

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031425\
 Data File : VY021541.D
 Acq On : 14 Mar 2025 15:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 15 02:03:29 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	7.707	168	199040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	319825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	289318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	153908	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	116233	55.251	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.500%	
35) Dibromofluoromethane	7.634	113	111505	53.041	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.080%	
50) Toluene-d8	10.109	98	411873	51.744	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.480%	
62) 4-Bromofluorobenzene	12.408	95	145119	53.597	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.200%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	78153	42.788	ug/l	97
3) Chloromethane	2.068	50	125842	48.868	ug/l	98
4) Vinyl Chloride	2.202	62	140399	49.891	ug/l	97
5) Bromomethane	2.598	94	100148	49.240	ug/l	97
6) Chloroethane	2.732	64	102339	55.030	ug/l	98
7) Trichlorofluoromethane	3.056	101	218135	55.535	ug/l	98
8) Diethyl Ether	3.458	74	62582	57.492	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	107025	47.724	ug/l	99
10) Methyl Iodide	4.000	142	124262	54.511	ug/l	99
11) Tert butyl alcohol	4.872	59	33493	244.360	ug/l	98
12) 1,1-Dichloroethene	3.787	96	96448	47.173	ug/l	94
13) Acrolein	3.653	56	4761	44.494	ug/l	94
14) Allyl chloride	4.385	41	163375	49.446	ug/l	99
15) Acrylonitrile	5.055	53	124339	268.333	ug/l	99
16) Acetone	3.866	43	94773	206.548	ug/l	95
17) Carbon Disulfide	4.104	76	305905	47.741	ug/l	97
18) Methyl Acetate	4.385	43	65950	64.778	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	272233	52.533	ug/l	99
20) Methylene Chloride	4.616	84	118283	49.109	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	114800	50.137	ug/l	96
22) Diisopropyl ether	6.018	45	383829	53.903	ug/l	97
23) Vinyl Acetate	5.957	43	1049387	258.226	ug/l	98
24) 1,1-Dichloroethane	5.909	63	216581	51.535	ug/l	99
25) 2-Butanone	6.890	43	153810	242.328	ug/l	98
26) 2,2-Dichloropropane	6.884	77	151662	39.220	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	136634	52.527	ug/l	97
28) Bromochloromethane	7.244	49	85516	48.536	ug/l	99
29) Tetrahydrofuran	7.262	42	105711	269.779	ug/l	100
30) Chloroform	7.421	83	231742	53.103	ug/l	97
31) Cyclohexane	7.701	56	177449	45.038	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	201887	50.525	ug/l	99
36) 1,1-Dichloropropene	7.835	75	156596	47.588	ug/l	100
37) Ethyl Acetate	6.982	43	71832	49.388	ug/l	100
38) Carbon Tetrachloride	7.817	117	181383	47.927	ug/l	99
39) Methylcyclohexane	9.109	83	188103	46.601	ug/l	97
40) Benzene	8.079	78	485723	50.107	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031425\
 Data File : VY021541.D
 Acq On : 14 Mar 2025 15:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 15 02:03:29 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)
41) Methacrylonitrile	7.219	41	39325	49.656	ug/l #	92
42) 1,2-Dichloroethane	8.158	62	137890	50.847	ug/l	100
43) Isopropyl Acetate	8.195	43	143111	50.687	ug/l #	87
44) Trichloroethene	8.865	130	119584	48.818	ug/l	96
45) 1,2-Dichloropropane	9.140	63	118744	51.469	ug/l	99
46) Dibromomethane	9.231	93	67058	52.239	ug/l	99
47) Bromodichloromethane	9.420	83	178176	52.265	ug/l	98
48) Methyl methacrylate	9.219	41	68148	52.563	ug/l	99
49) 1,4-Dioxane	9.231	88	13500	1071.443	ug/l	92
51) 4-Methyl-2-Pentanone	9.999	43	390283	267.904	ug/l	99
52) Toluene	10.170	92	306785	50.198	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	150626	50.151	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	175297	49.159	ug/l	100
55) 1,1,2-Trichloroethane	10.572	97	88525	52.719	ug/l	99
56) Ethyl methacrylate	10.438	69	116167	54.244	ug/l	99
57) 1,3-Dichloropropane	10.719	76	150828	51.825	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	284656	287.939	ug/l	99
59) 2-Hexanone	10.761	43	256705	266.492	ug/l	99
60) Dibromochloromethane	10.908	129	120607	52.391	ug/l	100
61) 1,2-Dibromoethane	11.011	107	82920	52.322	ug/l	99
64) Tetrachloroethene	10.646	164	129925	55.225	ug/l	95
65) Chlorobenzene	11.444	112	340072	49.776	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	122644	50.774	ug/l	99
67) Ethyl Benzene	11.517	91	594137	49.546	ug/l	99
68) m/p-Xylenes	11.627	106	451992	99.281	ug/l	98
69) o-Xylene	11.956	106	213344	50.846	ug/l	100
70) Styrene	11.969	104	363911	52.280	ug/l	100
71) Bromoform	12.133	173	69752	51.657	ug/l #	100
73) Isopropylbenzene	12.255	105	565087	46.610	ug/l	100
74) N-amyl acetate	12.072	43	128961	48.980	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	99458	46.488	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	129515	83.509	ug/l #	100
77) Bromobenzene	12.536	156	132318	46.651	ug/l	99
78) n-propylbenzene	12.597	91	686631	46.634	ug/l	100
79) 2-Chlorotoluene	12.682	91	398301	47.309	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	467533	47.453	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	27928	40.937	ug/l	98
82) 4-Chlorotoluene	12.779	91	411358	47.184	ug/l	100
83) tert-Butylbenzene	12.999	119	414807	47.194	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	466620	47.700	ug/l	99
85) sec-Butylbenzene	13.176	105	607741	46.473	ug/l	100
86) p-Isopropyltoluene	13.291	119	506382	47.002	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	261644	46.342	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	255875	46.341	ug/l	100
89) n-Butylbenzene	13.615	91	469569	47.200	ug/l	99
90) Hexachloroethane	13.877	117	105319	45.823	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	230621	47.659	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	15400	48.053	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	128180	48.496	ug/l	98
94) Hexachlorobutadiene	15.023	225	75934	45.832	ug/l	98
95) Naphthalene	15.145	128	221218	49.574	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	111361	50.096	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031425\
Data File : VY021541.D
Acq On : 14 Mar 2025 15:47
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

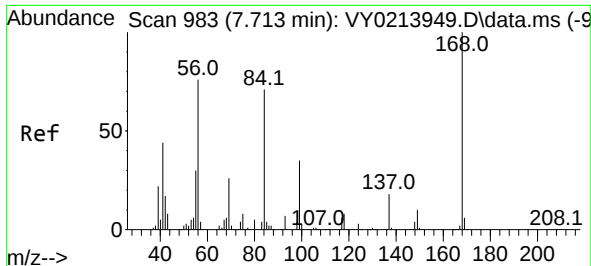
Quant Time: Mar 15 02:03:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

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

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

Quant Time: Mar 15 02:03:29 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

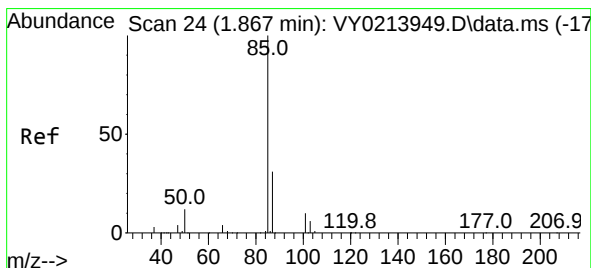
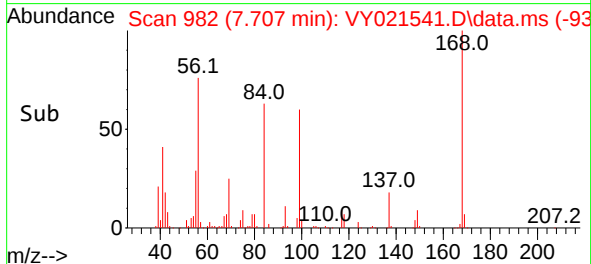
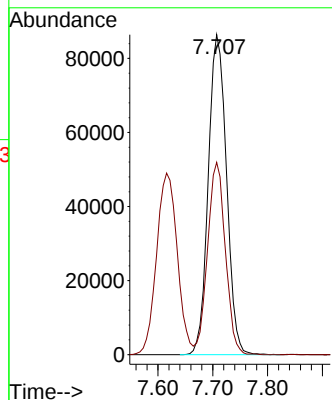
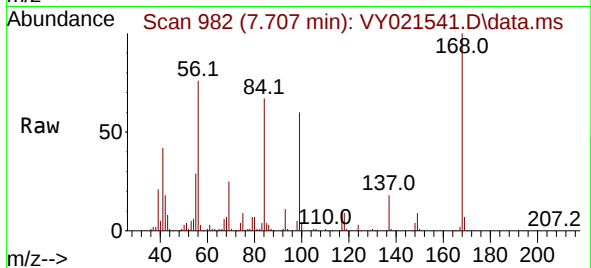




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

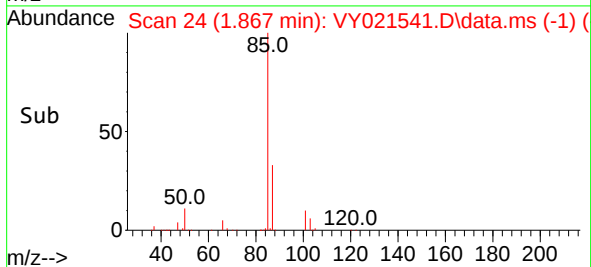
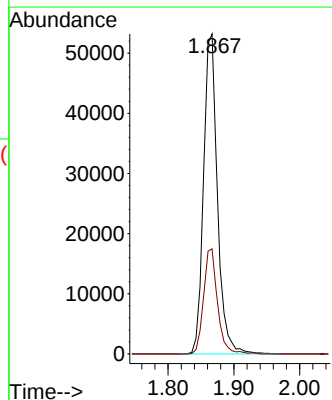
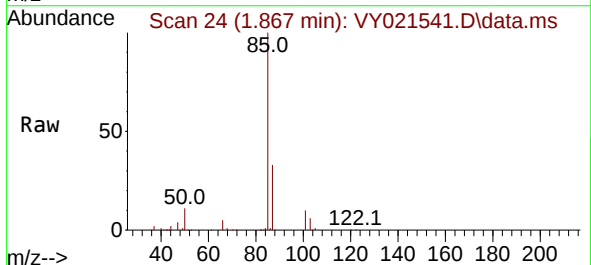
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 199040
Ion Ratio Lower Upper
168 100
99 60.1 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 42.788 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

Tgt Ion: 85 Resp: 78153
Ion Ratio Lower Upper
85 100
87 32.8 15.7 47.0

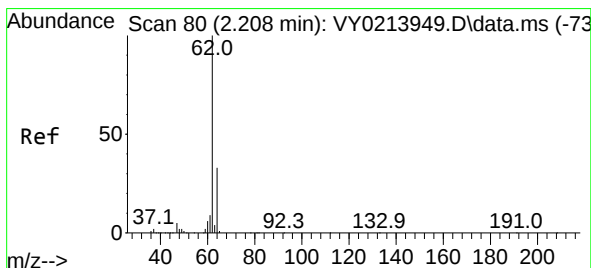
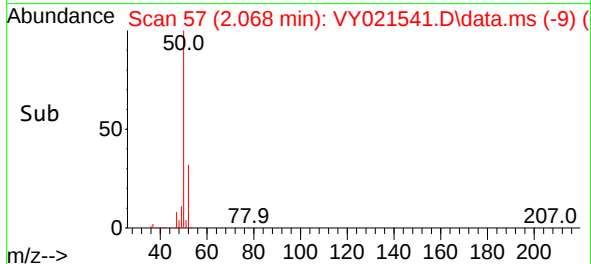
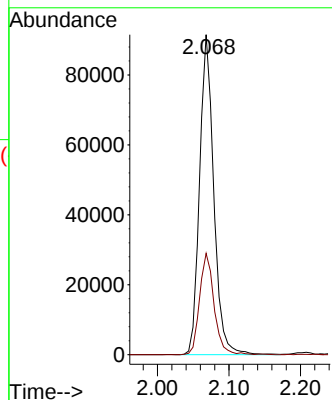
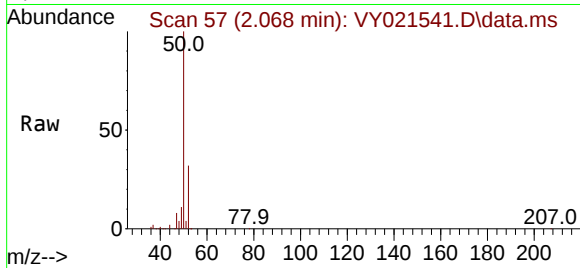




#3
Chloromethane
Concen: 48.868 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

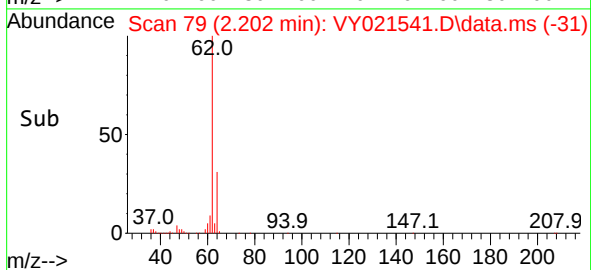
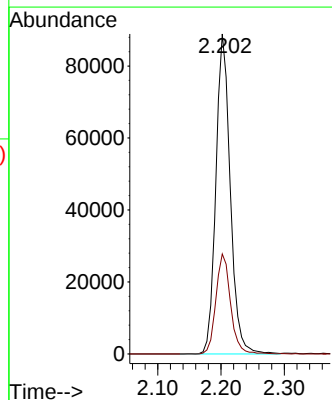
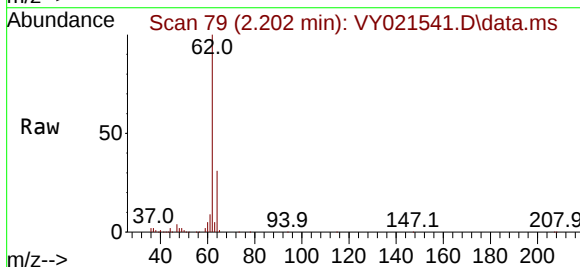
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

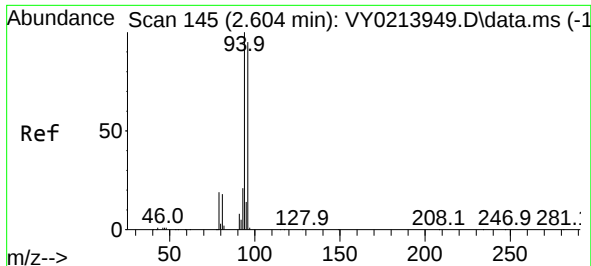
Tgt Ion: 50 Resp: 125842
Ion Ratio Lower Upper
50 100
52 31.6 26.2 39.2



#4
Vinyl Chloride
Concen: 49.891 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

Tgt Ion: 62 Resp: 140399
Ion Ratio Lower Upper
62 100
64 31.3 26.2 39.2

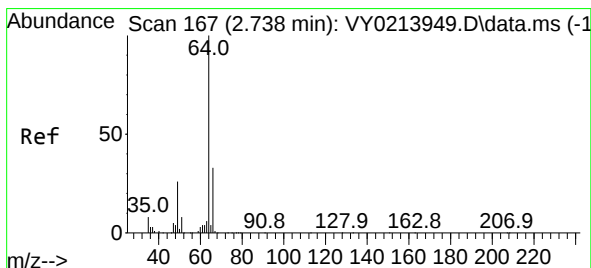
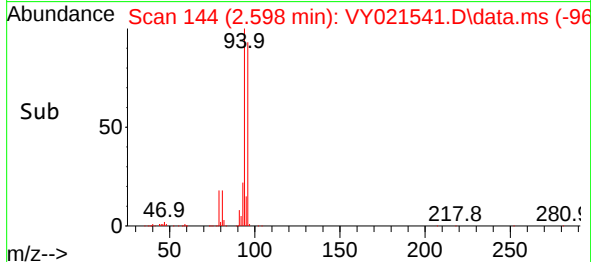
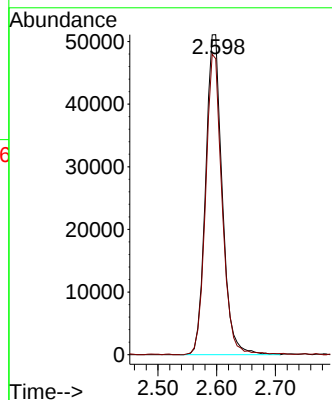
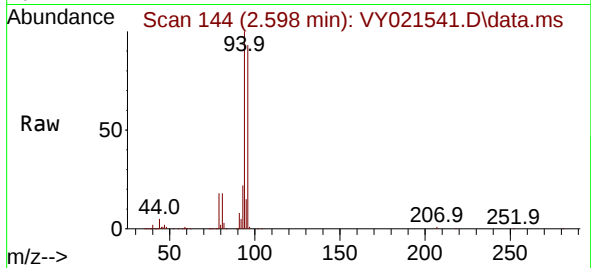




#5
Bromomethane
Concen: 49.240 ug/l
RT: 2.598 min Scan# 145
Delta R.T. -0.006 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

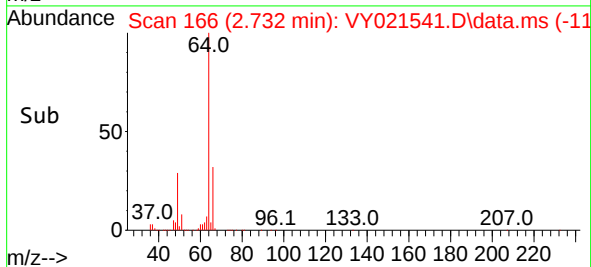
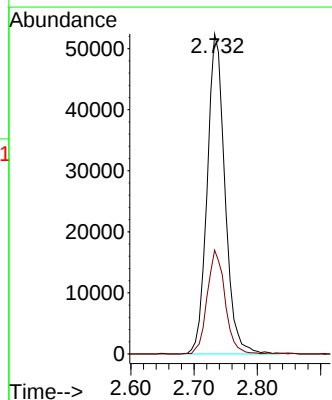
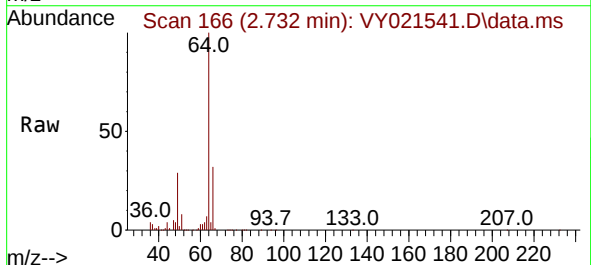
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

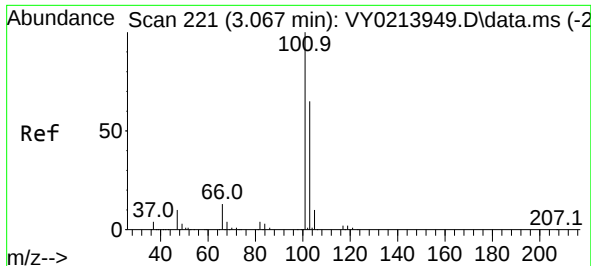
Tgt Ion: 94 Resp: 100148
Ion Ratio Lower Upper
94 100
96 92.5 76.3 114.5



#6
Chloroethane
Concen: 55.030 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

Tgt Ion: 64 Resp: 102339
Ion Ratio Lower Upper
64 100
66 32.5 26.7 40.1

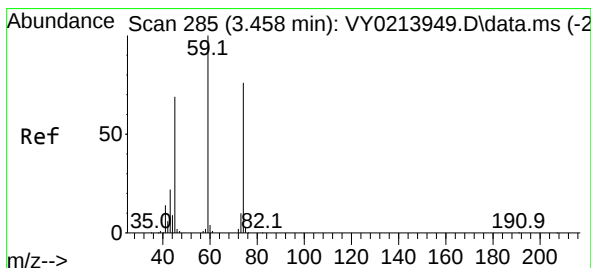
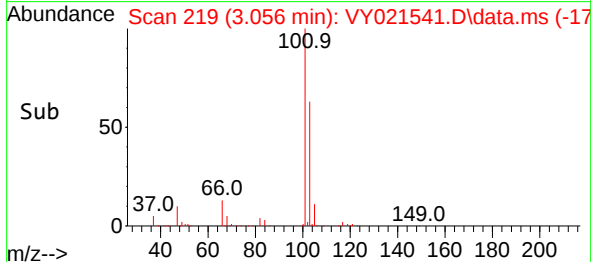
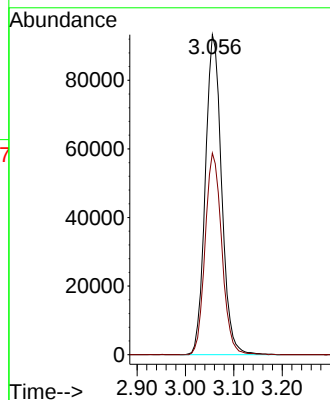
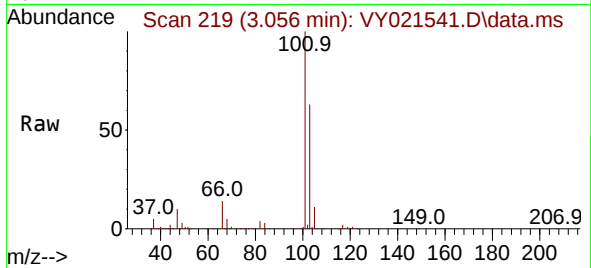




#7
Trichlorofluoromethane
Concen: 55.535 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

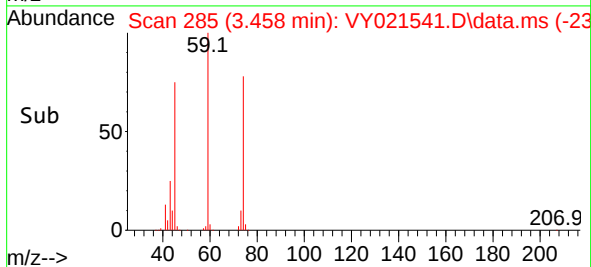
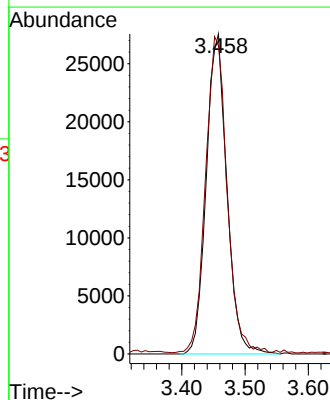
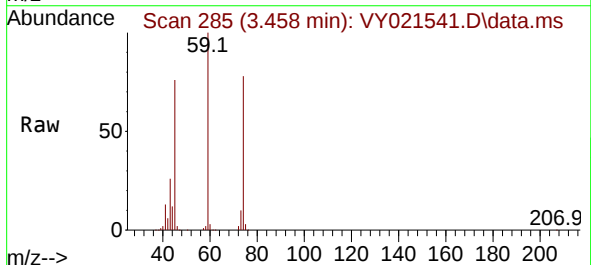
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

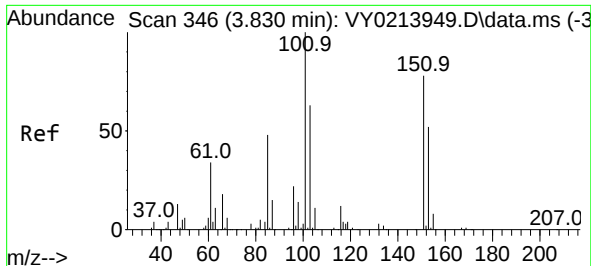
Tgt Ion:101 Resp: 218135
Ion Ratio Lower Upper
101 100
103 63.0 51.7 77.5



#8
Diethyl Ether
Concen: 57.492 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

Tgt Ion: 74 Resp: 62582
Ion Ratio Lower Upper
74 100
45 102.5 49.7 149.1

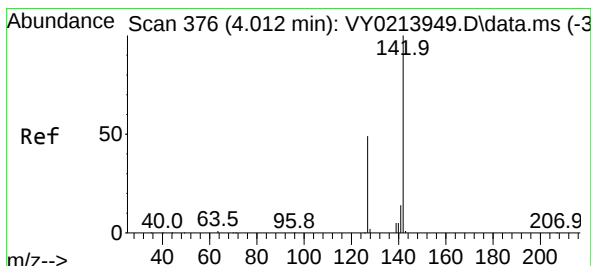
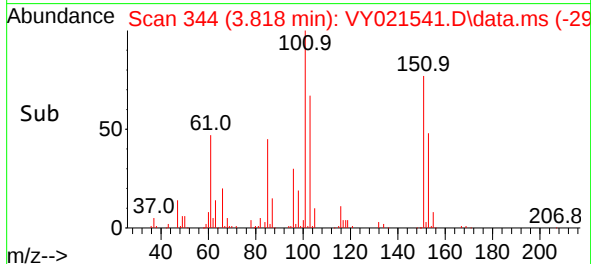
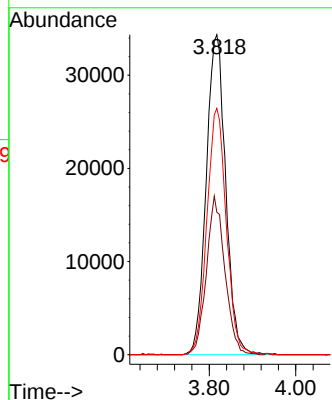
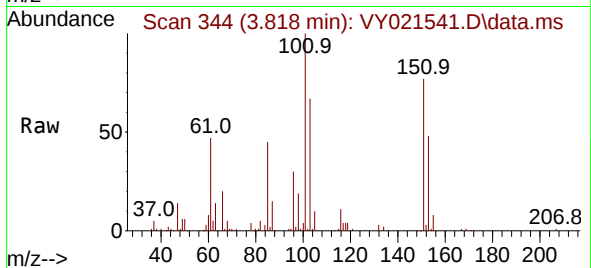




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.724 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

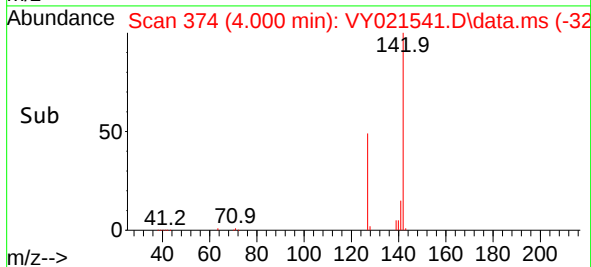
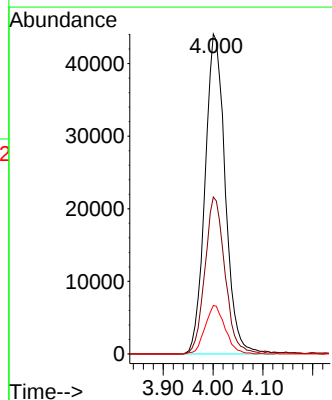
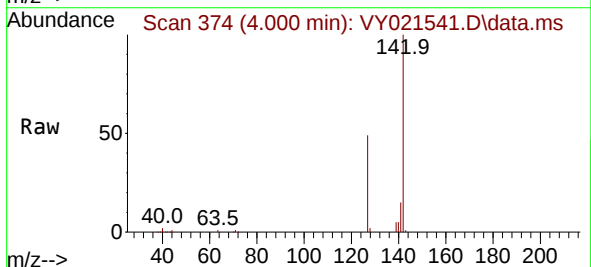
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

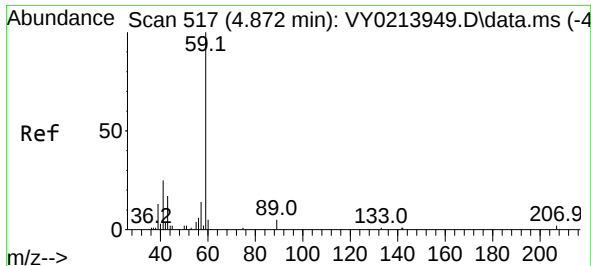
Tgt Ion:101 Resp: 107025
Ion Ratio Lower Upper
101 100
85 47.1 37.1 55.7
151 76.8 62.1 93.1



#10
Methyl Iodide
Concen: 54.511 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

Tgt Ion:142 Resp: 124262
Ion Ratio Lower Upper
142 100
127 48.5 39.1 58.7
141 15.0 11.8 17.6

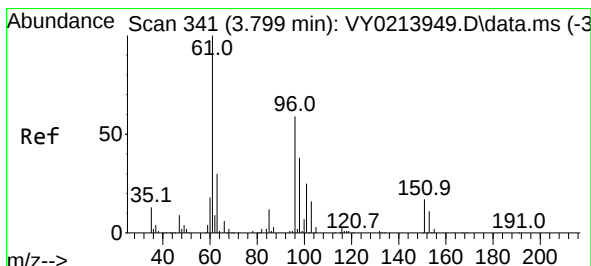
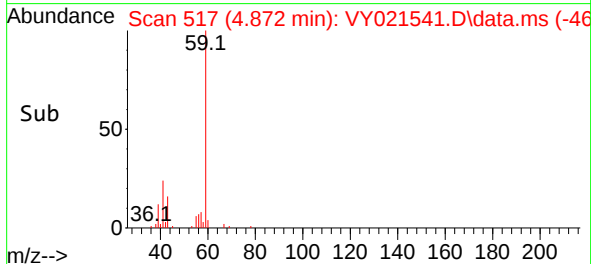
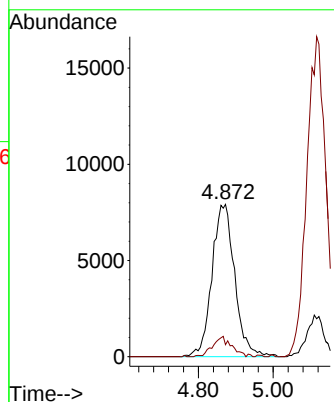
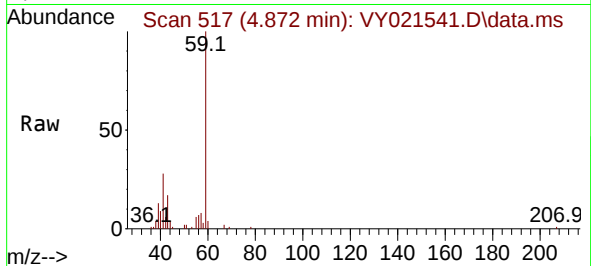




#11
Tert butyl alcohol
Concen: 244.360 ug/l
RT: 4.872 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

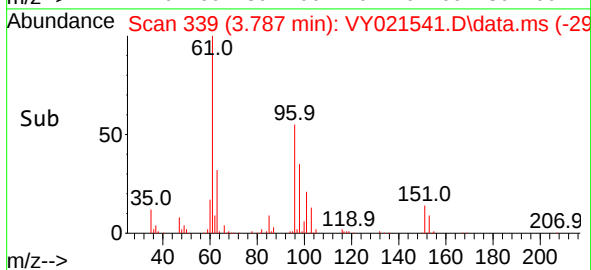
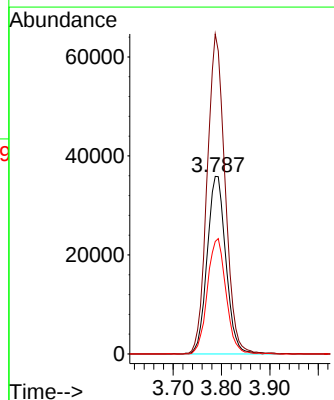
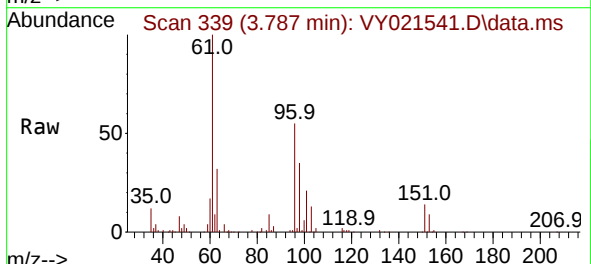
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

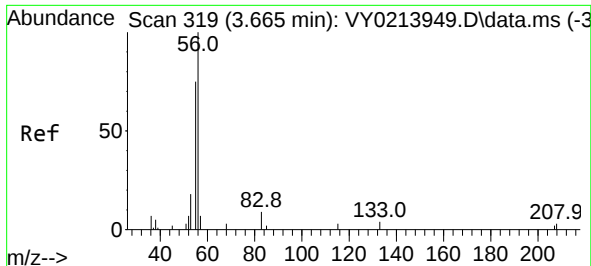
Tgt Ion: 59 Resp: 33493
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4



#12
1,1-Dichloroethene
Concen: 47.173 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

Tgt Ion: 96 Resp: 96448
Ion Ratio Lower Upper
96 100
61 180.2 135.2 202.8
98 63.3 51.4 77.2

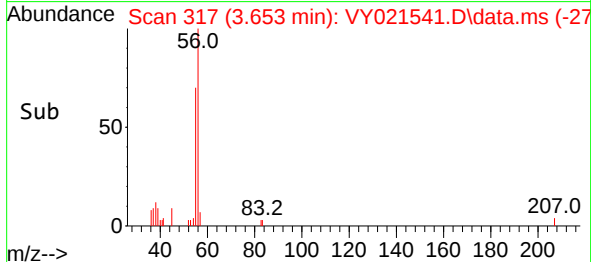
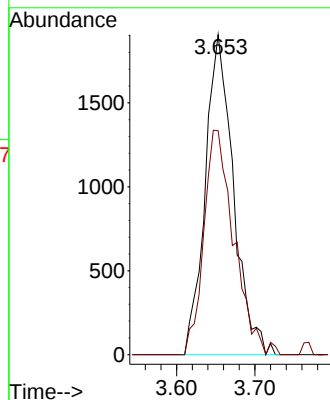
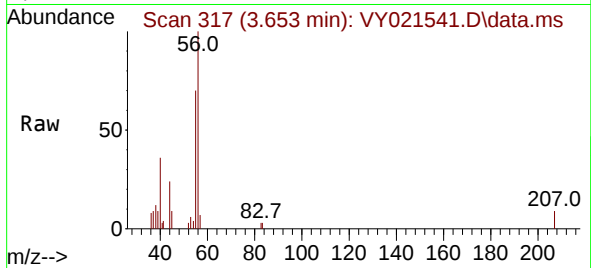




#13
Acrolein
Concen: 44.494 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.012 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

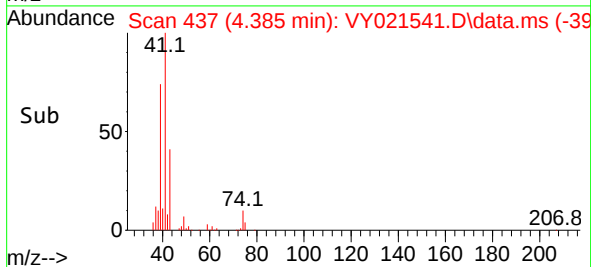
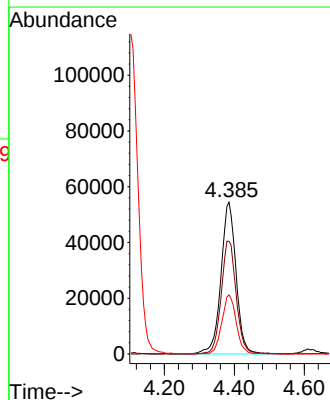
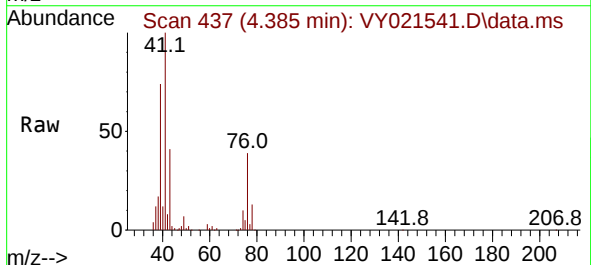
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

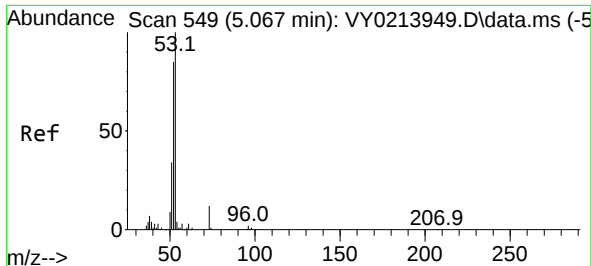
Tgt Ion: 56 Resp: 4761
Ion Ratio Lower Upper
56 100
55 74.2 63.4 95.2



#14
Allyl chloride
Concen: 49.446 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

Tgt Ion: 41 Resp: 163375
Ion Ratio Lower Upper
41 100
39 73.6 59.3 88.9
76 37.0 29.8 44.8

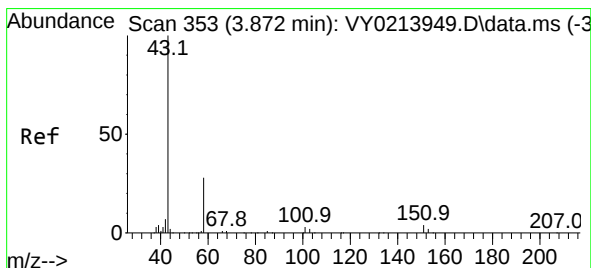
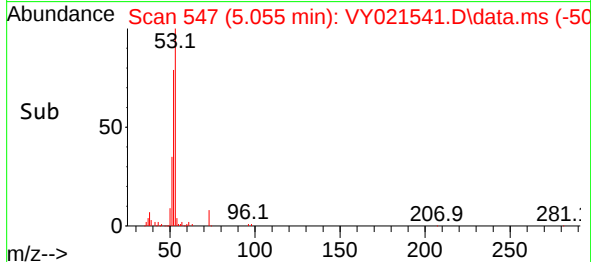
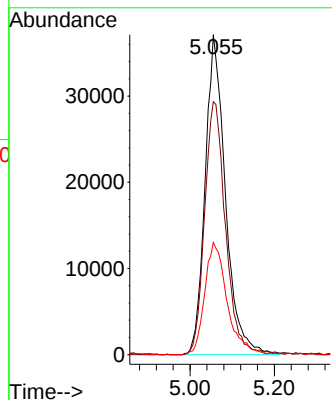
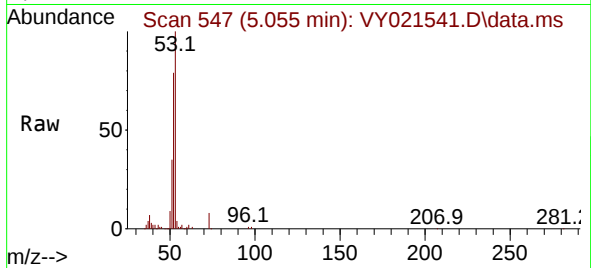




#15
Acrylonitrile
Concen: 268.333 ug/l
RT: 5.055 min Scan# 549
Delta R.T. -0.012 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

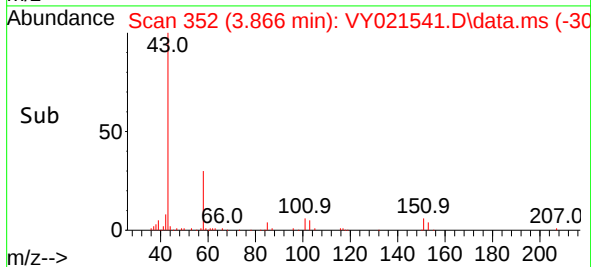
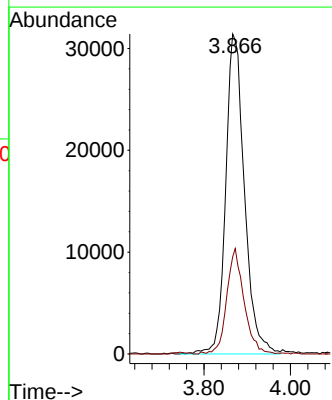
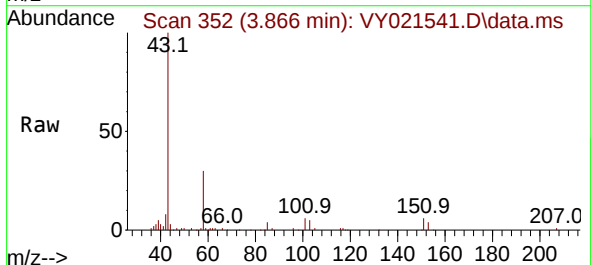
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

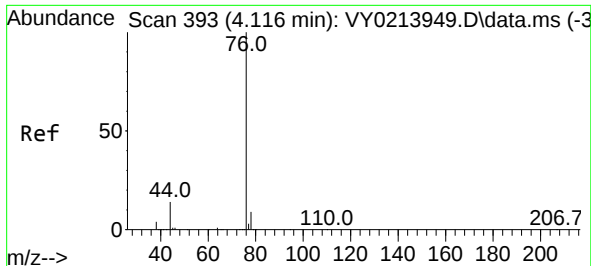
Tgt Ion: 53 Resp: 124339
Ion Ratio Lower Upper
53 100
52 81.4 66.3 99.5
51 38.6 30.3 45.5



#16
Acetone
Concen: 206.548 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

Tgt Ion: 43 Resp: 94773
Ion Ratio Lower Upper
43 100
58 30.1 22.1 33.1

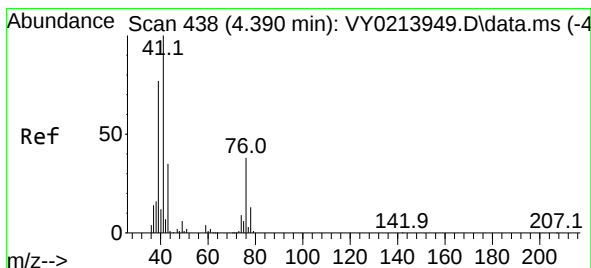
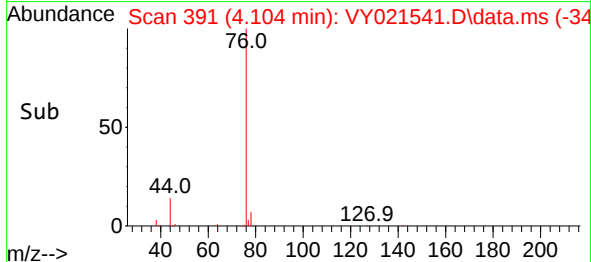
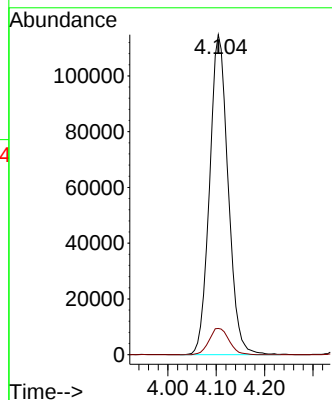
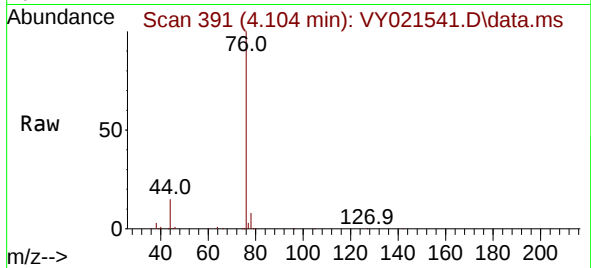




#17
Carbon Disulfide
Concen: 47.741 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

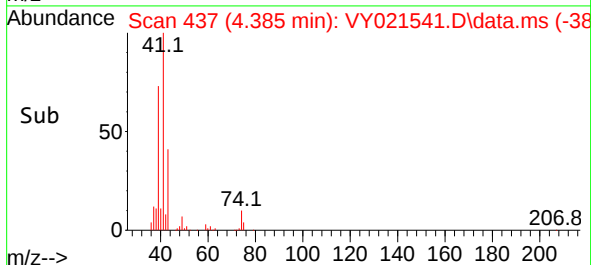
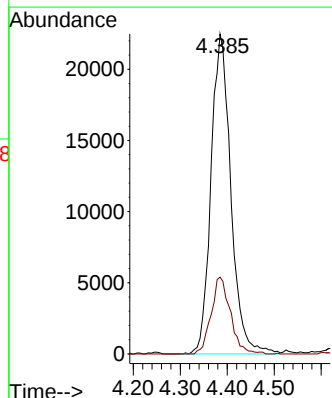
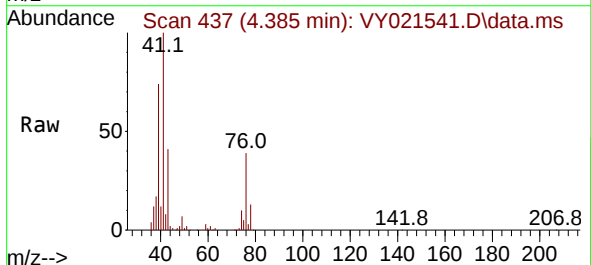
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

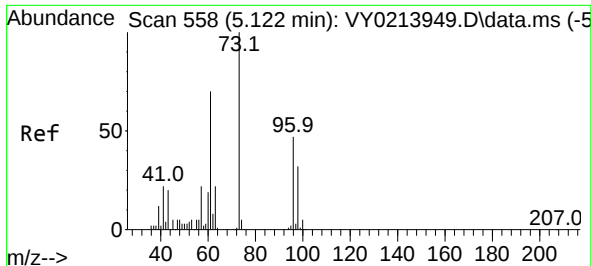
Tgt Ion: 76 Resp: 305905
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0



#18
Methyl Acetate
Concen: 64.778 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

Tgt Ion: 43 Resp: 65950
Ion Ratio Lower Upper
43 100
74 23.3 19.4 29.0

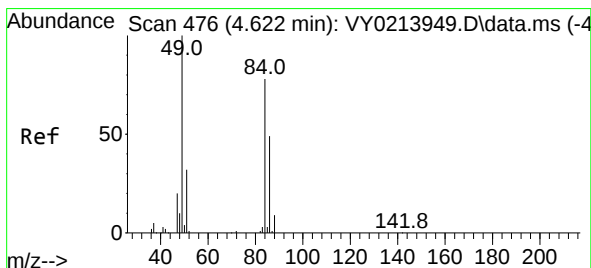
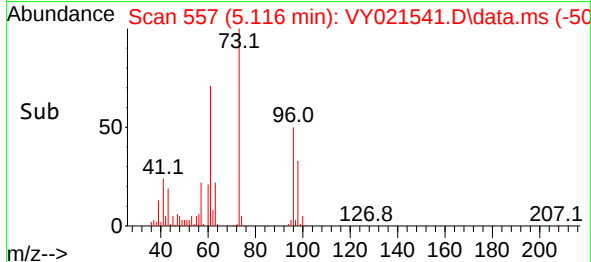
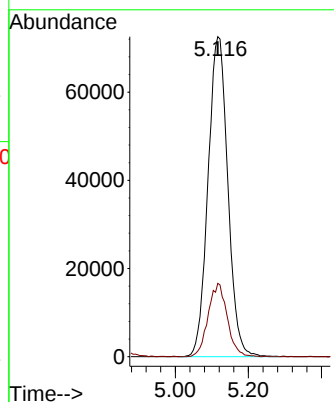
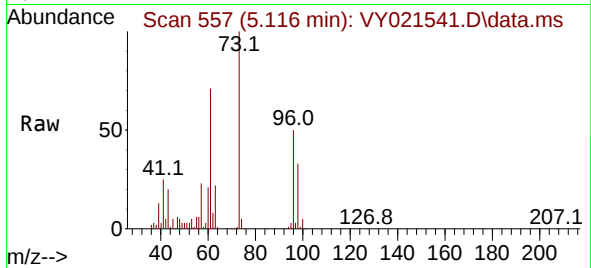




#19
Methyl tert-butyl Ether
Concen: 52.533 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

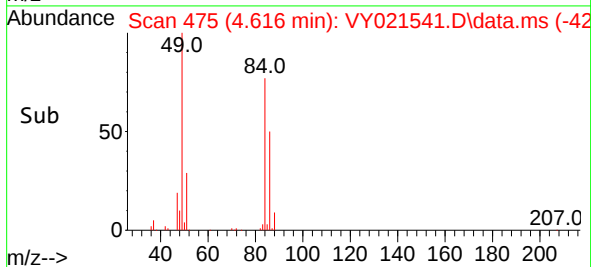
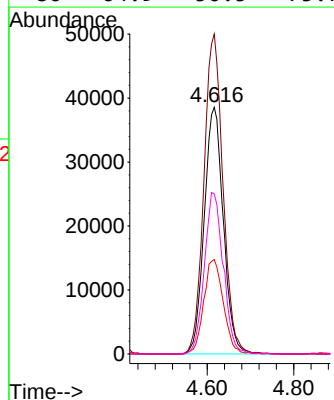
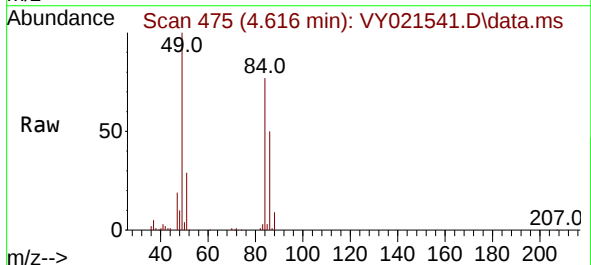
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 272233
Ion Ratio Lower Upper
73 100
57 22.9 17.9 26.9



#20
Methylene Chloride
Concen: 49.109 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

Tgt Ion: 84 Resp: 118283
Ion Ratio Lower Upper
84 100
49 129.7 102.0 153.0
51 38.3 33.0 49.6
86 64.9 50.5 75.7

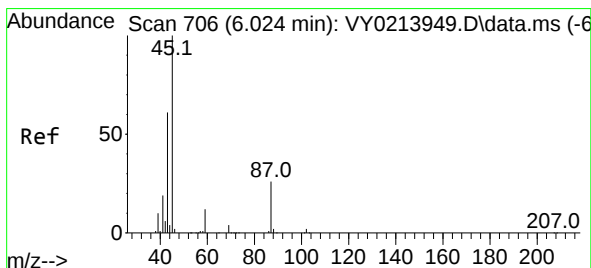
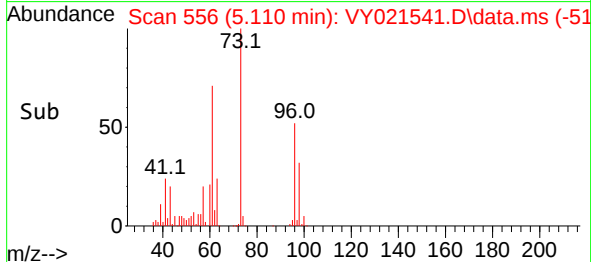
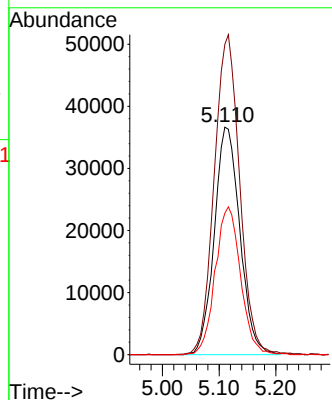
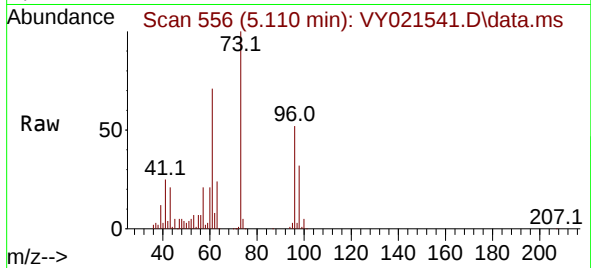




#21
trans-1,2-Dichloroethene
Concen: 50.137 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. -0.018 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

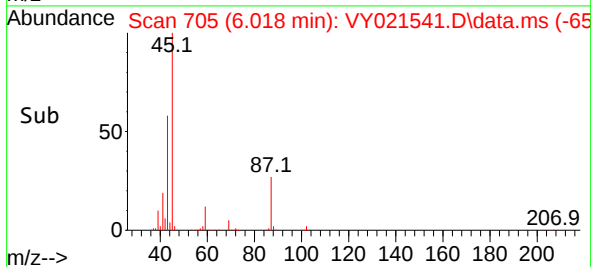
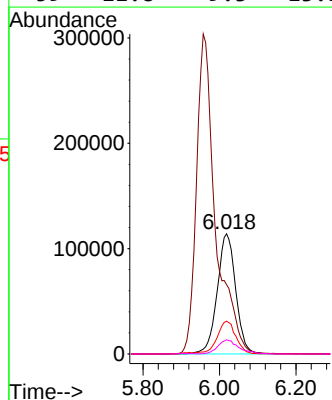
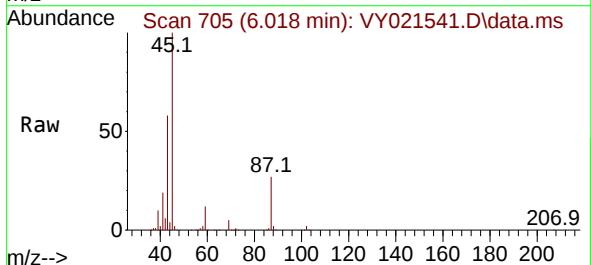
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

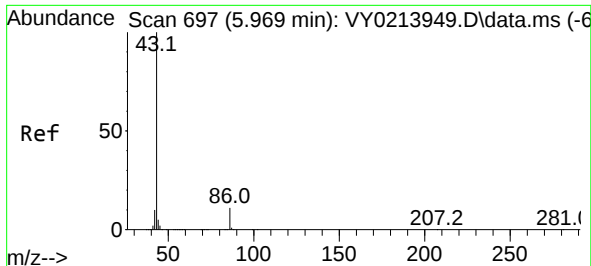
Tgt Ion: 96 Resp: 114800
Ion Ratio Lower Upper
96 100
61 136.2 111.5 167.3
98 62.2 53.8 80.8



#22
Diisopropyl ether
Concen: 53.903 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

Tgt Ion: 45 Resp: 383829
Ion Ratio Lower Upper
45 100
43 57.4 48.7 73.1
87 27.2 21.5 32.3
59 11.8 9.3 13.9

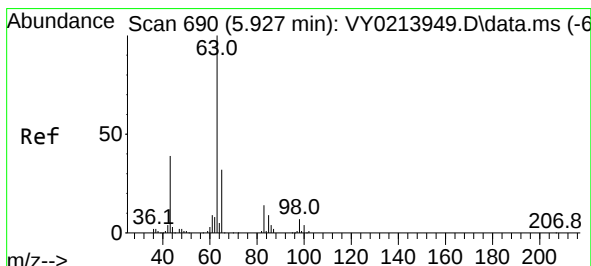
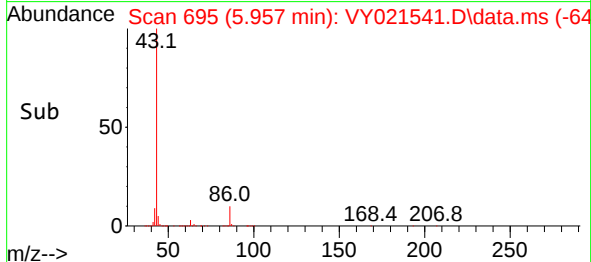
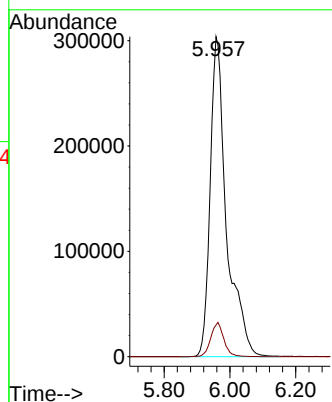
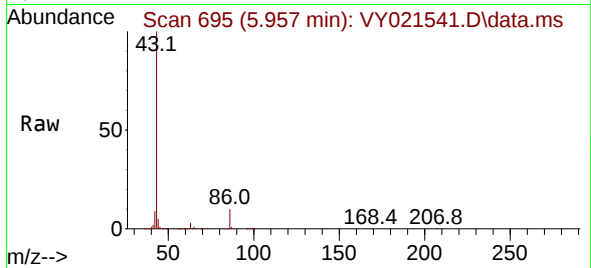




#23
 Vinyl Acetate
 Concen: 258.226 ug/l
 RT: 5.957 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: VY021541.D
 Acq: 14 Mar 2025 15:47

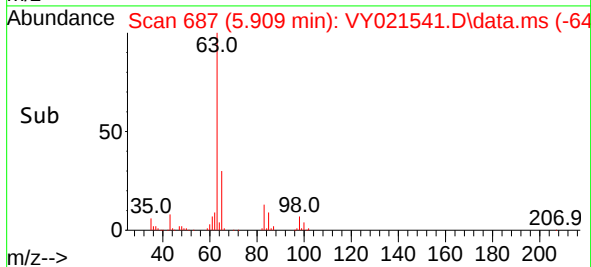
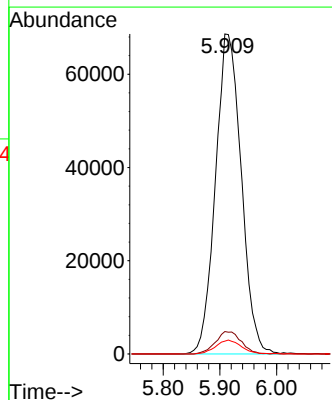
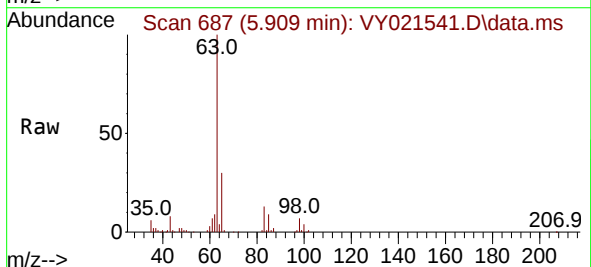
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

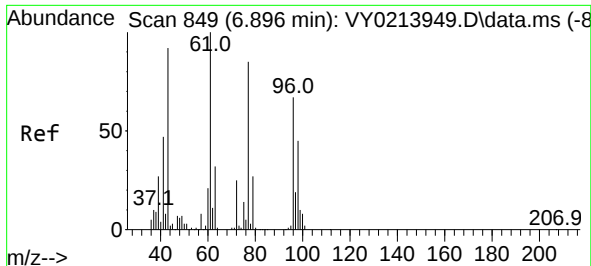
Tgt Ion: 43 Resp: 1049387
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 51.535 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.018 min
 Lab File: VY021541.D
 Acq: 14 Mar 2025 15:47

Tgt Ion: 63 Resp: 216581
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.9
 100 4.0 2.1 6.5





#25

2-Butanone

Concen: 242.328 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY021541.D

Acq: 14 Mar 2025 15:47

Instrument :

MSVOA_Y

ClientSampleId :

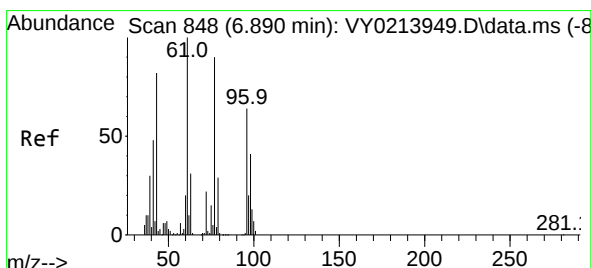
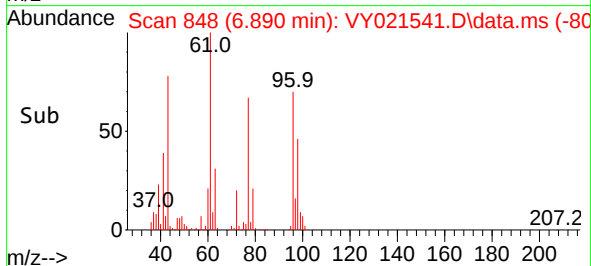
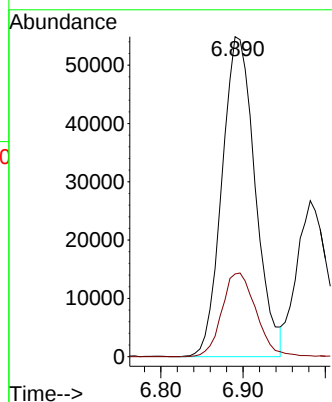
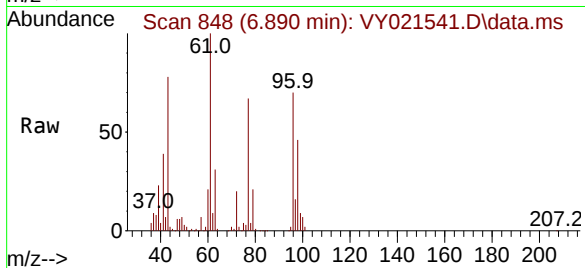
VSTDCCC050EC

Tgt Ion: 43 Resp: 153810

Ion Ratio Lower Upper

43 100

72 25.8 21.4 32.0



#26

2,2-Dichloropropane

Concen: 39.220 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY021541.D

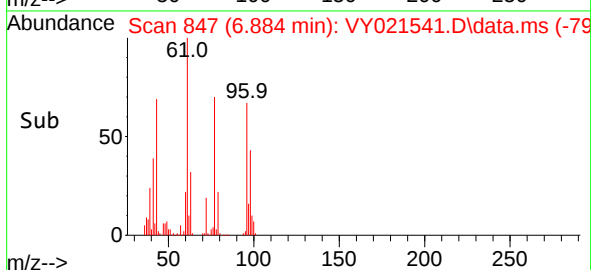
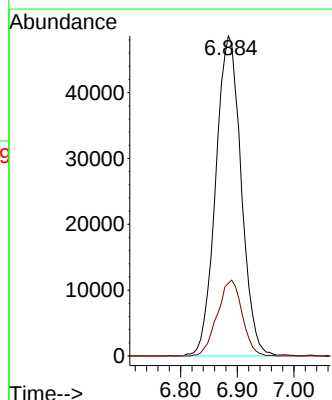
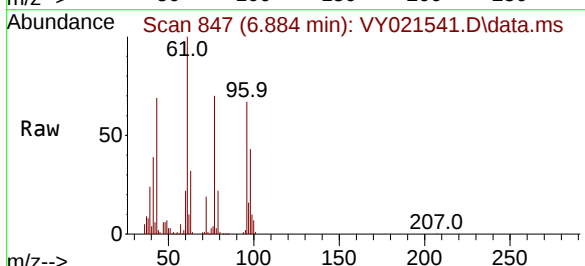
Acq: 14 Mar 2025 15:47

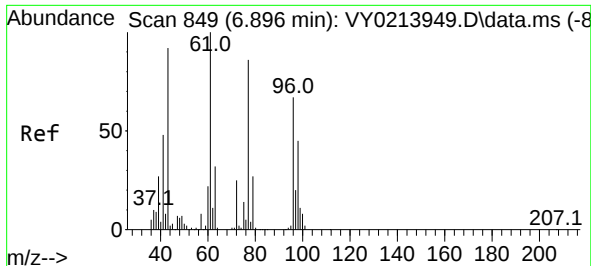
Tgt Ion: 77 Resp: 151662

Ion Ratio Lower Upper

77 100

97 23.1 11.3 33.8

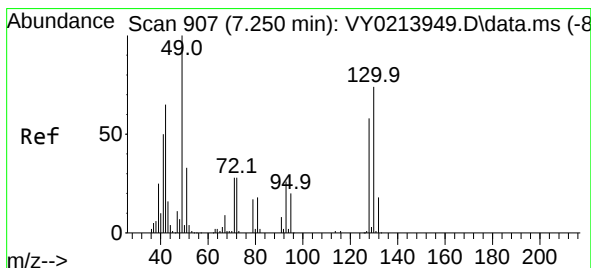
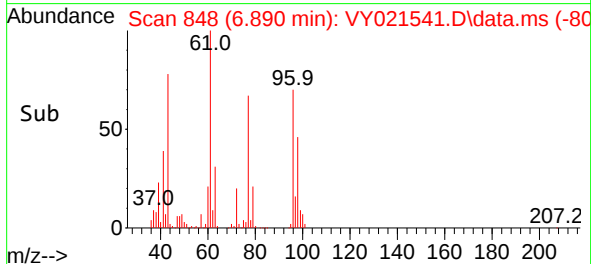
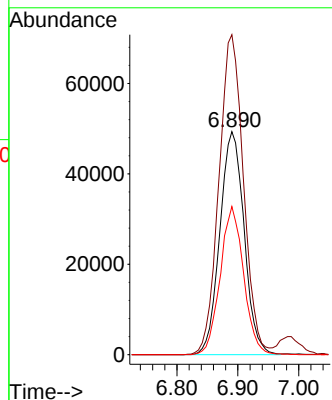
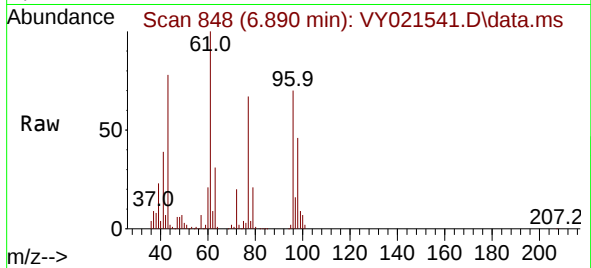




#27
 cis-1,2-Dichloroethene
 Concen: 52.527 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY021541.D
 Acq: 14 Mar 2025 15:47

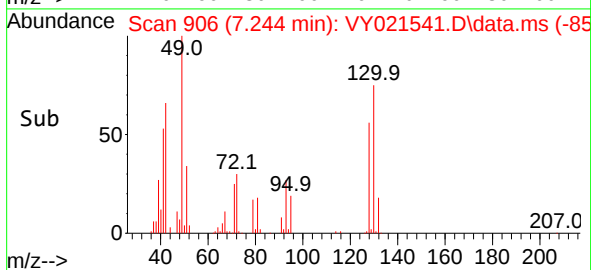
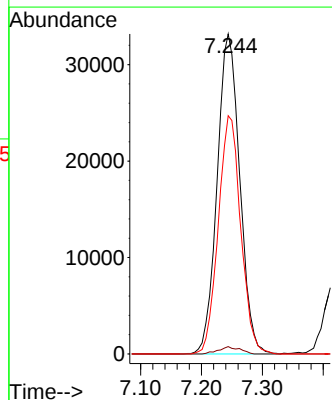
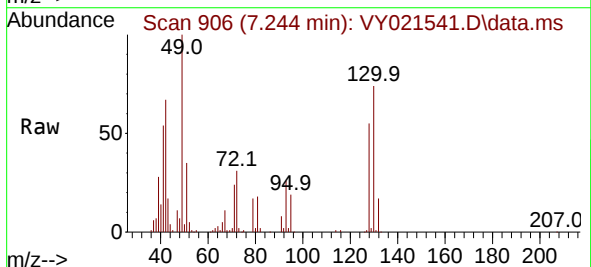
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

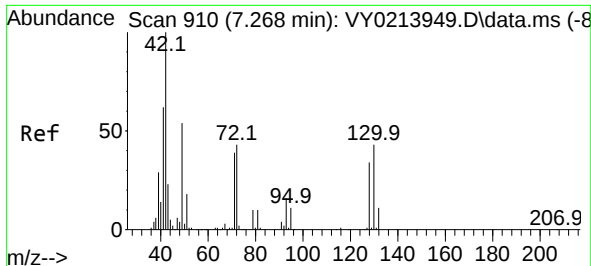
Tgt Ion: 96 Resp: 136634
 Ion Ratio Lower Upper
 96 100
 61 144.8 0.0 300.8
 98 64.1 0.0 130.0



#28
 Bromochloromethane
 Concen: 48.536 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021541.D
 Acq: 14 Mar 2025 15:47

Tgt Ion: 49 Resp: 85516
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 73.8 59.6 89.4





#29

Tetrahydrofuran

Concen: 269.779 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY021541.D

Acq: 14 Mar 2025 15:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

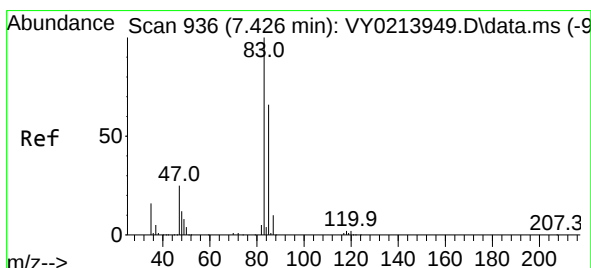
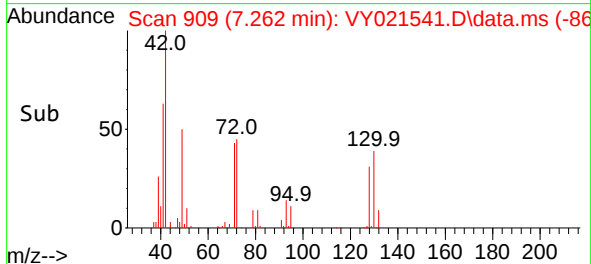
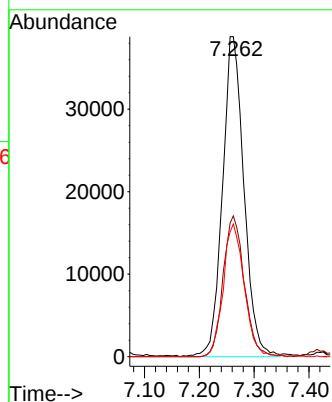
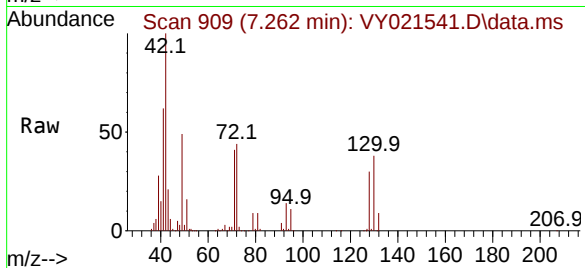
Tgt Ion: 42 Resp: 105711

Ion Ratio Lower Upper

42 100

72 43.4 34.8 52.2

71 40.7 32.6 48.8



#30

Chloroform

Concen: 53.103 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY021541.D

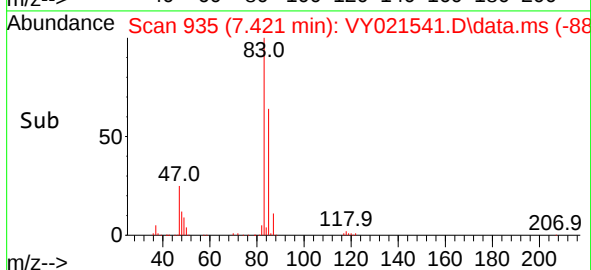
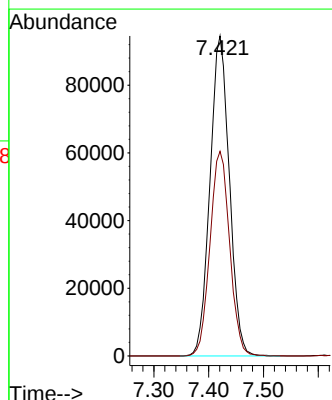
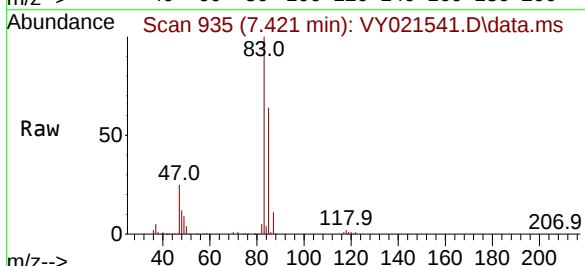
Acq: 14 Mar 2025 15:47

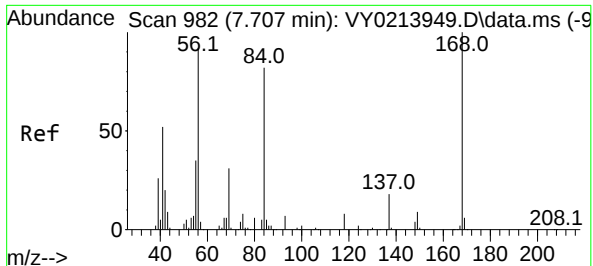
Tgt Ion: 83 Resp: 231742

Ion Ratio Lower Upper

83 100

85 64.0 53.1 79.7





#31

Cyclohexane

Concen: 45.038 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.006 min

Lab File: VY021541.D

Acq: 14 Mar 2025 15:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

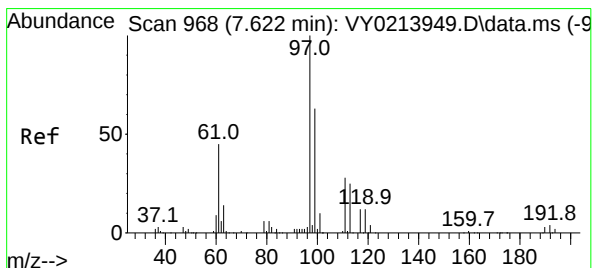
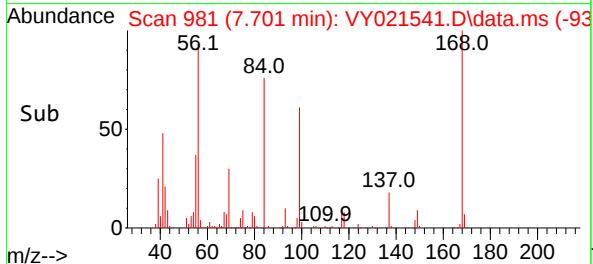
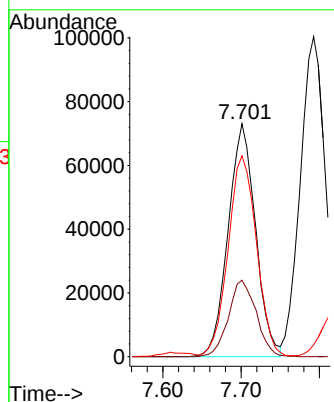
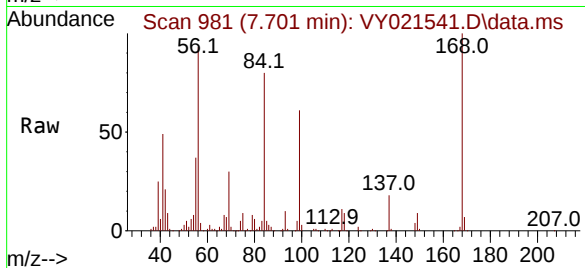
Tgt Ion: 56 Resp: 177449

Ion Ratio Lower Upper

56 100

69 32.8 27.0 40.4

84 84.7 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 50.525 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY021541.D

Acq: 14 Mar 2025 15:47

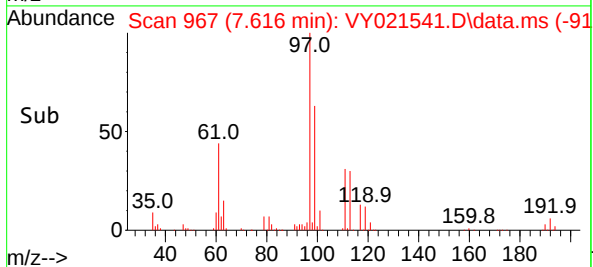
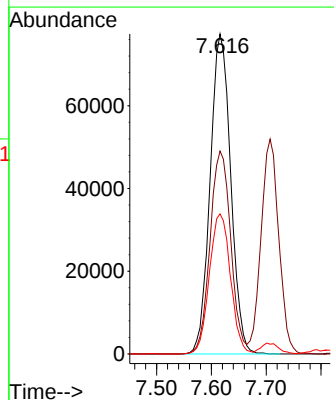
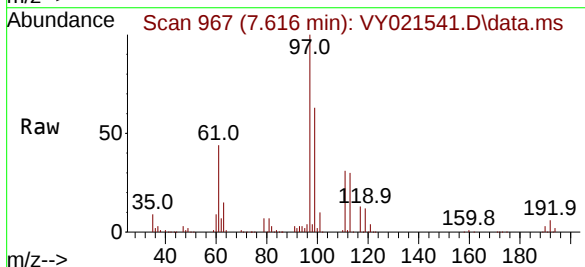
Tgt Ion: 97 Resp: 201887

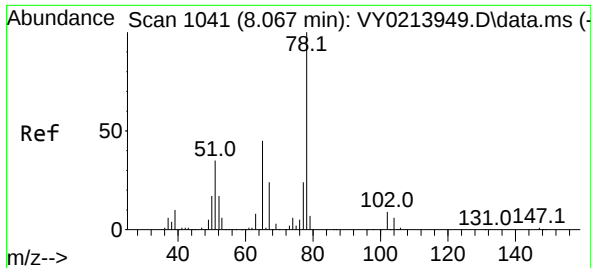
Ion Ratio Lower Upper

97 100

99 63.9 51.7 77.5

61 44.9 35.7 53.5

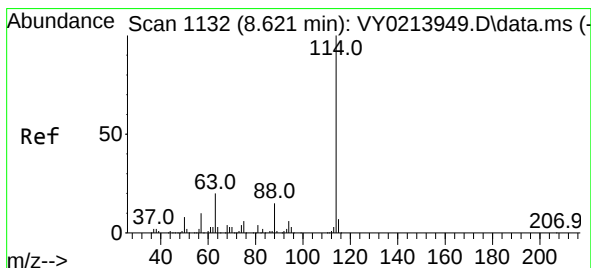
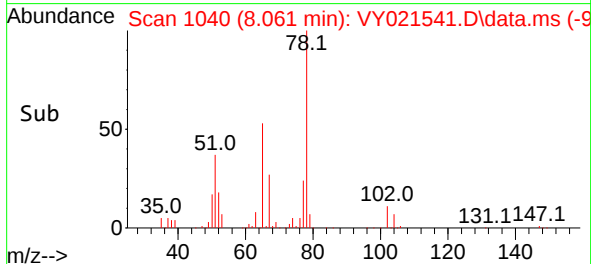
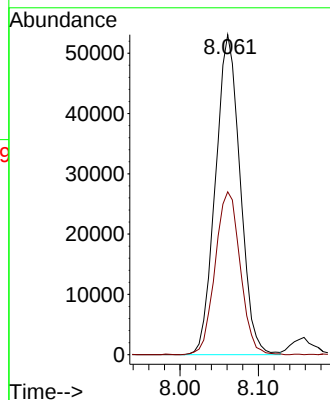
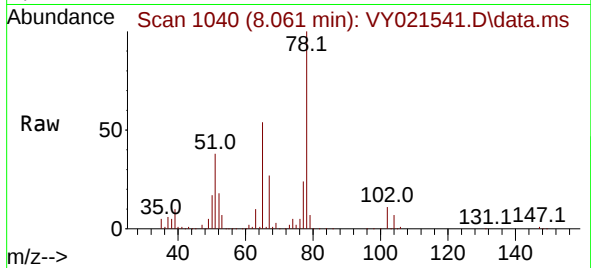




#33
 1,2-Dichloroethane-d4
 Concen: 55.251 ug/l
 RT: 8.061 min Scan# 1103
 Delta R.T. -0.006 min
 Lab File: VY021541.D
 Acq: 14 Mar 2025 15:47

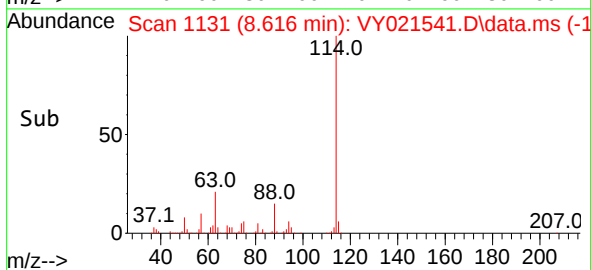
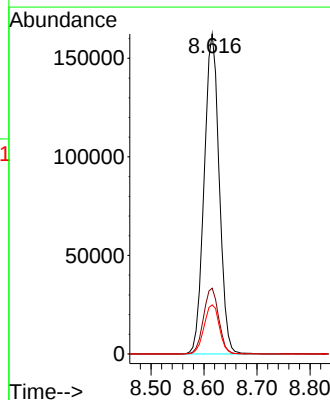
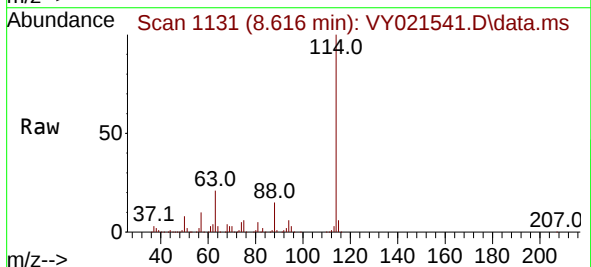
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

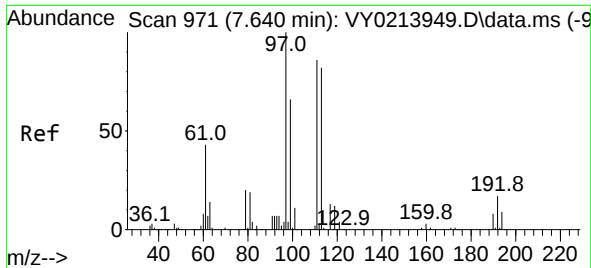
Tgt Ion: 65 Resp: 116233
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. -0.006 min
 Lab File: VY021541.D
 Acq: 14 Mar 2025 15:47

Tgt Ion: 114 Resp: 319825
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.8
 88 15.4 0.0 30.8

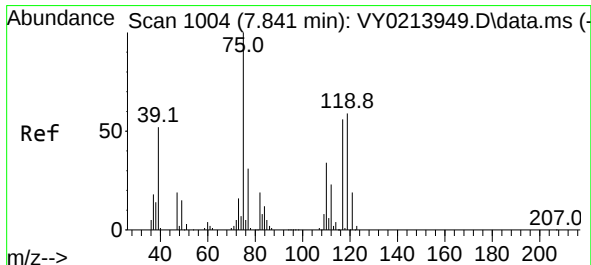
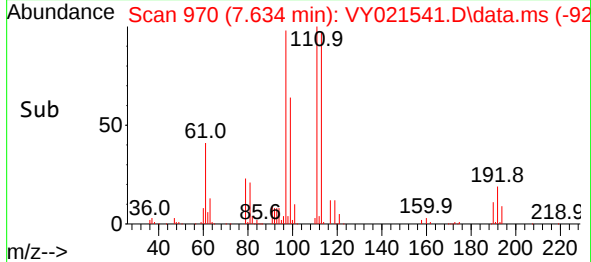
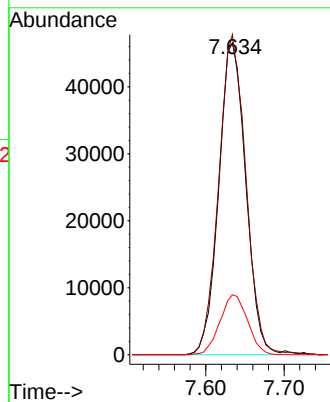
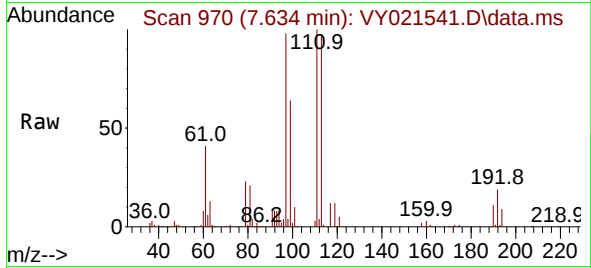




#35
Dibromofluoromethane
Concen: 53.041 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

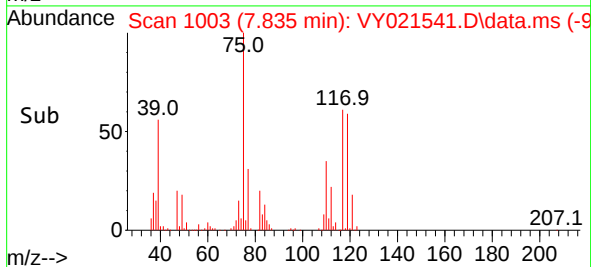
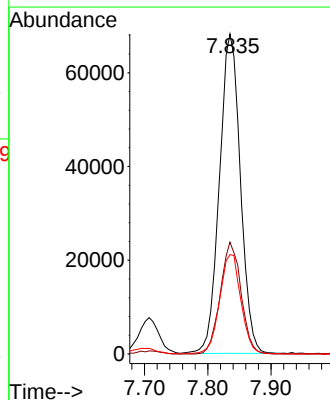
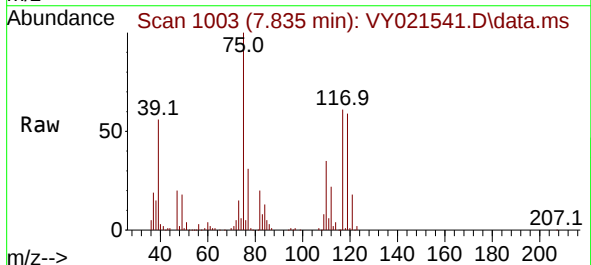
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

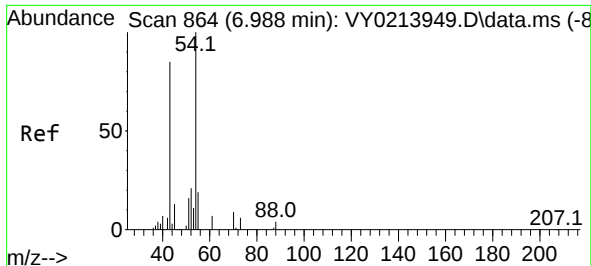
Tgt Ion:113 Resp: 111505
Ion Ratio Lower Upper
113 100
111 103.1 82.0 123.0
192 19.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 47.588 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

Tgt Ion: 75 Resp: 156596
Ion Ratio Lower Upper
75 100
110 34.6 17.3 51.7
77 31.7 25.4 38.2





#37

Ethyl Acetate

Concen: 49.388 ug/l

RT: 6.982 min Scan# 81

Delta R.T. -0.006 min

Lab File: VY021541.D

Acq: 14 Mar 2025 15:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

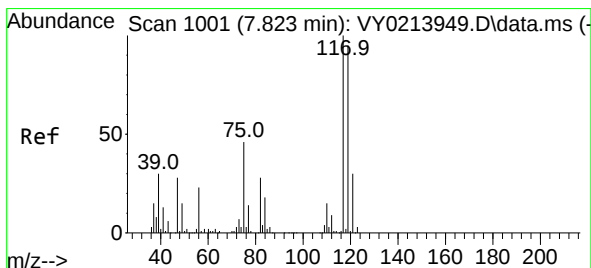
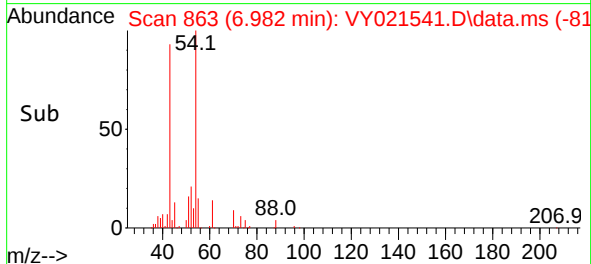
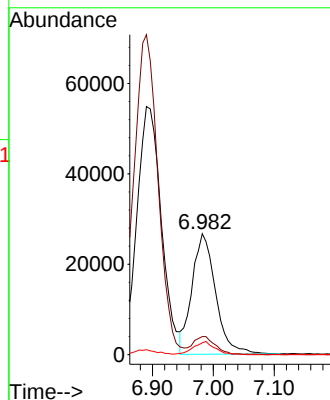
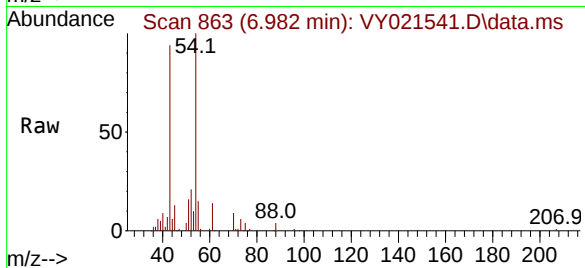
Tgt Ion: 43 Resp: 71832

Ion Ratio Lower Upper

43 100

61 14.2 11.4 17.0

70 10.0 8.2 12.2



#38

Carbon Tetrachloride

Concen: 47.927 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021541.D

Acq: 14 Mar 2025 15:47

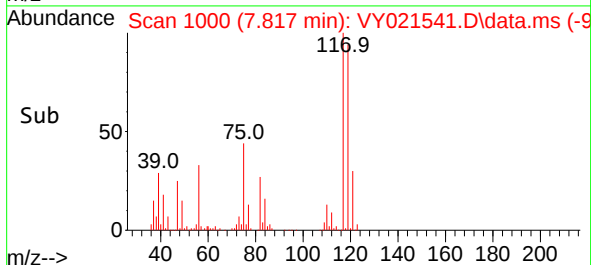
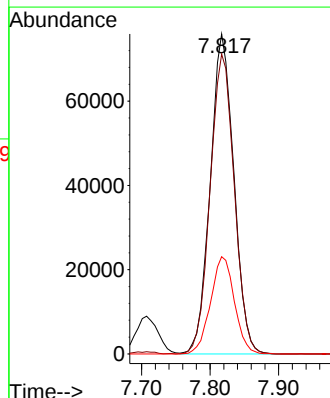
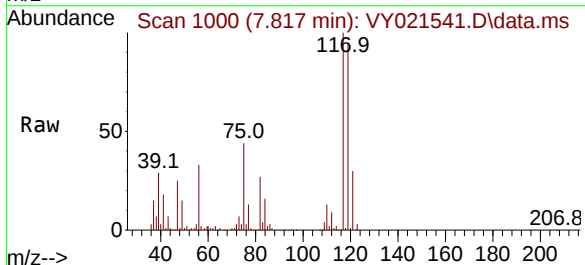
Tgt Ion: 117 Resp: 181383

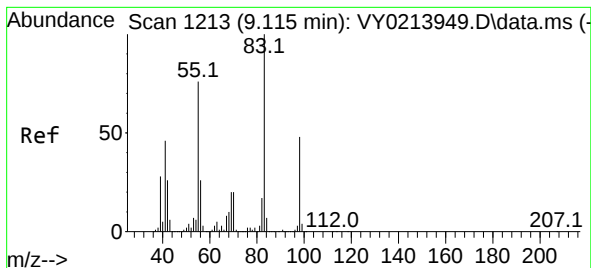
Ion Ratio Lower Upper

117 100

119 93.7 75.8 113.8

121 30.4 23.9 35.9

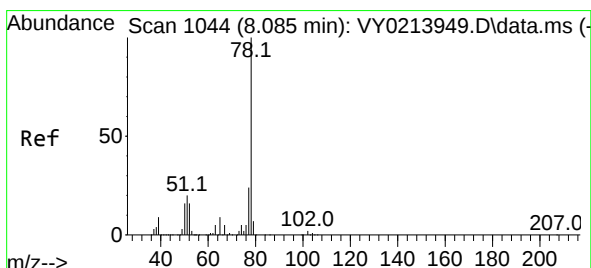
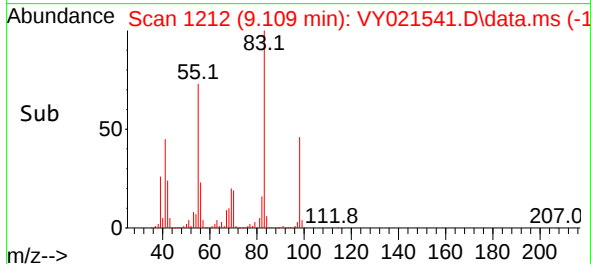
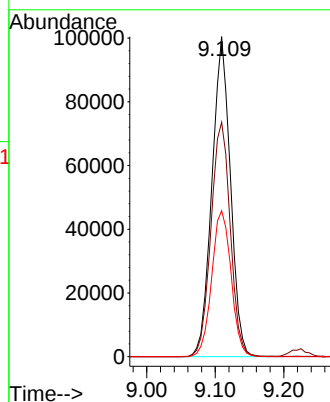
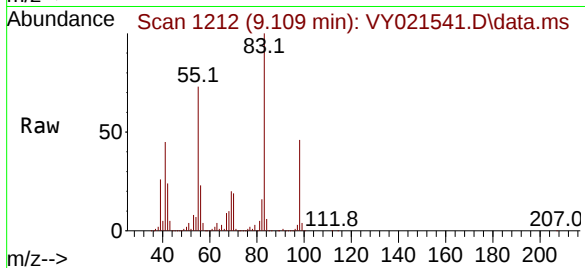




#39
Methylcyclohexane
Concen: 46.601 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

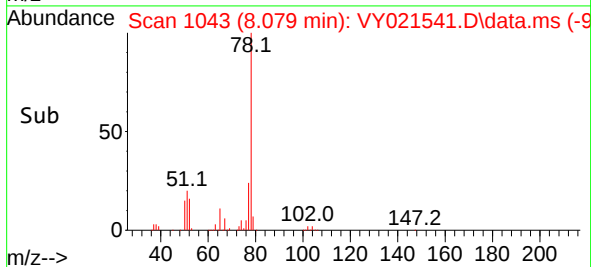
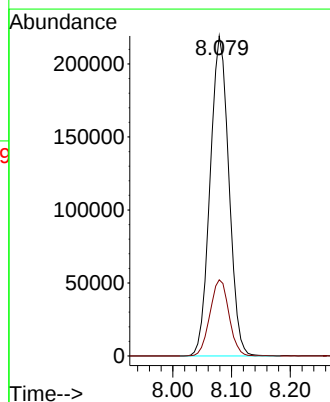
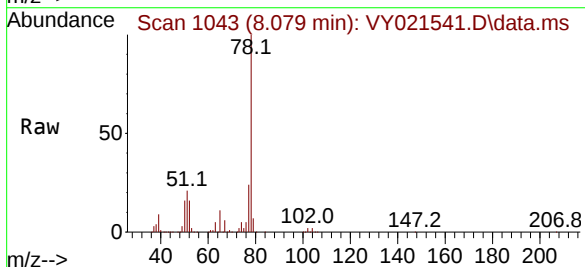
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

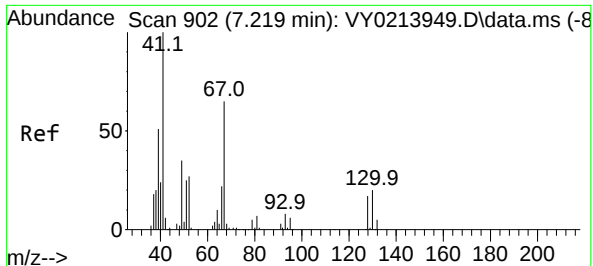
Tgt Ion: 83 Resp: 188103
Ion Ratio Lower Upper
83 100
55 73.3 60.7 91.1
98 45.6 38.6 57.8



#40
Benzene
Concen: 50.107 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

Tgt Ion: 78 Resp: 485723
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4

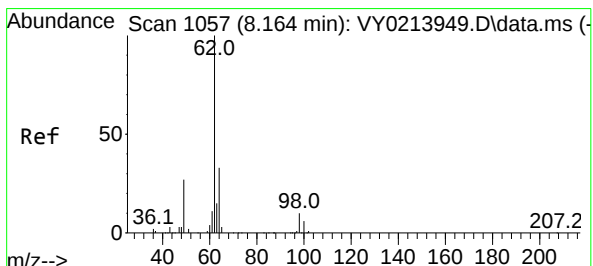
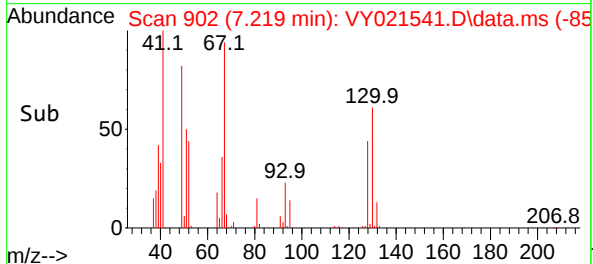
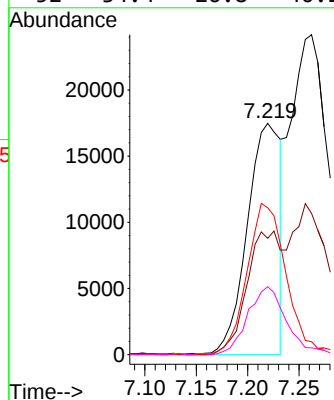
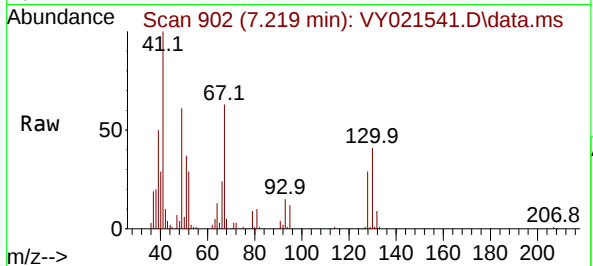




#41
Methacrylonitrile
Concen: 49.656 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

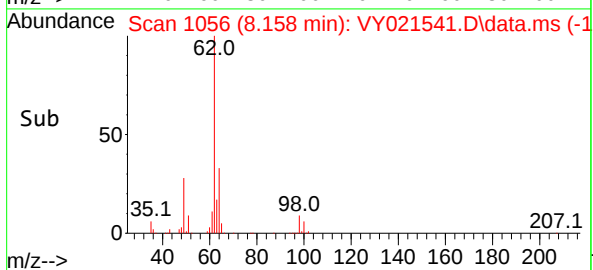
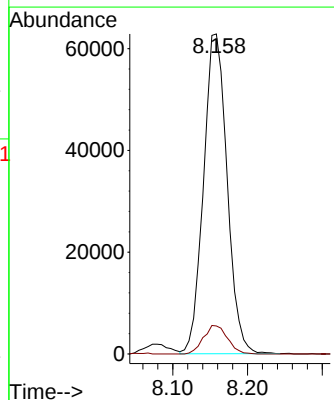
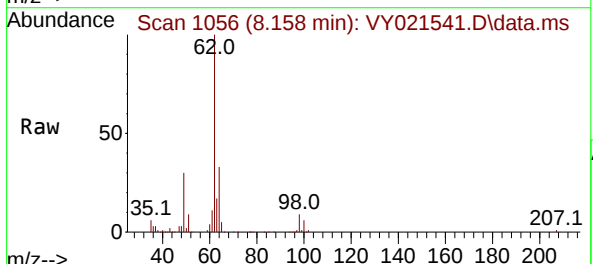
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

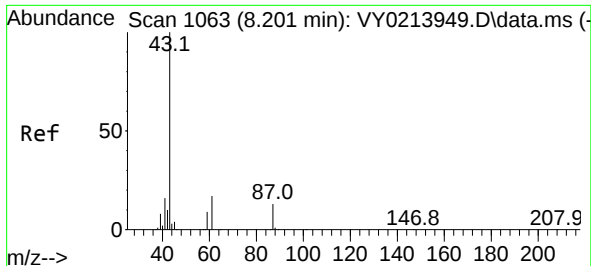
Tgt Ion:	41	Resp:	39325
Ion	Ratio	Lower	Upper
41	100		
39	60.5	35.0	52.6#
67	77.0	61.2	91.8
52	34.4	26.8	40.2



#42
1,2-Dichloroethane
Concen: 50.847 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

Tgt Ion:	62	Resp:	137890
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.2

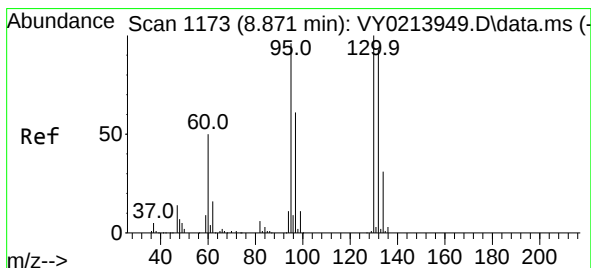
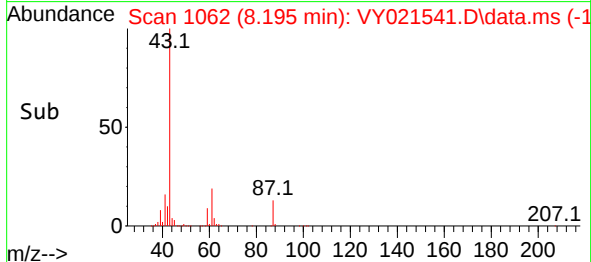
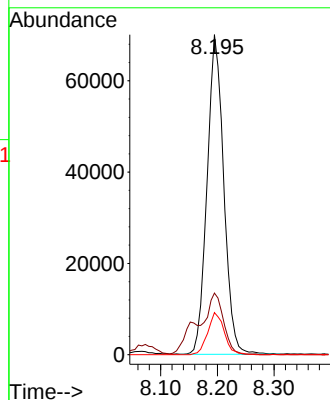
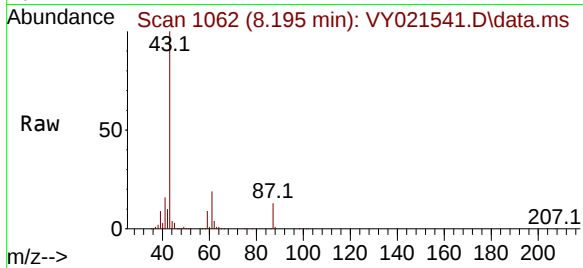




#43
Isopropyl Acetate
Concen: 50.687 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

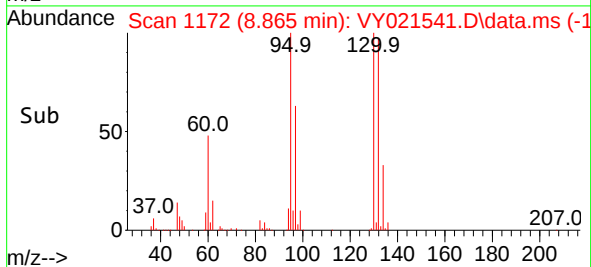
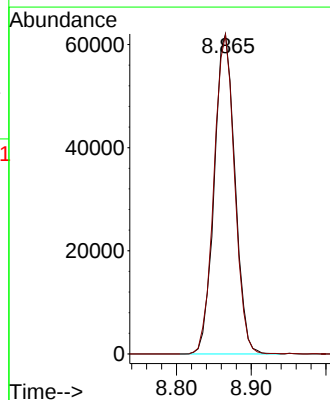
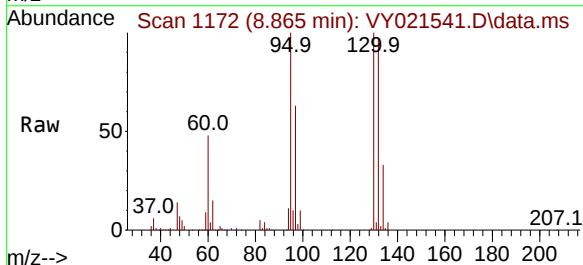
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

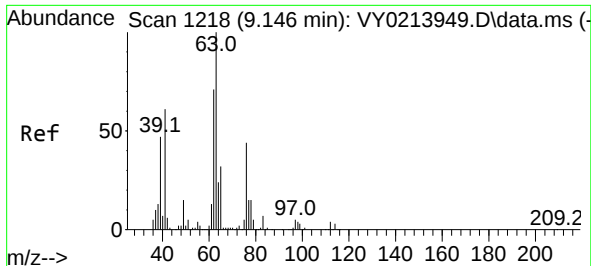
Tgt Ion: 43 Resp: 143111
Ion Ratio Lower Upper
43 100
61 19.5 23.4 35.0#
87 13.1 10.5 15.7



#44
Trichloroethene
Concen: 48.818 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

Tgt Ion:130 Resp: 119584
Ion Ratio Lower Upper
130 100
95 99.7 0.0 191.6





#45

1,2-Dichloropropane

Concen: 51.469 ug/l

RT: 9.140 min Scan# 118744

Delta R.T. -0.006 min

Lab File: VY021541.D

Acq: 14 Mar 2025 15:47

Instrument :

MSVOA_Y

ClientSampleId :

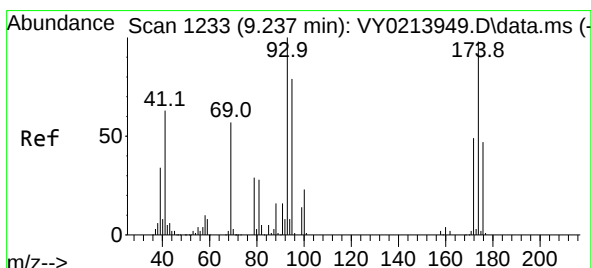
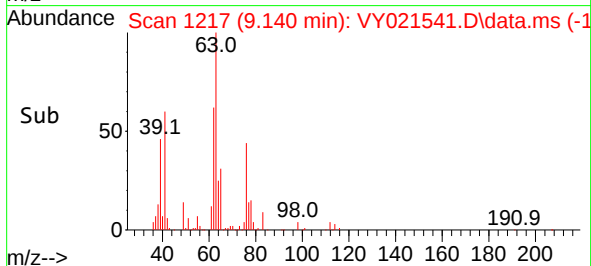
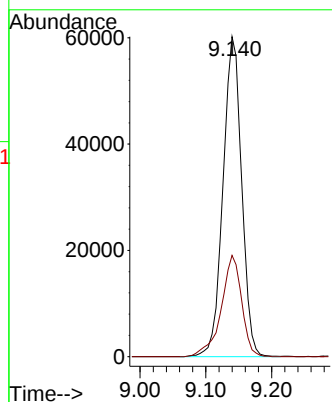
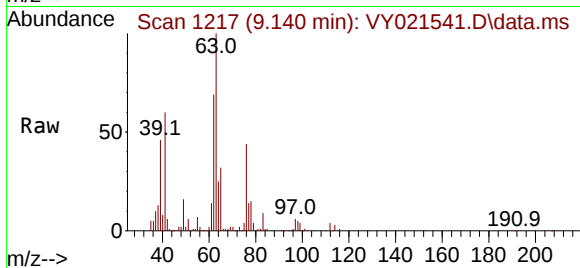
VSTDCCC050EC

Tgt Ion: 63 Resp: 118744

Ion Ratio Lower Upper

63 100

65 31.7 26.0 39.0



#46

Dibromomethane

Concen: 52.239 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021541.D

Acq: 14 Mar 2025 15:47

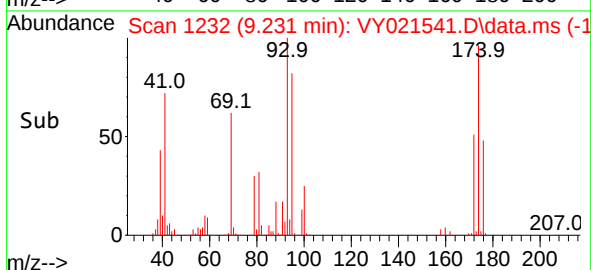
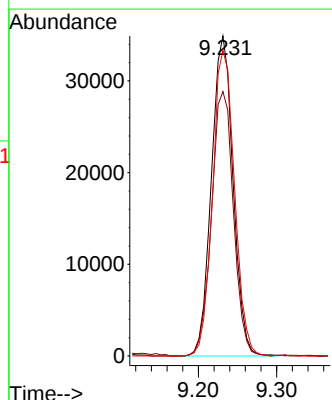
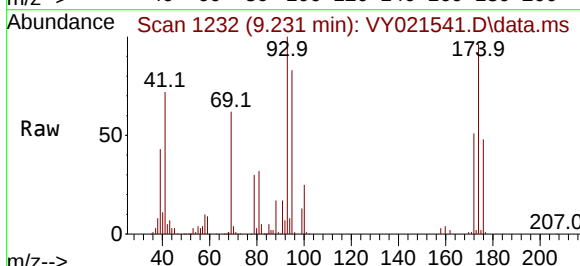
Tgt Ion: 93 Resp: 67058

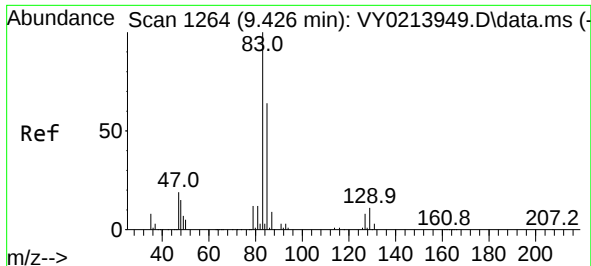
Ion Ratio Lower Upper

93 100

95 83.7 65.8 98.8

174 96.5 77.9 116.9

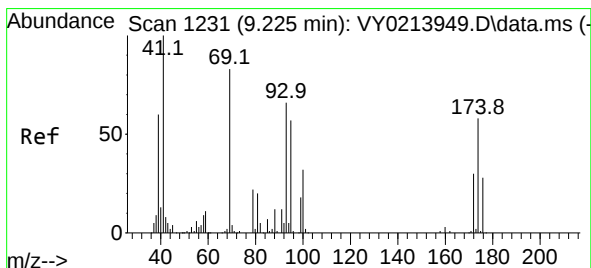
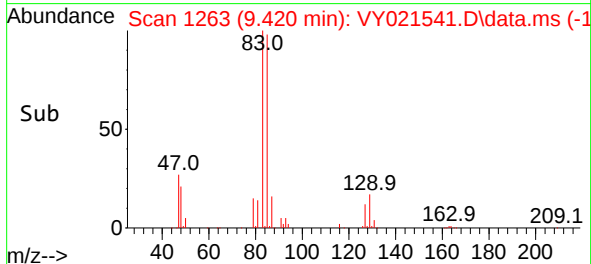
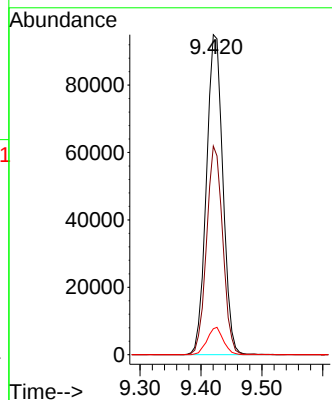
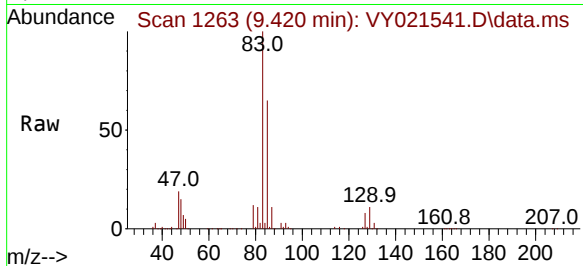




#47
Bromodichloromethane
Concen: 52.265 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

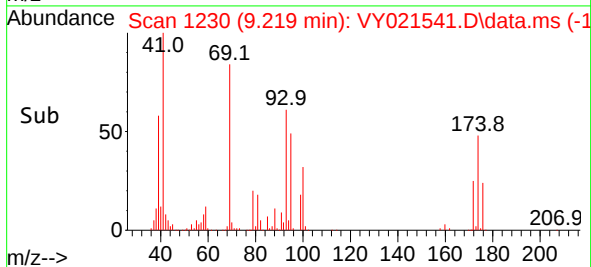
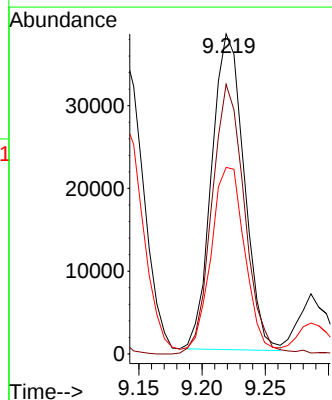
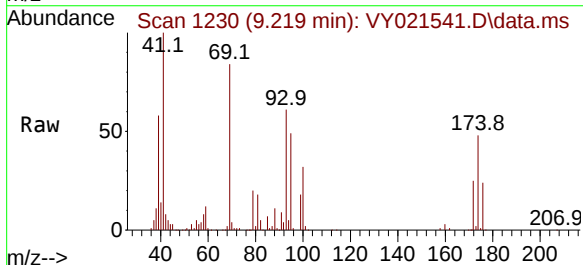
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

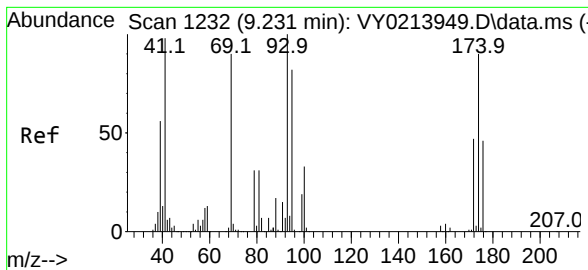
Tgt Ion: 83 Resp: 178176
Ion Ratio Lower Upper
83 100
85 65.2 51.1 76.7
127 8.1 6.7 10.1



#48
Methyl methacrylate
Concen: 52.563 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

Tgt Ion: 41 Resp: 68148
Ion Ratio Lower Upper
41 100
69 86.2 67.8 101.8
39 58.9 46.4 69.6

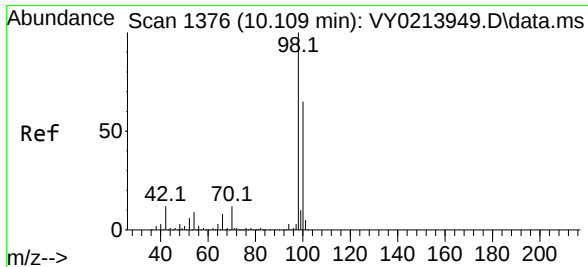
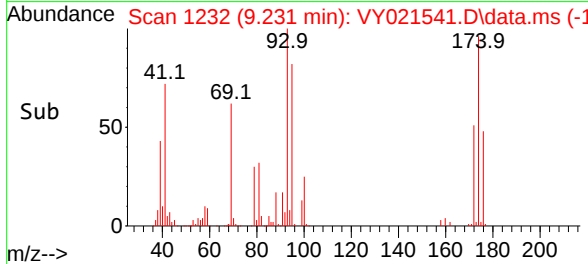
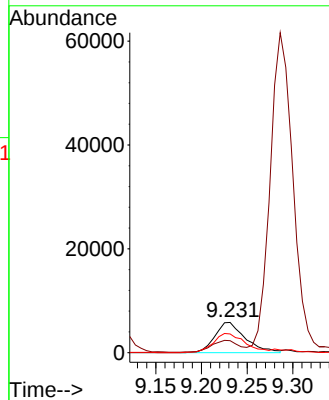
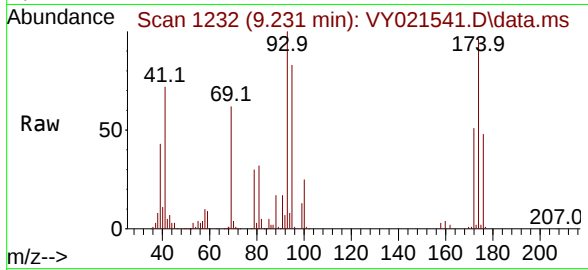




#49
1,4-Dioxane
Concen: 1071.443 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

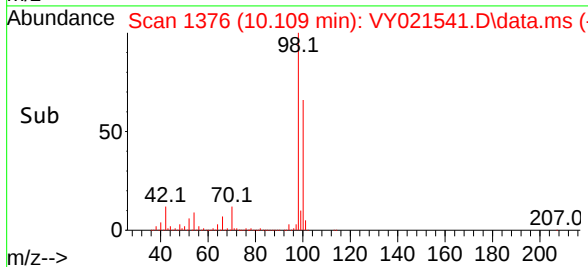
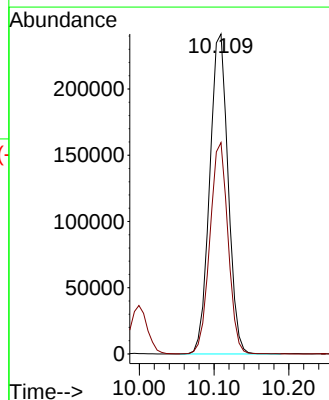
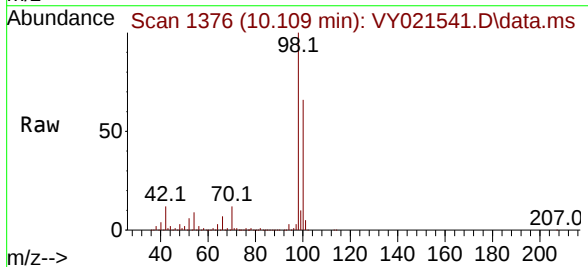
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

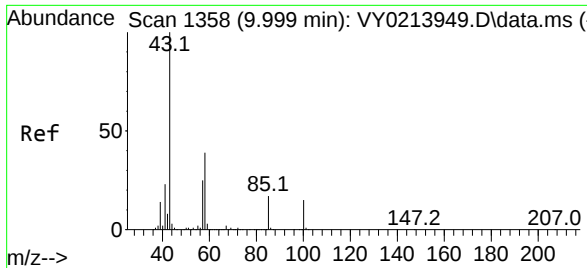
Tgt Ion: 88 Resp: 13500
Ion Ratio Lower Upper
88 100
43 35.3 25.0 37.4
58 65.9 58.4 87.6



#50
Toluene-d8
Concen: 51.744 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

Tgt Ion: 98 Resp: 411873
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1

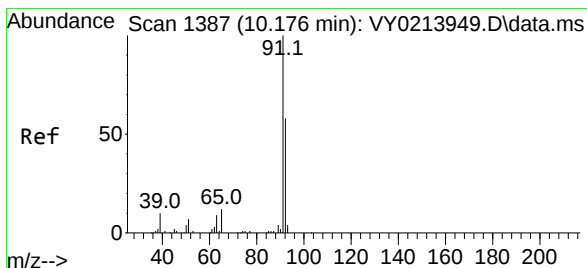
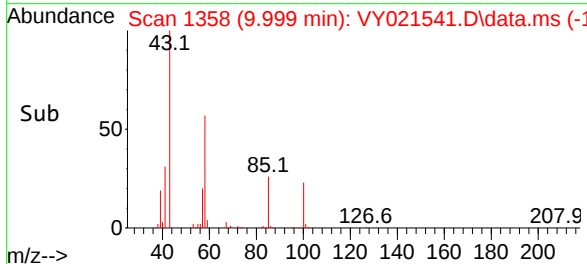
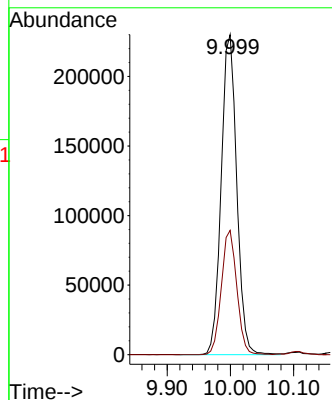
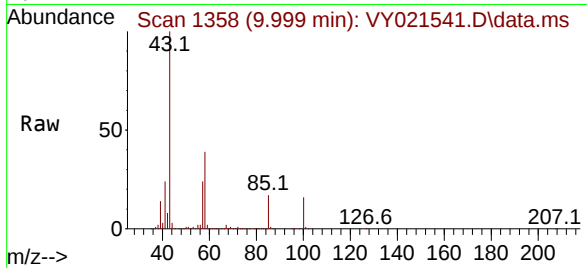




#51
4-Methyl-2-Pentanone
Concen: 267.904 ug/l
RT: 9.999 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

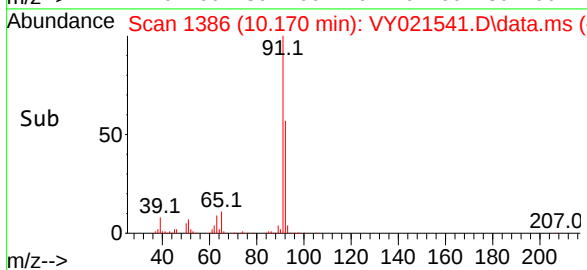
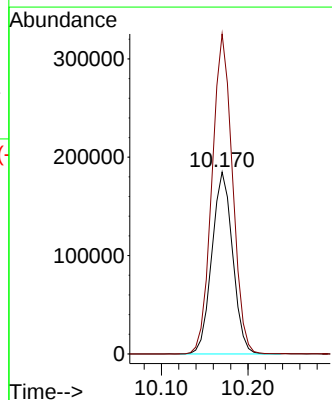
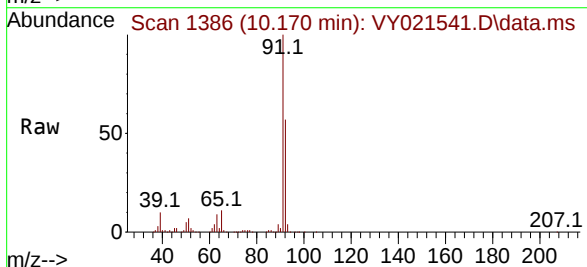
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

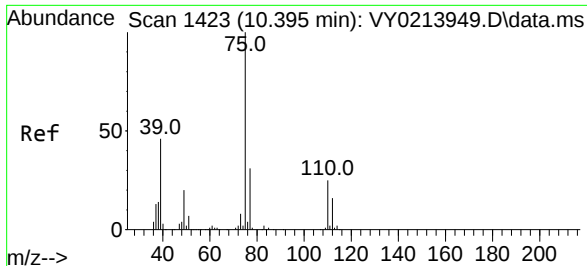
Tgt Ion: 43 Resp: 390283
Ion Ratio Lower Upper
43 100
58 38.7 31.4 47.2



#52
Toluene
Concen: 50.198 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

Tgt Ion: 92 Resp: 306785
Ion Ratio Lower Upper
92 100
91 174.7 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 50.151 ug/l

RT: 10.390 min Scan# 1423

Delta R.T. -0.006 min

Lab File: VY021541.D

Acq: 14 Mar 2025 15:47

Instrument :

MSVOA_Y

ClientSampleId :

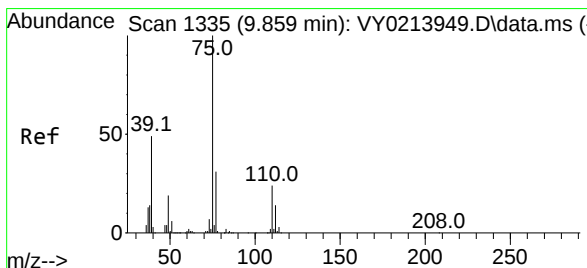
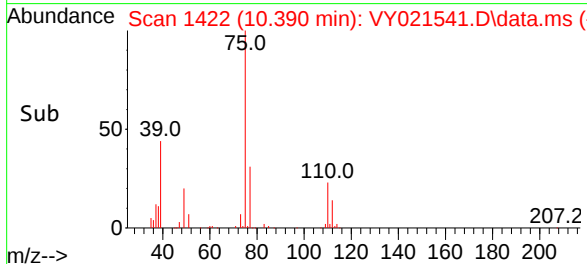
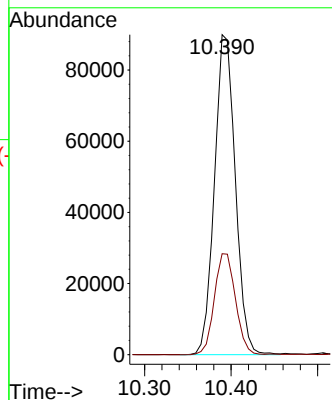
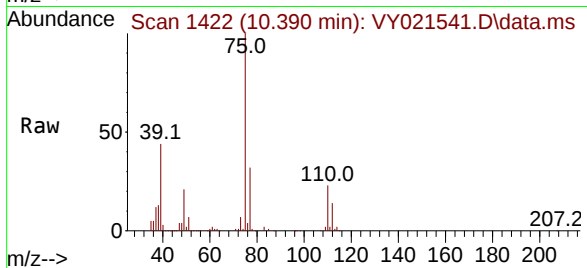
VSTDCCC050EC

Tgt Ion: 75 Resp: 150626

Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 49.159 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY021541.D

Acq: 14 Mar 2025 15:47

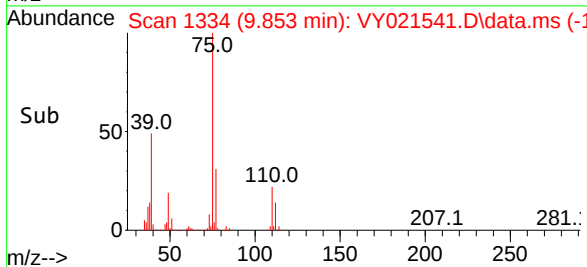
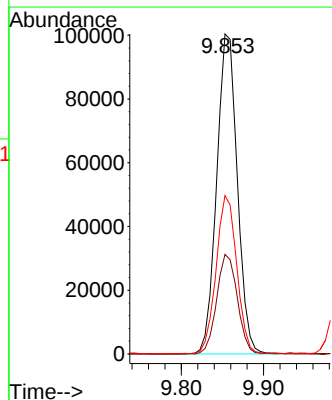
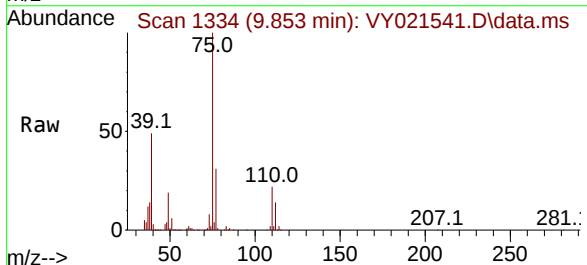
Tgt Ion: 75 Resp: 175297

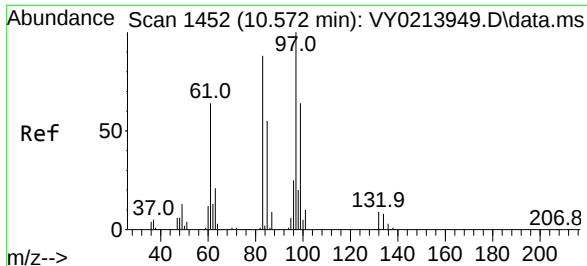
Ion Ratio Lower Upper

75 100

77 31.1 24.6 37.0

39 49.4 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 52.719 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021541.D

Acq: 14 Mar 2025 15:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 88525

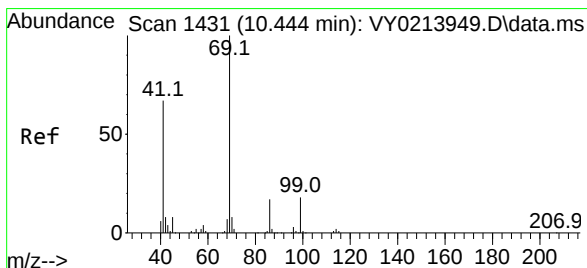
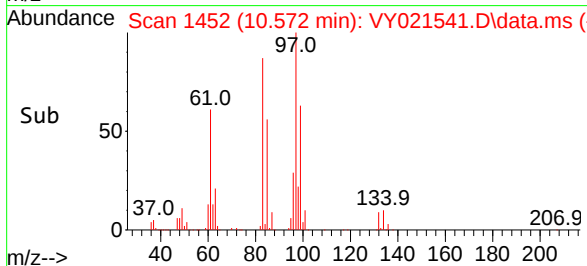
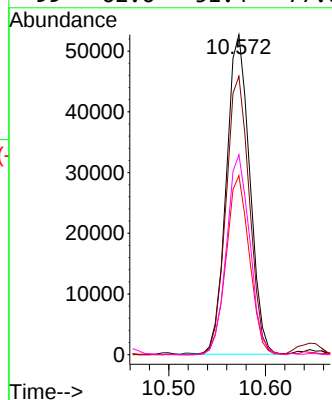
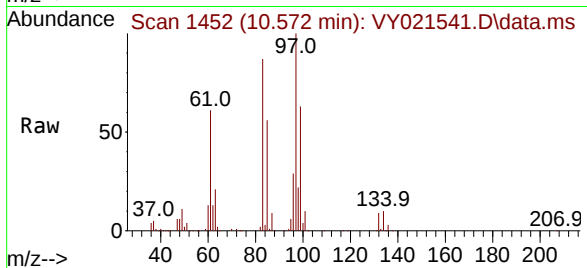
Ion Ratio Lower Upper

97 100

83 87.1 70.0 105.0

85 56.0 44.3 66.5

99 62.6 51.4 77.0



#56

Ethyl methacrylate

Concen: 54.244 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021541.D

Acq: 14 Mar 2025 15:47

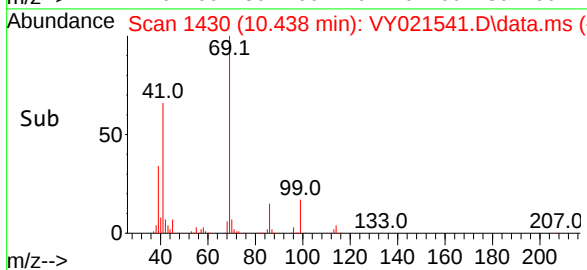
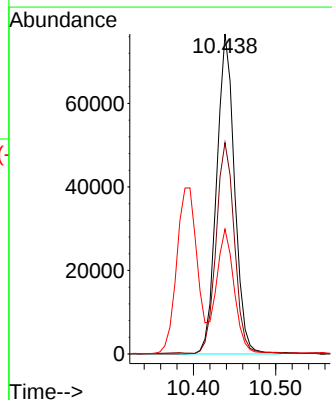
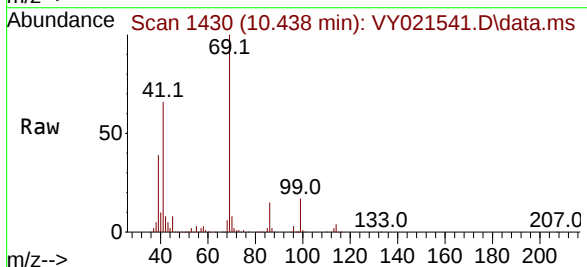
Tgt Ion: 69 Resp: 116167

Ion Ratio Lower Upper

69 100

41 67.0 53.3 79.9

39 39.3 31.0 46.6





#57

1,3-Dichloropropane

Concen: 51.825 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021541.D

Acq: 14 Mar 2025 15:47

Instrument :

MSVOA_Y

ClientSampleId :

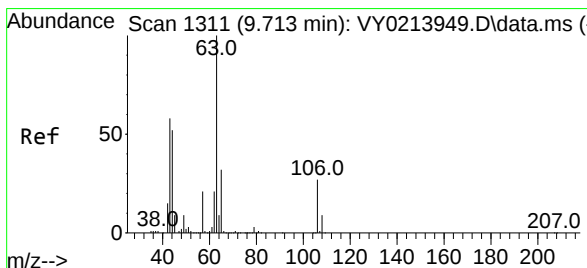
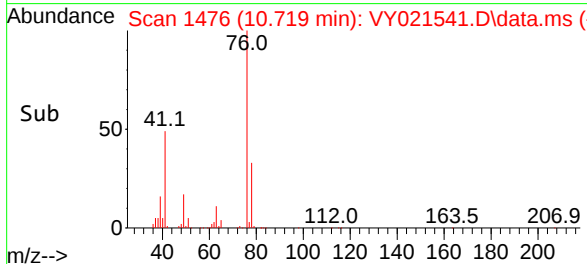
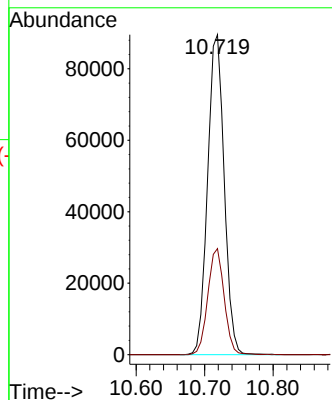
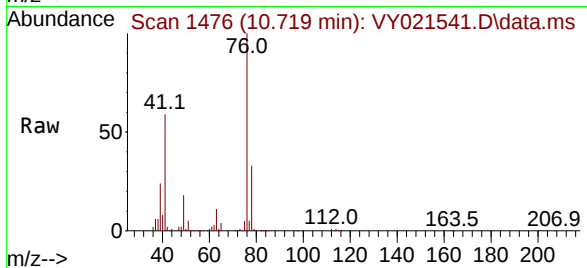
VSTDCCC050EC

Tgt Ion: 76 Resp: 150828

Ion Ratio Lower Upper

76 100

78 32.8 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 287.939 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021541.D

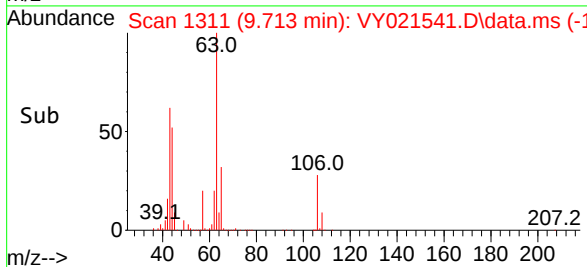
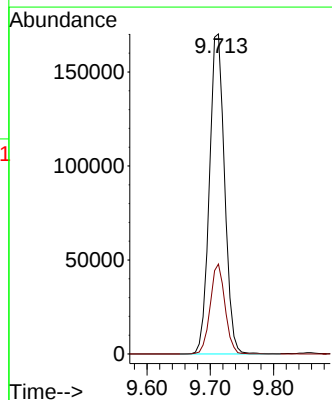
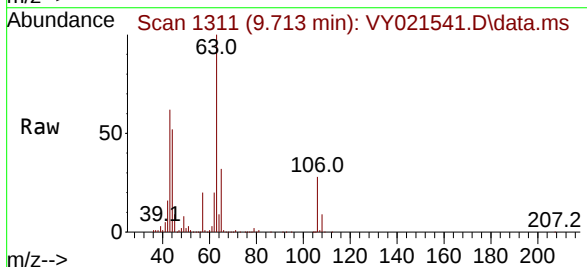
Acq: 14 Mar 2025 15:47

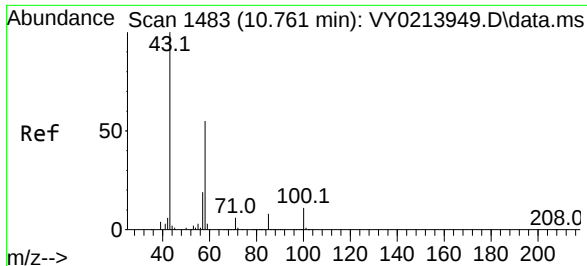
Tgt Ion: 63 Resp: 284656

Ion Ratio Lower Upper

63 100

106 27.3 22.1 33.1





#59

2-Hexanone

Concen: 266.492 ug/l

RT: 10.761 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021541.D

Acq: 14 Mar 2025 15:47

Instrument :

MSVOA_Y

ClientSampleId :

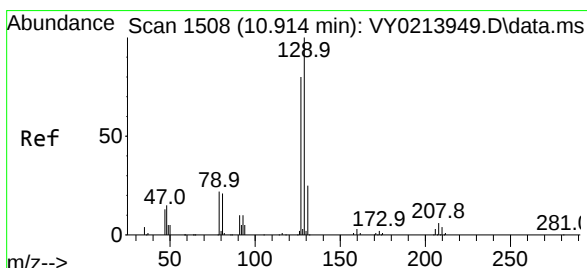
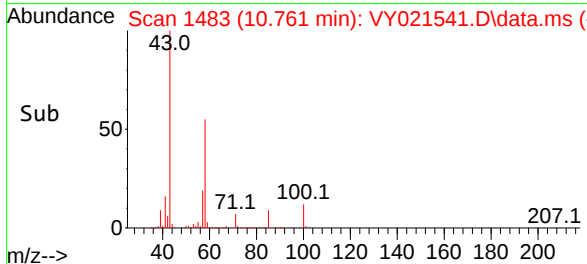
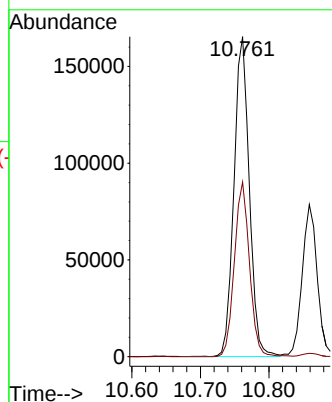
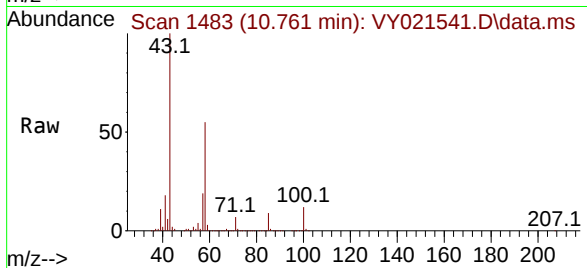
VSTDCCC050EC

Tgt Ion: 43 Resp: 256705

Ion Ratio Lower Upper

43 100

58 54.0 27.3 81.8



#60

Dibromochloromethane

Concen: 52.391 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. -0.006 min

Lab File: VY021541.D

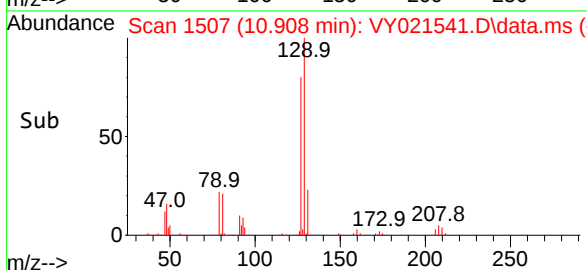
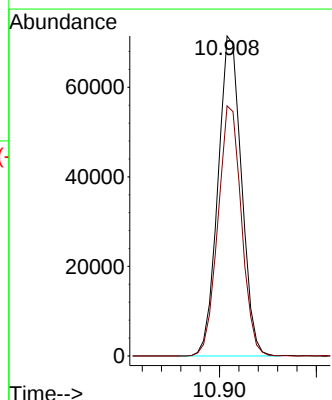
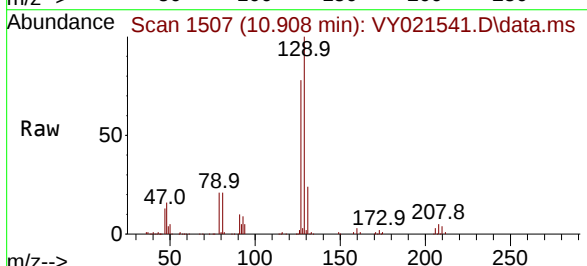
Acq: 14 Mar 2025 15:47

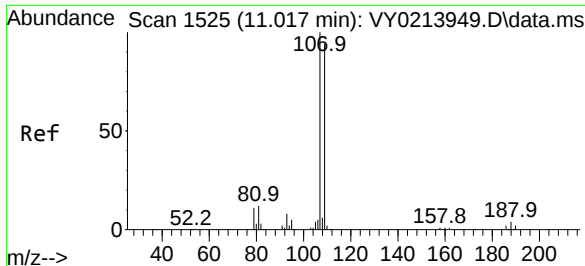
Tgt Ion: 129 Resp: 120607

Ion Ratio Lower Upper

129 100

127 77.9 39.1 117.3

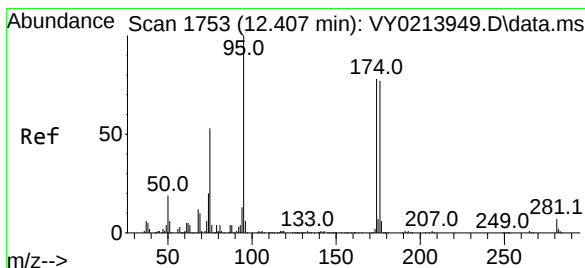
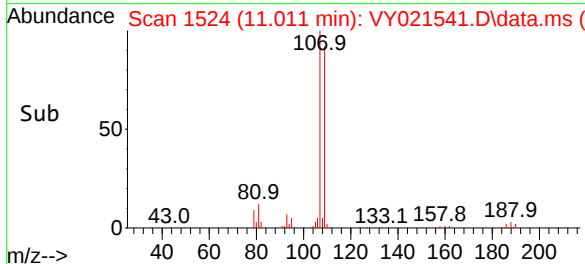
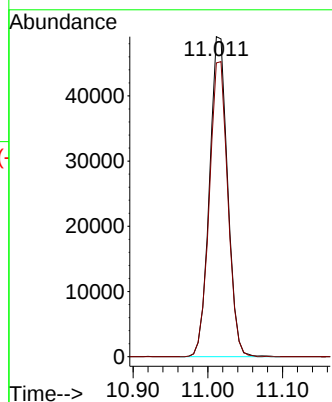
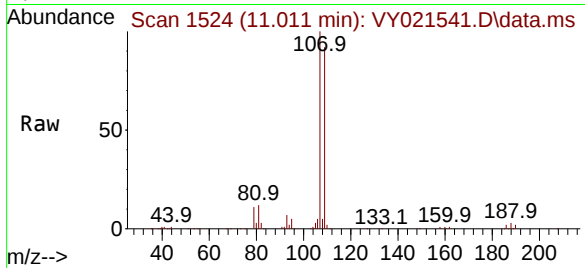




#61
1,2-Dibromoethane
Concen: 52.322 ug/l
RT: 11.011 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

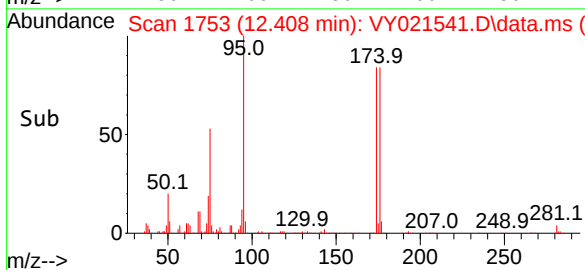
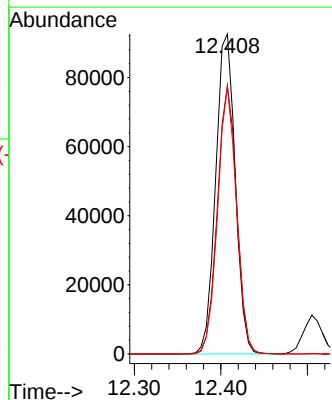
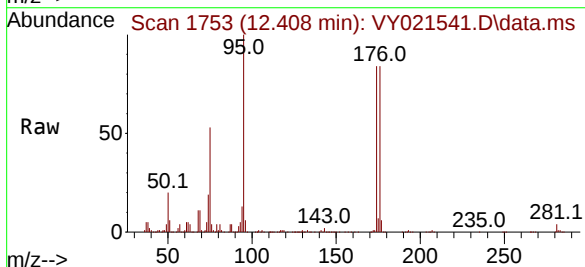
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

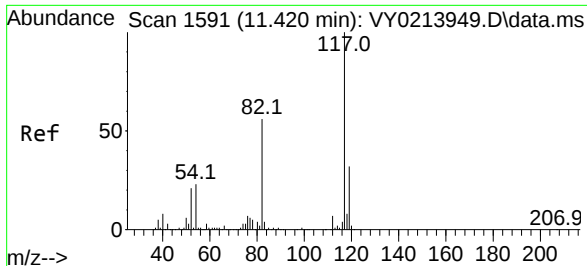
Tgt Ion:107 Resp: 82920
Ion Ratio Lower Upper
107 100
109 93.8 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 53.597 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

Tgt Ion: 95 Resp: 145119
Ion Ratio Lower Upper
95 100
174 83.0 0.0 165.0
176 80.3 0.0 160.0

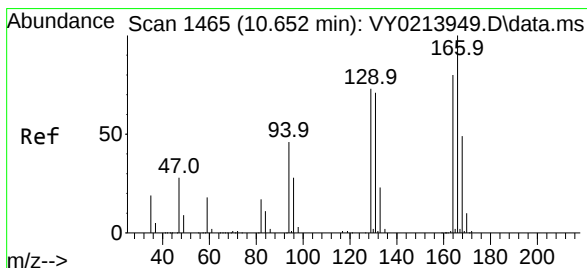
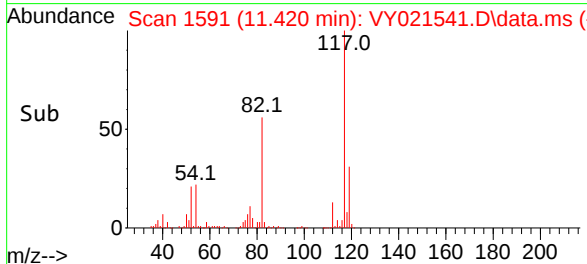
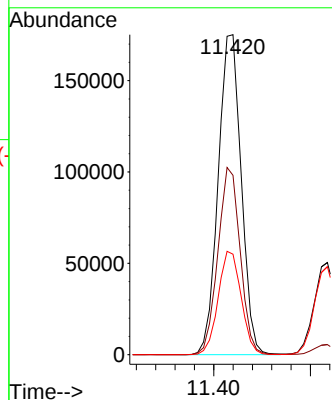
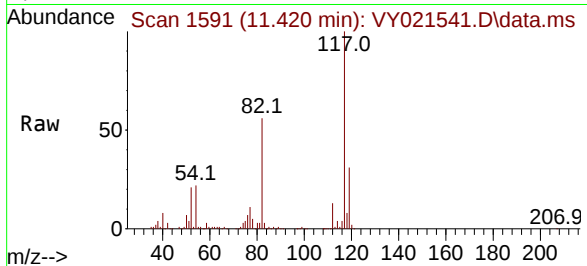




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

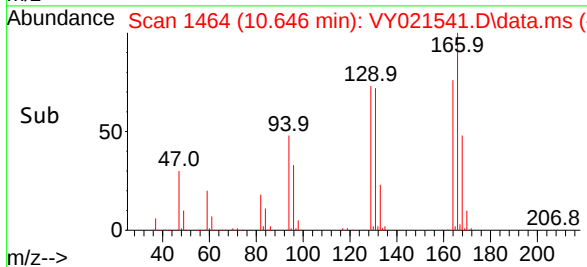
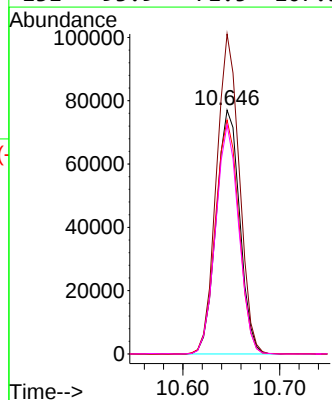
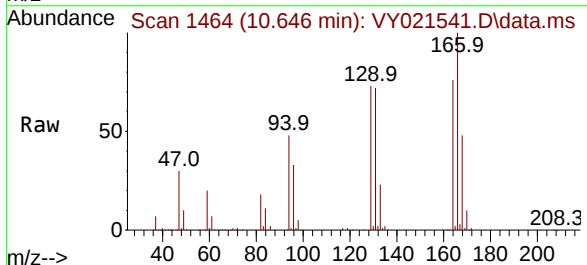
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

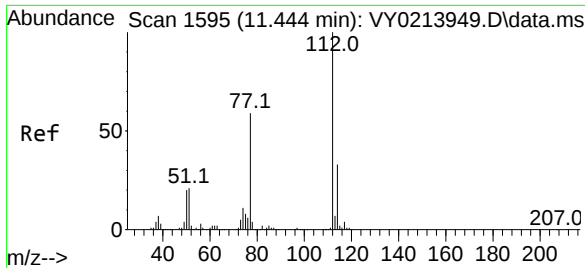
Tgt Ion:117 Resp: 289318
Ion Ratio Lower Upper
117 100
82 56.1 44.6 67.0
119 31.4 25.4 38.0



#64
Tetrachloroethene
Concen: 55.225 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

Tgt Ion:164 Resp: 129925
Ion Ratio Lower Upper
164 100
166 131.2 100.4 150.6
129 96.0 73.8 110.8
131 93.9 71.5 107.3

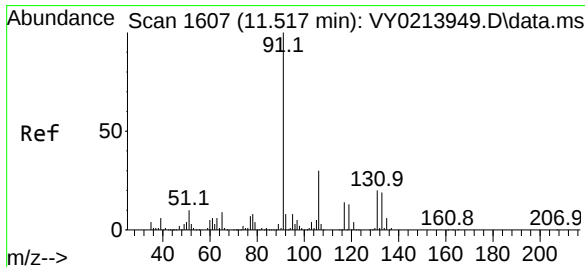
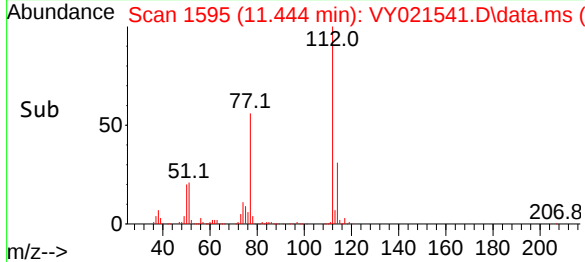
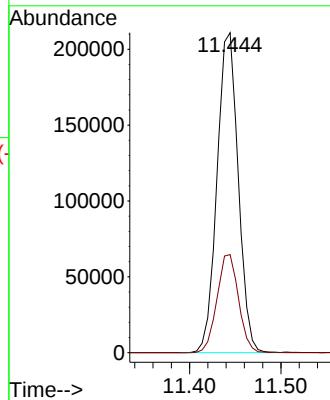
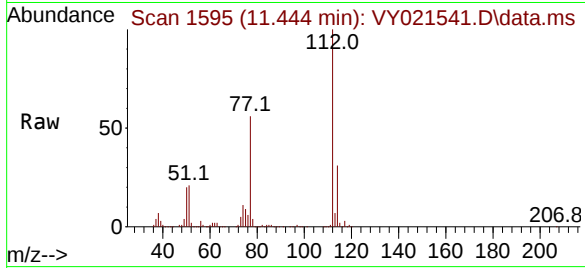




#65
Chlorobenzene
Concen: 49.776 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

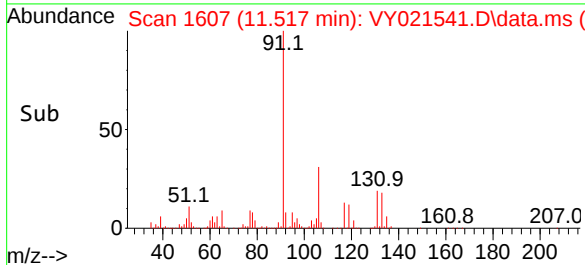
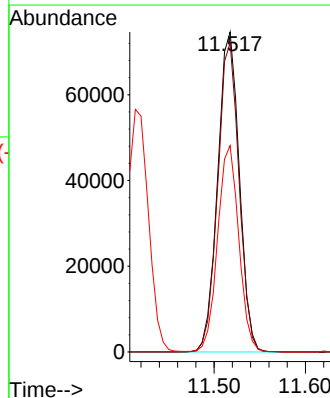
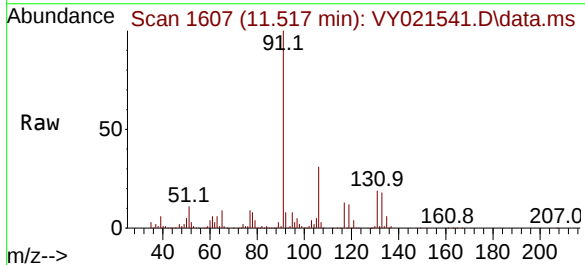
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

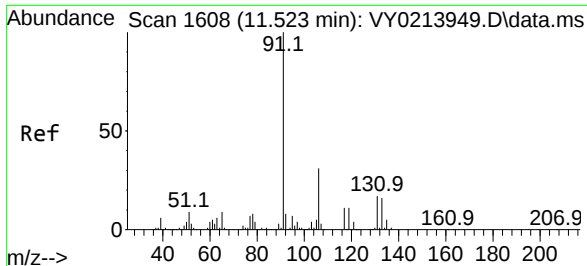
Tgt Ion:112 Resp: 340072
Ion Ratio Lower Upper
112 100
114 30.7 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.774 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

Tgt Ion:131 Resp: 122644
Ion Ratio Lower Upper
131 100
133 95.4 47.6 142.9
119 63.3 32.3 96.9





#67

Ethyl Benzene

Concen: 49.546 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021541.D

Acq: 14 Mar 2025 15:47

Instrument :

MSVOA_Y

ClientSampleId :

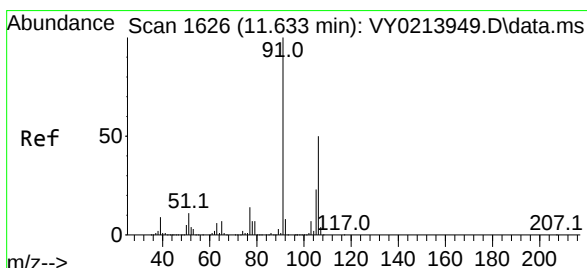
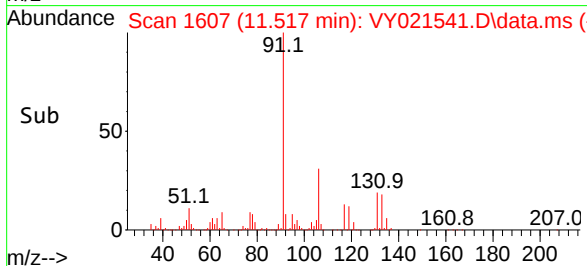
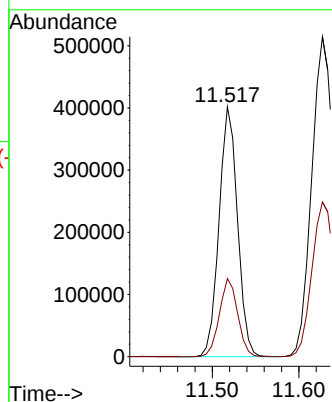
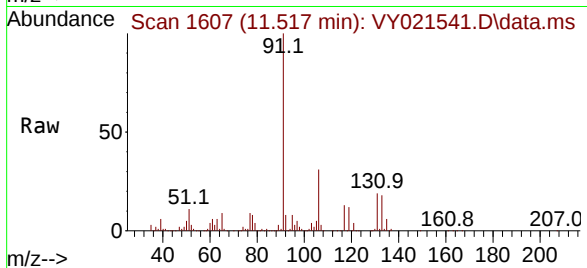
VSTDCCC050EC

Tgt Ion: 91 Resp: 594137

Ion Ratio Lower Upper

91 100

106 31.2 24.6 36.8



#68

m/p-Xylenes

Concen: 99.281 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021541.D

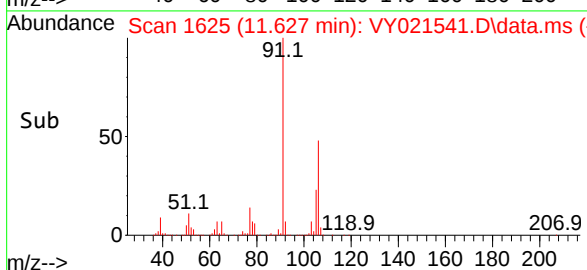
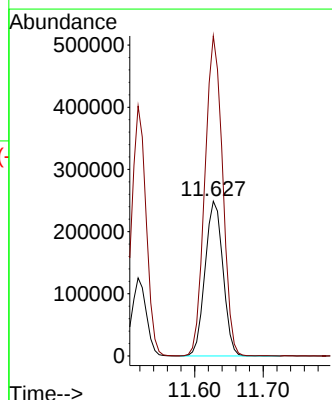
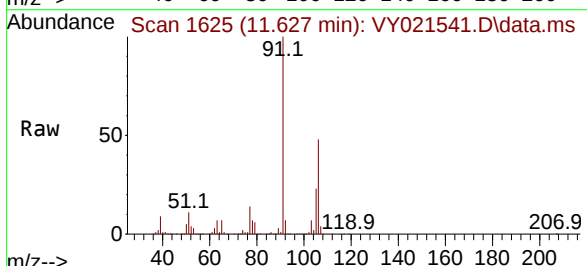
Acq: 14 Mar 2025 15:47

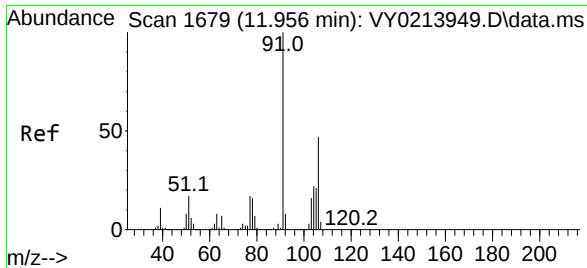
Tgt Ion:106 Resp: 451992

Ion Ratio Lower Upper

106 100

91 204.7 161.7 242.5

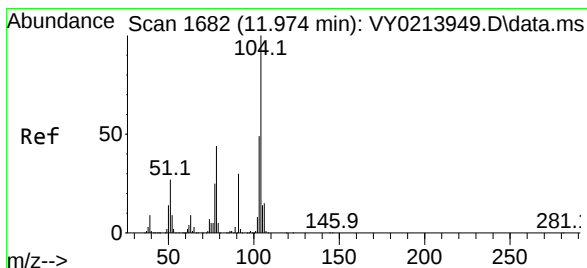
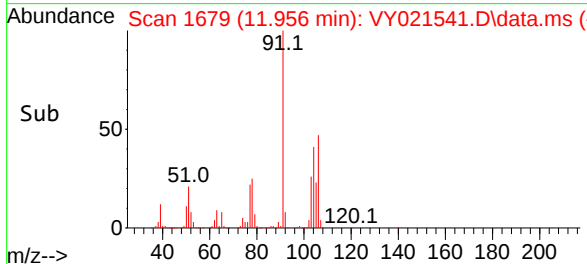
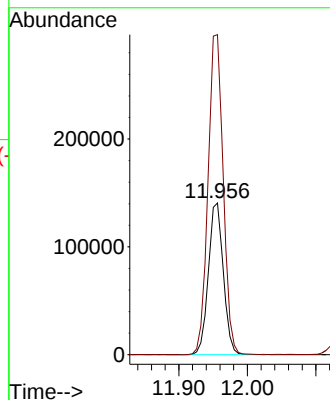
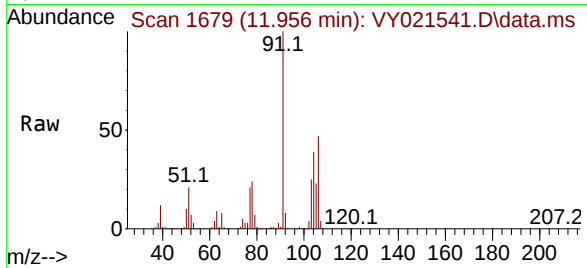




#69
o-Xylene
Concen: 50.846 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

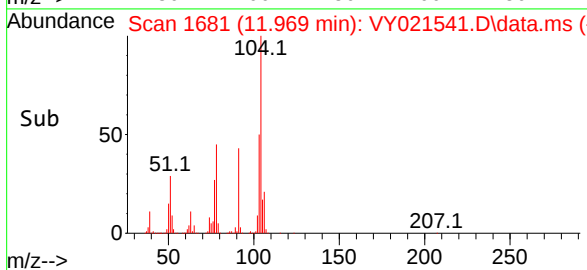
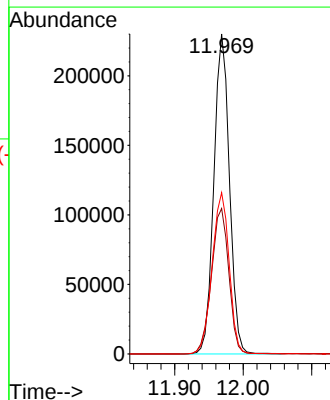
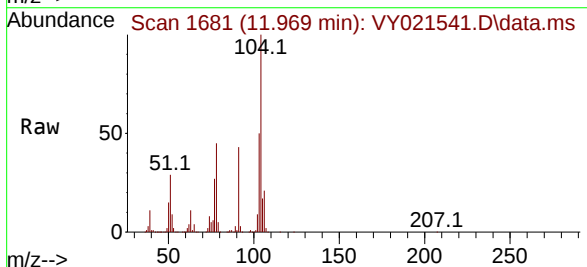
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

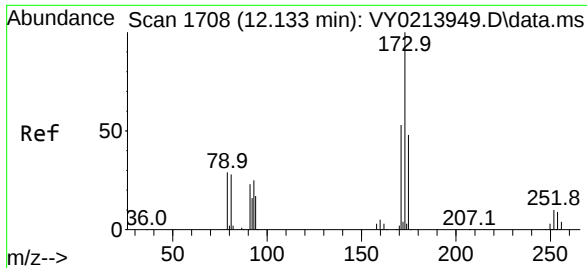
Tgt Ion:106 Resp: 213344
Ion Ratio Lower Upper
106 100
91 215.0 107.6 322.8



#70
Styrene
Concen: 52.280 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

Tgt Ion:104 Resp: 363911
Ion Ratio Lower Upper
104 100
78 50.7 40.7 61.1
103 55.2 44.1 66.1

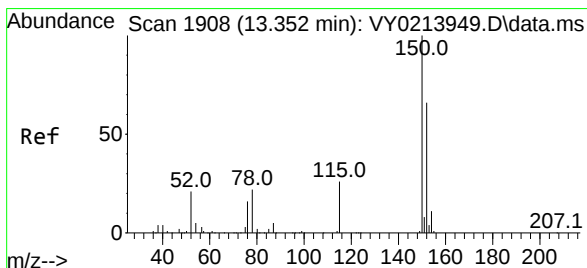
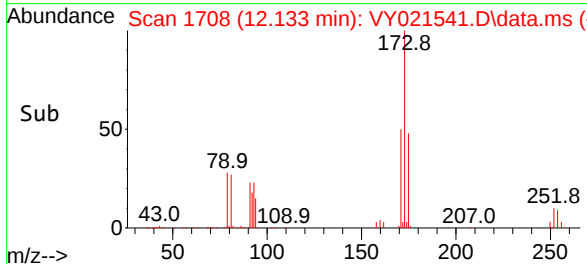
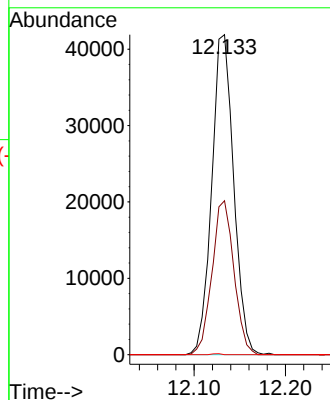
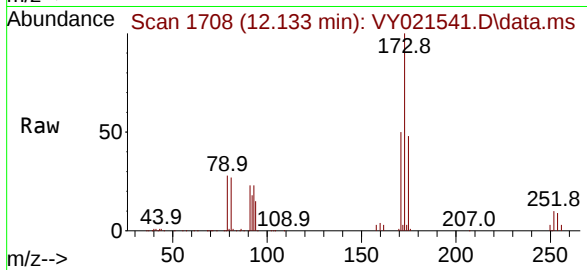




#71
Bromoform
Concen: 51.657 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

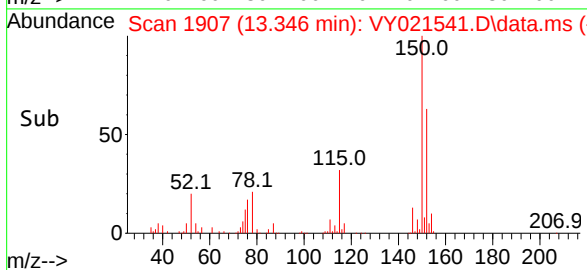
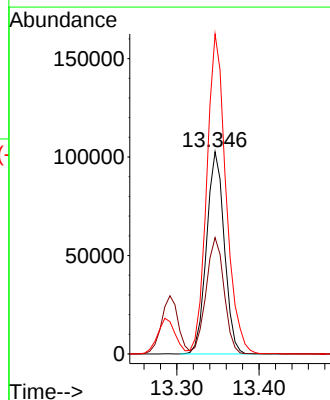
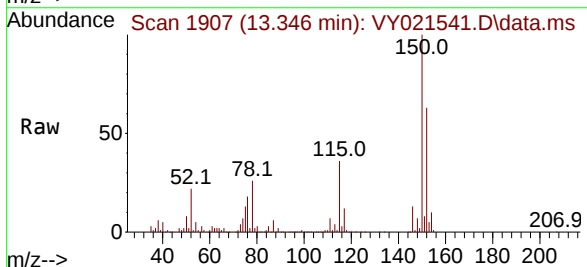
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 69752
Ion Ratio Lower Upper
173 100
175 48.1 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: VY021541.D
Acq: 14 Mar 2025 15:47

Tgt Ion:152 Resp: 153908
Ion Ratio Lower Upper
152 100
115 58.1 29.0 87.0
150 171.8 0.0 347.2

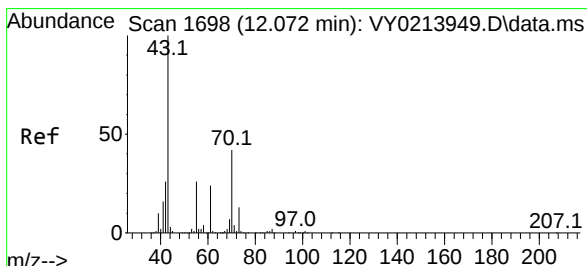
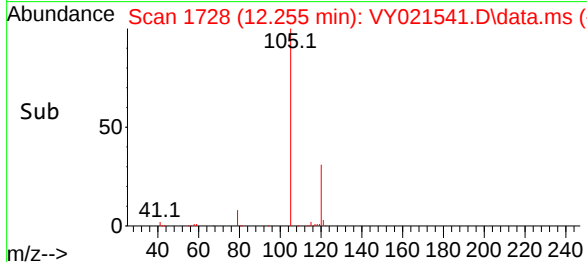
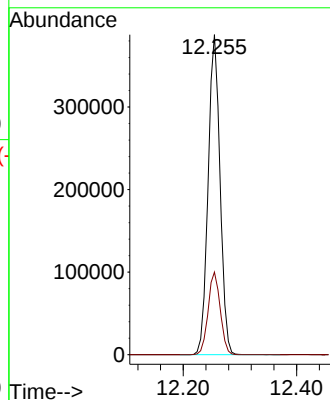
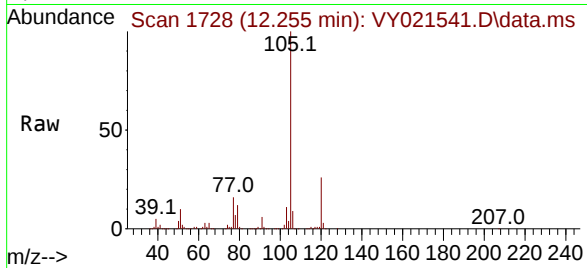




#73
Isopropylbenzene
Concen: 46.610 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

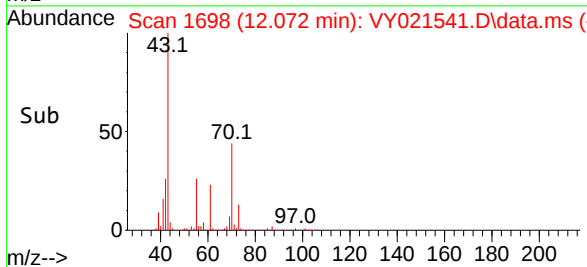
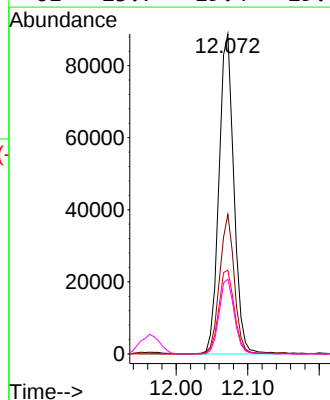
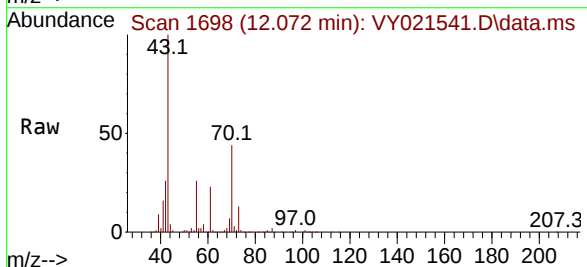
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

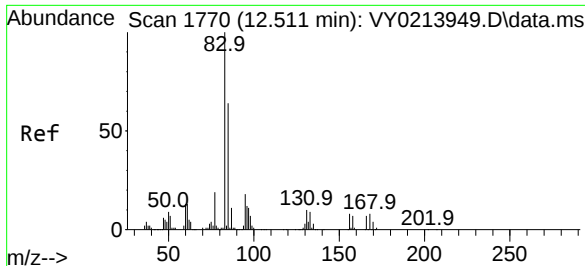
Tgt Ion:105 Resp: 565087
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3



#74
N-ethyl acetate
Concen: 48.980 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

Tgt Ion: 43 Resp: 128961
Ion Ratio Lower Upper
43 100
70 42.7 34.6 51.8
55 27.4 21.1 31.7
61 23.7 19.4 29.0

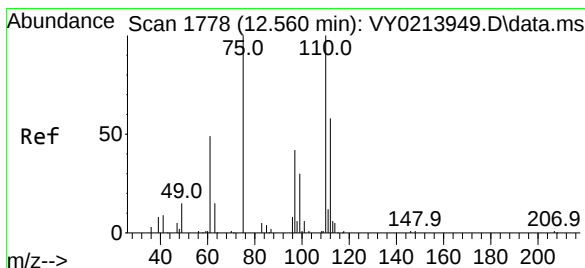
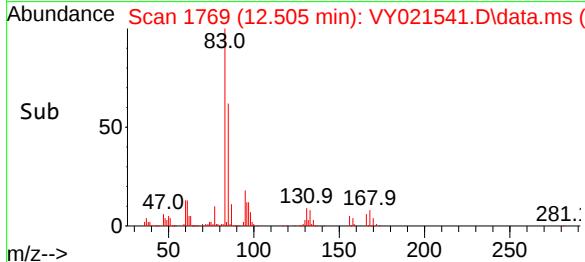
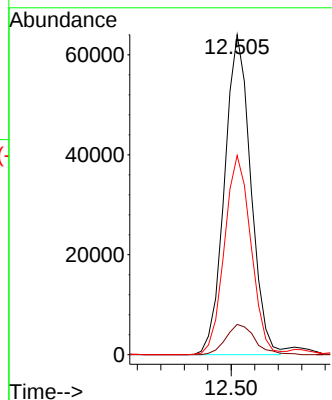
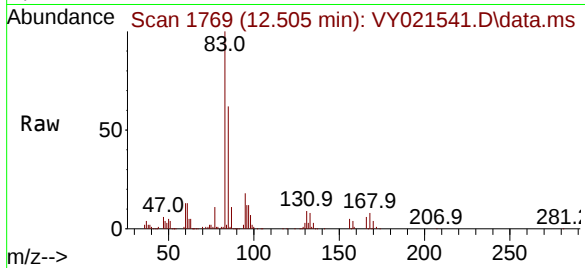




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.488 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021541.D
 Acq: 14 Mar 2025 15:47

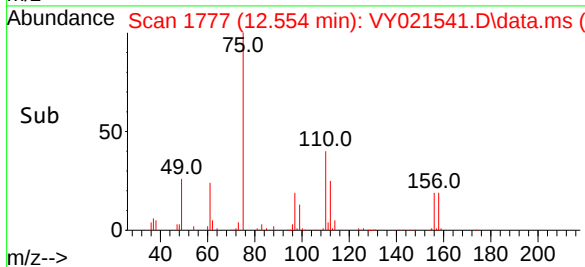
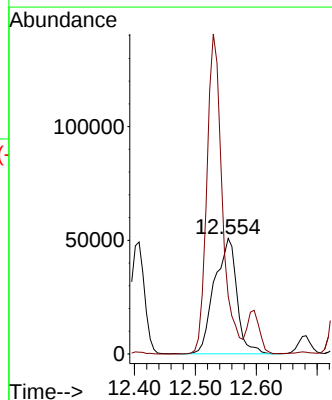
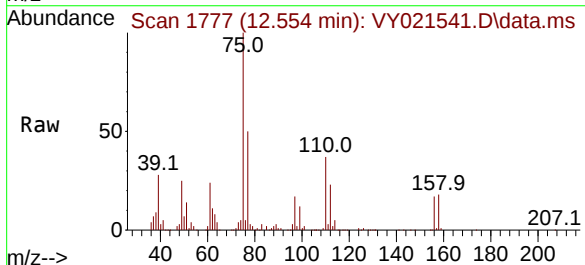
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

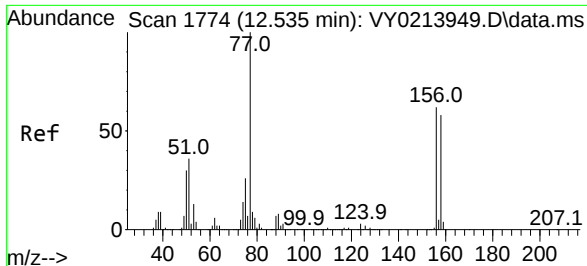
Tgt Ion: 83 Resp: 99458
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.3 16.1
 85 62.9 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 83.509 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY021541.D
 Acq: 14 Mar 2025 15:47

Tgt Ion: 75 Resp: 129515
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

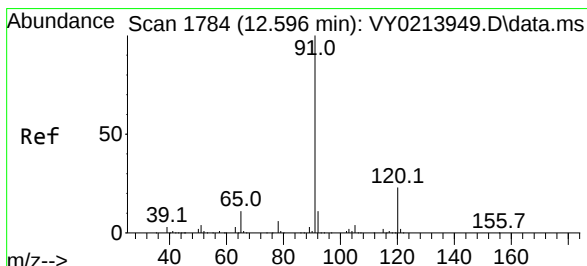
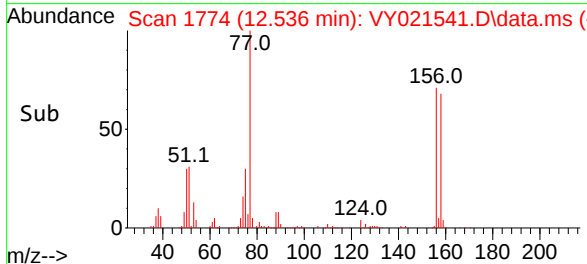
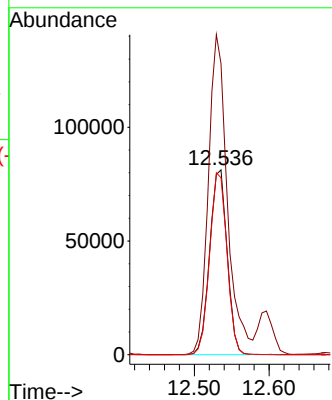
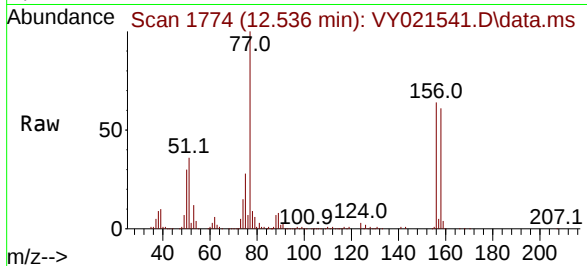




#77
Bromobenzene
Concen: 46.651 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

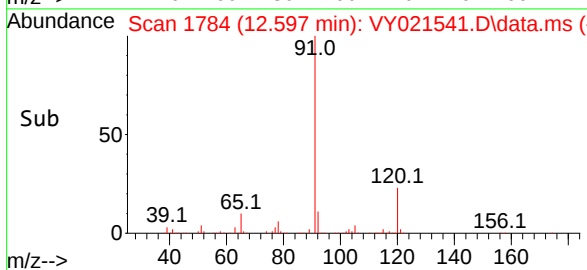
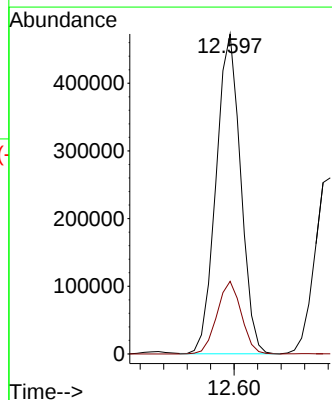
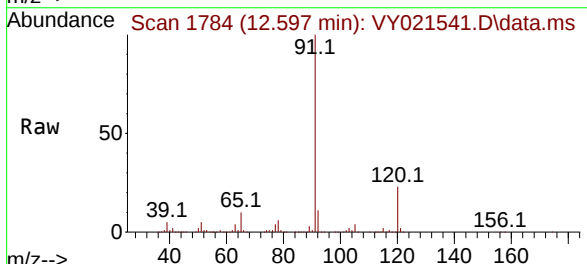
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

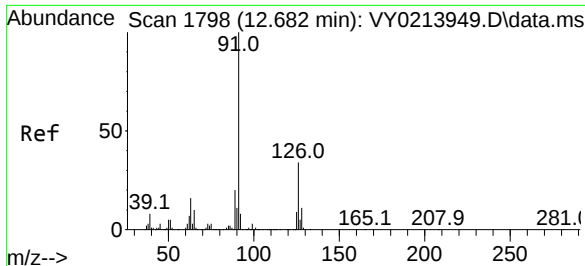
Tgt Ion:156 Resp: 132318
Ion Ratio Lower Upper
156 100
77 188.0 93.6 280.8
158 97.5 48.3 144.8



#78
n-propylbenzene
Concen: 46.634 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

Tgt Ion: 91 Resp: 686631
Ion Ratio Lower Upper
91 100
120 22.4 11.3 33.8

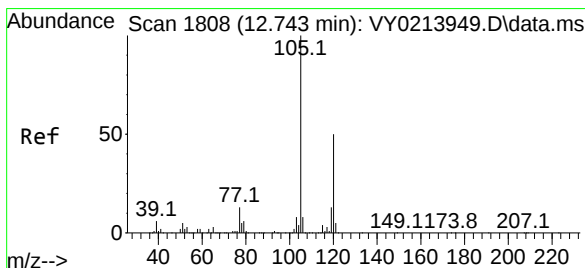
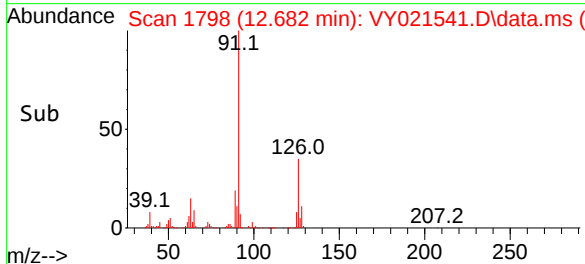
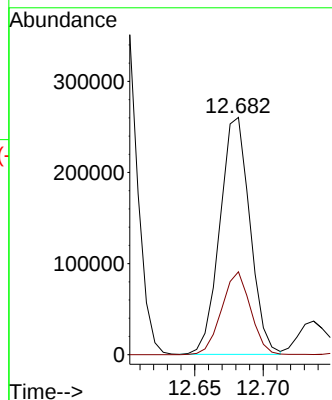
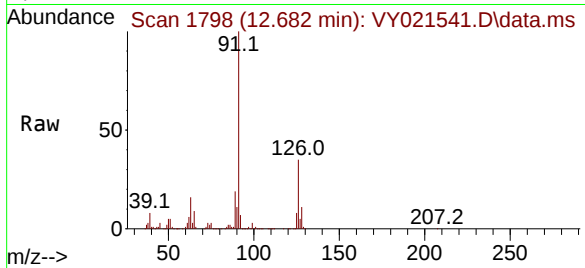




#79
2-Chlorotoluene
Concen: 47.309 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

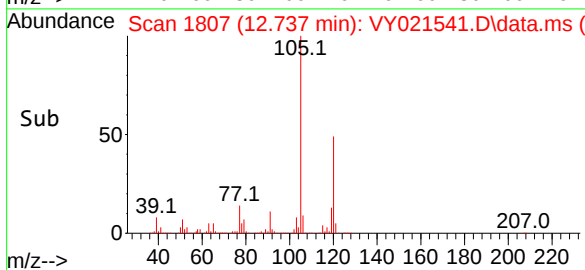
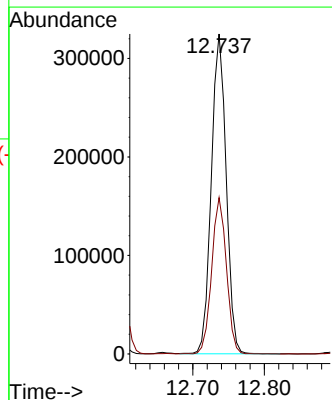
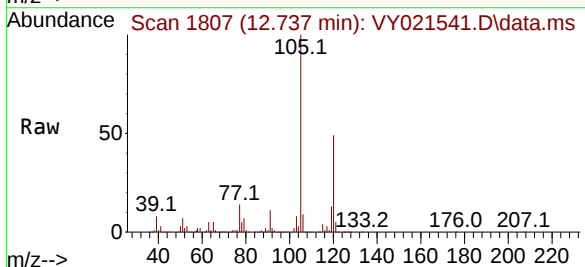
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

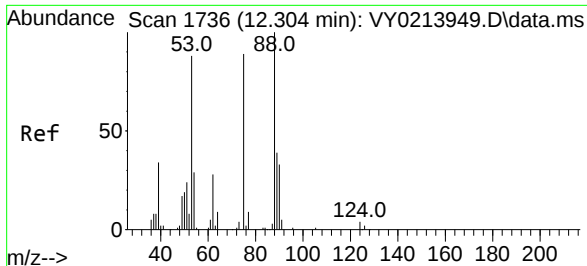
Tgt Ion: 91 Resp: 398301
Ion Ratio Lower Upper
91 100
126 33.6 17.2 51.6



#80
1,3,5-Trimethylbenzene
Concen: 47.453 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

Tgt Ion: 105 Resp: 467533
Ion Ratio Lower Upper
105 100
120 48.4 24.6 73.6

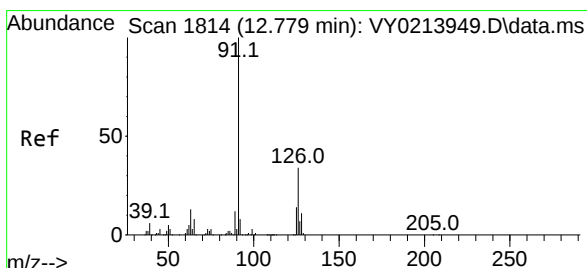
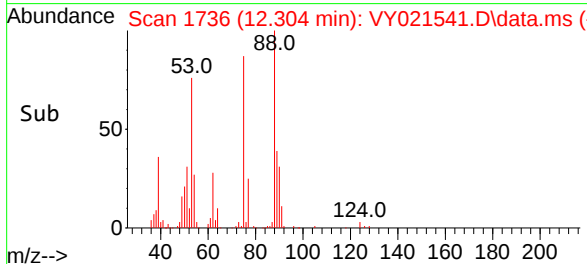
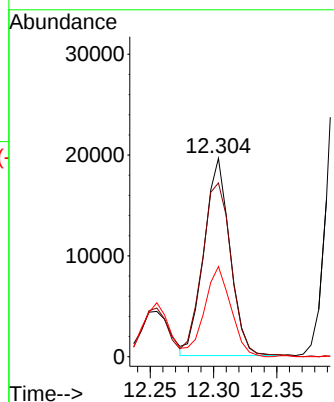
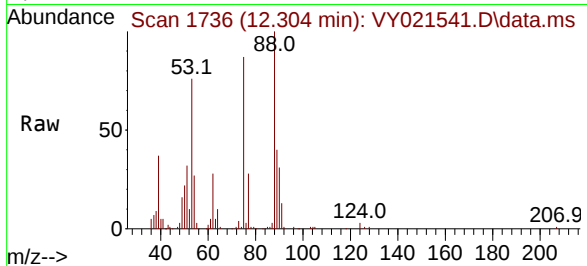




#81
trans-1,4-Dichloro-2-butene
Concen: 40.937 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

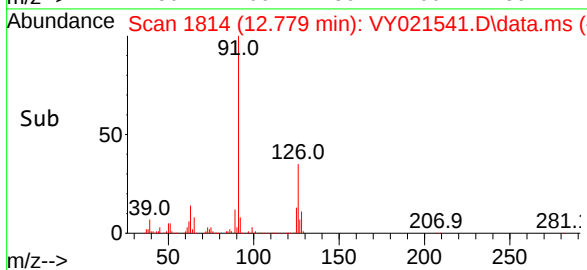
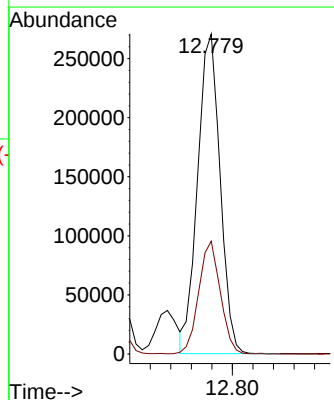
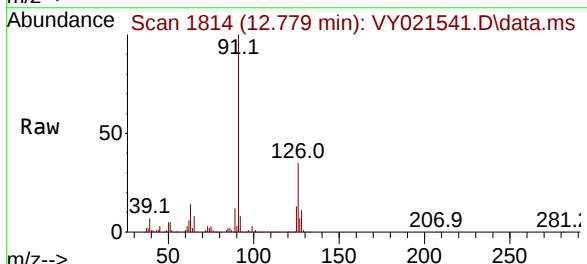
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

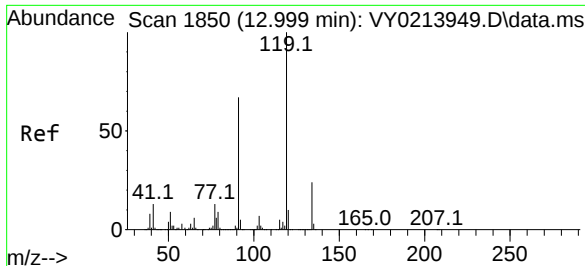
Tgt Ion: 75 Resp: 27928
Ion Ratio Lower Upper
75 100
53 99.3 81.0 121.4
89 46.7 36.9 55.3



#82
4-Chlorotoluene
Concen: 47.184 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

Tgt Ion: 91 Resp: 411358
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0

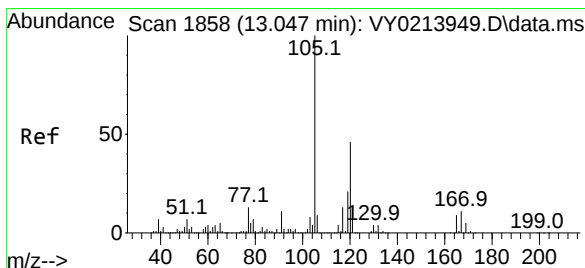
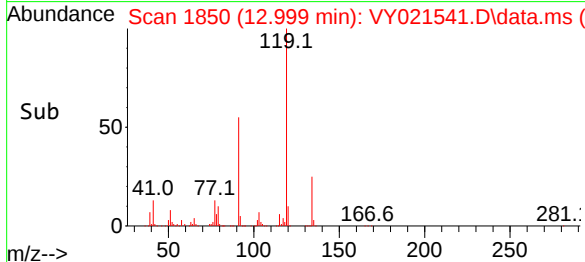
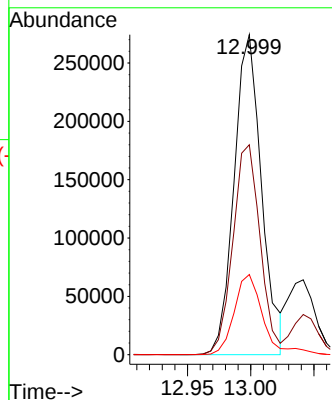
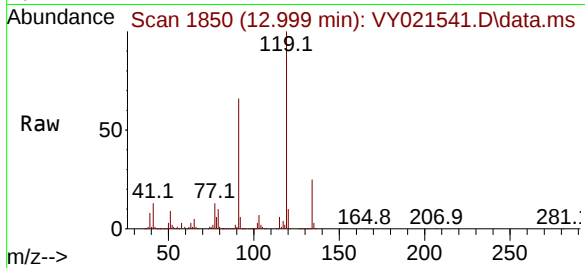




#83
 tert-Butylbenzene
 Concen: 47.194 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021541.D
 Acq: 14 Mar 2025 15:47

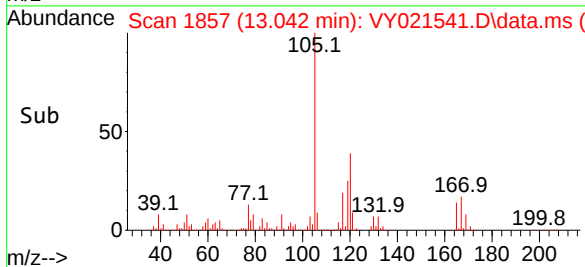
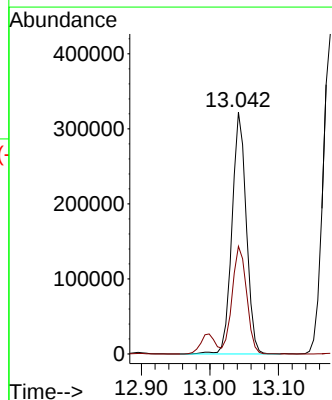
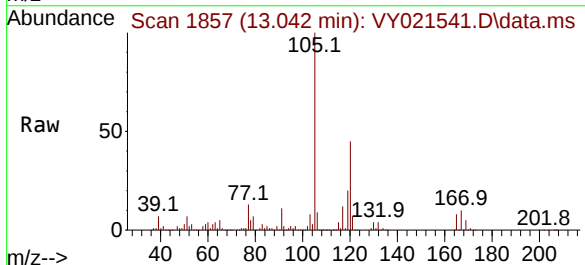
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

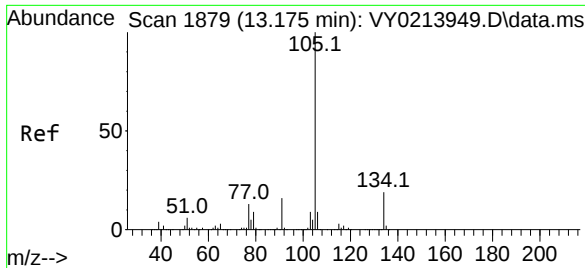
Tgt Ion:119 Resp: 414807
 Ion Ratio Lower Upper
 119 100
 91 65.2 33.2 99.6
 134 26.3 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 47.700 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021541.D
 Acq: 14 Mar 2025 15:47

Tgt Ion:105 Resp: 466620
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.7 68.1

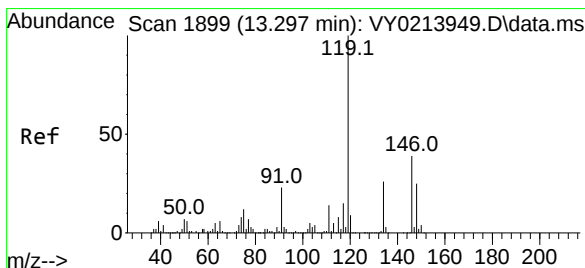
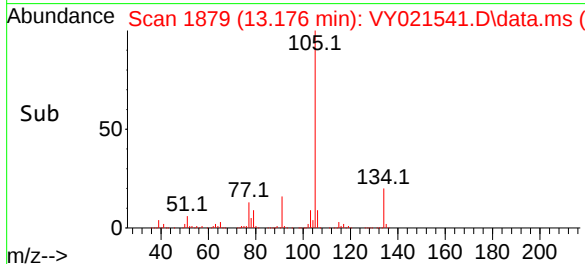
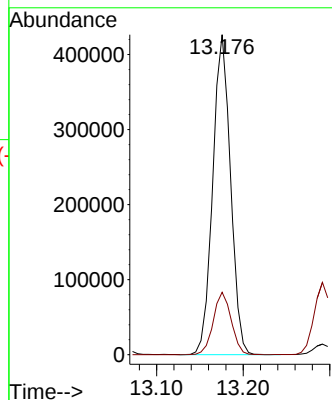
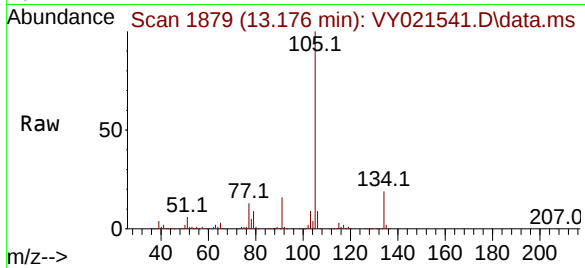




#85
 sec-Butylbenzene
 Concen: 46.473 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021541.D
 Acq: 14 Mar 2025 15:47

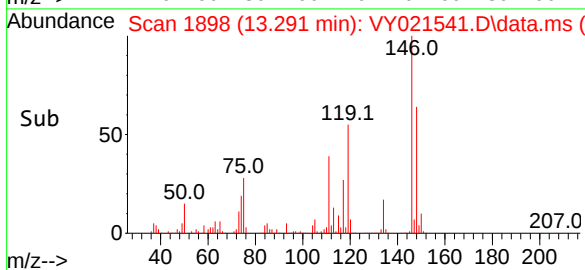
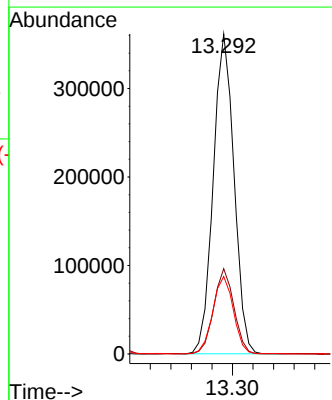
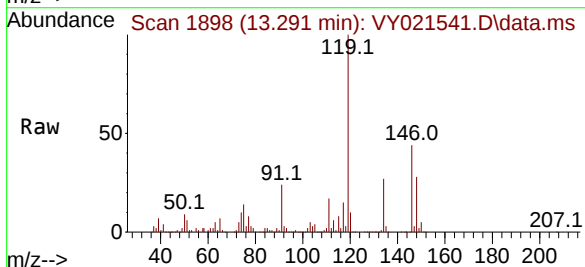
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

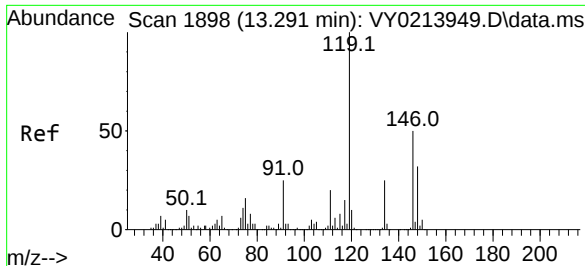
Tgt Ion:105 Resp: 607741
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 47.002 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021541.D
 Acq: 14 Mar 2025 15:47

Tgt Ion:119 Resp: 506382
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.1
 91 24.0 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 46.342 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY021541.D

Acq: 14 Mar 2025 15:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

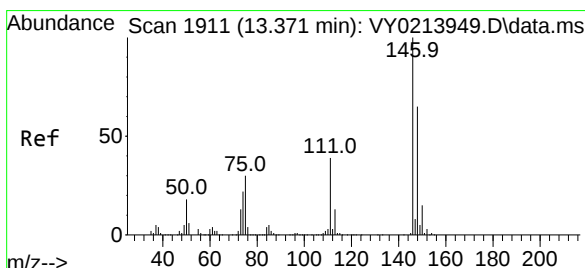
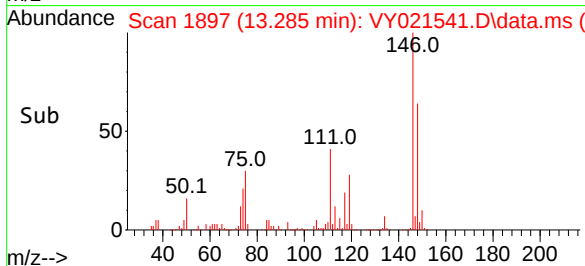
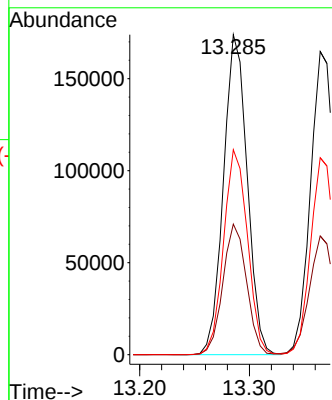
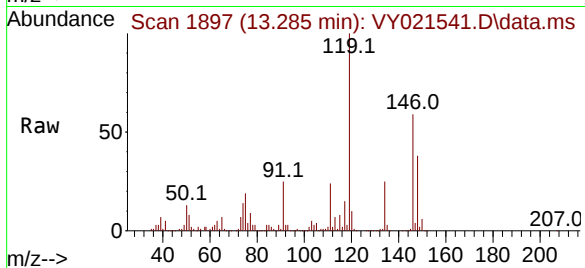
Tgt Ion:146 Resp: 261644

Ion Ratio Lower Upper

146 100

111 40.7 20.0 60.0

148 64.4 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 46.341 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY021541.D

Acq: 14 Mar 2025 15:47

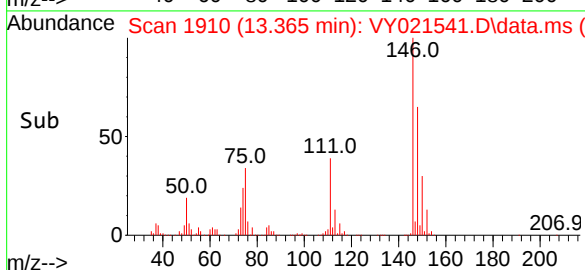
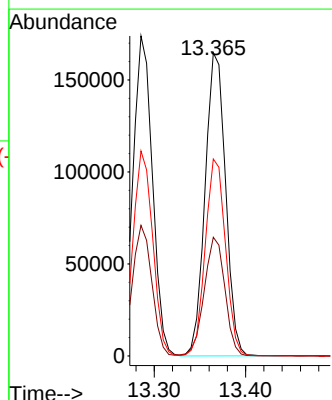
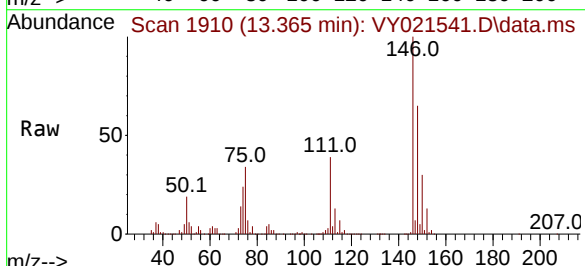
Tgt Ion:146 Resp: 255875

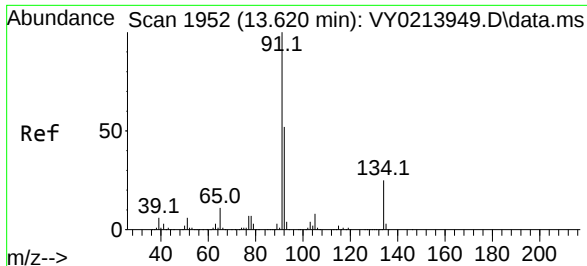
Ion Ratio Lower Upper

146 100

111 39.6 19.6 58.8

148 64.4 32.3 96.8





#89

n-Butylbenzene

Concen: 47.200 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY021541.D

Acq: 14 Mar 2025 15:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

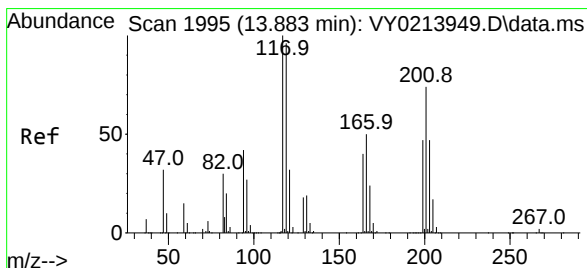
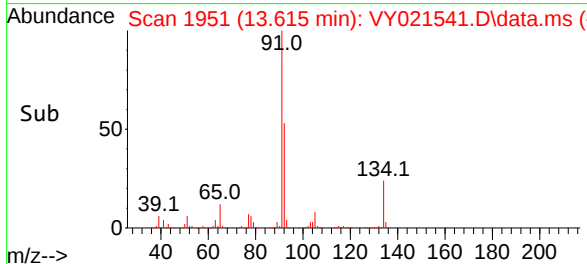
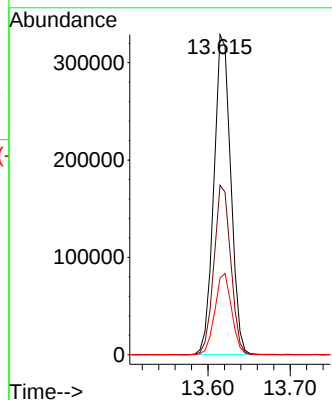
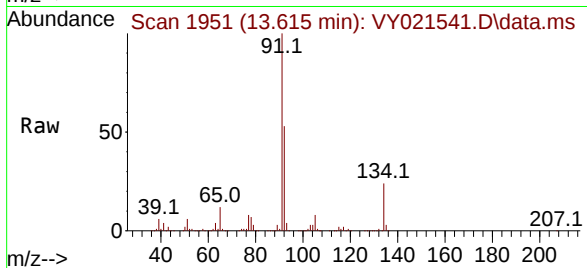
Tgt Ion: 91 Resp: 469569

Ion Ratio Lower Upper

91 100

92 52.8 26.1 78.3

134 25.2 12.6 37.8



#90

Hexachloroethane

Concen: 45.823 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY021541.D

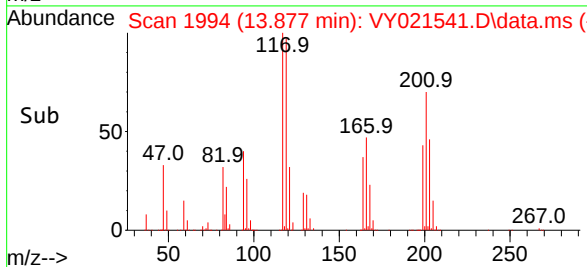
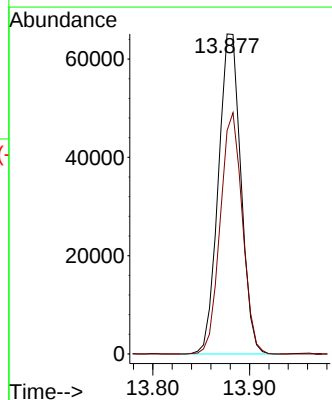
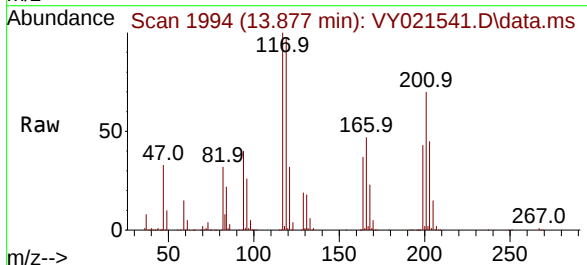
Acq: 14 Mar 2025 15:47

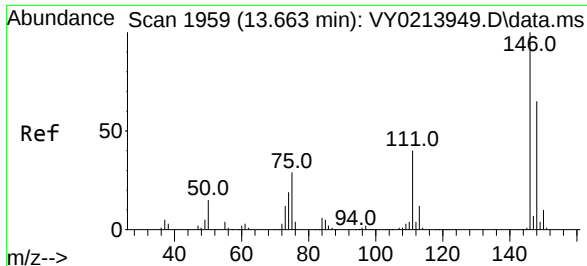
Tgt Ion: 117 Resp: 105319

Ion Ratio Lower Upper

117 100

201 74.0 37.4 112.2

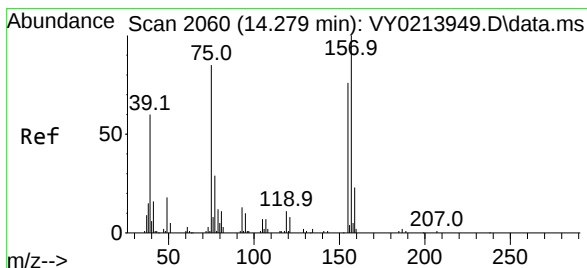
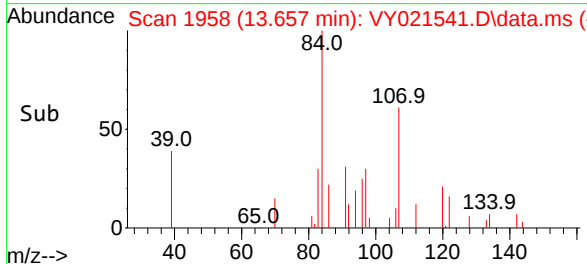
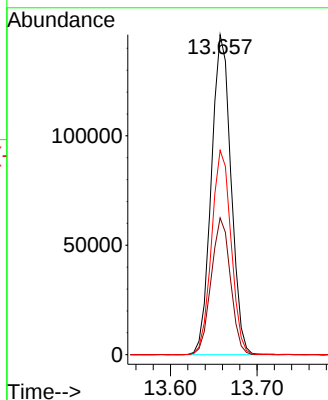
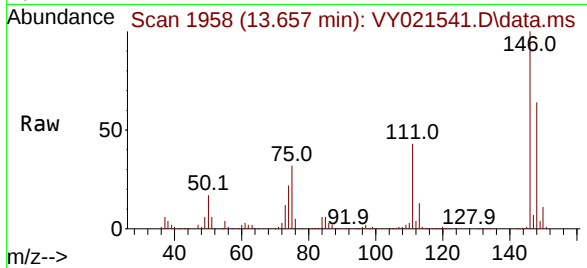




#91
1,2-Dichlorobenzene
Concen: 47.659 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

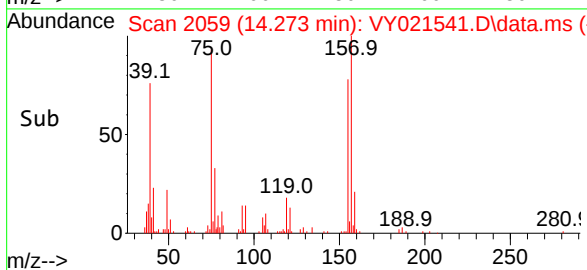
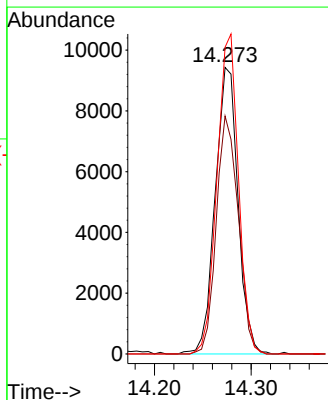
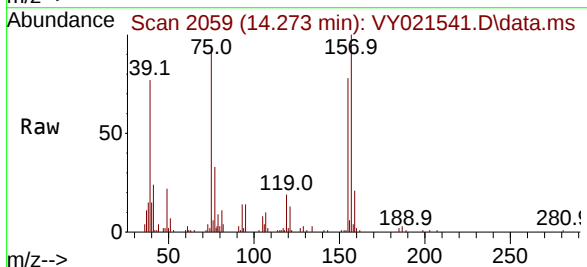
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

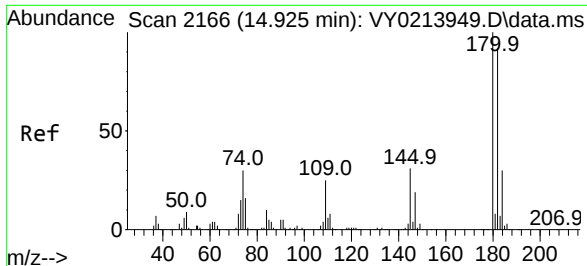
Tgt Ion:146 Resp: 230621
Ion Ratio Lower Upper
146 100
111 41.9 20.7 62.1
148 63.5 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.053 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VY021541.D
Acq: 14 Mar 2025 15:47

Tgt Ion: 75 Resp: 15400
Ion Ratio Lower Upper
75 100
155 80.5 43.5 130.5
157 105.2 54.4 163.2





#93

1,2,4-Trichlorobenzene

Concen: 48.496 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY021541.D

Acq: 14 Mar 2025 15:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

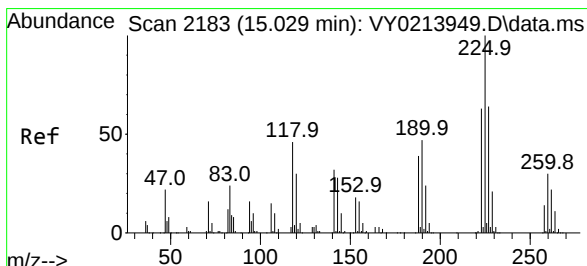
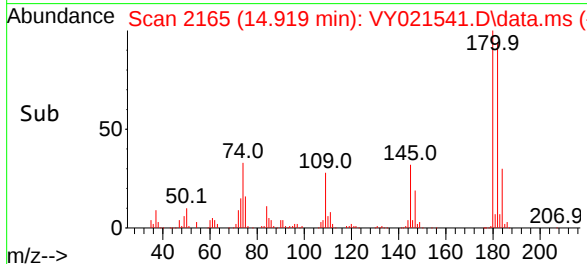
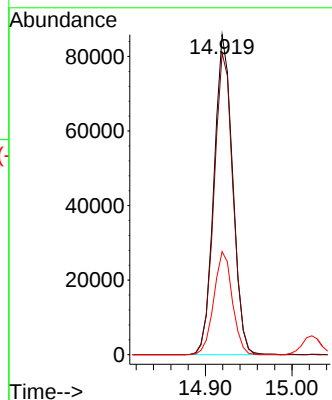
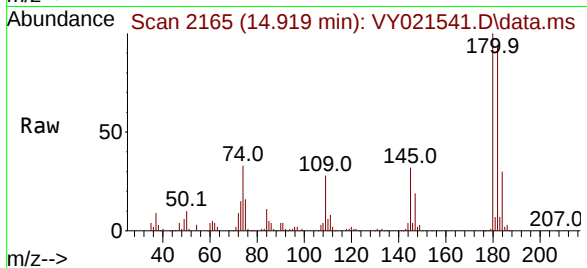
Tgt Ion:180 Resp: 128180

Ion Ratio Lower Upper

180 100

182 95.7 46.7 140.0

145 32.0 15.6 46.8



#94

Hexachlorobutadiene

Concen: 45.832 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY021541.D

Acq: 14 Mar 2025 15:47

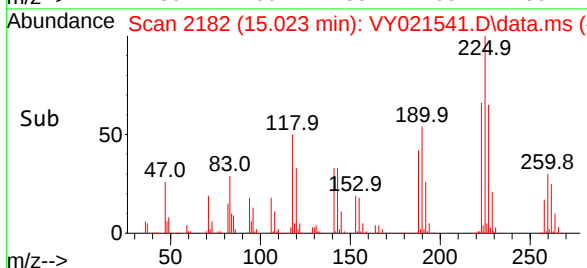
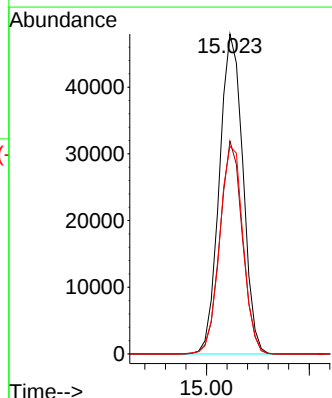
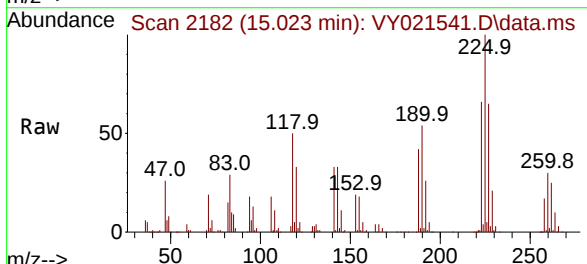
Tgt Ion:225 Resp: 75934

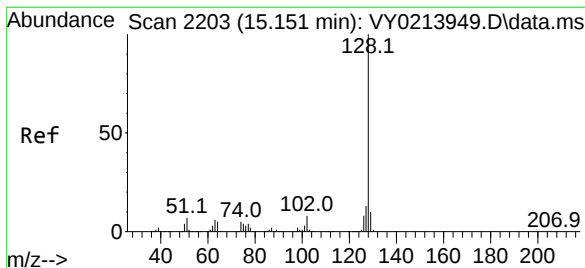
Ion Ratio Lower Upper

225 100

223 64.1 31.4 94.2

227 64.9 31.8 95.4





#95

Naphthalene

Concen: 49.574 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY021541.D

Acq: 14 Mar 2025 15:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

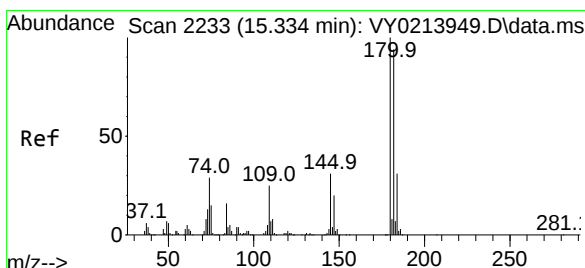
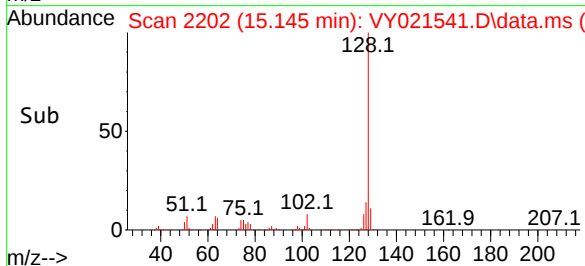
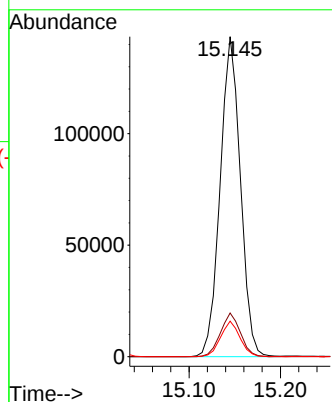
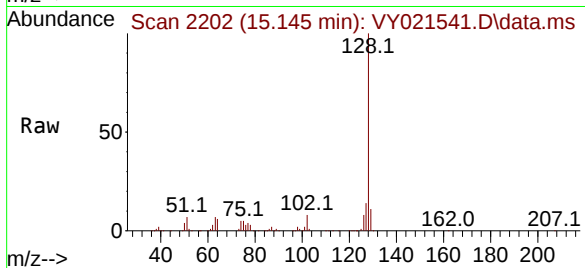
Tgt Ion:128 Resp: 221218

Ion Ratio Lower Upper

128 100

127 13.5 10.6 15.8

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.096 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY021541.D

Acq: 14 Mar 2025 15:47

Tgt Ion:180 Resp: 111361

Ion Ratio Lower Upper

180 100

182 93.2 47.2 141.6

145 31.8 16.4 49.1

