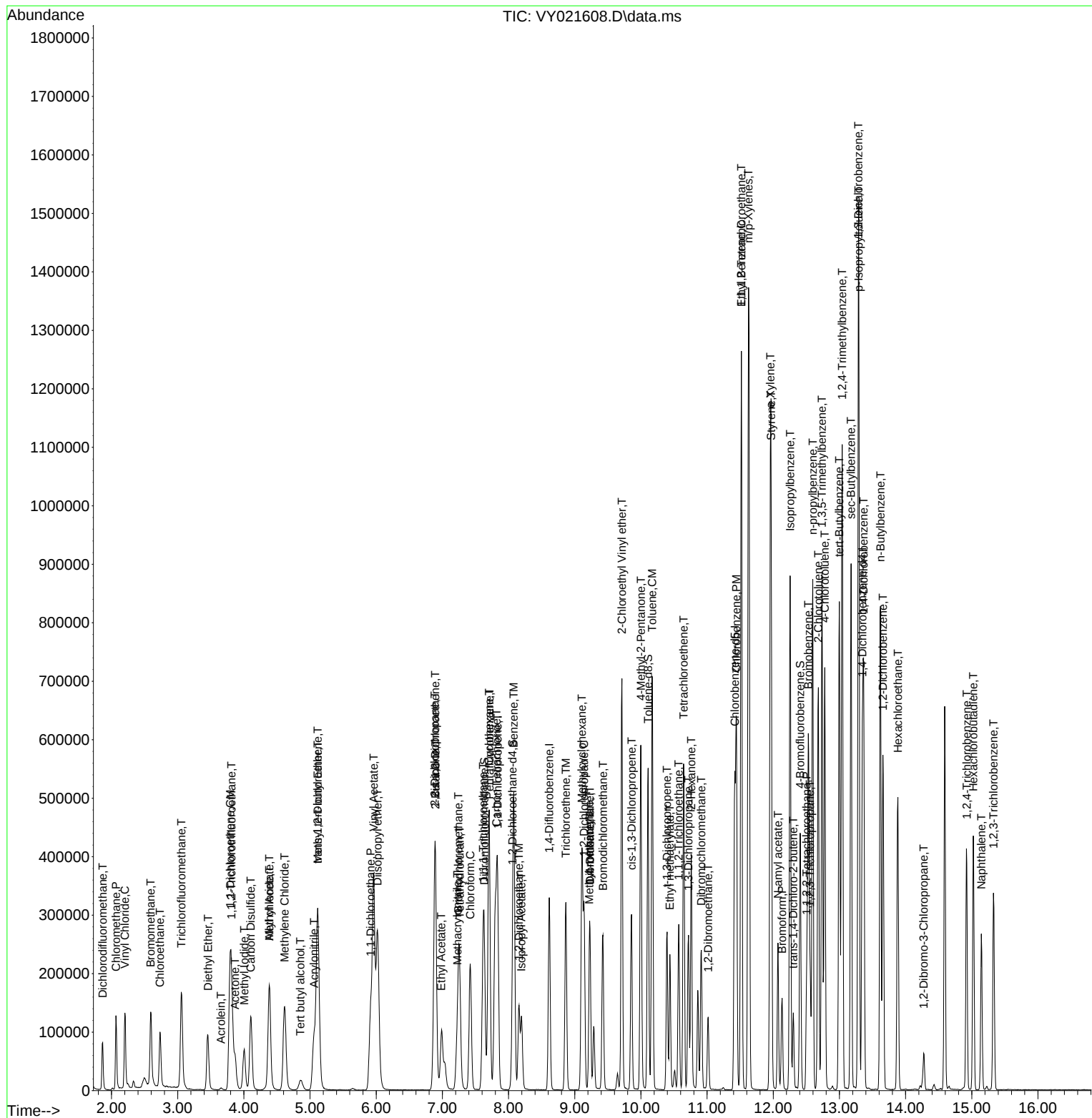
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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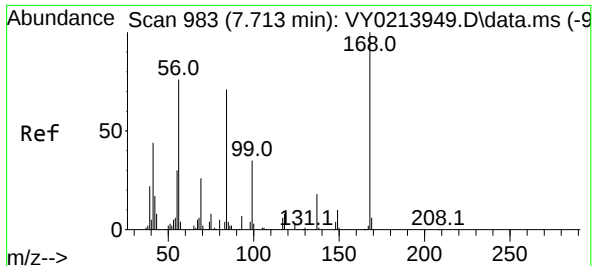
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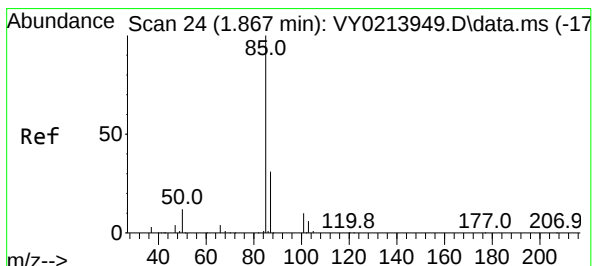
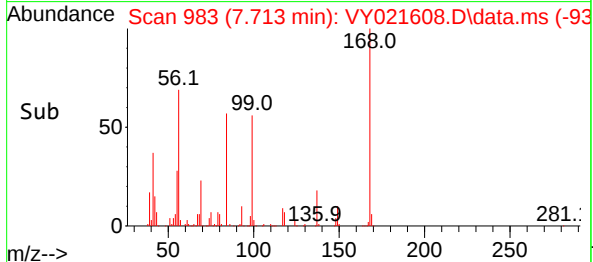
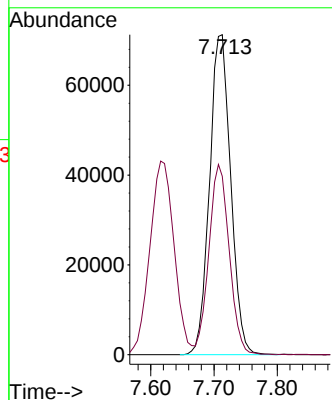
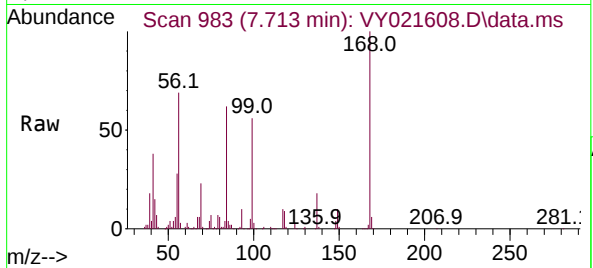




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

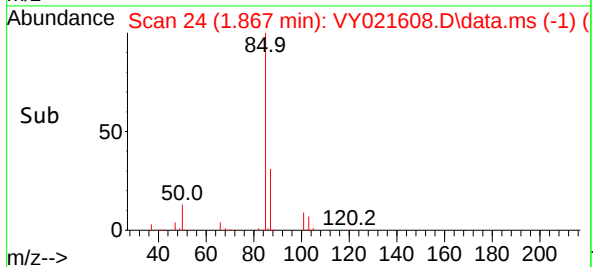
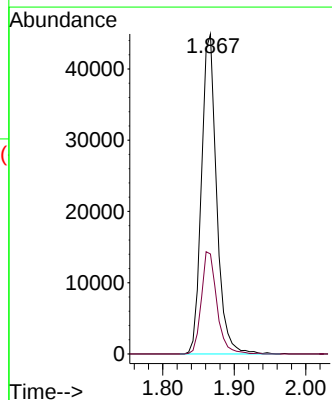
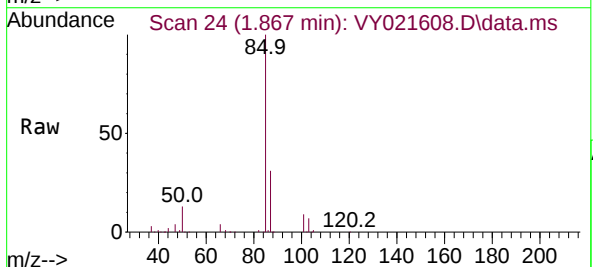
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 165468
Ion Ratio Lower Upper
168 100
99 55.7 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 43.417 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

Tgt Ion: 85 Resp: 65926
Ion Ratio Lower Upper
85 100
87 31.3 15.7 47.0

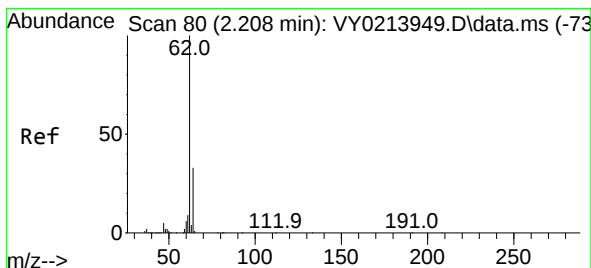
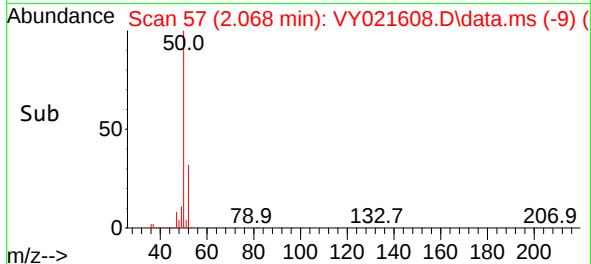
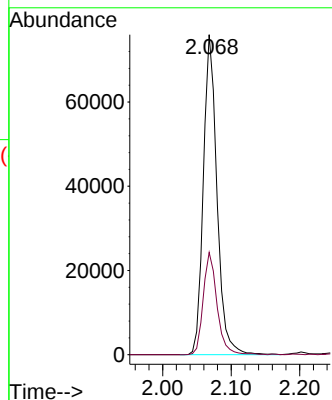
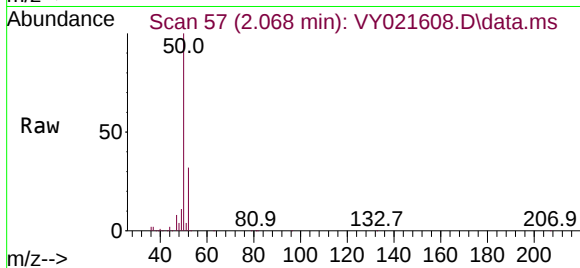




#3
Chloromethane
Concen: 49.233 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

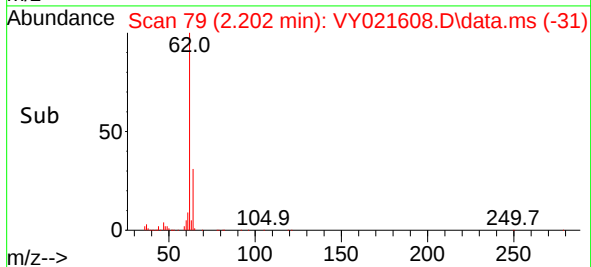
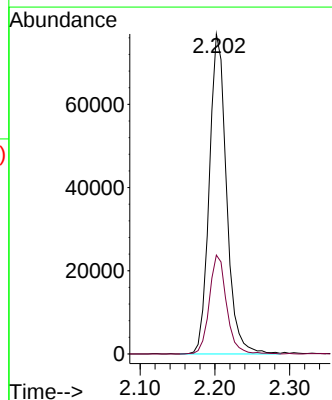
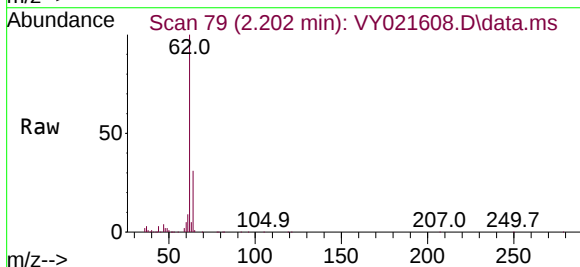
Instrument :
MSVOA_Y
ClientSampleId :
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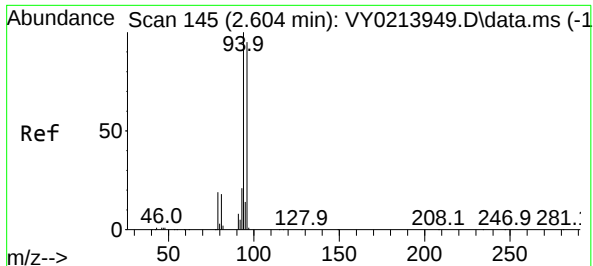
Tgt Ion: 50 Resp: 105398
Ion Ratio Lower Upper
50 100
52 31.9 26.2 39.2



#4
Vinyl Chloride
Concen: 52.773 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

Tgt Ion: 62 Resp: 123461
Ion Ratio Lower Upper
62 100
64 30.9 26.2 39.2

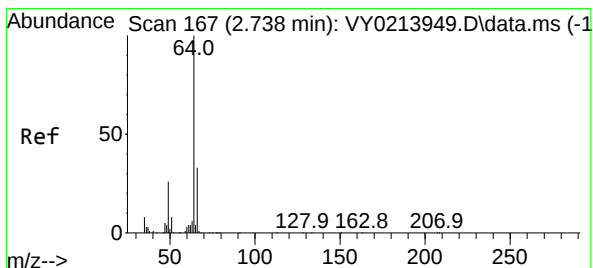
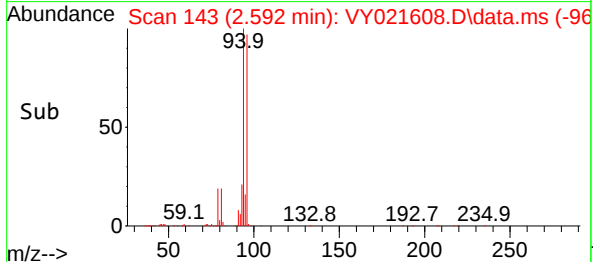
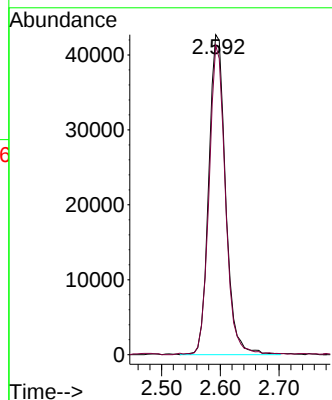
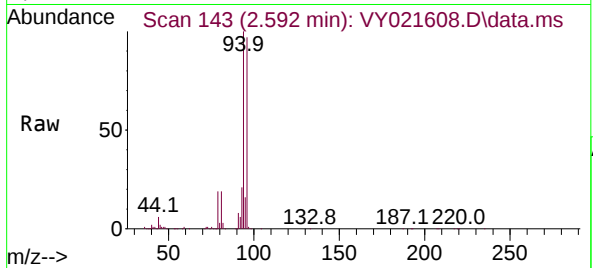




#5
Bromomethane
Concen: 50.298 ug/l
RT: 2.592 min Scan# 145
Delta R.T. -0.012 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

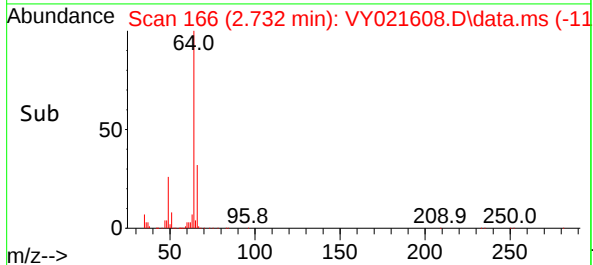
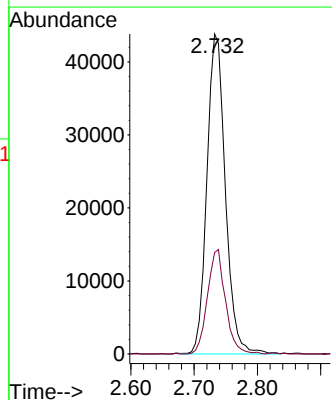
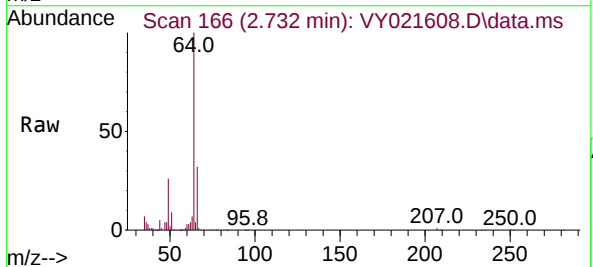
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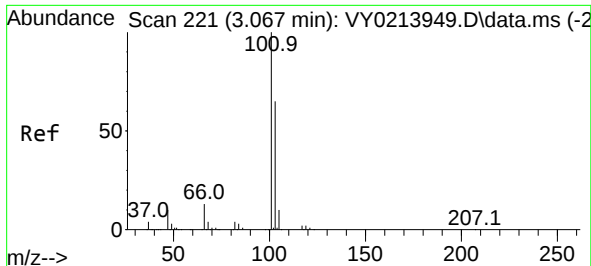
Tgt Ion: 94 Resp: 85045
Ion Ratio Lower Upper
94 100
96 96.2 76.3 114.5



#6
Chloroethane
Concen: 57.489 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

Tgt Ion: 64 Resp: 88880
Ion Ratio Lower Upper
64 100
66 31.7 26.7 40.1

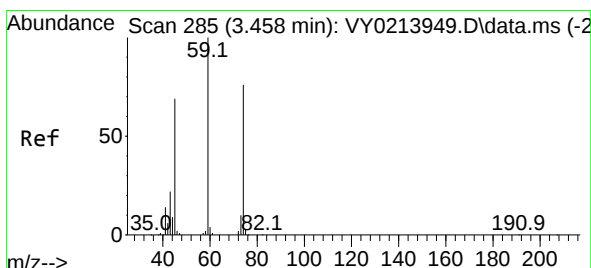
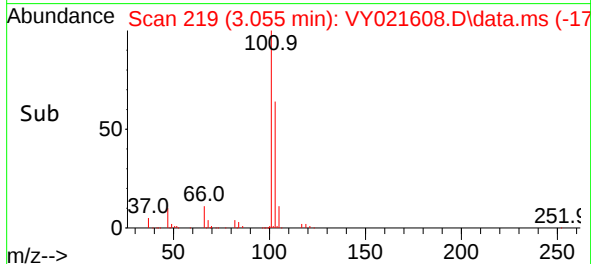
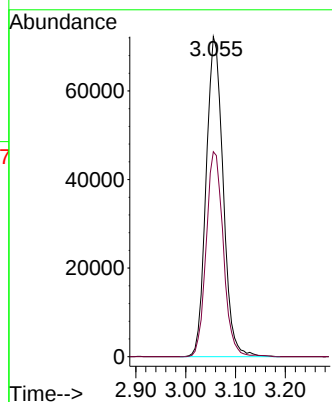
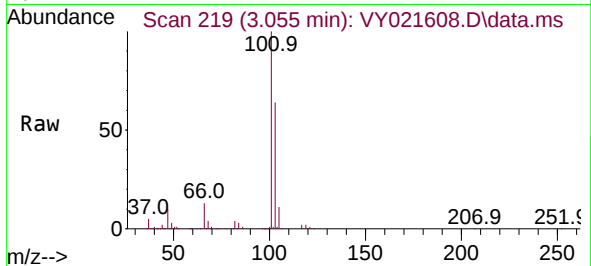




#7
Trichlorofluoromethane
Concen: 52.371 ug/l
RT: 3.055 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

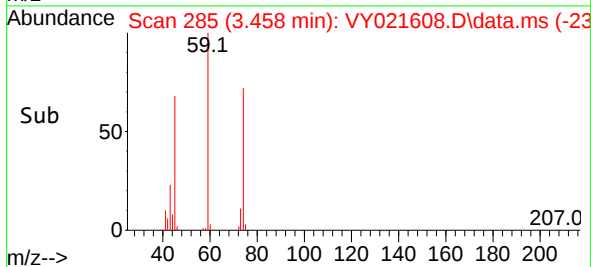
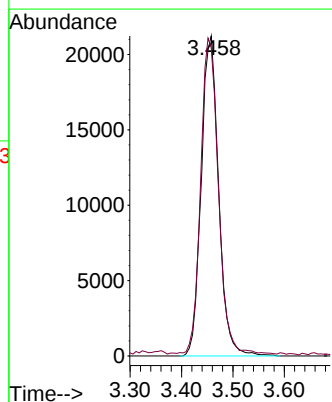
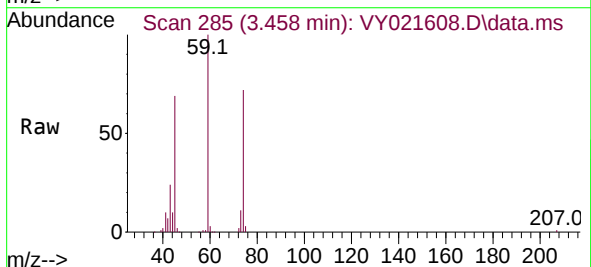
Instrument :
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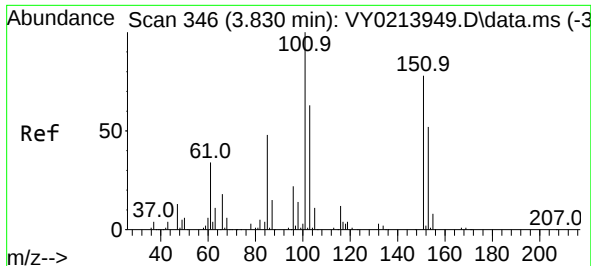
Tgt Ion:101 Resp: 171011
Ion Ratio Lower Upper
101 100
103 64.1 51.7 77.5



#8
Diethyl Ether
Concen: 55.274 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

Tgt Ion: 74 Resp: 50019
Ion Ratio Lower Upper
74 100
45 100.1 49.7 149.1

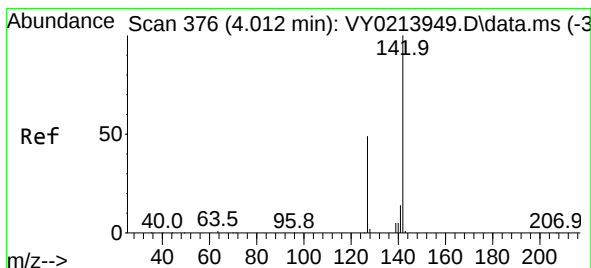
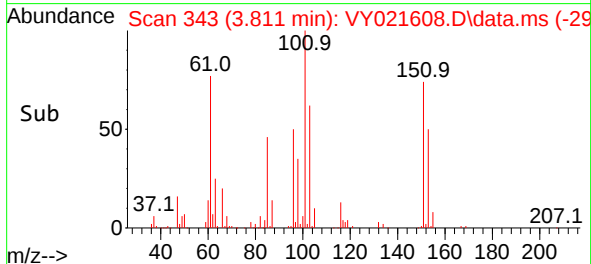
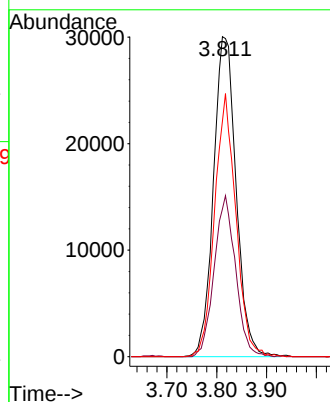
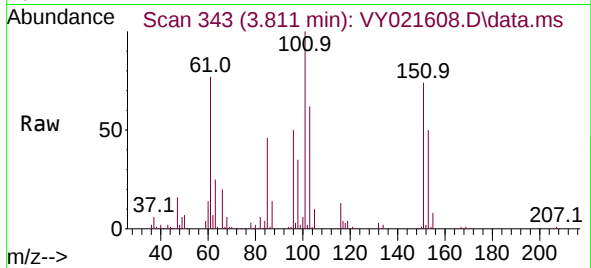




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.891 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.019 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

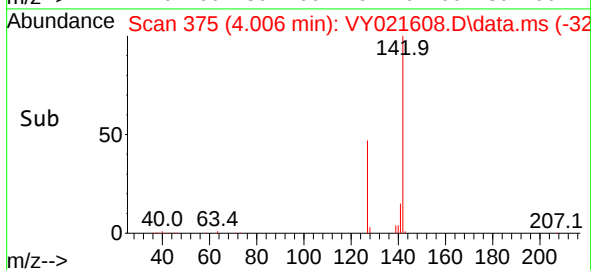
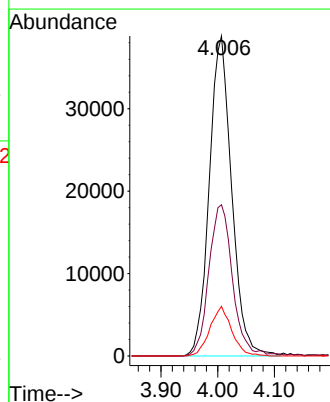
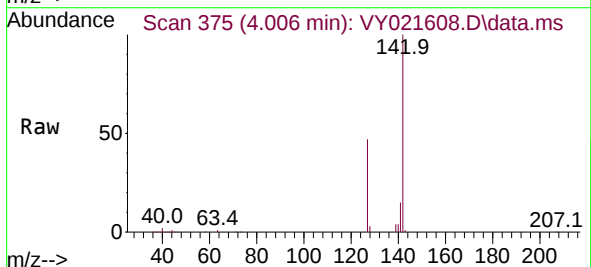
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

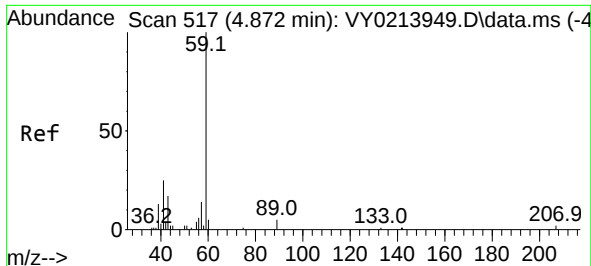
Tgt Ion:101 Resp: 94877
Ion Ratio Lower Upper
101 100
85 47.4 37.1 55.7
151 77.1 62.1 93.1



#10
Methyl Iodide
Concen: 56.142 ug/l
RT: 4.006 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

Tgt Ion:142 Resp: 106395
Ion Ratio Lower Upper
142 100
127 49.8 39.1 58.7
141 15.2 11.8 17.6





#11

Tert butyl alcohol

Concen: 277.757 ug/l

RT: 4.854 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

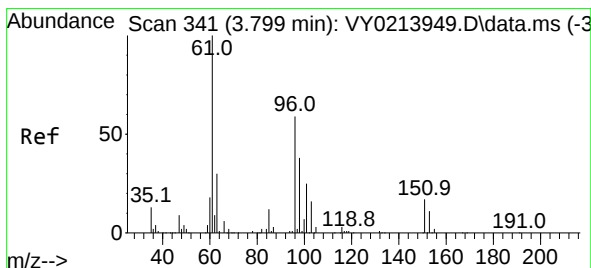
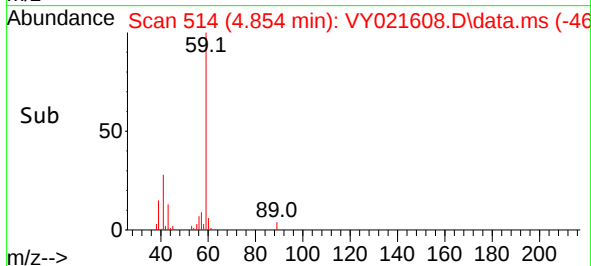
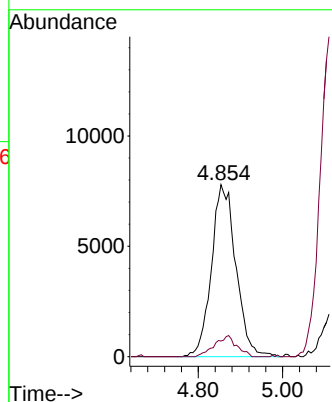
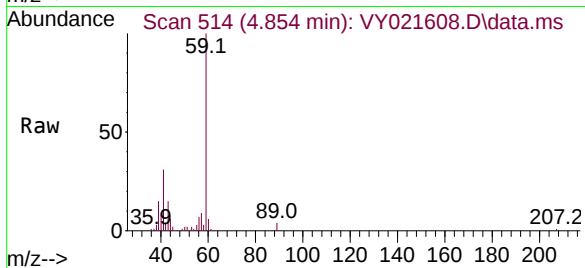
VSTDCCC050EC

Tgt Ion: 59 Resp: 31299

Ion Ratio Lower Upper

59 100

57 11.1 8.2 12.4



#12

1,1-Dichloroethene

Concen: 50.867 ug/l

RT: 3.793 min Scan# 340

Delta R.T. -0.006 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

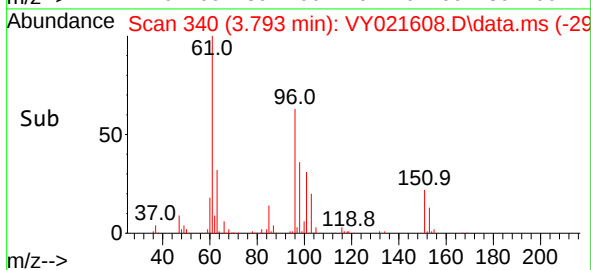
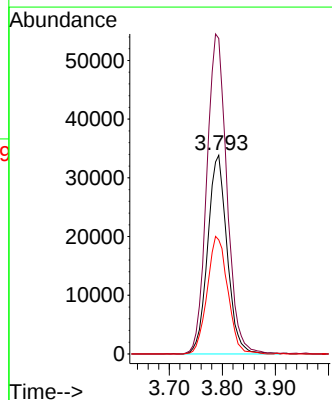
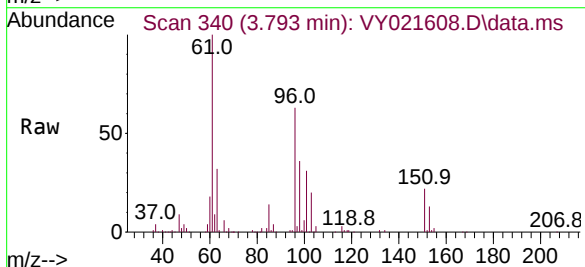
Tgt Ion: 96 Resp: 86460

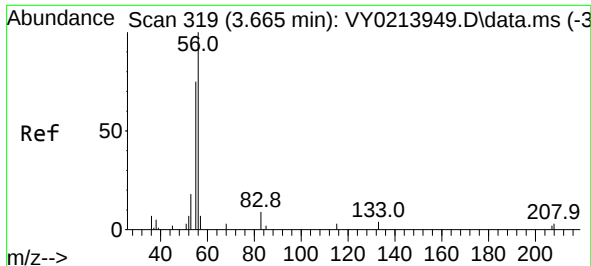
Ion Ratio Lower Upper

96 100

61 158.7 135.2 202.8

98 57.4 51.4 77.2

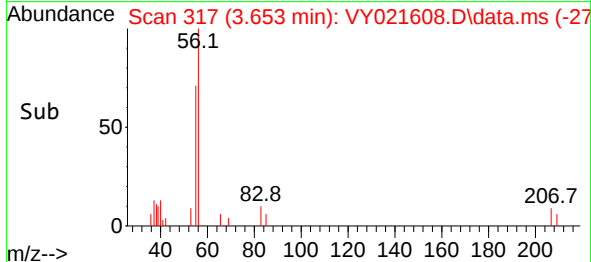
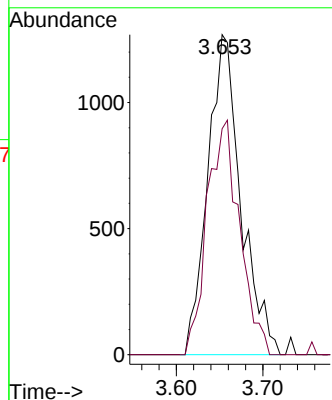
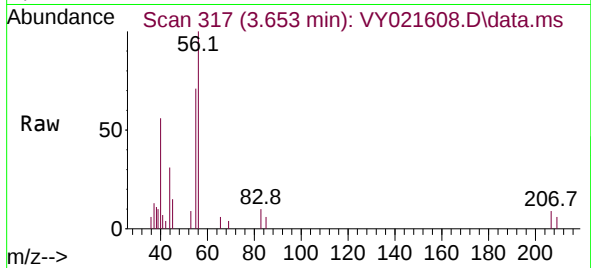




#13
Acrolein
Concen: 38.053 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.012 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

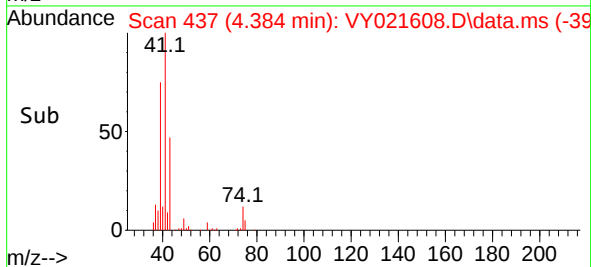
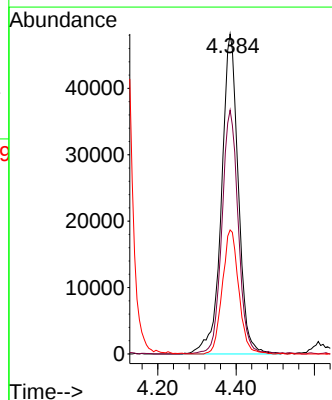
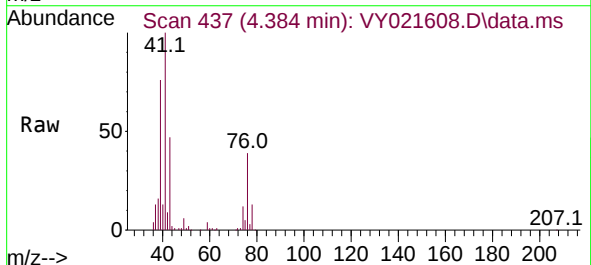
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

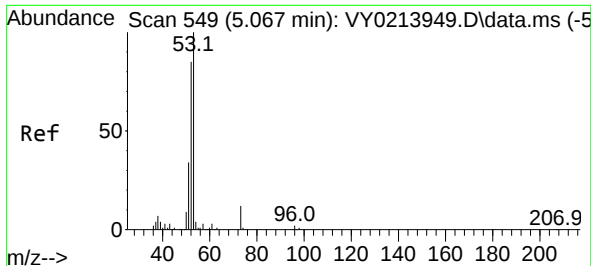
Tgt Ion: 56 Resp: 3385
Ion Ratio Lower Upper
56 100
55 71.7 63.4 95.2



#14
Allyl chloride
Concen: 52.432 ug/l
RT: 4.384 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

Tgt Ion: 41 Resp: 144021
Ion Ratio Lower Upper
41 100
39 74.3 59.3 88.9
76 37.8 29.8 44.8

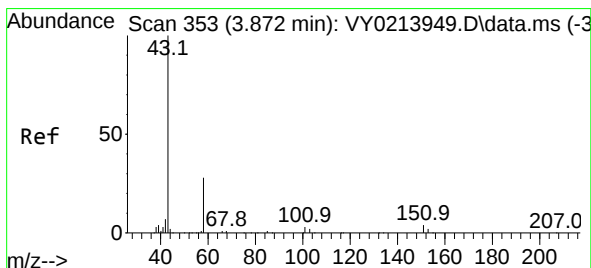
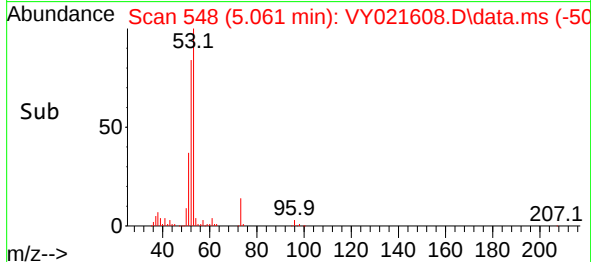
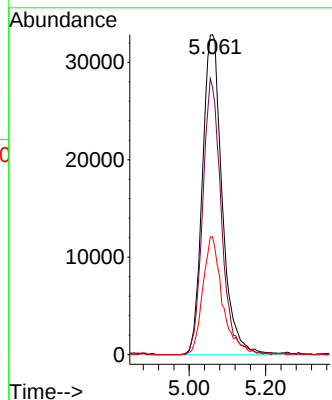
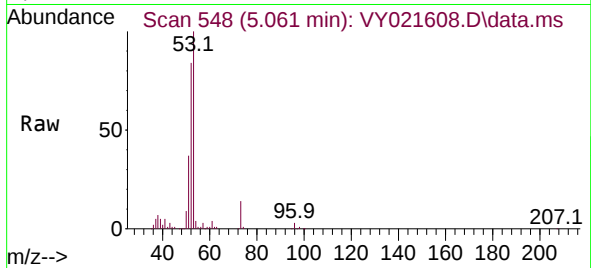




#15
Acrylonitrile
Concen: 305.943 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

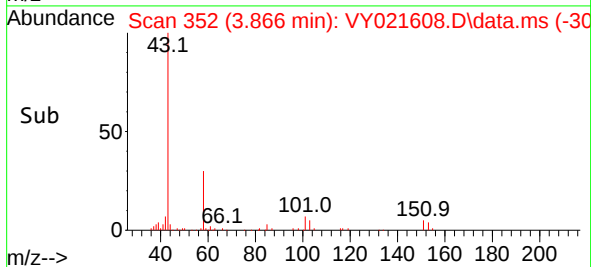
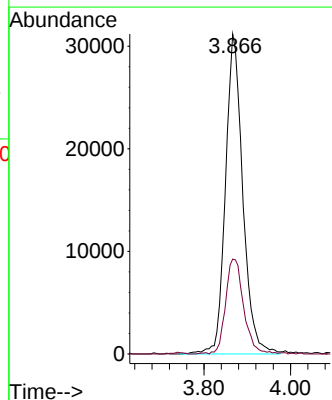
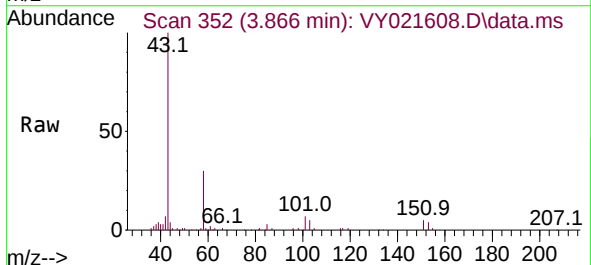
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

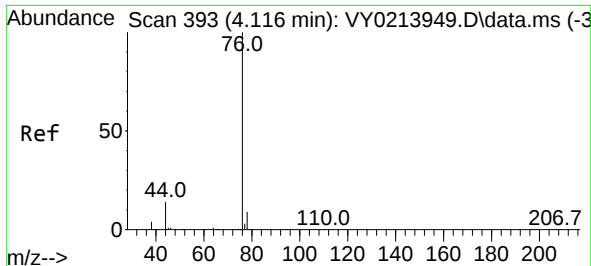
Tgt Ion: 53 Resp: 117855
Ion Ratio Lower Upper
53 100
52 81.1 66.3 99.5
51 37.1 30.3 45.5



#16
Acetone
Concen: 227.482 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

Tgt Ion: 43 Resp: 86773
Ion Ratio Lower Upper
43 100
58 29.3 22.1 33.1

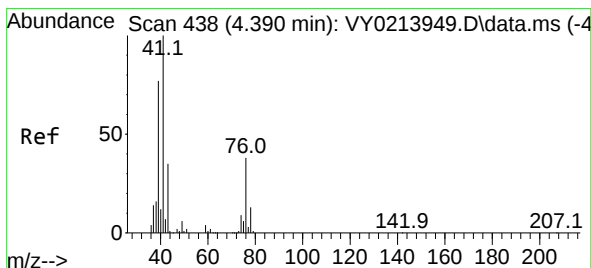
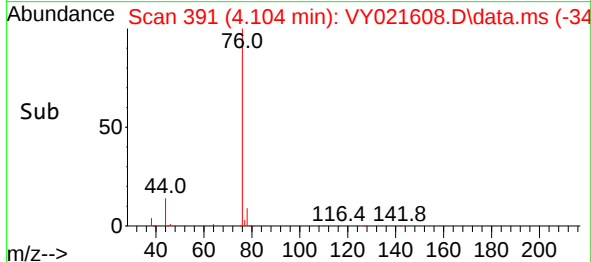
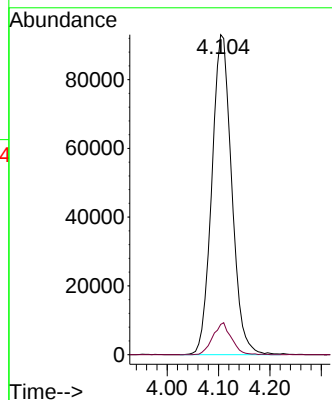
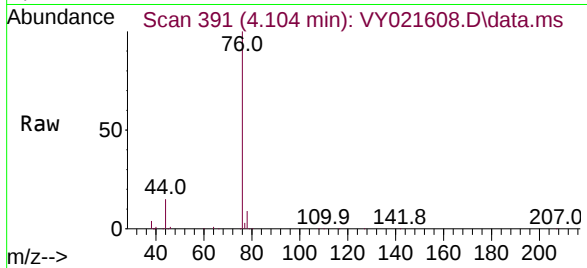




#17
Carbon Disulfide
Concen: 46.959 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

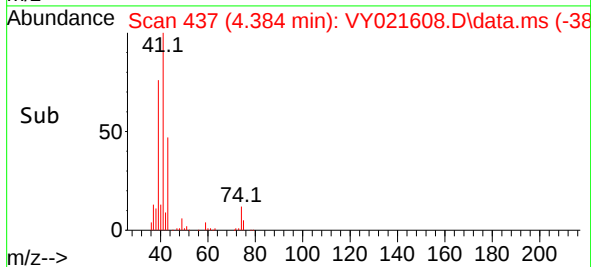
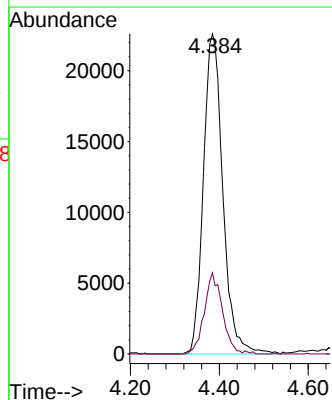
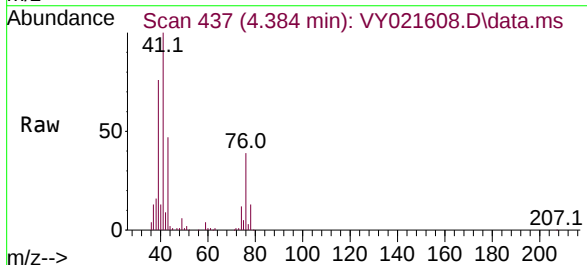
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

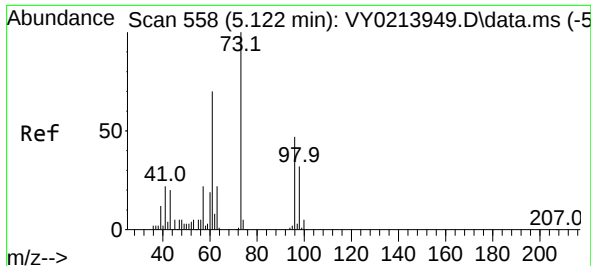
Tgt Ion: 76 Resp: 250144
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 81.343 ug/l
RT: 4.384 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

Tgt Ion: 43 Resp: 68846
Ion Ratio Lower Upper
43 100
74 23.4 19.4 29.0

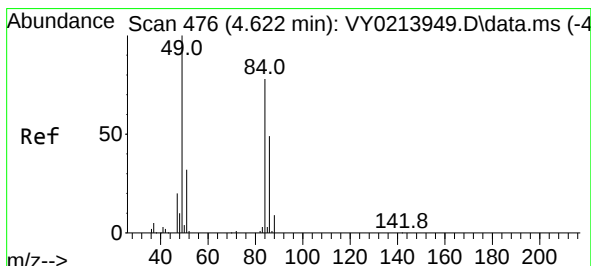
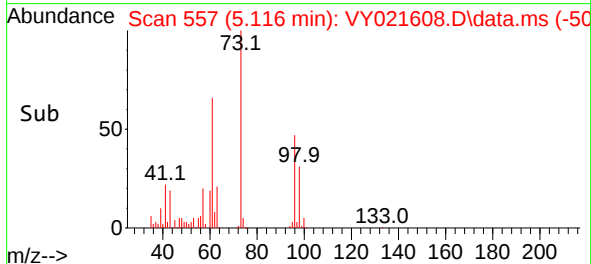
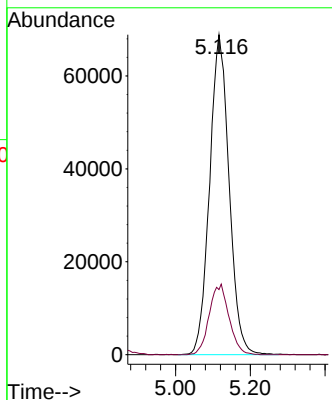
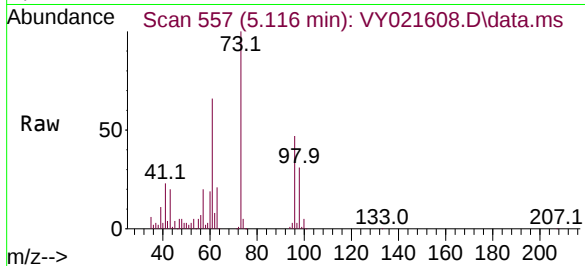




#19
Methyl tert-butyl Ether
Concen: 57.878 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

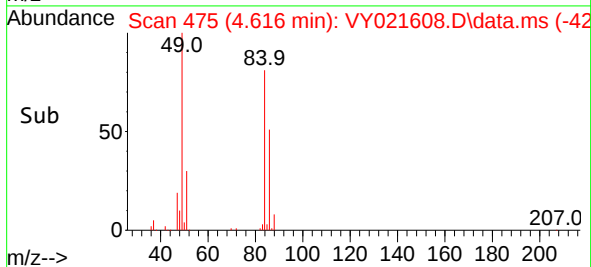
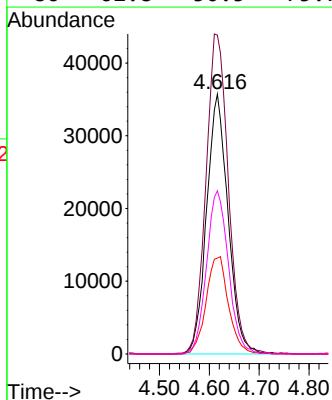
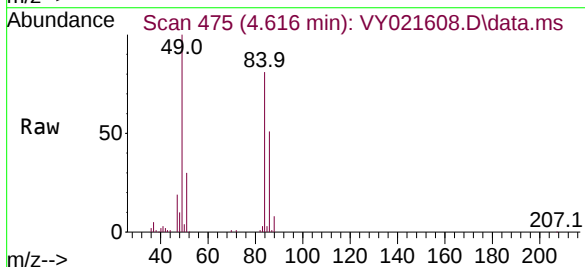
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 249340
Ion Ratio Lower Upper
73 100
57 20.4 17.9 26.9



#20
Methylene Chloride
Concen: 53.340 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

Tgt Ion: 84 Resp: 106804
Ion Ratio Lower Upper
84 100
49 122.5 102.0 153.0
51 36.9 33.0 49.6
86 62.8 50.5 75.7

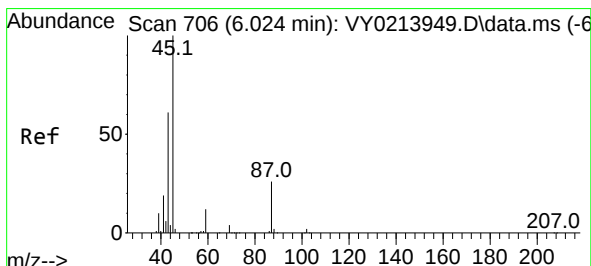
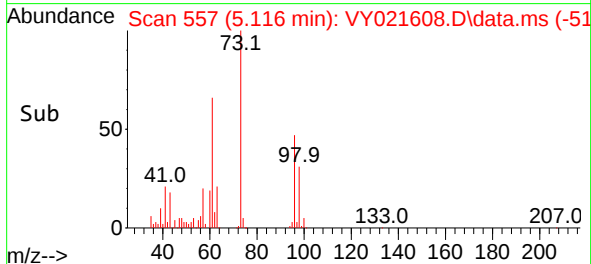
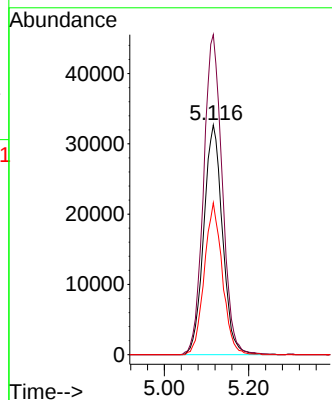
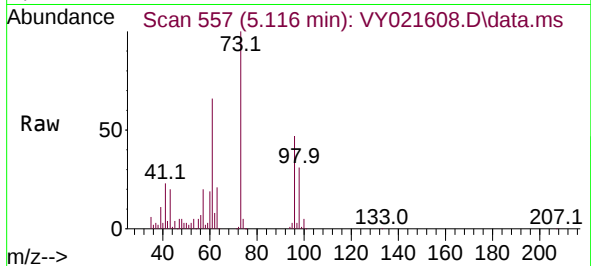




#21
trans-1,2-Dichloroethene
Concen: 53.127 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

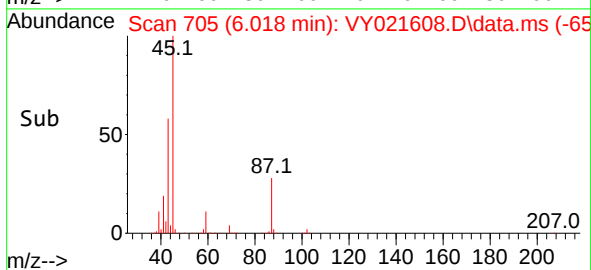
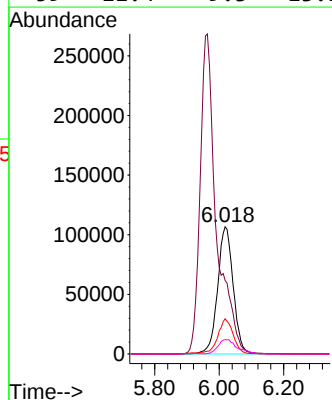
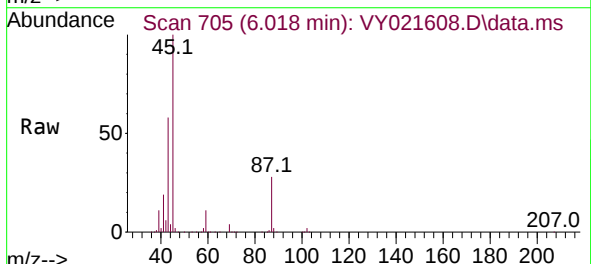
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

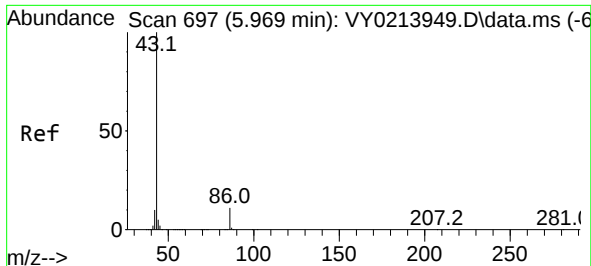
Tgt Ion: 96 Resp: 101130
Ion Ratio Lower Upper
96 100
61 139.3 111.5 167.3
98 66.1 53.8 80.8



#22
Diisopropyl ether
Concen: 60.361 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

Tgt Ion: 45 Resp: 357318
Ion Ratio Lower Upper
45 100
43 57.7 48.7 73.1
87 27.6 21.5 32.3
59 11.4 9.3 13.9

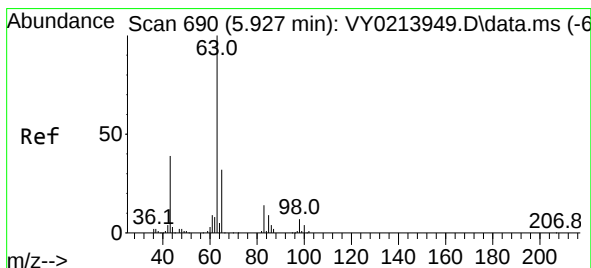
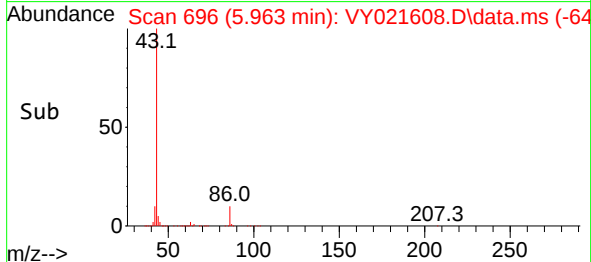
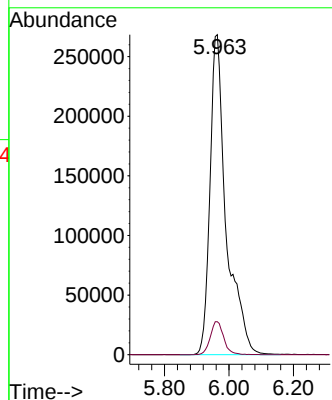
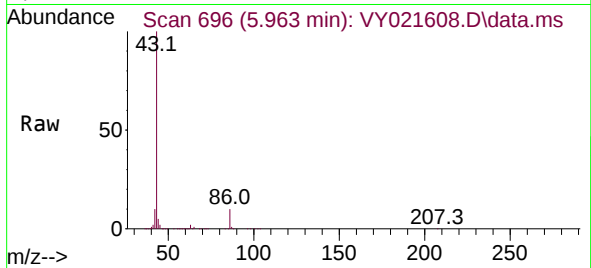




#23
 Vinyl Acetate
 Concen: 278.230 ug/l
 RT: 5.963 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY021608.D
 Acq: 21 Mar 2025 18:32

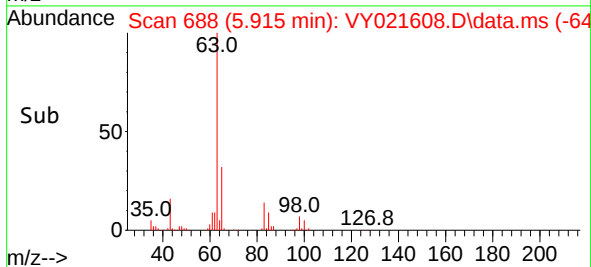
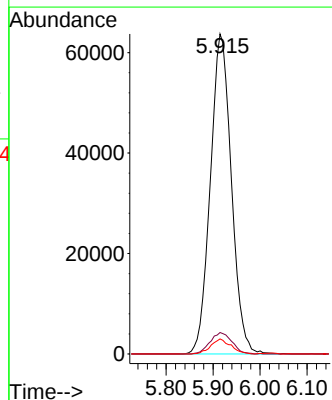
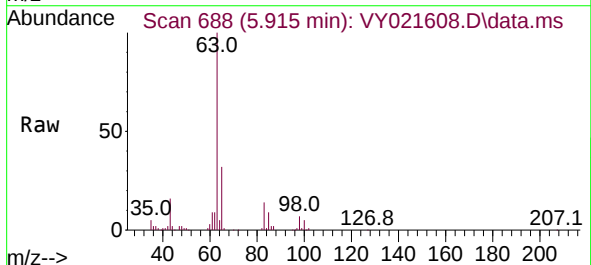
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

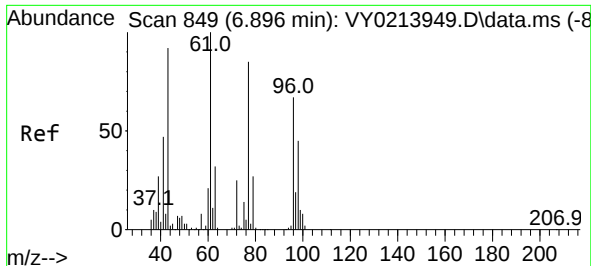
Tgt Ion: 43 Resp: 939968
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 56.688 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY021608.D
 Acq: 21 Mar 2025 18:32

Tgt Ion: 63 Resp: 198056
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.9
 100 4.7 2.1 6.5

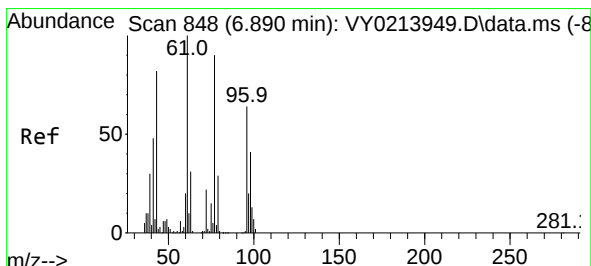
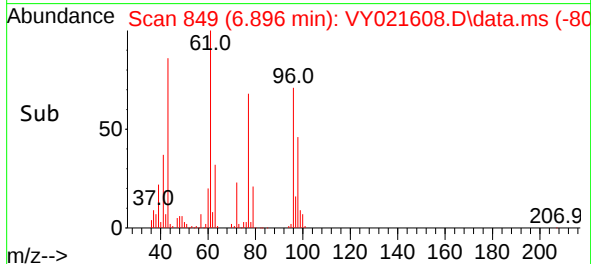
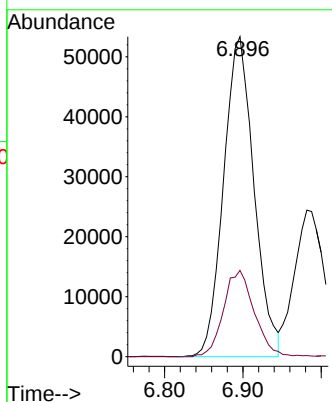
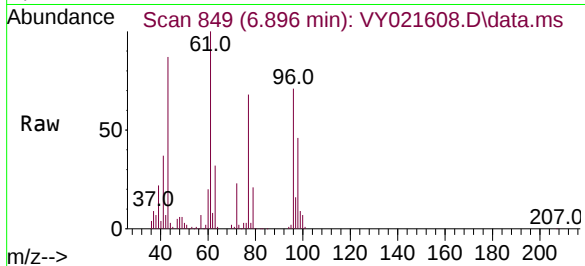




#25
2-Butanone
Concen: 273.075 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

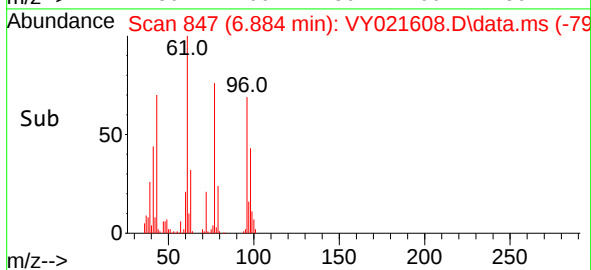
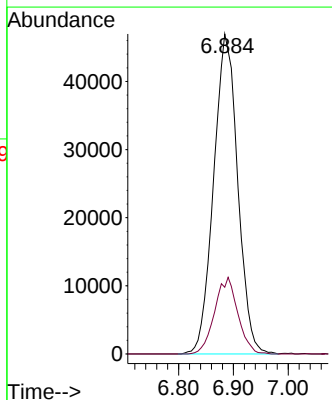
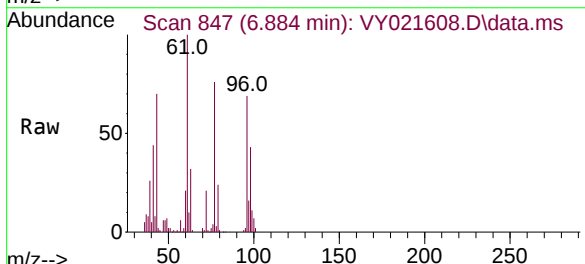
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 144091
Ion Ratio Lower Upper
43 100
72 27.0 21.4 32.0



#26
2,2-Dichloropropane
Concen: 44.518 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

Tgt Ion: 77 Resp: 143110
Ion Ratio Lower Upper
77 100
97 23.1 11.3 33.8

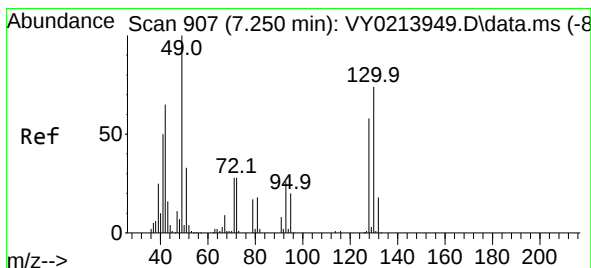
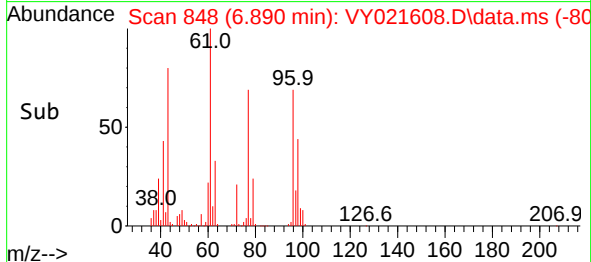
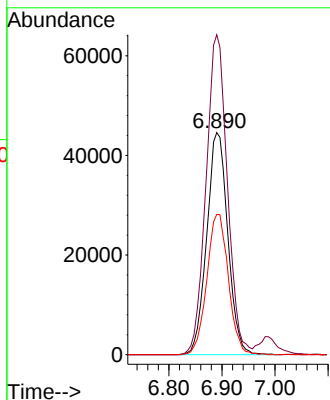
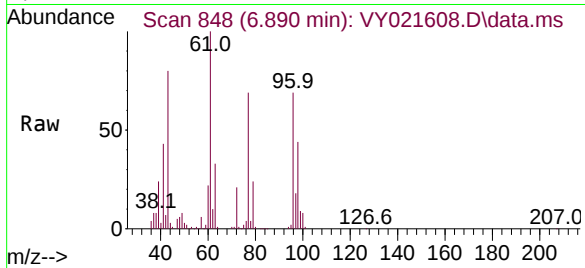




#27
 cis-1,2-Dichloroethene
 Concen: 56.902 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY021608.D
 Acq: 21 Mar 2025 18:32

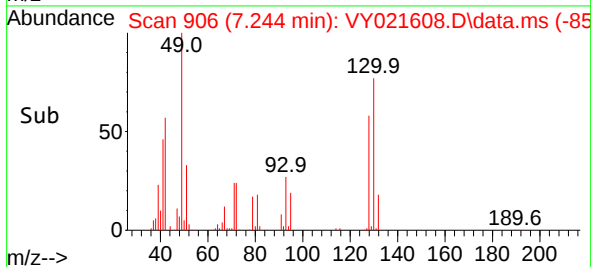
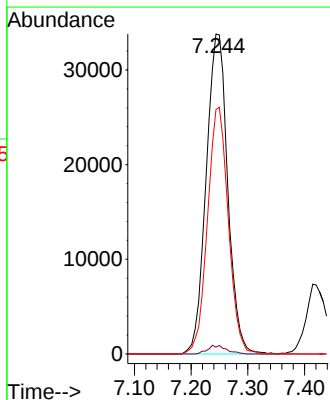
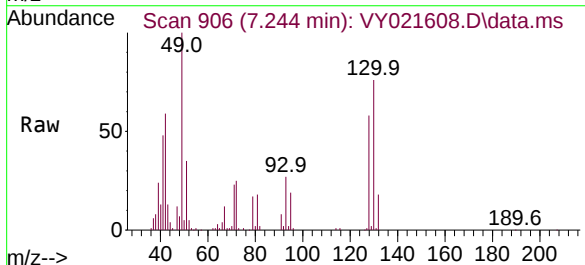
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

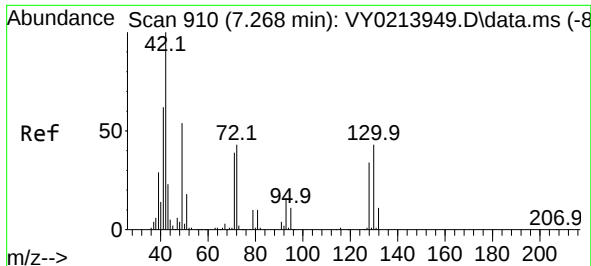
Tgt Ion: 96 Resp: 123050
 Ion Ratio Lower Upper
 96 100
 61 145.6 0.0 300.8
 98 64.6 0.0 130.0



#28
 Bromochloromethane
 Concen: 60.921 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021608.D
 Acq: 21 Mar 2025 18:32

Tgt Ion: 49 Resp: 89233
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 74.4 59.6 89.4





#29

Tetrahydrofuran

Concen: 303.584 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

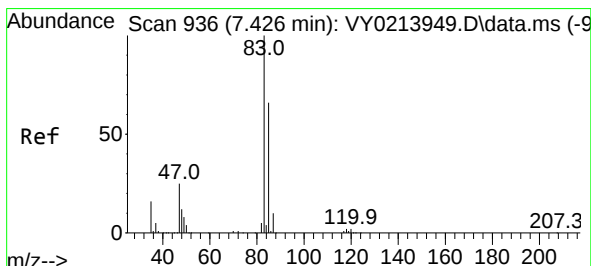
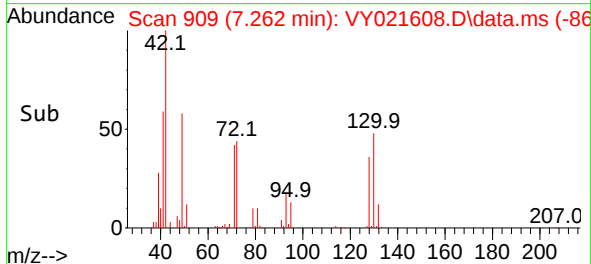
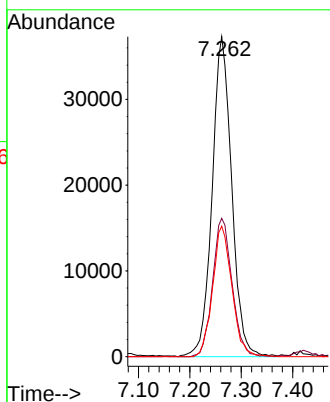
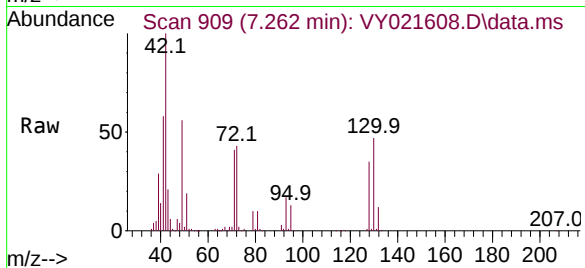
Tgt Ion: 42 Resp: 98893

Ion Ratio Lower Upper

42 100

72 42.9 34.8 52.2

71 40.1 32.6 48.8



#30

Chloroform

Concen: 58.791 ug/l

RT: 7.420 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY021608.D

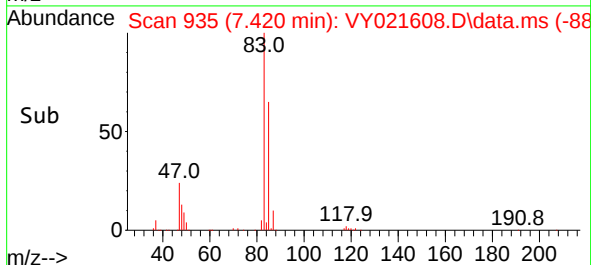
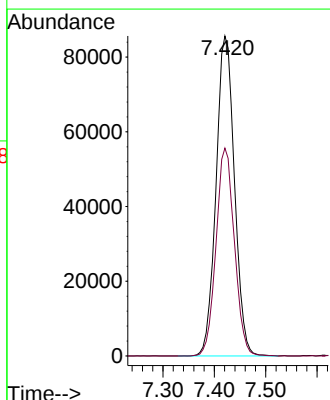
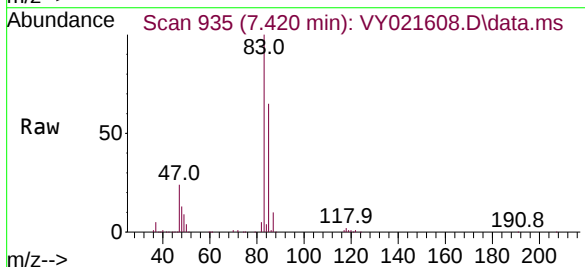
Acq: 21 Mar 2025 18:32

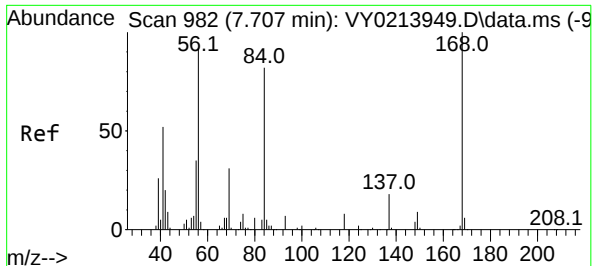
Tgt Ion: 83 Resp: 213290

Ion Ratio Lower Upper

83 100

85 65.0 53.1 79.7





#31

Cyclohexane

Concen: 46.336 ug/l

RT: 7.707 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

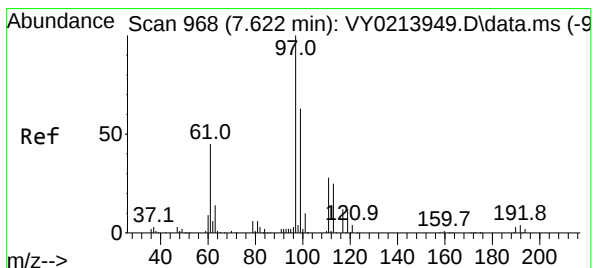
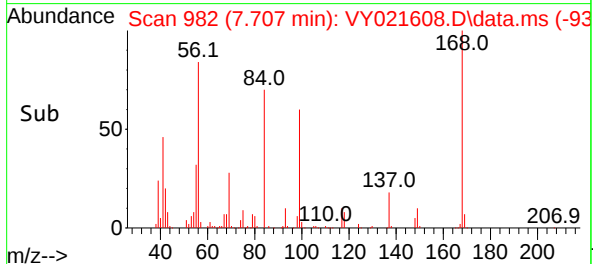
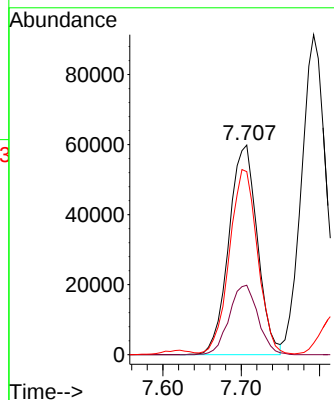
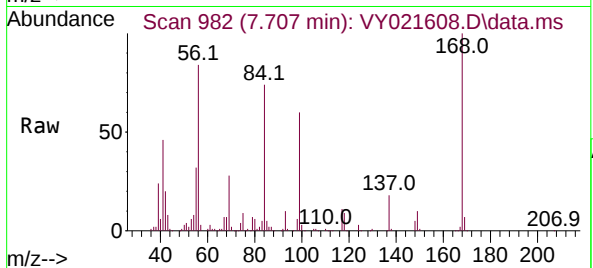
Tgt Ion: 56 Resp: 151769

Ion Ratio Lower Upper

56 100

69 33.1 27.0 40.4

84 85.2 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 54.222 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

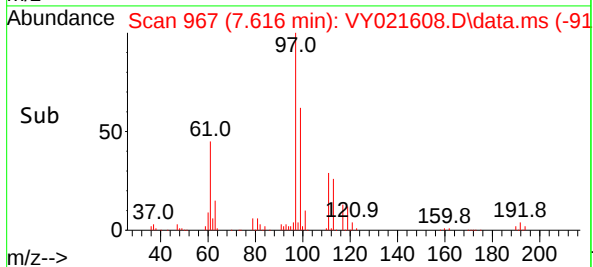
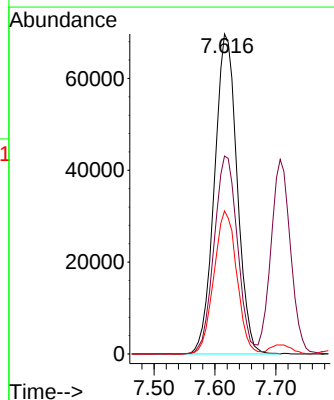
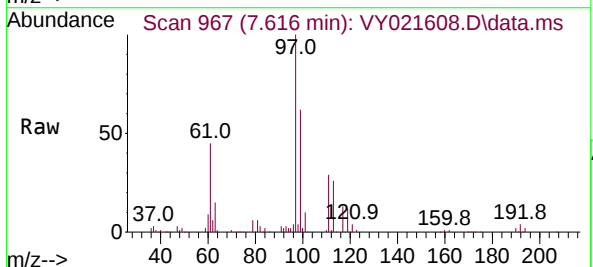
Tgt Ion: 97 Resp: 180118

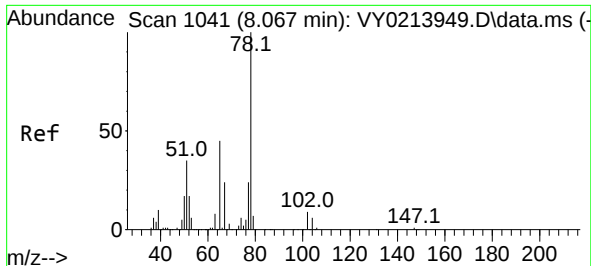
Ion Ratio Lower Upper

97 100

99 64.1 51.7 77.5

61 45.1 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 57.234 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

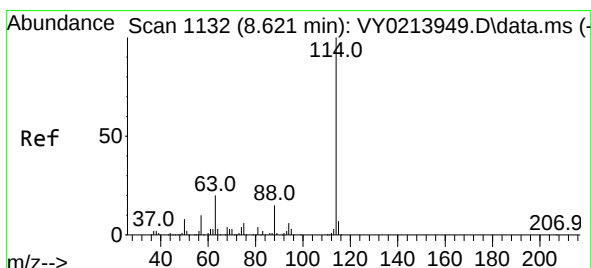
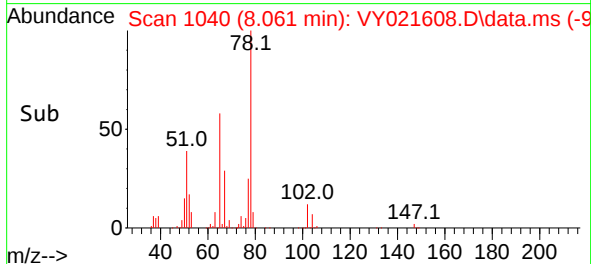
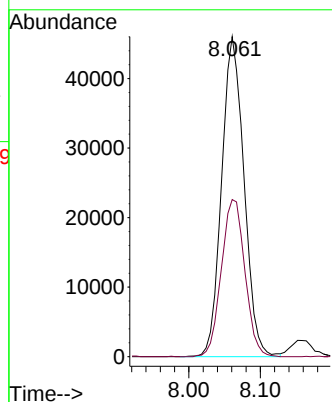
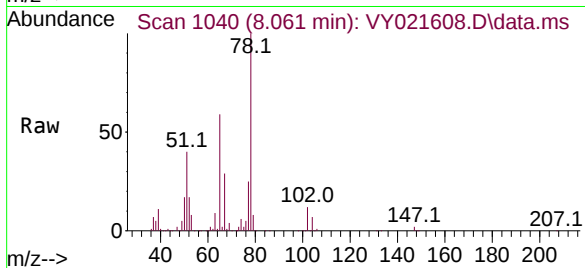
VSTDCCC050EC

Tgt Ion: 65 Resp: 100097

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

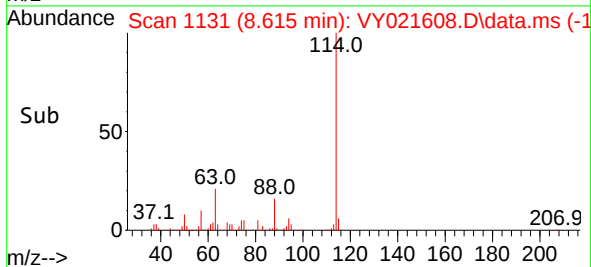
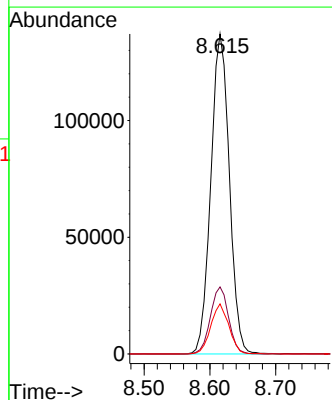
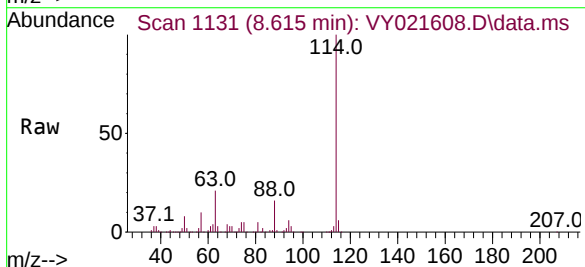
Tgt Ion: 114 Resp: 268727

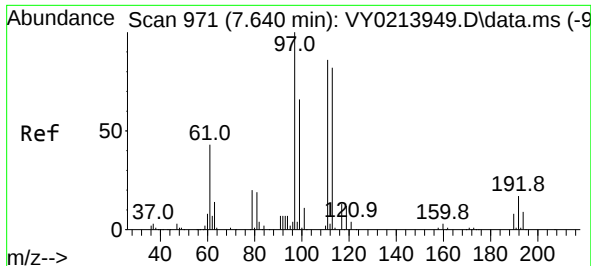
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

88 15.7 0.0 30.8

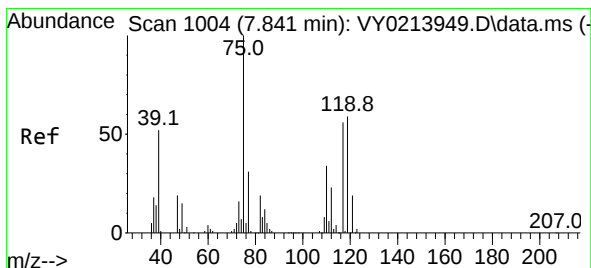
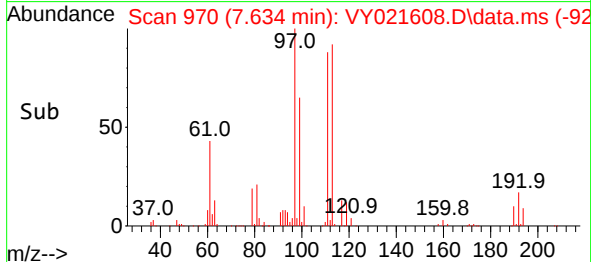
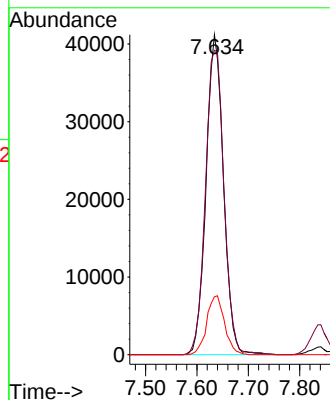
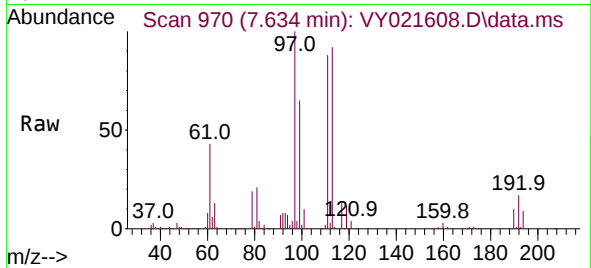




#35
Dibromofluoromethane
Concen: 54.783 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

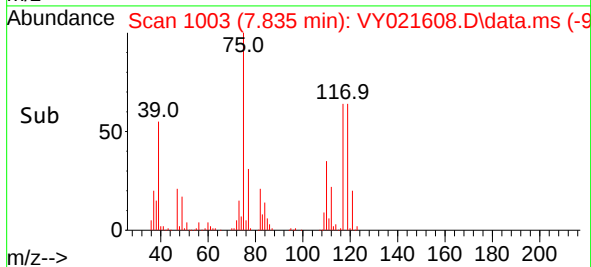
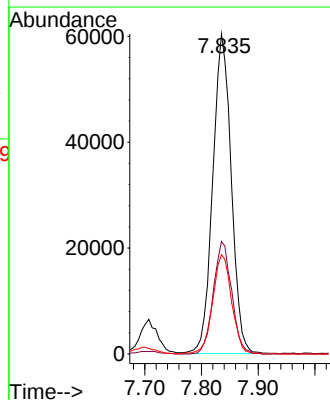
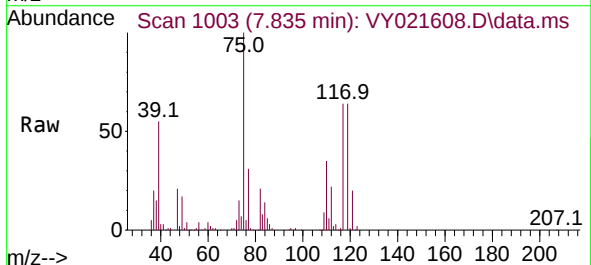
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

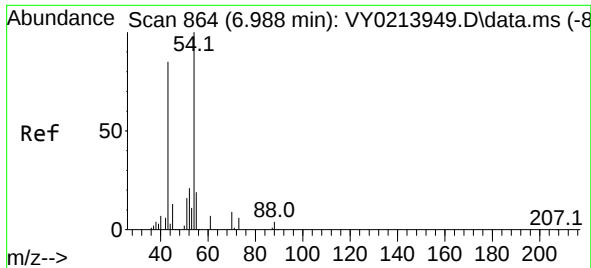
Tgt Ion:113 Resp: 96767
Ion Ratio Lower Upper
113 100
111 101.9 82.0 123.0
192 18.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 49.532 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

Tgt Ion: 75 Resp: 136952
Ion Ratio Lower Upper
75 100
110 34.8 17.3 51.7
77 31.7 25.4 38.2





#37

Ethyl Acetate

Concen: 55.359 ug/l

RT: 6.982 min Scan# 81

Delta R.T. -0.006 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

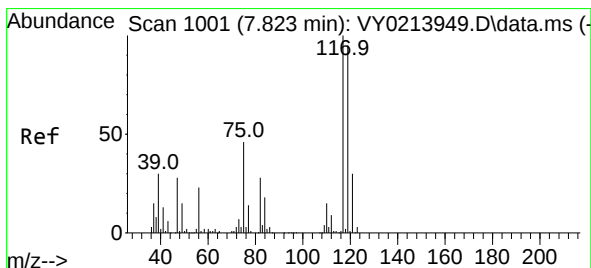
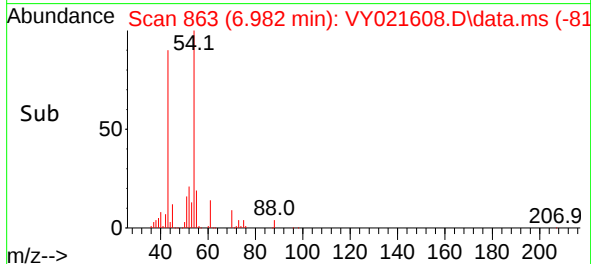
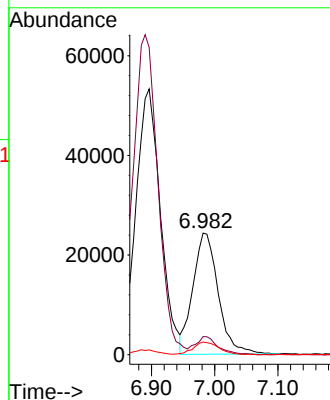
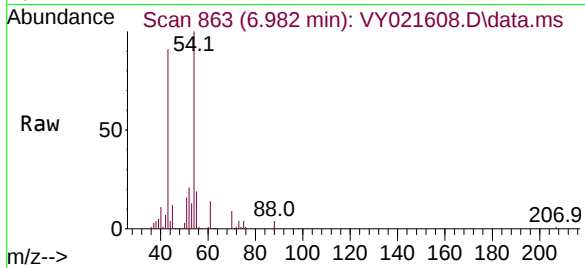
Tgt Ion: 43 Resp: 67653

Ion Ratio Lower Upper

43 100

61 13.3 11.4 17.0

70 10.7 8.2 12.2



#38

Carbon Tetrachloride

Concen: 50.263 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

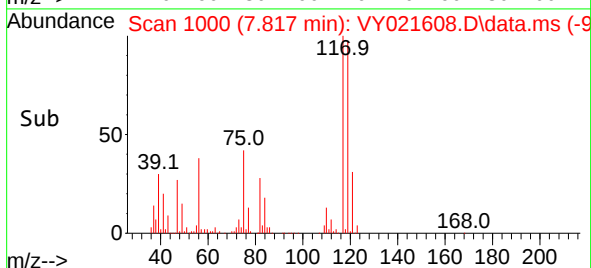
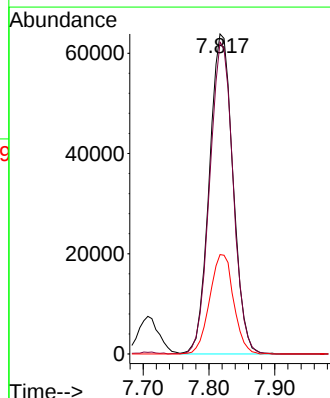
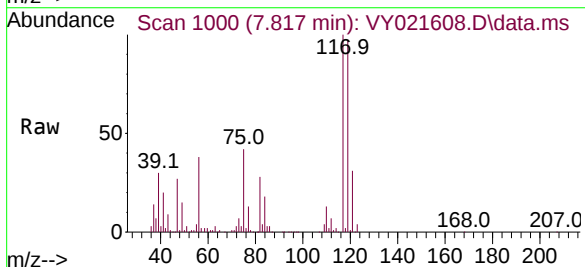
Tgt Ion: 117 Resp: 159831

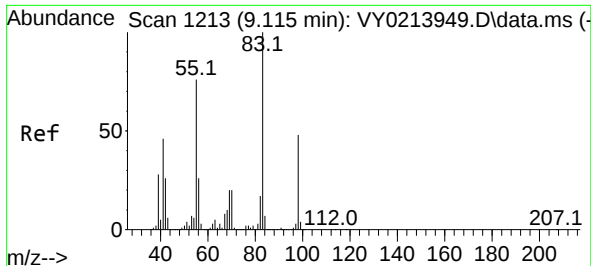
Ion Ratio Lower Upper

117 100

119 97.5 75.8 113.8

121 31.1 23.9 35.9

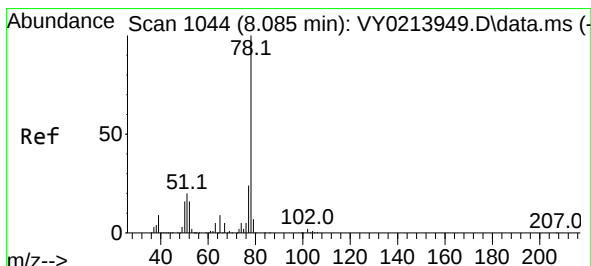
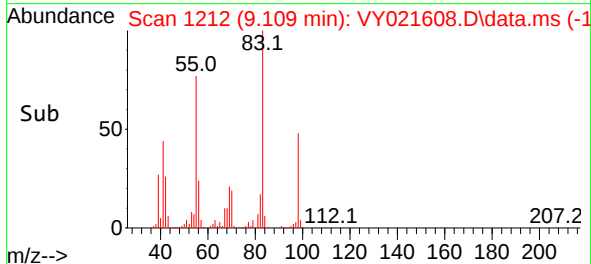
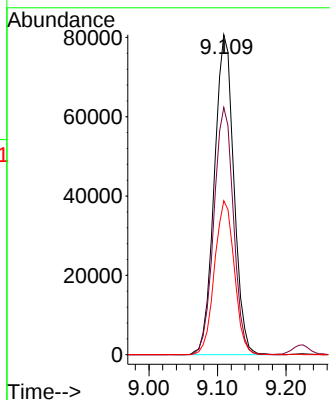
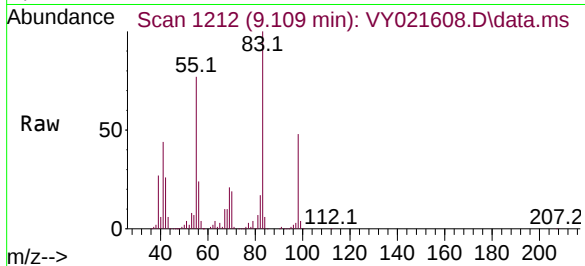




#39
Methylcyclohexane
Concen: 47.026 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

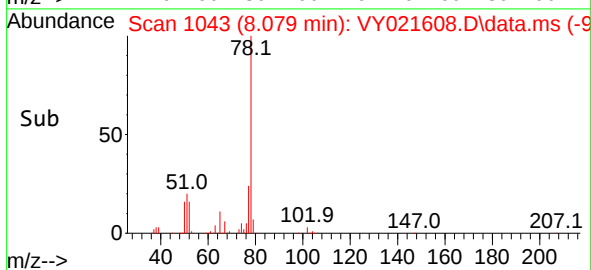
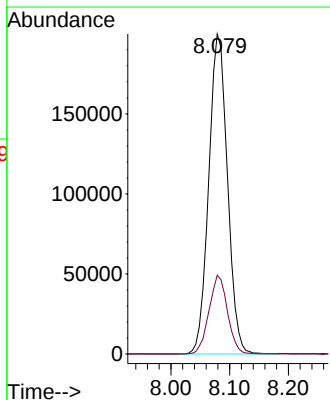
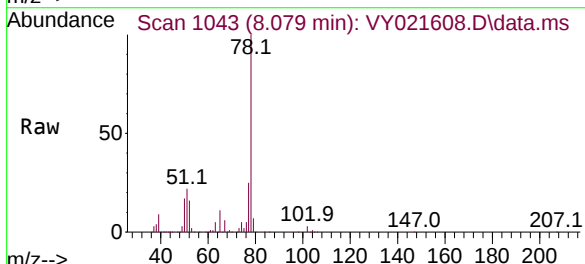
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

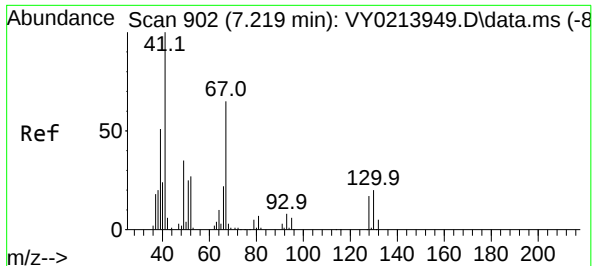
Tgt Ion: 83 Resp: 159491
Ion Ratio Lower Upper
83 100
55 77.2 60.7 91.1
98 48.1 38.6 57.8



#40
Benzene
Concen: 54.304 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

Tgt Ion: 78 Resp: 442305
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.4

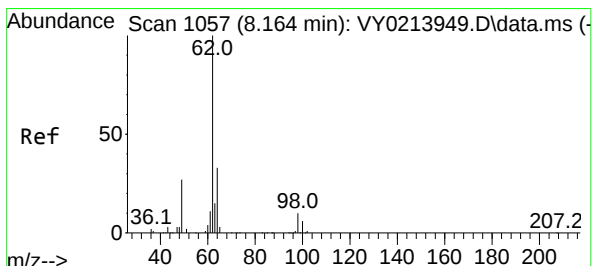
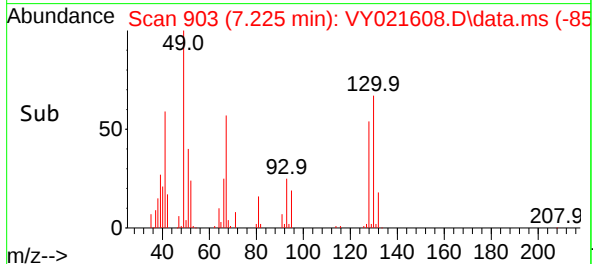
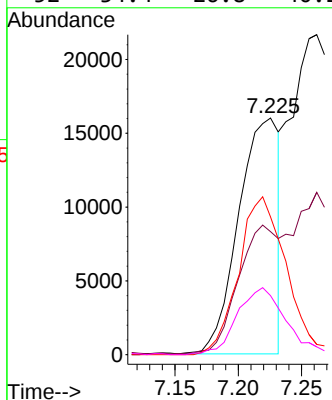
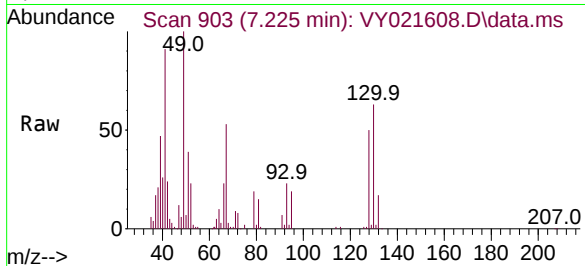




#41
Methacrylonitrile
Concen: 53.488 ug/l
RT: 7.225 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

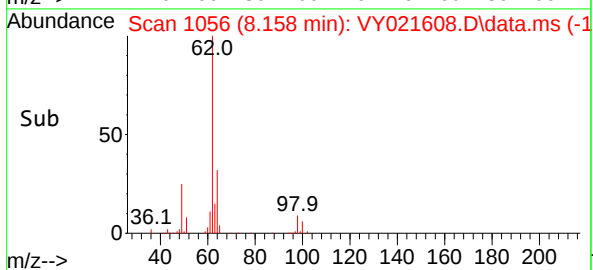
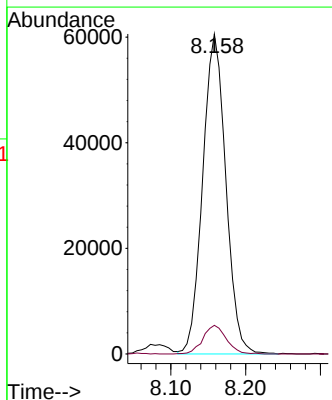
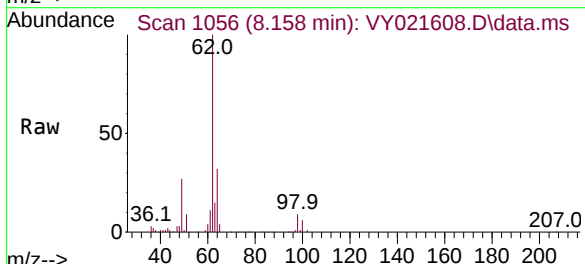
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

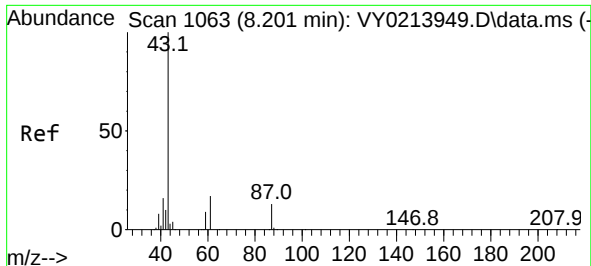
Tgt Ion: 41 Resp: 35592
Ion Ratio Lower Upper
41 100
39 53.3 35.0 52.6#
67 79.6 61.2 91.8
52 34.4 26.8 40.2



#42
1,2-Dichloroethane
Concen: 57.130 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

Tgt Ion: 62 Resp: 130175
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.2

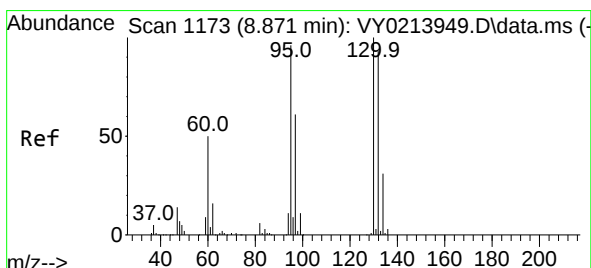
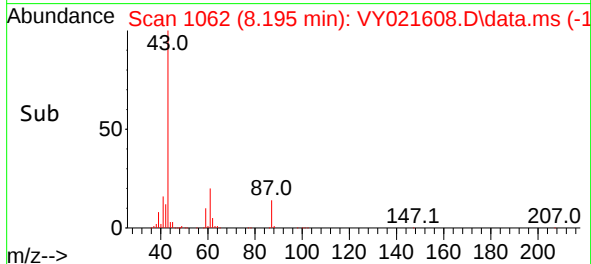
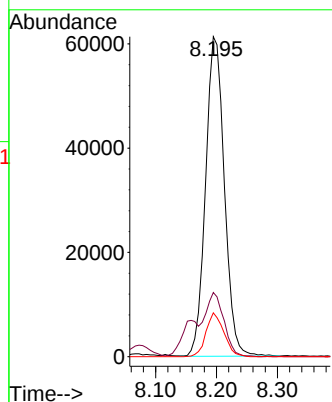
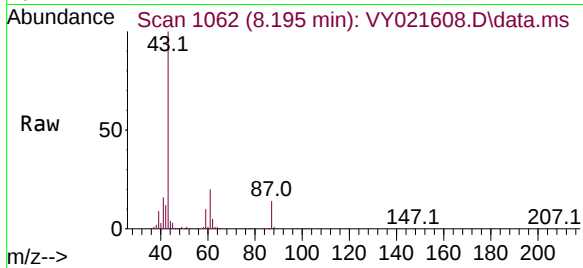




#43
Isopropyl Acetate
Concen: 55.466 ug/l
RT: 8.195 min Scan# 110
Delta R.T. -0.006 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

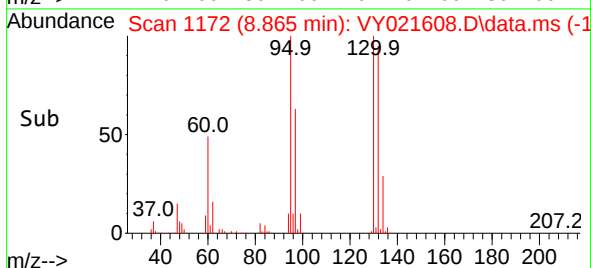
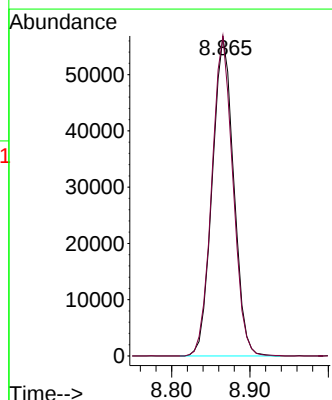
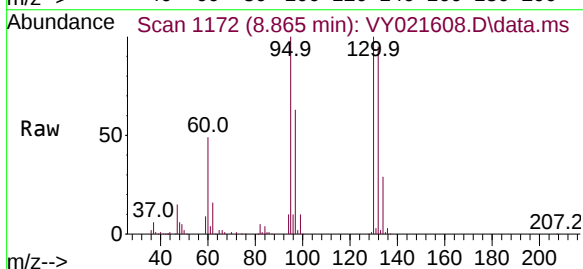
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 131585
Ion Ratio Lower Upper
43 100
61 20.2 23.4 35.0#
87 13.1 10.5 15.7



#44
Trichloroethene
Concen: 52.246 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

Tgt Ion:130 Resp: 107533
Ion Ratio Lower Upper
130 100
95 100.5 0.0 191.6





#45

1,2-Dichloropropane

Concen: 57.371 ug/l

RT: 9.140 min Scan# 1112

Delta R.T. -0.006 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

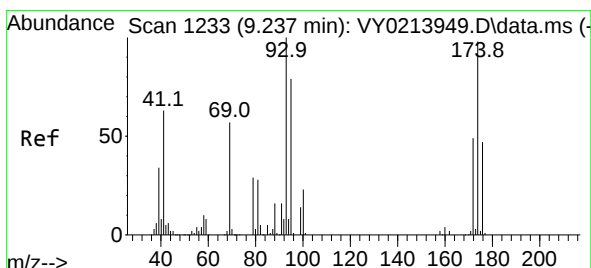
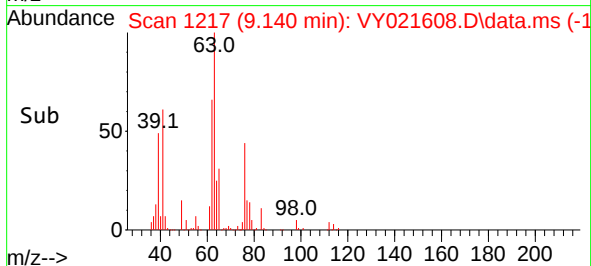
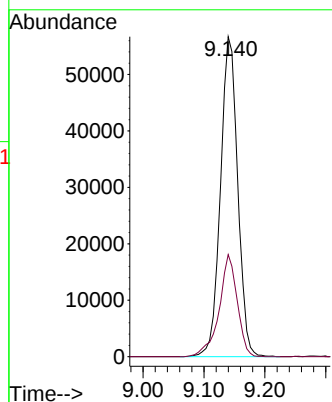
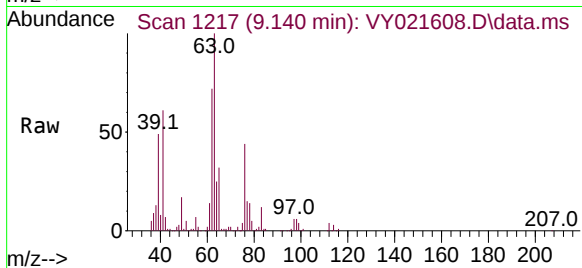
VSTDCCC050EC

Tgt Ion: 63 Resp: 111214

Ion Ratio Lower Upper

63 100

65 31.9 26.0 39.0



#46

Dibromomethane

Concen: 57.297 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

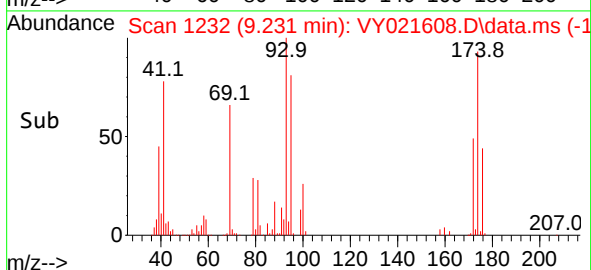
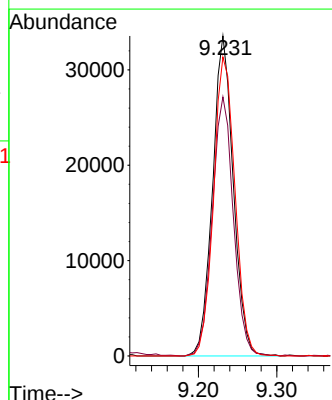
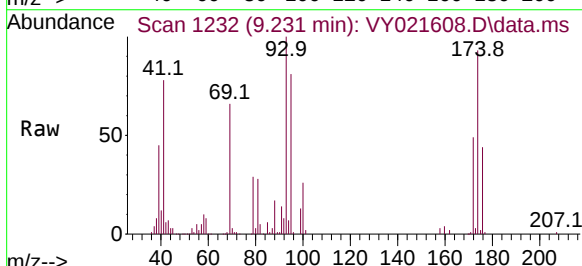
Tgt Ion: 93 Resp: 61800

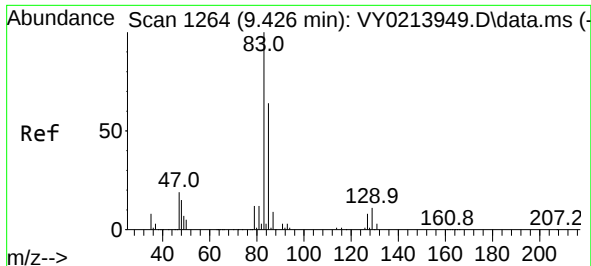
Ion Ratio Lower Upper

93 100

95 82.5 65.8 98.8

174 96.5 77.9 116.9

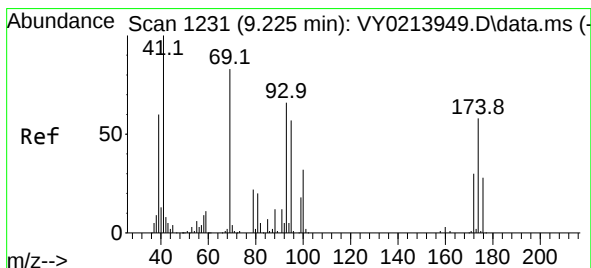
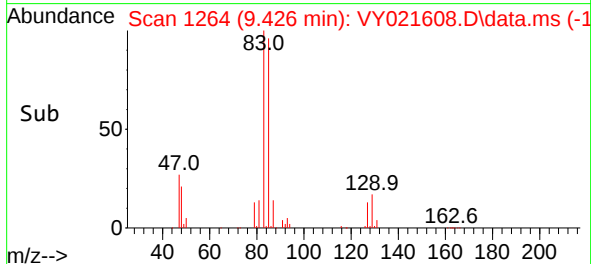
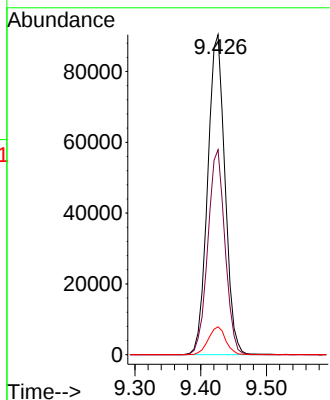
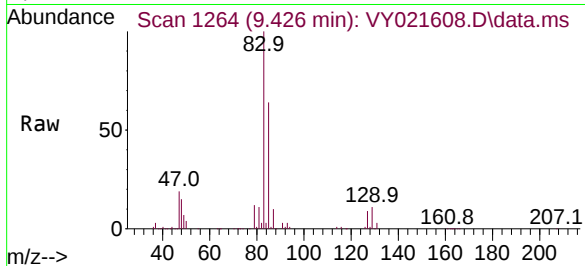




#47
Bromodichloromethane
Concen: 57.744 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

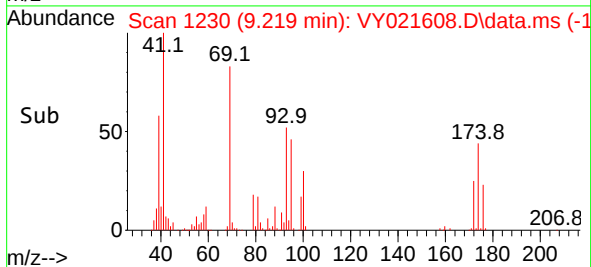
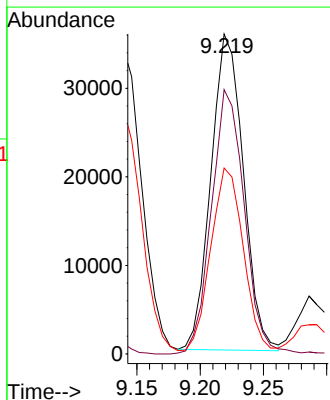
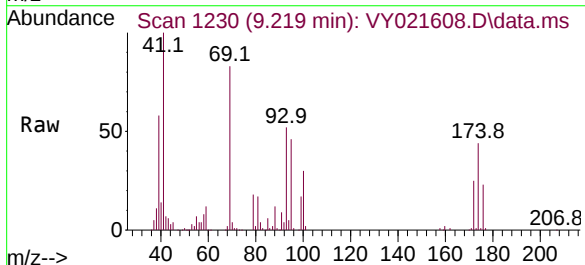
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

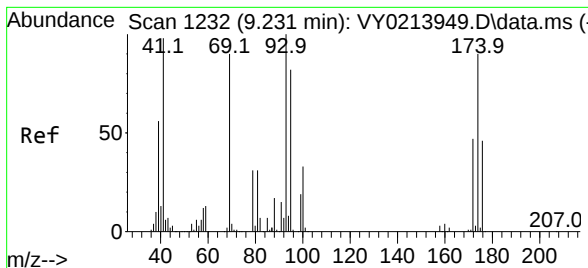
Tgt Ion: 83 Resp: 165401
Ion Ratio Lower Upper
83 100
85 64.1 51.1 76.7
127 8.7 6.7 10.1



#48
Methyl methacrylate
Concen: 58.317 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

Tgt Ion: 41 Resp: 63529
Ion Ratio Lower Upper
41 100
69 85.3 67.8 101.8
39 60.1 46.4 69.6

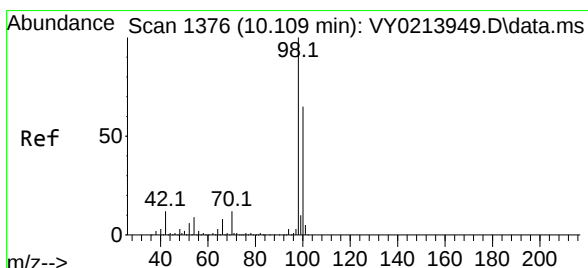
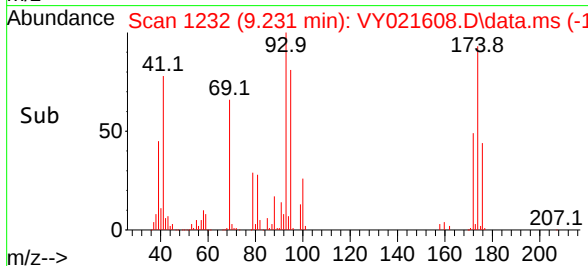
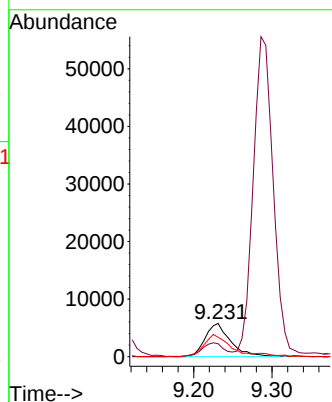
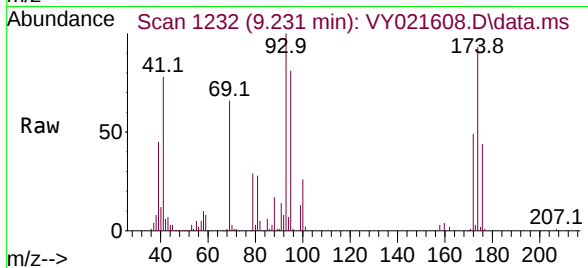




#49
1,4-Dioxane
Concen: 1226.058 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

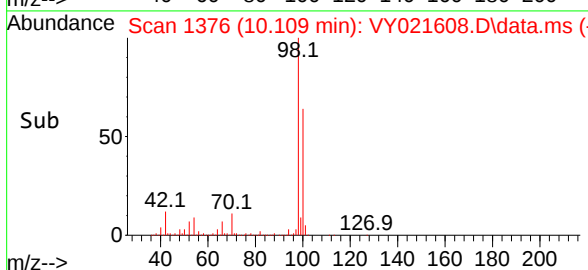
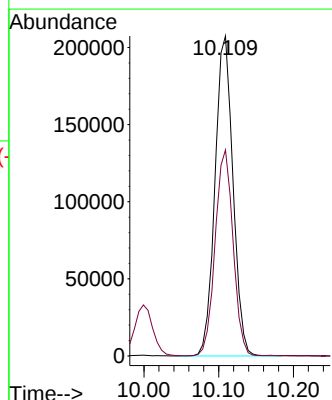
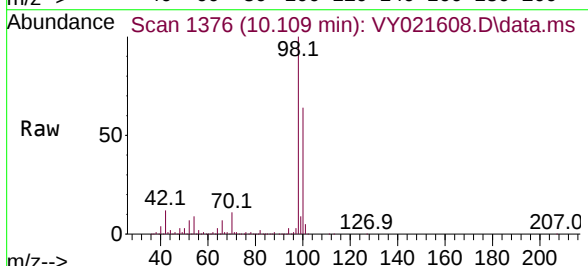
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

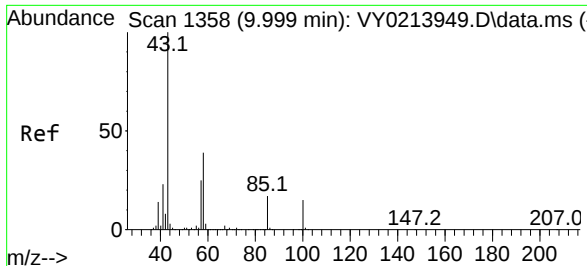
Tgt Ion: 88 Resp: 12980
Ion Ratio Lower Upper
88 100
43 35.9 25.0 37.4
58 66.4 58.4 87.6



#50
Toluene-d8
Concen: 51.847 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

Tgt Ion: 98 Resp: 346755
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1

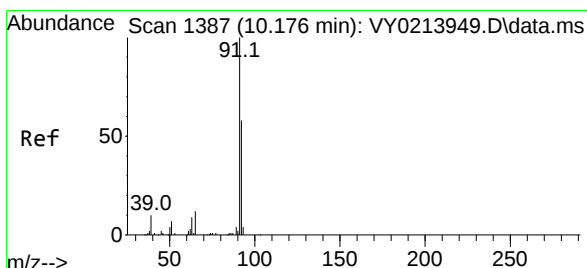
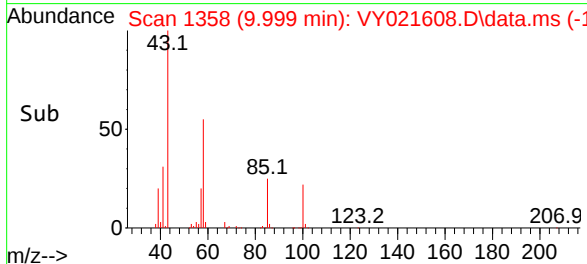
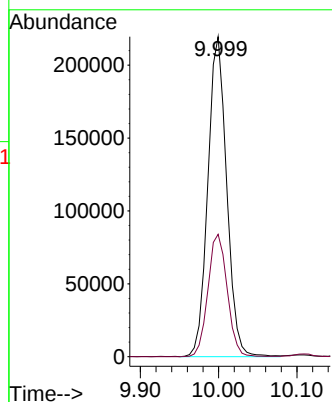
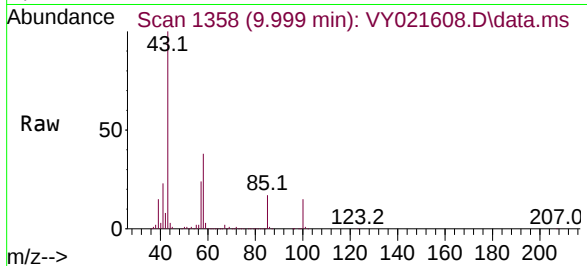




#51
4-Methyl-2-Pentanone
Concen: 299.252 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

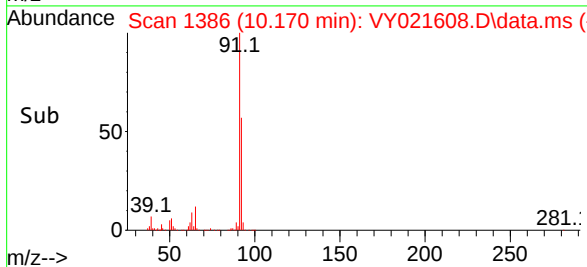
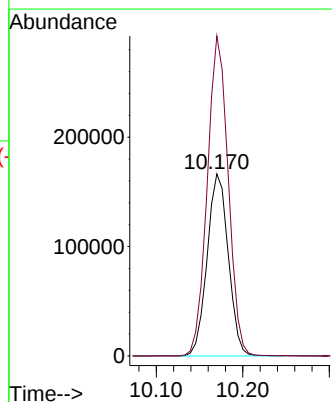
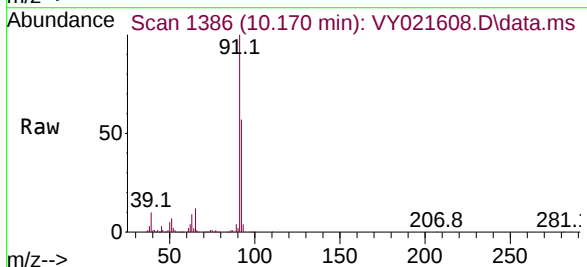
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

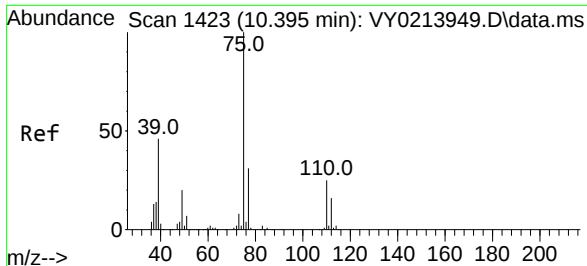
Tgt Ion: 43 Resp: 366300
Ion Ratio Lower Upper
43 100
58 39.2 31.4 47.2



#52
Toluene
Concen: 54.998 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

Tgt Ion: 92 Resp: 282414
Ion Ratio Lower Upper
92 100
91 173.9 138.2 207.2

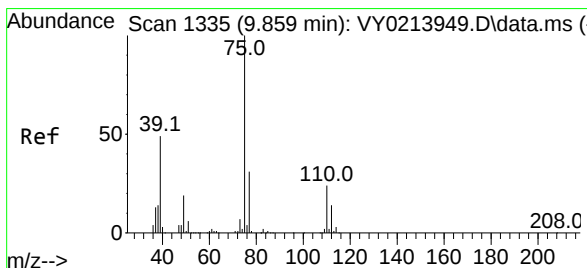
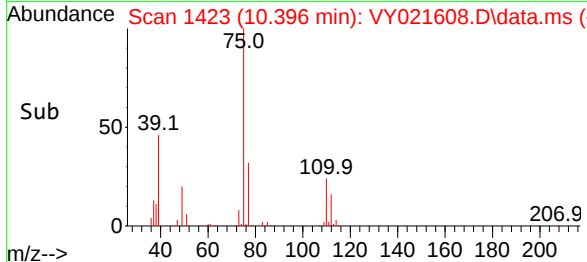
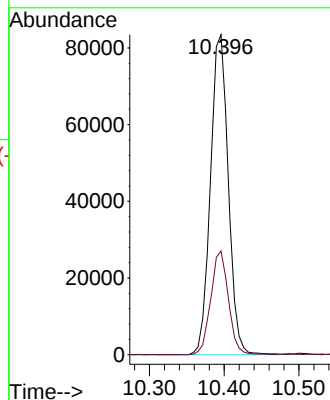
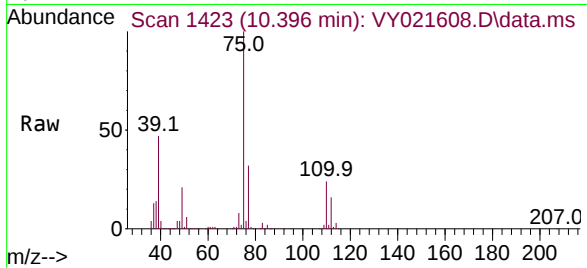




#53
 t-1,3-Dichloropropene
 Concen: 54.916 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY021608.D
 Acq: 21 Mar 2025 18:32

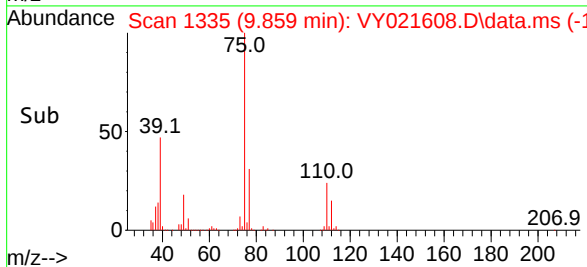
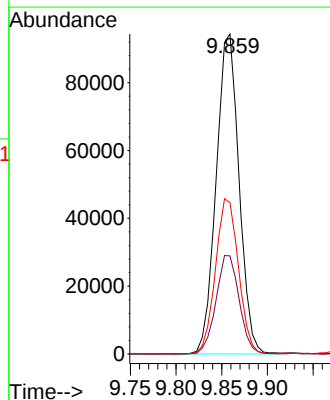
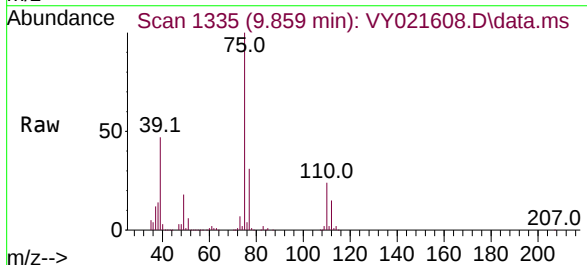
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

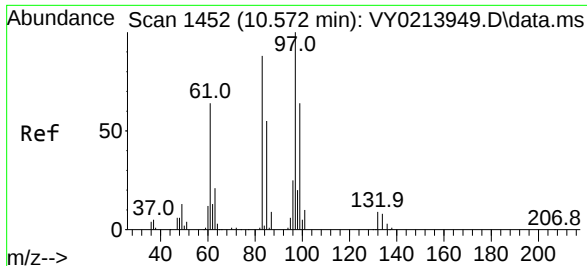
Tgt Ion: 75 Resp: 138585
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 54.911 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY021608.D
 Acq: 21 Mar 2025 18:32

Tgt Ion: 75 Resp: 164523
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.6 37.0
 39 47.2 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 57.867 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 81645

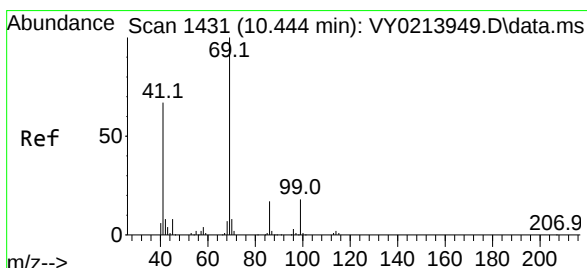
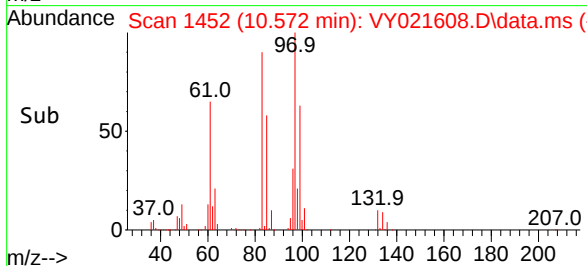
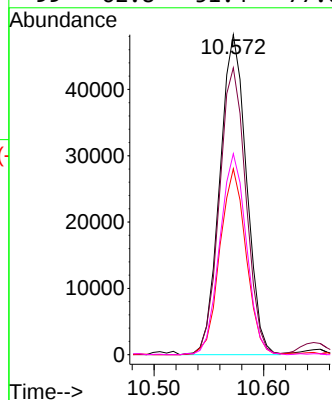
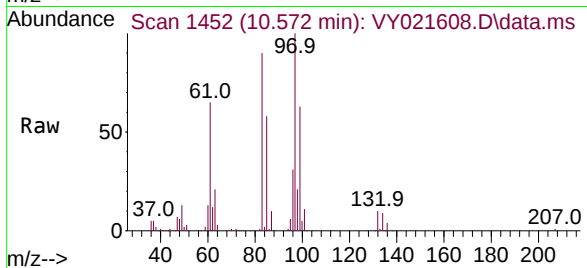
Ion Ratio Lower Upper

97 100

83 89.7 70.0 105.0

85 58.1 44.3 66.5

99 62.8 51.4 77.0



#56

Ethyl methacrylate

Concen: 59.783 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

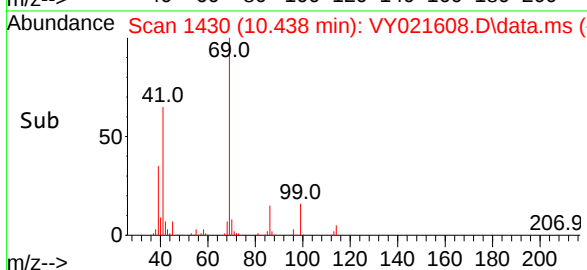
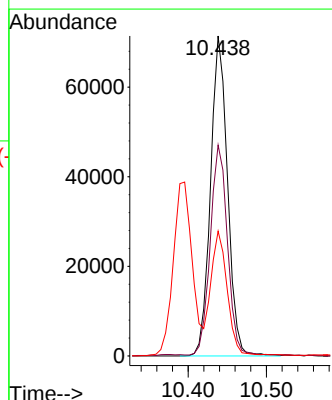
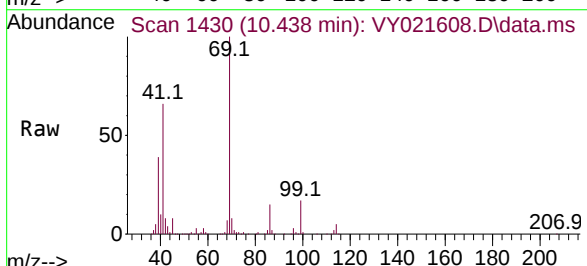
Tgt Ion: 69 Resp: 107575

Ion Ratio Lower Upper

69 100

41 67.1 53.3 79.9

39 36.4 31.0 46.6





#57

1,3-Dichloropropane

Concen: 57.725 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

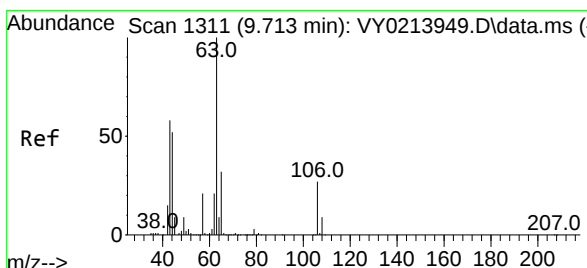
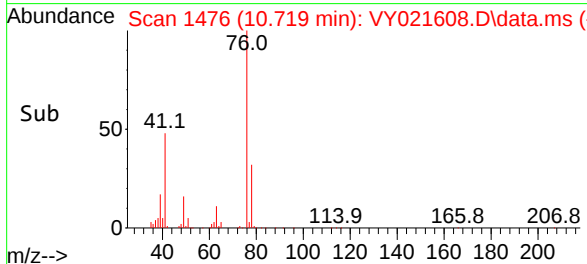
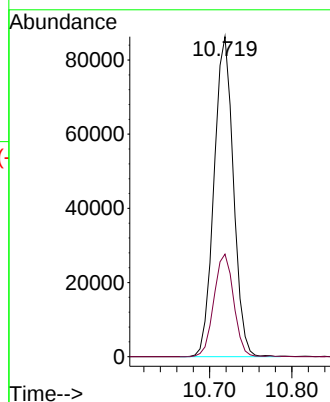
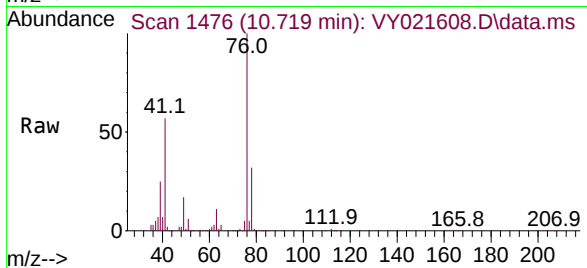
VSTDCCC050EC

Tgt Ion: 76 Resp: 141158

Ion Ratio Lower Upper

76 100

78 32.6 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 340.199 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021608.D

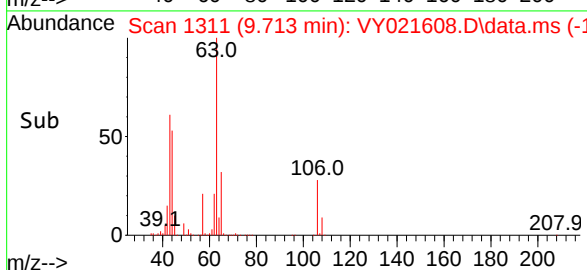
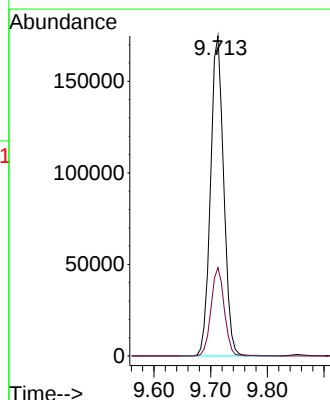
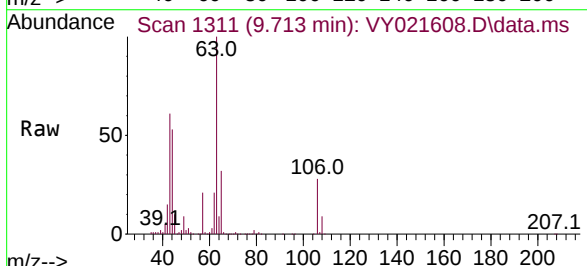
Acq: 21 Mar 2025 18:32

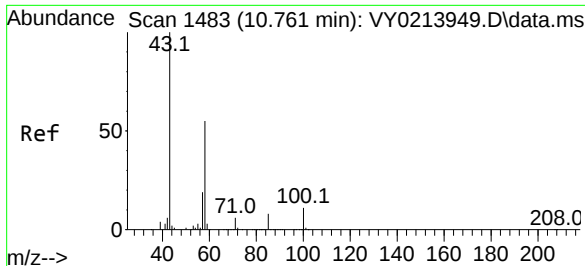
Tgt Ion: 63 Resp: 282587

Ion Ratio Lower Upper

63 100

106 27.6 22.1 33.1

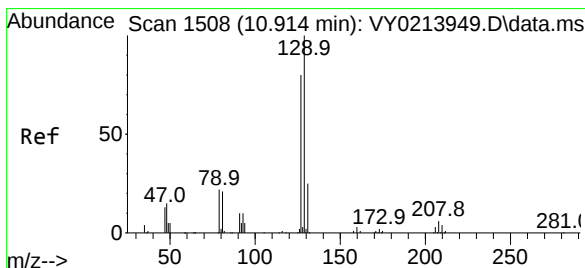
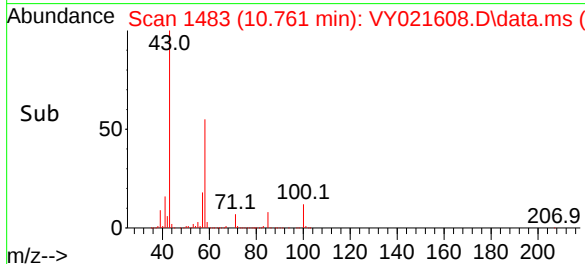
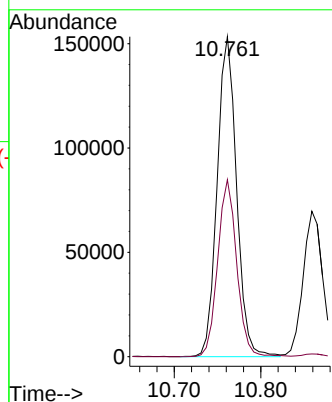
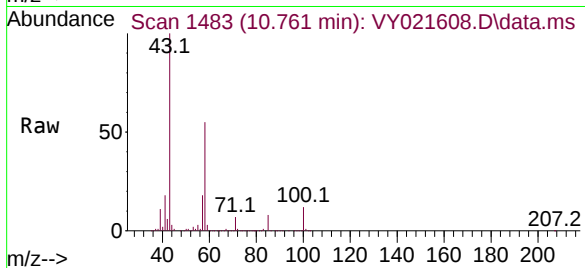




#59
2-Hexanone
Concen: 295.026 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

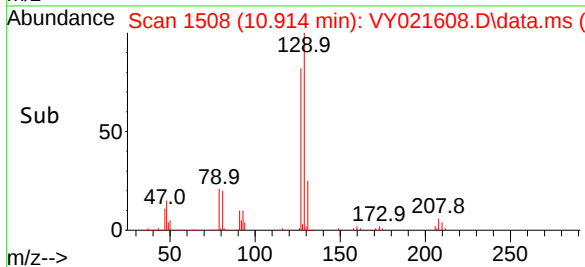
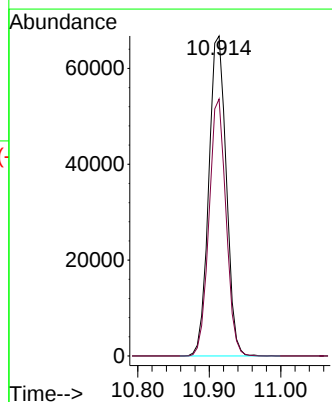
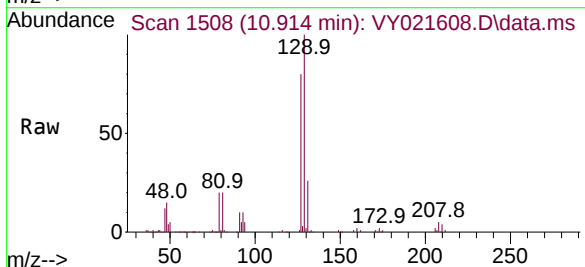
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

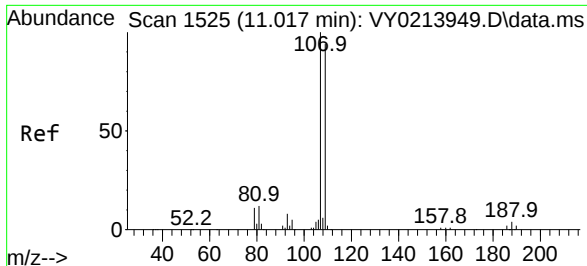
Tgt Ion: 43 Resp: 238786
Ion Ratio Lower Upper
43 100
58 54.2 27.3 81.8



#60
Dibromochloromethane
Concen: 58.539 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

Tgt Ion: 129 Resp: 113230
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.3

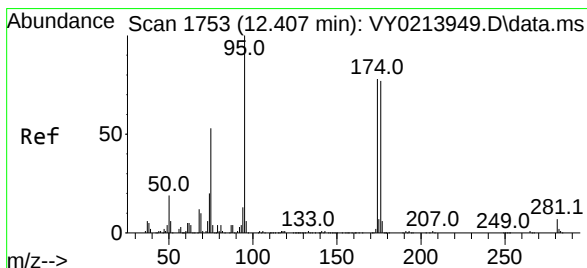
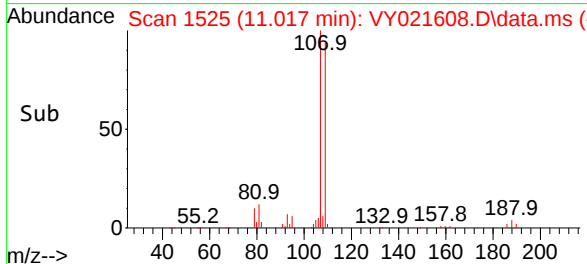
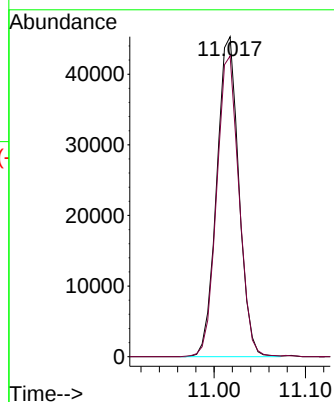
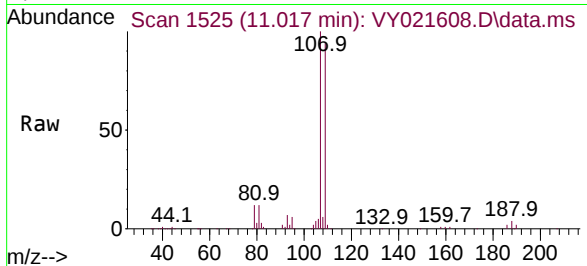




#61
1,2-Dibromoethane
Concen: 57.207 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

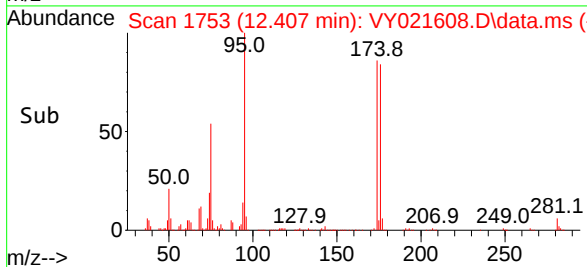
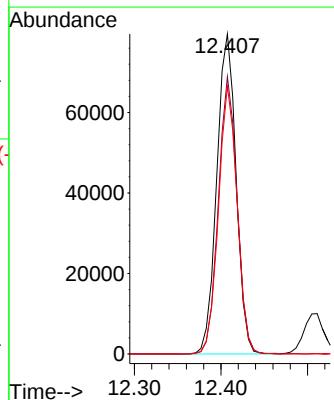
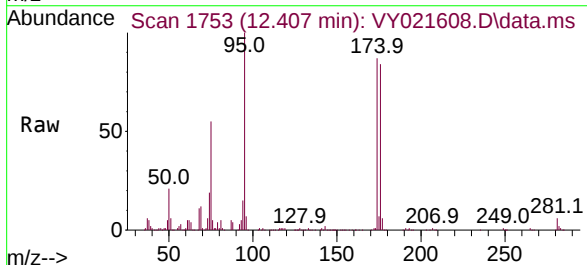
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

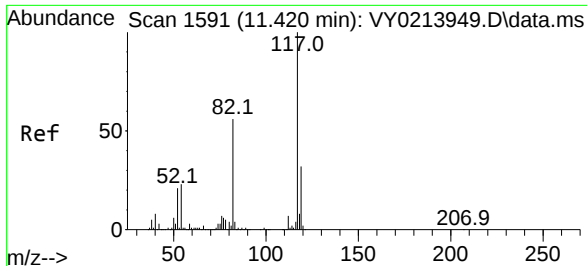
Tgt Ion:107 Resp: 76177
Ion Ratio Lower Upper
107 100
109 94.8 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 54.159 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

Tgt Ion: 95 Resp: 123213
Ion Ratio Lower Upper
95 100
174 83.9 0.0 165.0
176 80.9 0.0 160.0

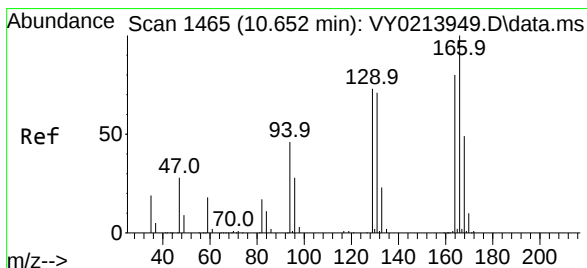
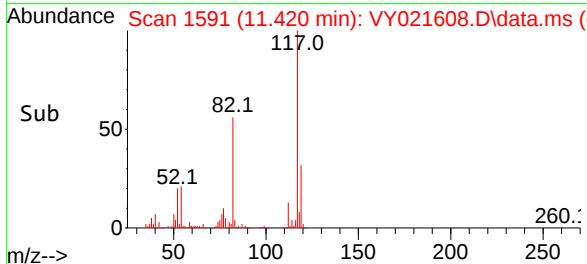
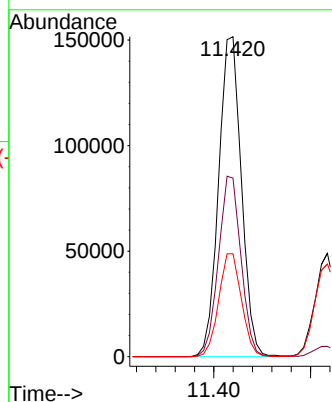
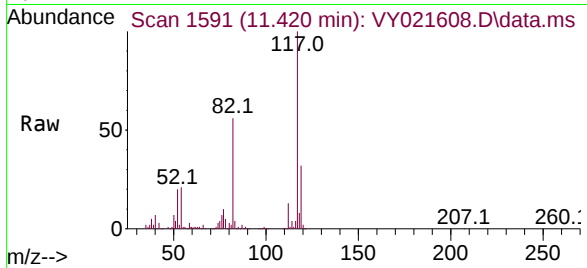




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

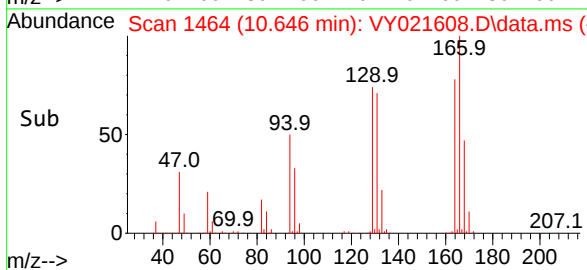
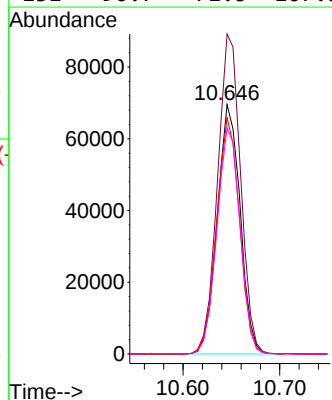
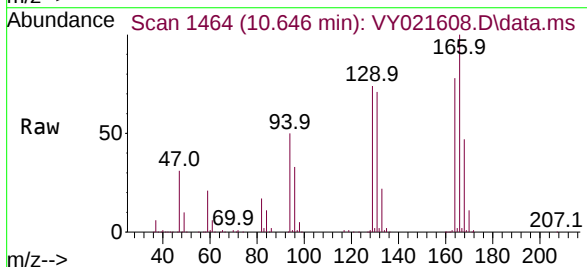
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

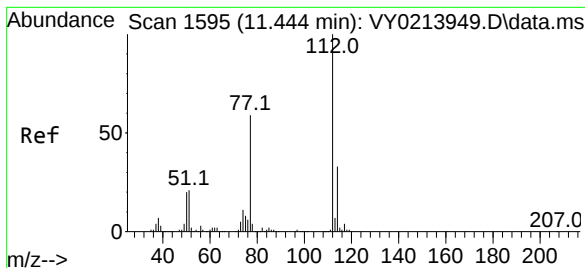
Tgt Ion:117 Resp: 247363
Ion Ratio Lower Upper
117 100
82 55.8 44.6 67.0
119 32.2 25.4 38.0



#64
Tetrachloroethene
Concen: 56.836 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

Tgt Ion:164 Resp: 114323
Ion Ratio Lower Upper
164 100
166 128.4 100.4 150.6
129 94.7 73.8 110.8
131 90.7 71.5 107.3

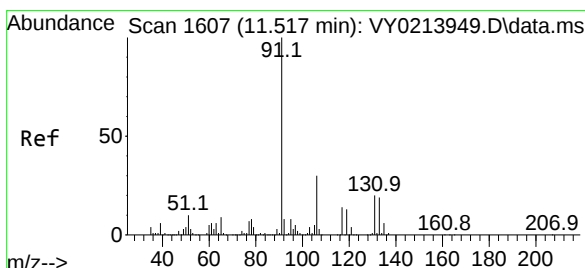
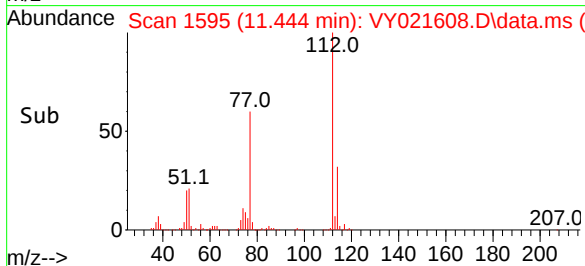
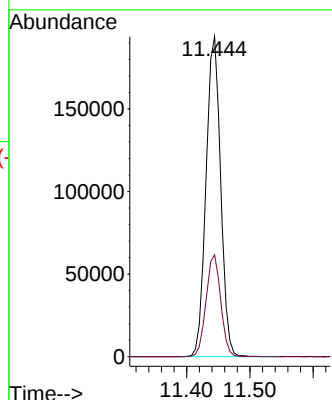
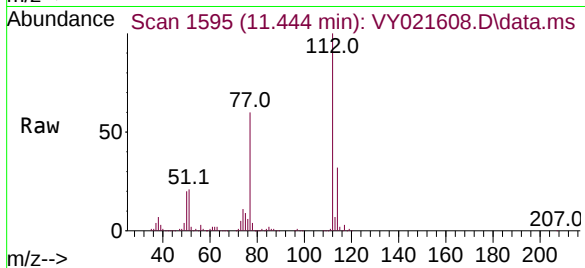




#65
Chlorobenzene
Concen: 53.365 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

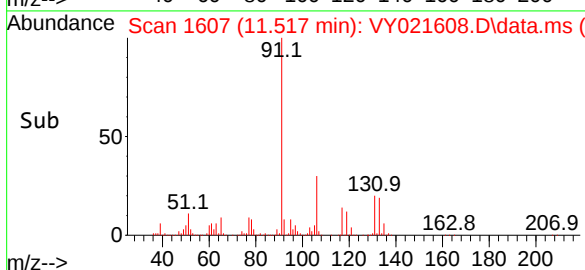
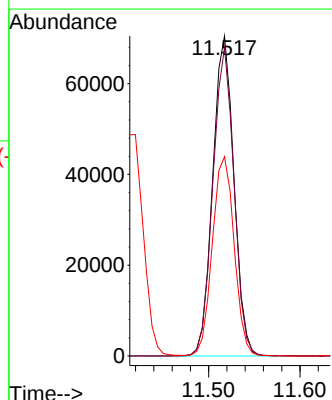
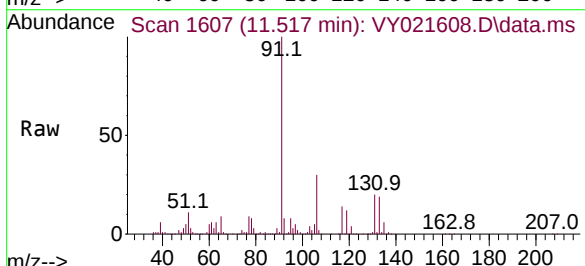
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

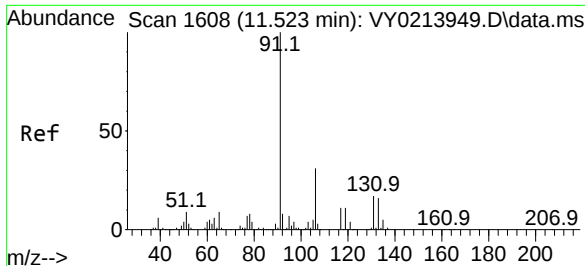
Tgt Ion:112 Resp: 311722
Ion Ratio Lower Upper
112 100
114 31.8 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 55.009 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

Tgt Ion:131 Resp: 113606
Ion Ratio Lower Upper
131 100
133 96.0 47.6 142.9
119 64.1 32.3 96.9

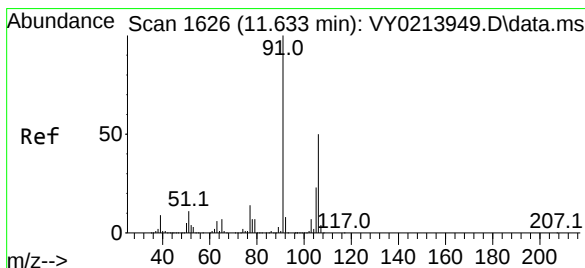
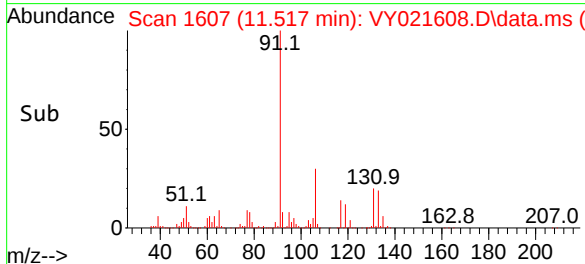
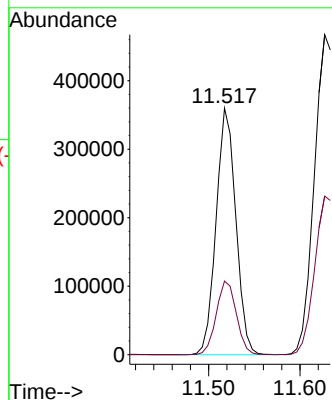
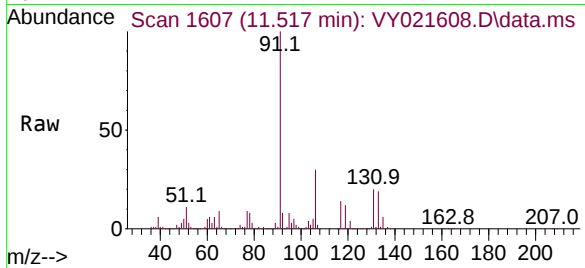




#67
Ethyl Benzene
Concen: 52.641 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

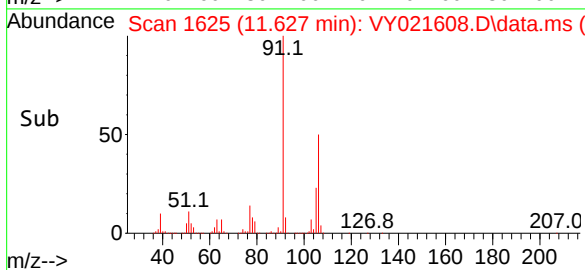
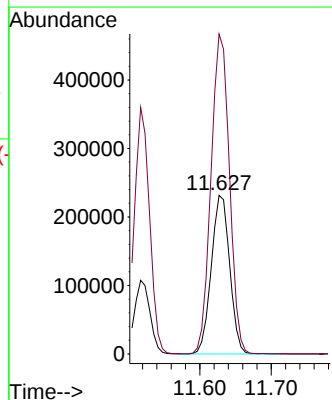
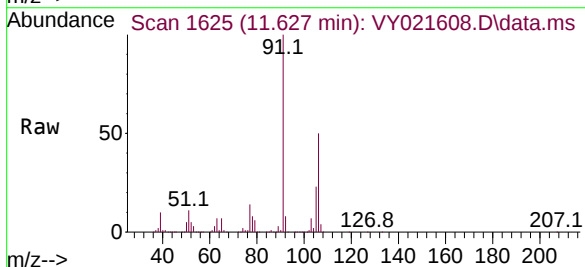
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

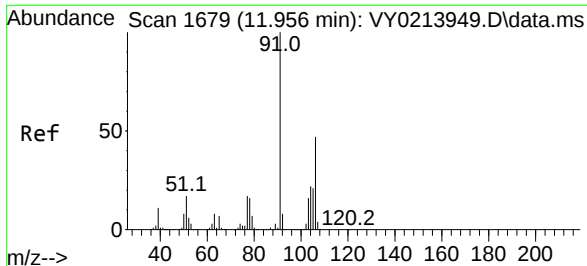
Tgt Ion: 91 Resp: 539719
Ion Ratio Lower Upper
91 100
106 29.8 24.6 36.8



#68
m/p-Xylenes
Concen: 106.217 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

Tgt Ion:106 Resp: 413446
Ion Ratio Lower Upper
106 100
91 202.2 161.7 242.5





#69

o-Xylene

Concen: 54.767 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

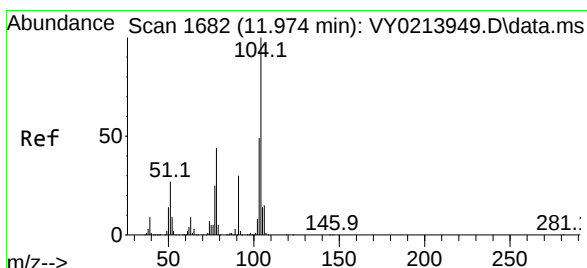
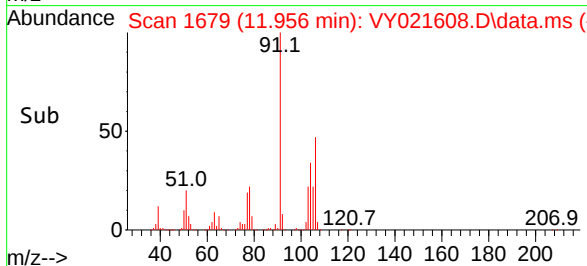
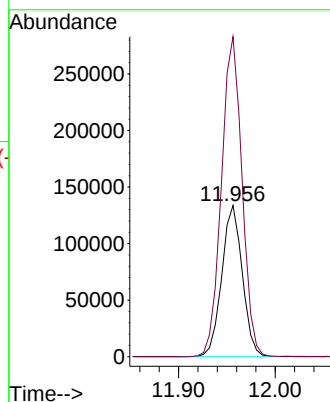
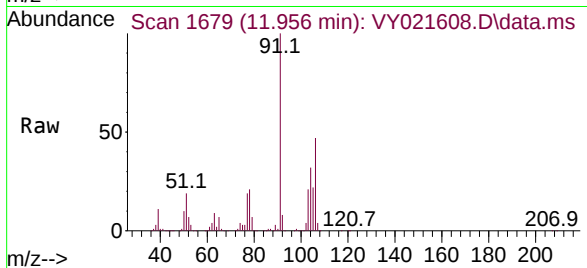
VSTDCCC050EC

Tgt Ion:106 Resp: 196472

Ion Ratio Lower Upper

106 100

91 212.7 107.6 322.8



#70

Styrene

Concen: 57.159 ug/l

RT: 11.968 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

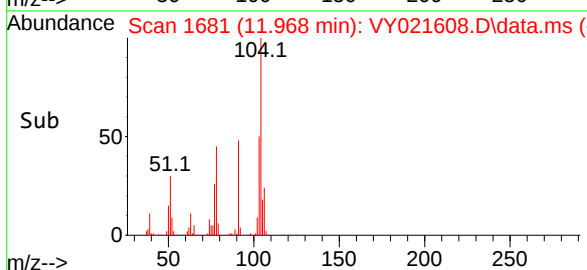
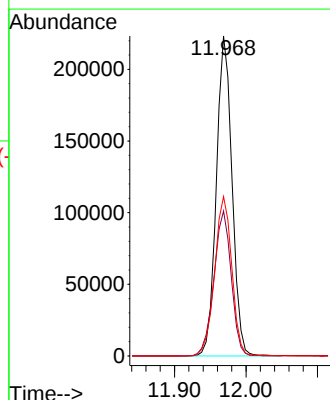
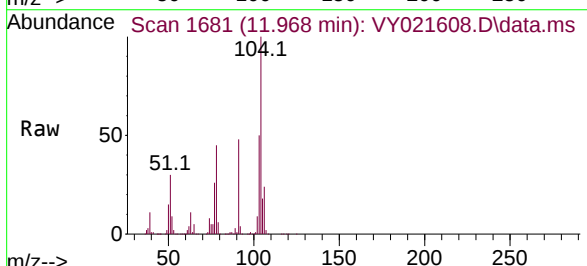
Tgt Ion:104 Resp: 340176

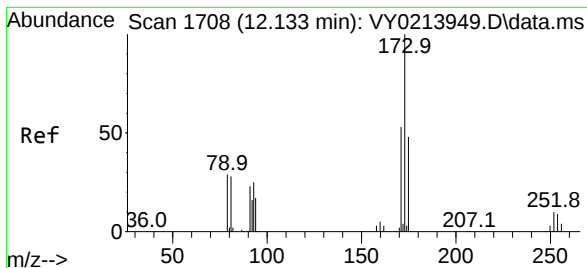
Ion Ratio Lower Upper

104 100

78 50.0 40.7 61.1

103 54.3 44.1 66.1





#71

Bromoform

Concen: 56.403 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

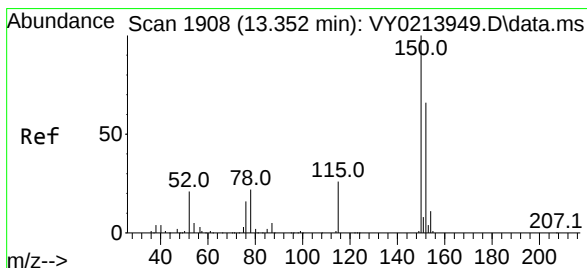
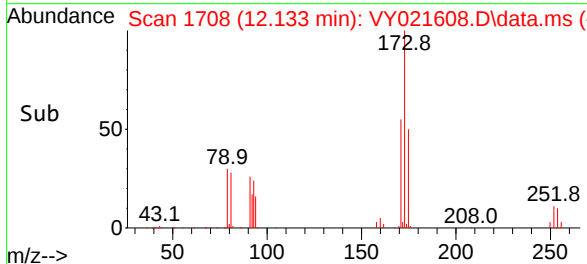
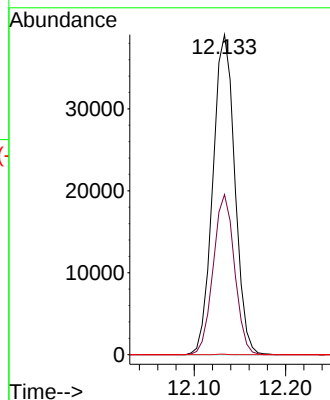
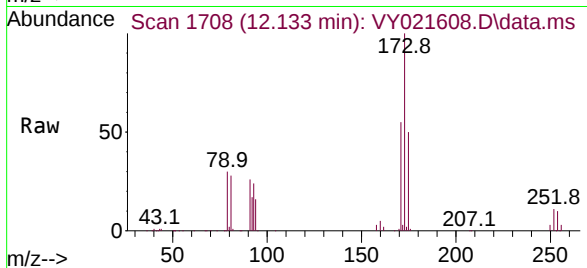
Tgt Ion:173 Resp: 65116

Ion Ratio Lower Upper

173 100

175 48.6 23.9 71.7

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

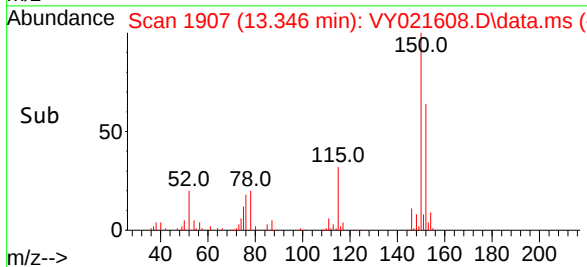
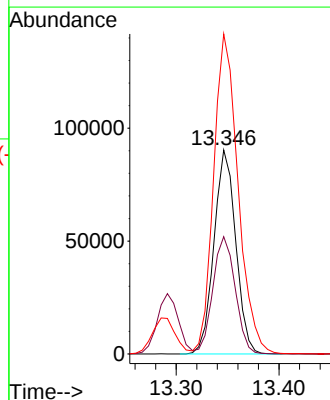
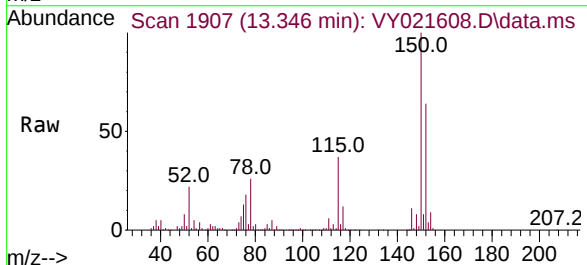
Tgt Ion:152 Resp: 132617

Ion Ratio Lower Upper

152 100

115 59.3 29.0 87.0

150 176.5 0.0 347.2

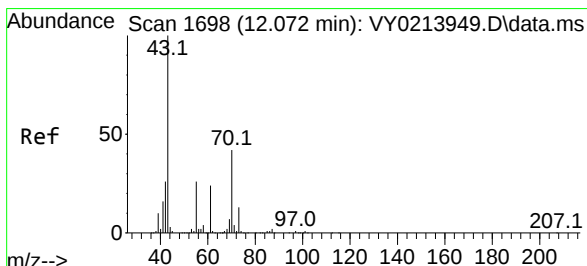
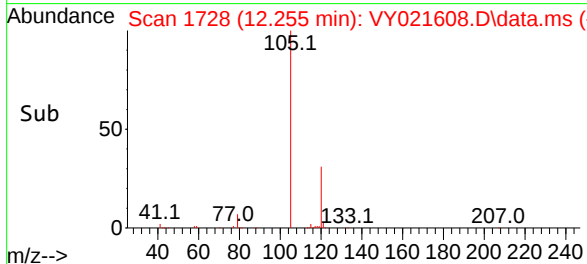
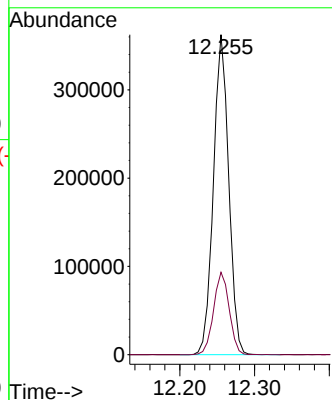
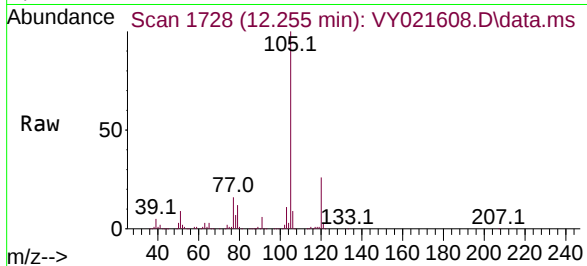




#73
Isopropylbenzene
Concen: 49.320 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

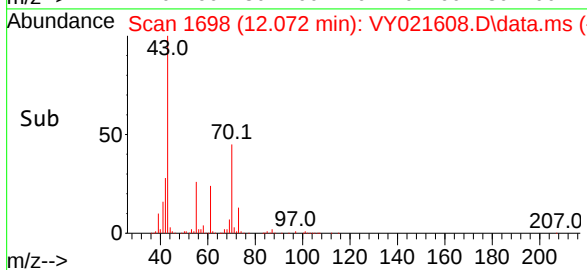
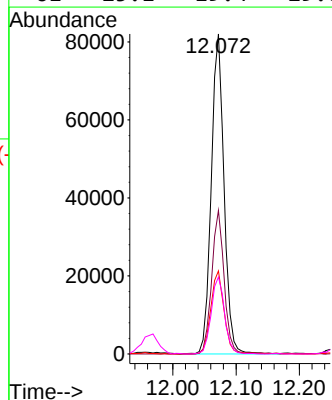
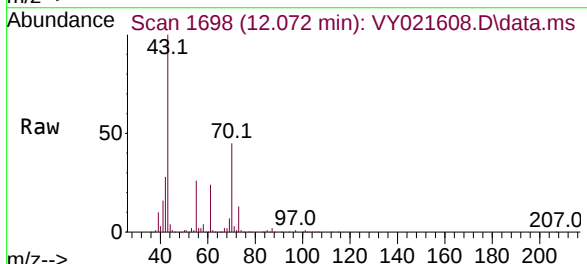
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

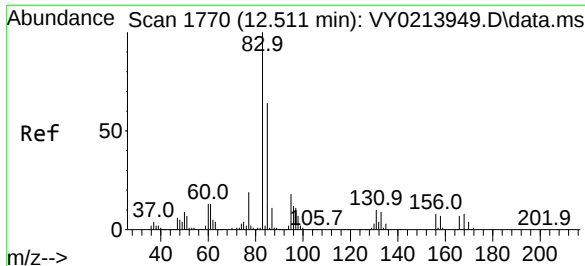
Tgt Ion:105 Resp: 515223
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3



#74
N-ethyl acetate
Concen: 50.831 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

Tgt Ion: 43 Resp: 115322
Ion Ratio Lower Upper
43 100
70 43.6 34.6 51.8
55 27.1 21.1 31.7
61 25.1 19.4 29.0

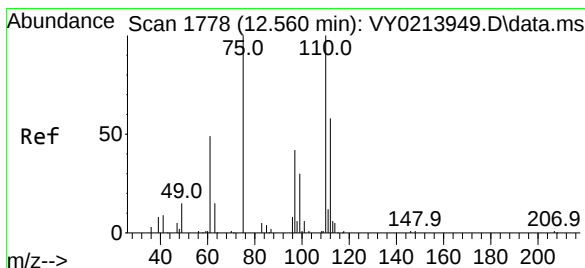
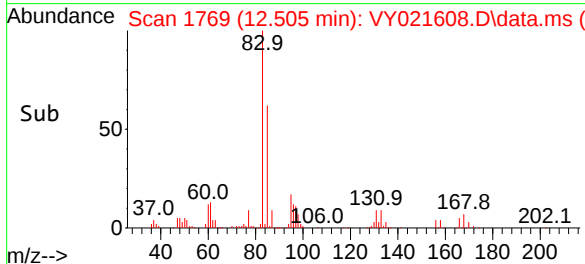
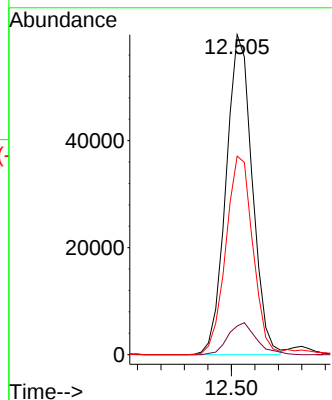
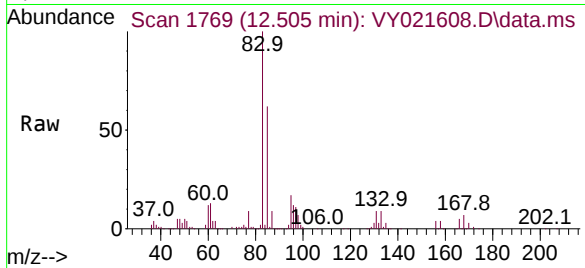




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.234 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021608.D
 Acq: 21 Mar 2025 18:32

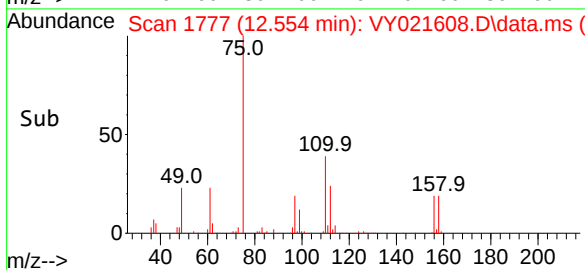
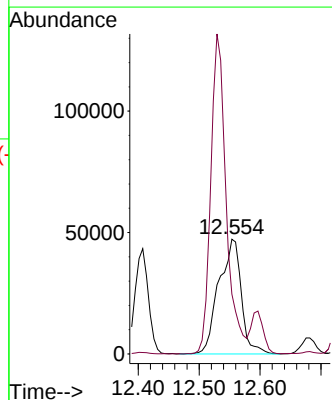
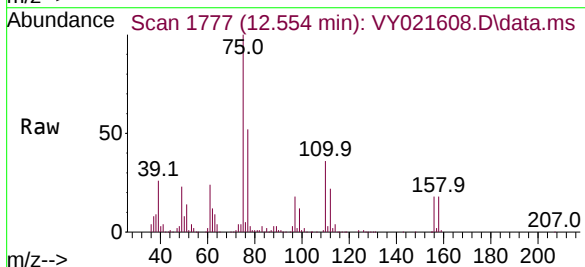
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

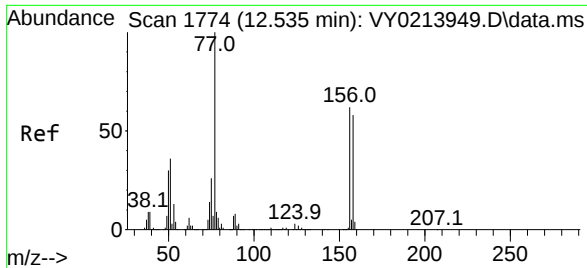
Tgt Ion: 83 Resp: 92604
 Ion Ratio Lower Upper
 83 100
 131 10.8 5.3 16.1
 85 64.1 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 90.643 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY021608.D
 Acq: 21 Mar 2025 18:32

Tgt Ion: 75 Resp: 121132
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

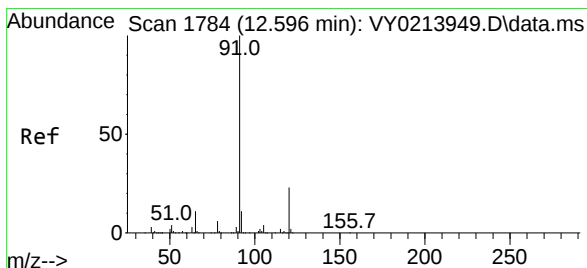
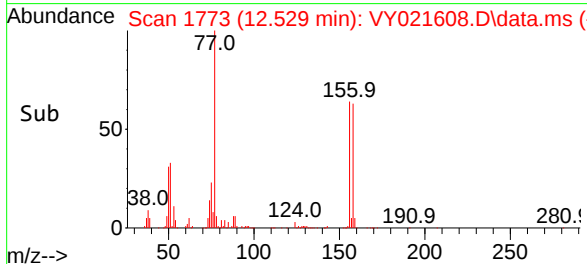
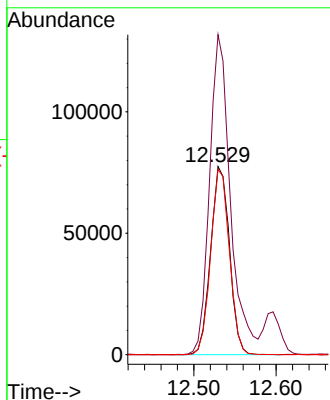
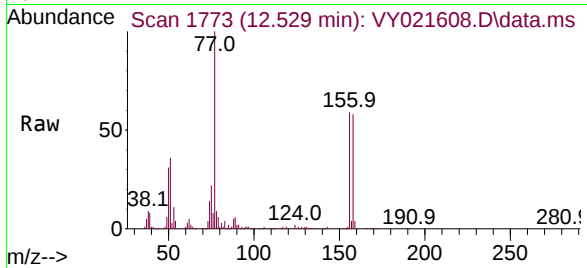




#77
Bromobenzene
Concen: 50.571 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

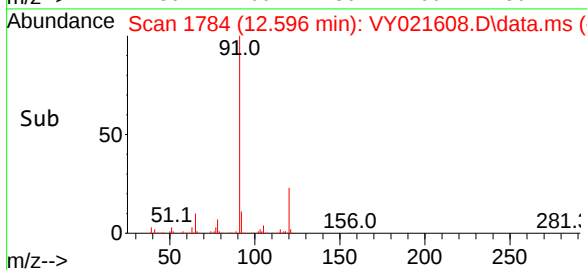
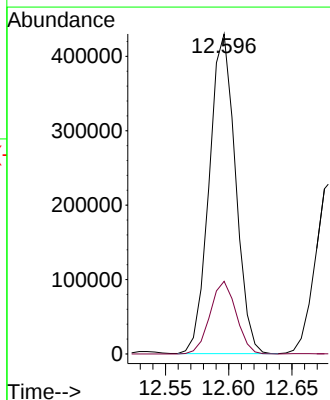
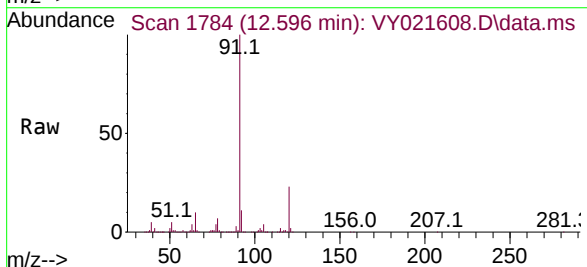
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

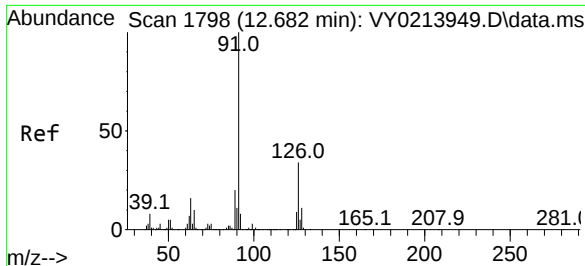
Tgt Ion:156 Resp: 123594
Ion Ratio Lower Upper
156 100
77 188.0 93.6 280.8
158 97.6 48.3 144.8



#78
n-propylbenzene
Concen: 48.869 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

Tgt Ion: 91 Resp: 620007
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8

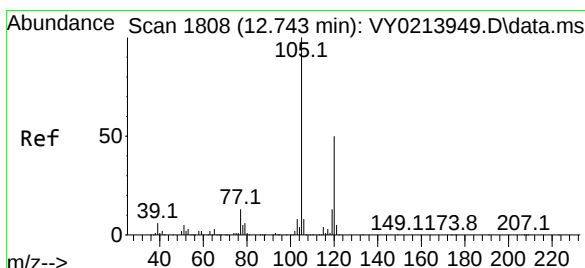
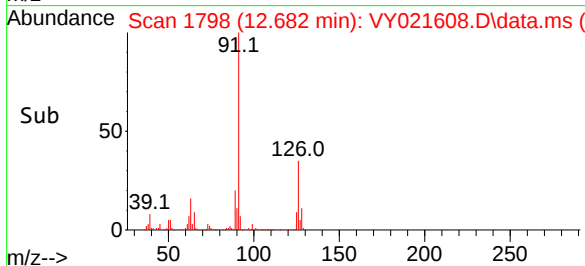
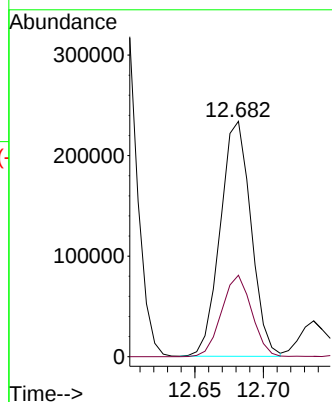
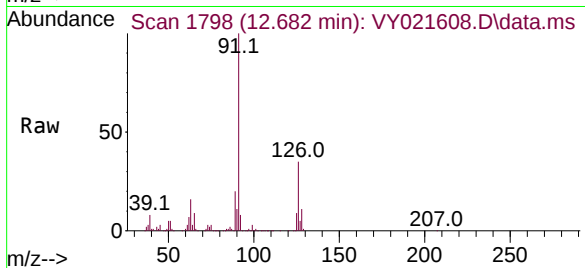




#79
2-Chlorotoluene
Concen: 50.389 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

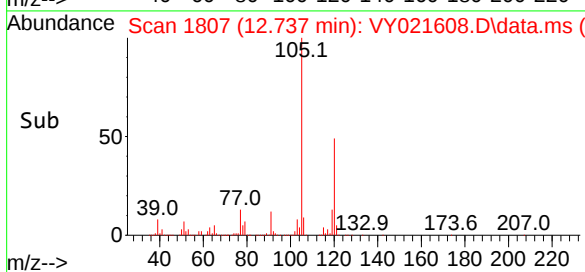
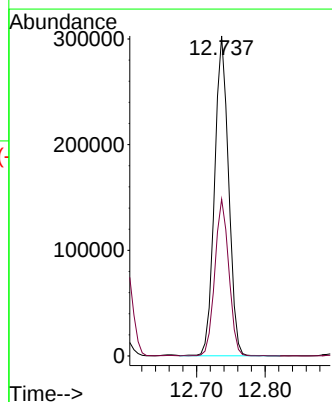
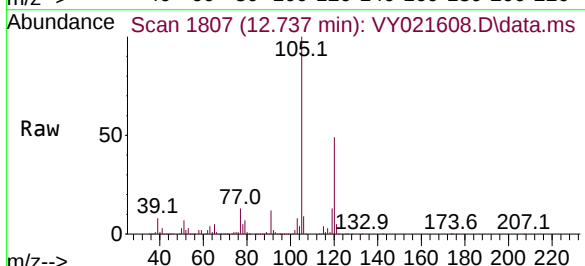
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

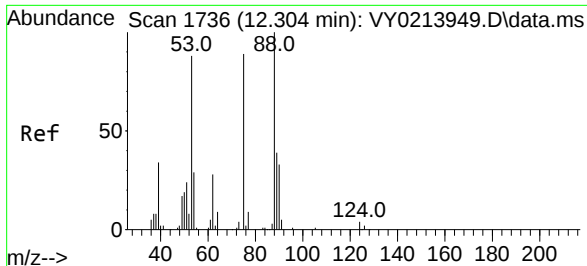
Tgt Ion: 91 Resp: 365543
Ion Ratio Lower Upper
91 100
126 33.9 17.2 51.6



#80
1,3,5-Trimethylbenzene
Concen: 50.439 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

Tgt Ion: 105 Resp: 428203
Ion Ratio Lower Upper
105 100
120 49.0 24.6 73.6

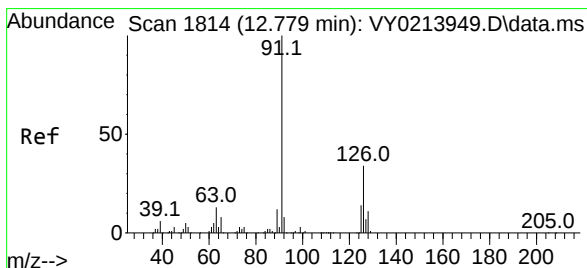
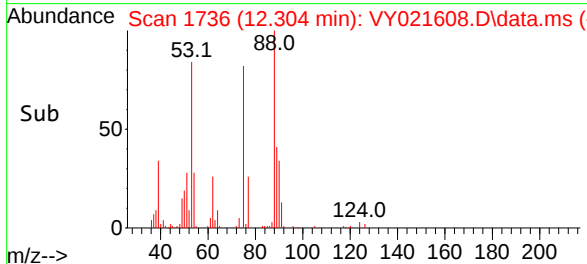
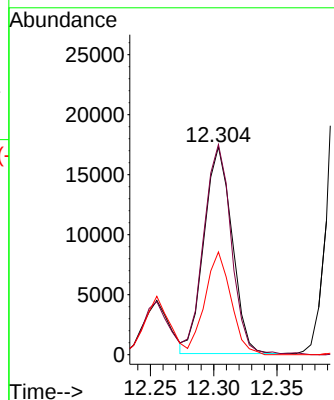
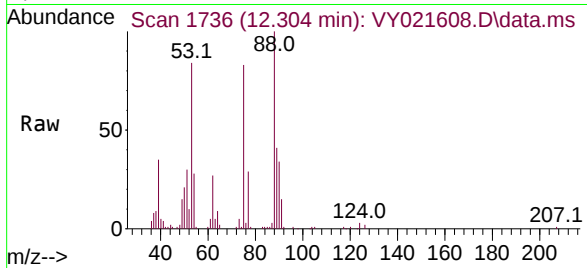




#81
trans-1,4-Dichloro-2-butene
Concen: 45.098 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

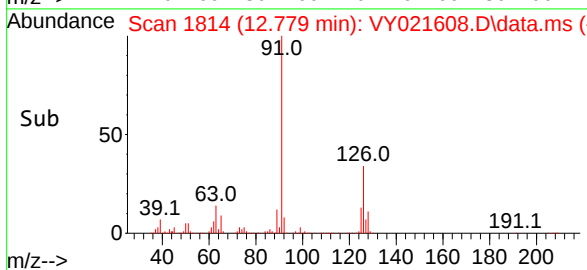
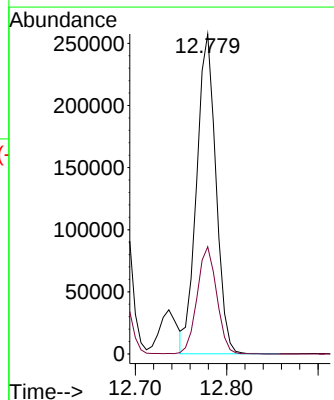
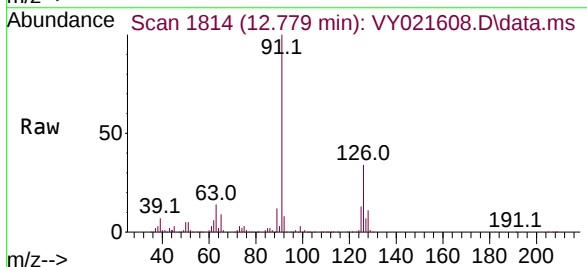
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

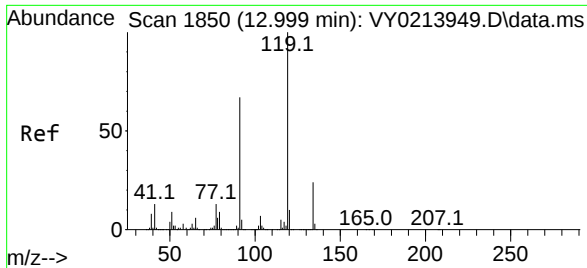
Tgt Ion:	75	Resp:	26511
Ion	Ratio	Lower	Upper
75	100		
53	101.4	81.0	121.4
89	46.1	36.9	55.3



#82
4-Chlorotoluene
Concen: 50.111 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

Tgt Ion:	91	Resp:	376441
Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.0	51.0

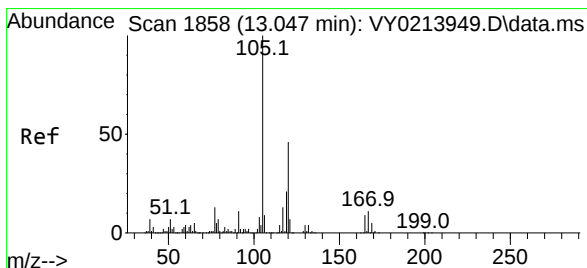
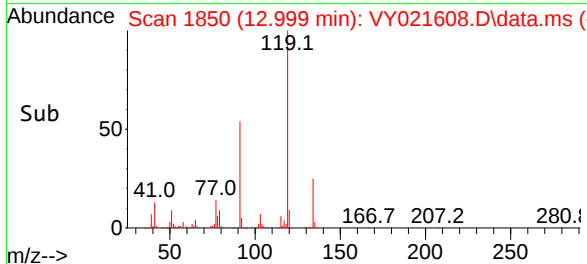
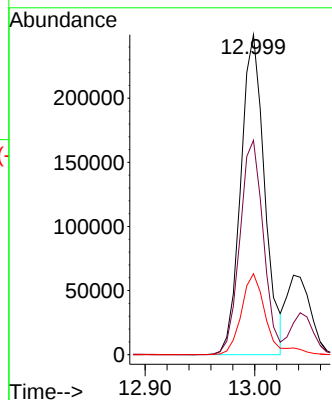
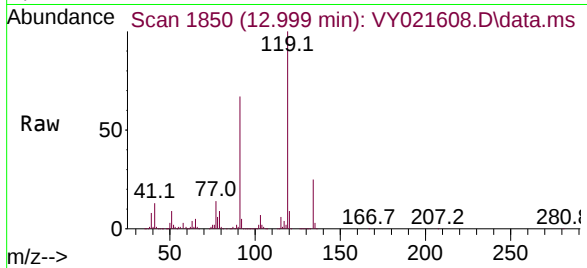




#83
 tert-Butylbenzene
 Concen: 49.756 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021608.D
 Acq: 21 Mar 2025 18:32

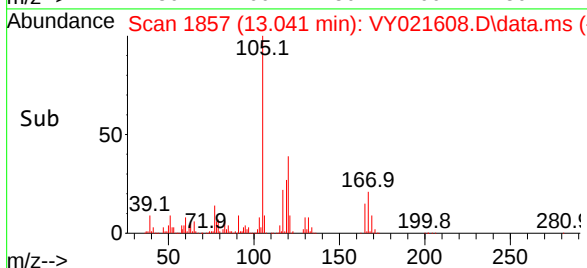
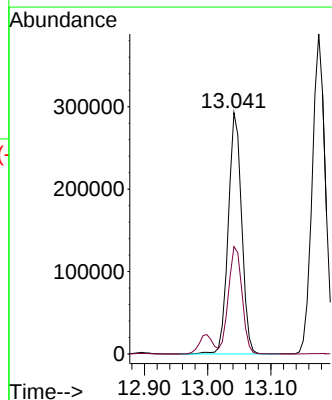
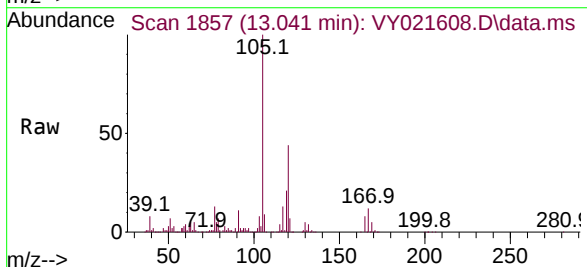
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

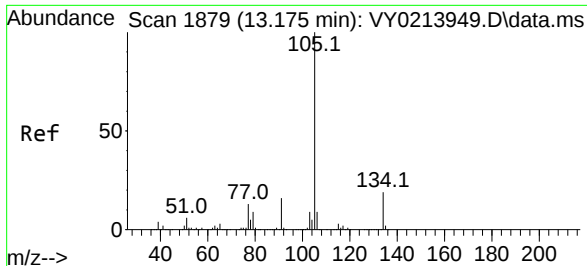
Tgt Ion:119 Resp: 376824
 Ion Ratio Lower Upper
 119 100
 91 66.2 33.2 99.6
 134 26.1 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 50.977 ug/l
 RT: 13.041 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021608.D
 Acq: 21 Mar 2025 18:32

Tgt Ion:105 Resp: 429689
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.7 68.1

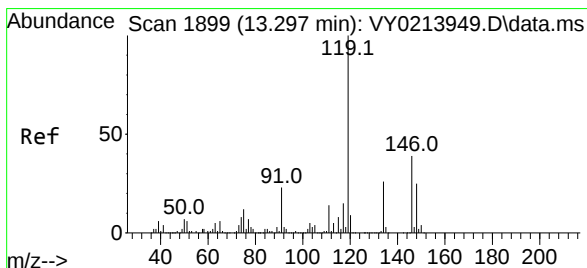
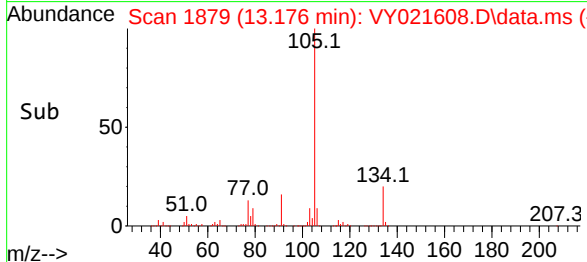
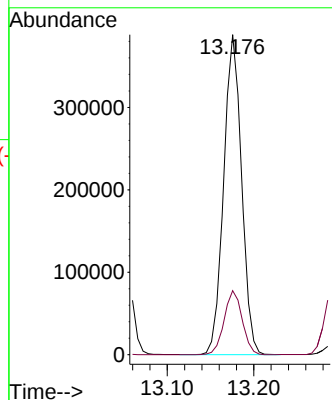
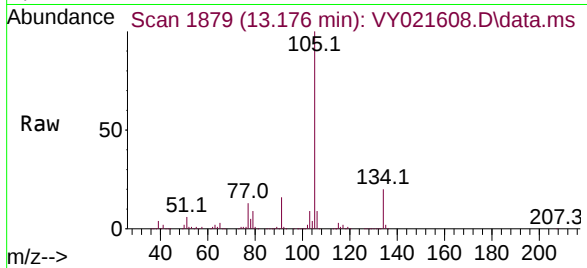




#85
 sec-Butylbenzene
 Concen: 49.430 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021608.D
 Acq: 21 Mar 2025 18:32

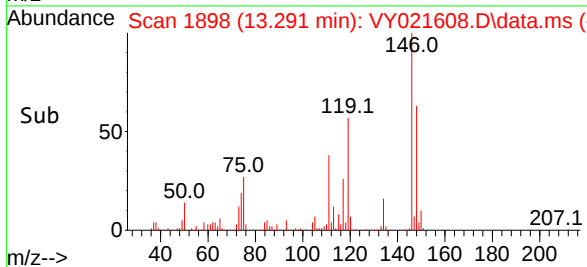
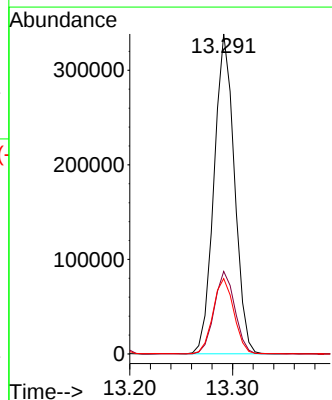
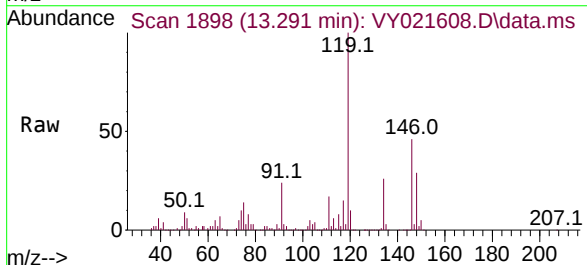
Instrument :
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 ClientSampleId :
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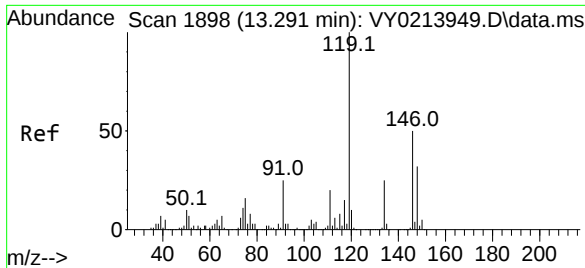
Tgt Ion:105 Resp: 556991
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 50.096 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021608.D
 Acq: 21 Mar 2025 18:32

Tgt Ion:119 Resp: 465053
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.1
 91 24.3 12.2 36.6

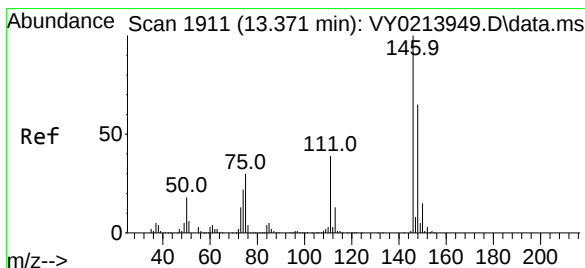
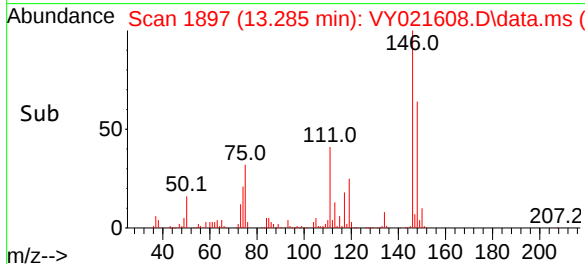
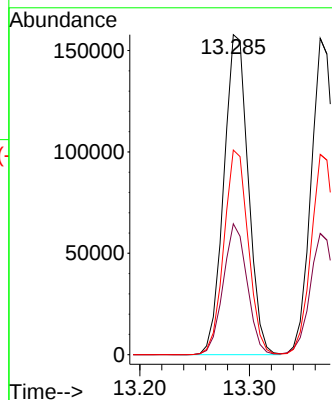
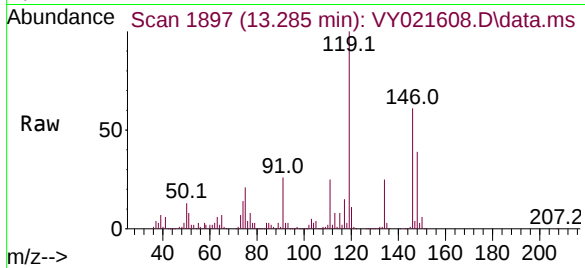




#87
 1,3-Dichlorobenzene
 Concen: 50.245 ug/l
 RT: 13.285 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY021608.D
 Acq: 21 Mar 2025 18:32

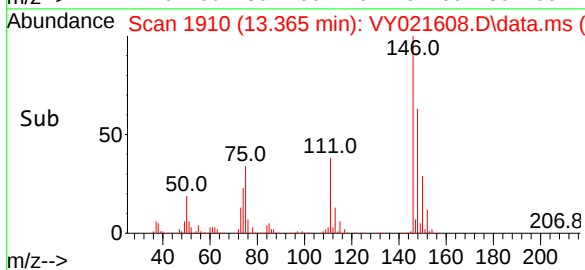
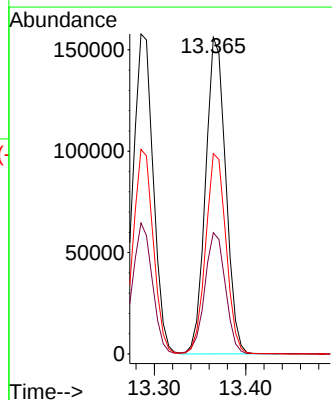
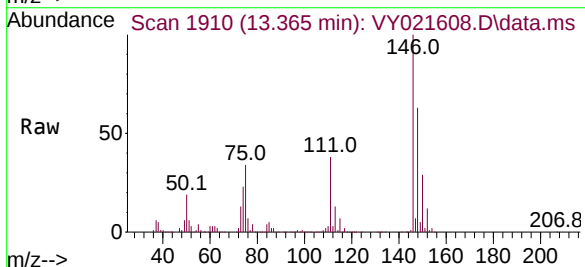
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

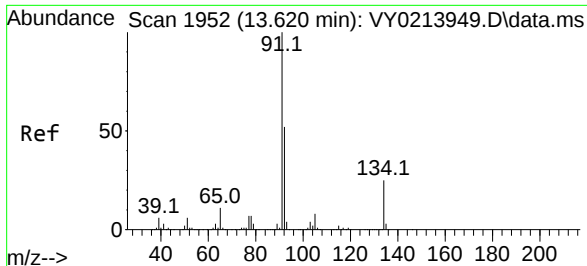
Tgt Ion:146 Resp: 244436
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 60.0
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 50.170 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY021608.D
 Acq: 21 Mar 2025 18:32

Tgt Ion:146 Resp: 238696
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.6 58.8
 148 64.1 32.3 96.8





#89

n-Butylbenzene

Concen: 49.595 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

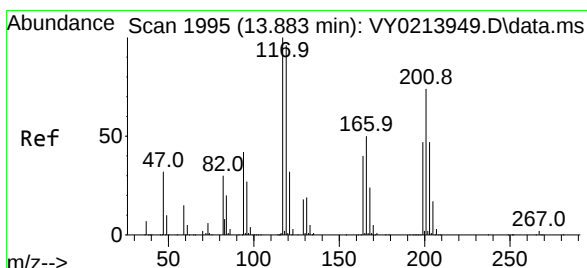
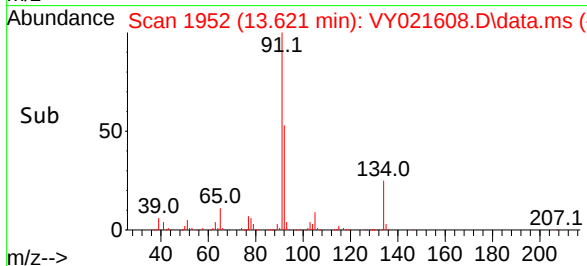
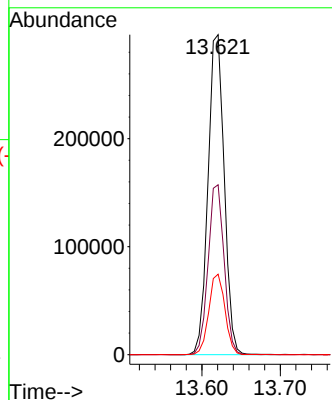
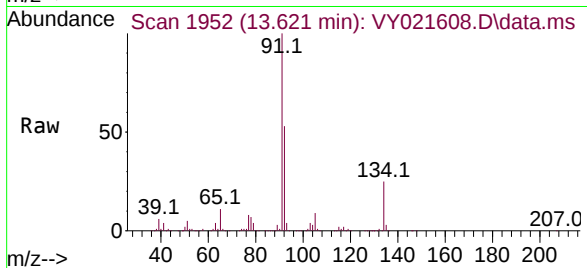
Tgt Ion: 91 Resp: 425141

Ion Ratio Lower Upper

91 100

92 52.4 26.1 78.3

134 25.1 12.6 37.8



#90

Hexachloroethane

Concen: 49.848 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021608.D

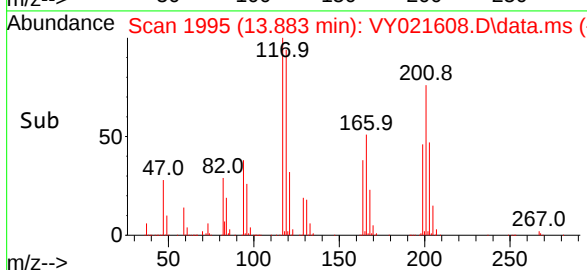
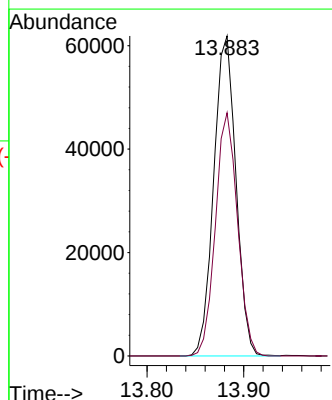
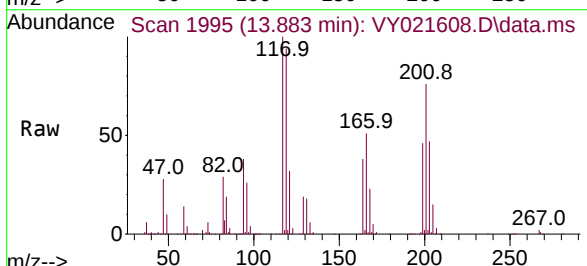
Acq: 21 Mar 2025 18:32

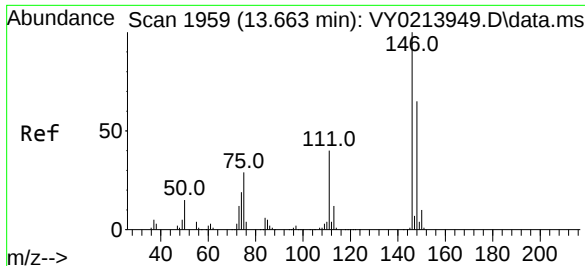
Tgt Ion: 117 Resp: 98721

Ion Ratio Lower Upper

117 100

201 75.4 37.4 112.2

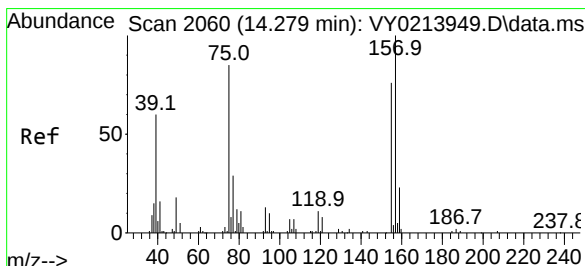
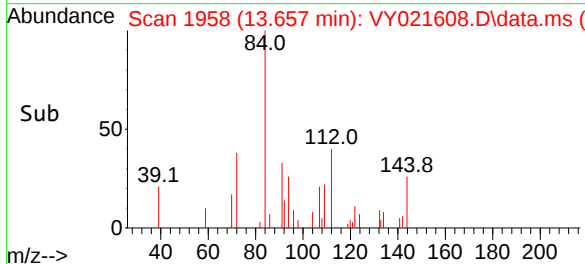
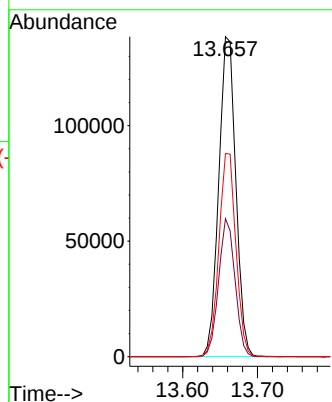
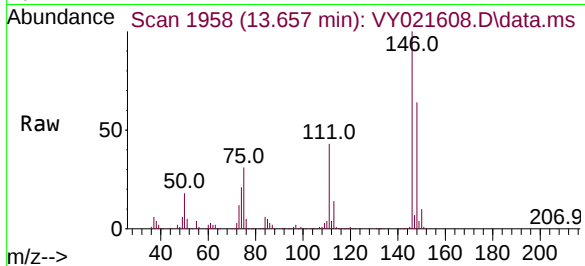




#91
 1,2-Dichlorobenzene
 Concen: 52.669 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.006 min
 Lab File: VY021608.D
 Acq: 21 Mar 2025 18:32

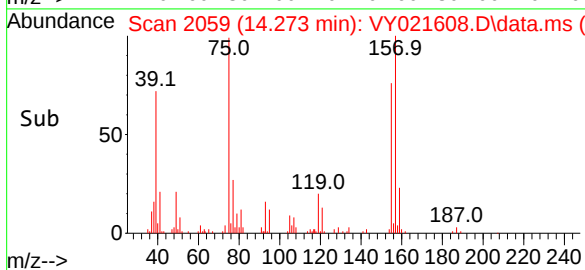
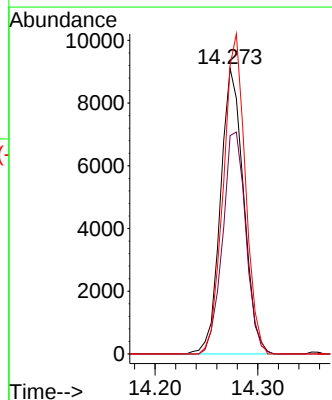
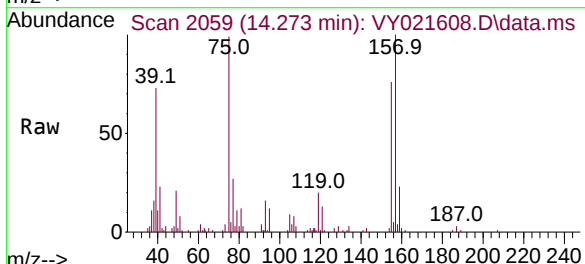
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

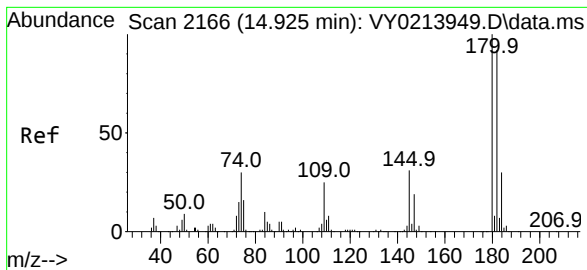
Tgt Ion:146 Resp: 219610
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.7 62.1
 148 63.4 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.332 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.006 min
 Lab File: VY021608.D
 Acq: 21 Mar 2025 18:32

Tgt Ion: 75 Resp: 14175
 Ion Ratio Lower Upper
 75 100
 155 78.2 43.5 130.5
 157 106.4 54.4 163.2

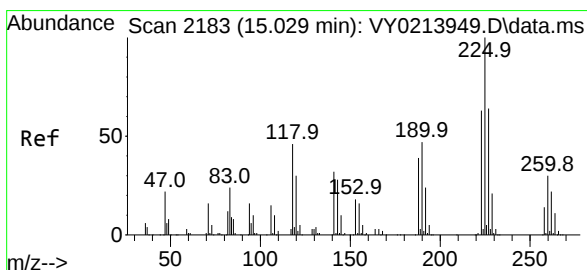
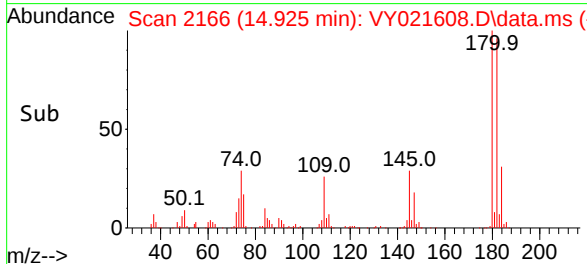
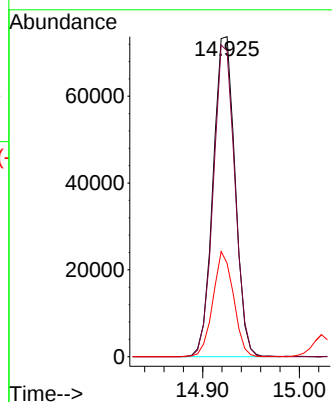
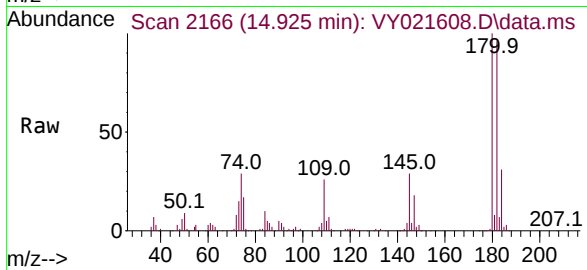




#93
 1,2,4-Trichlorobenzene
 Concen: 50.969 ug/l
 RT: 14.925 min Scan# 2166
 Delta R.T. 0.000 min
 Lab File: VY021608.D
 Acq: 21 Mar 2025 18:32

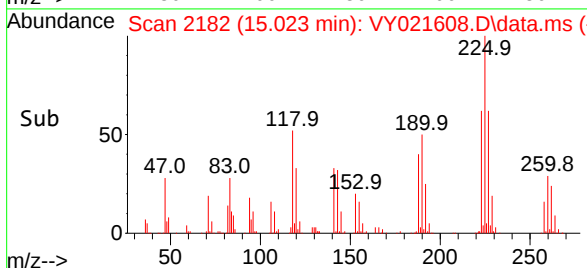
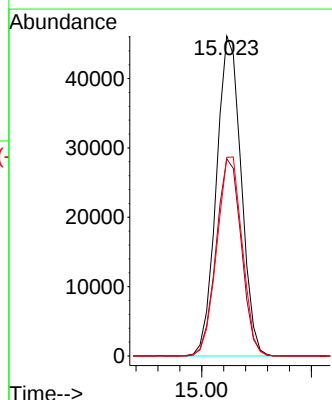
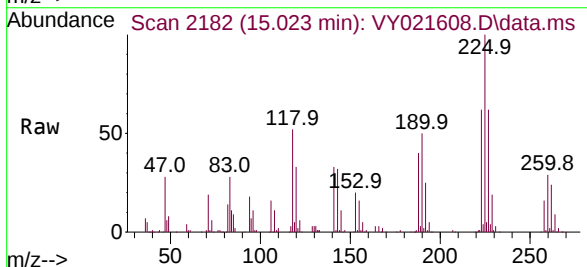
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

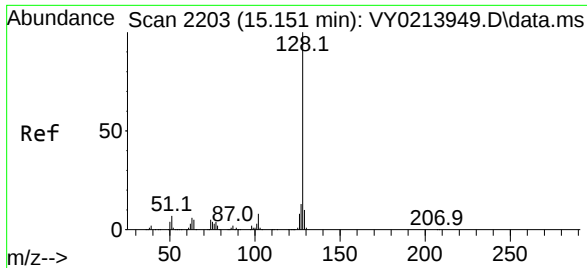
Tgt Ion:180 Resp: 116078
 Ion Ratio Lower Upper
 180 100
 182 96.2 46.7 140.0
 145 30.8 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 50.625 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.006 min
 Lab File: VY021608.D
 Acq: 21 Mar 2025 18:32

Tgt Ion:225 Resp: 72273
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.4 94.2
 227 63.8 31.8 95.4

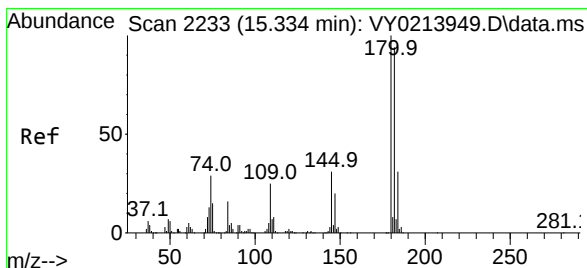
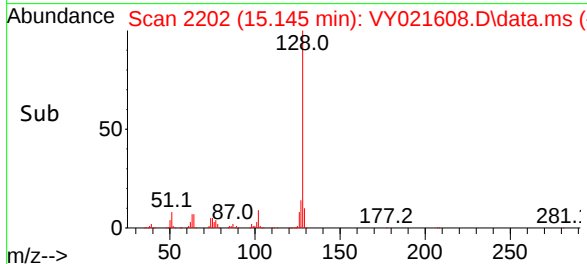
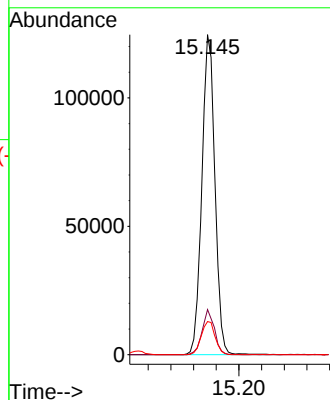
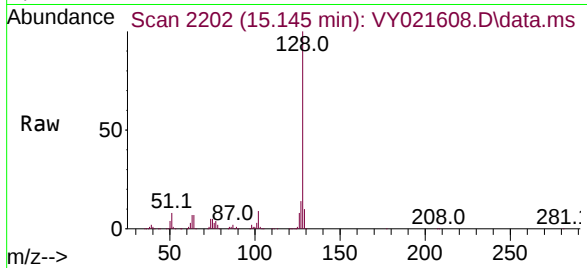




#95
Naphthalene
Concen: 51.600 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 199427
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.517 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021608.D
Acq: 21 Mar 2025 18:32

Tgt Ion:180 Resp: 100593
Ion Ratio Lower Upper
180 100
182 95.5 47.2 141.6
145 33.6 16.4 49.1

