

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032625\
 Data File : VY021643.D
 Acq On : 26 Mar 2025 12:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 27 01:31:00 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	195557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	305023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	268880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	137761	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	96091	46.490	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.980%
35) Dibromofluoromethane	7.634	113	97274	48.517	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.040%
50) Toluene-d8	10.103	98	361530	47.623	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.240%
62) 4-Bromofluorobenzene	12.408	95	123596	47.863	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.720%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	77746	43.323	ug/l	99
3) Chloromethane	2.068	50	119169	47.101	ug/l	99
4) Vinyl Chloride	2.202	62	139959	50.620	ug/l	98
5) Bromomethane	2.592	94	99601	49.843	ug/l	98
6) Chloroethane	2.733	64	101789	55.709	ug/l	97
7) Trichlorofluoromethane	3.056	101	196996	51.046	ug/l	96
8) Diethyl Ether	3.452	74	53875	50.375	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	107994	49.014	ug/l	100
10) Methyl Iodide	4.007	142	122765	54.813	ug/l	99
11) Tert butyl alcohol	4.848	59	31443	232.387	ug/l	98
12) 1,1-Dichloroethene	3.787	96	100173	49.867	ug/l	99
13) Acrolein	3.647	56	3288	31.275	ug/l	94
14) Allyl chloride	4.385	41	169165	52.110	ug/l	99
15) Acrylonitrile	5.055	53	116589	256.089	ug/l	99
16) Acetone	3.867	43	127386	282.569	ug/l	94
17) Carbon Disulfide	4.104	76	271988	43.204	ug/l	99
18) Methyl Acetate	4.385	43	68109	68.090	ug/l	100
19) Methyl tert-butyl Ether	5.110	73	265959	52.236	ug/l	99
20) Methylene Chloride	4.616	84	116342	49.164	ug/l	99
21) trans-1,2-Dichloroethene	5.110	96	113842	50.604	ug/l	94
22) Diisopropyl ether	6.019	45	374678	53.555	ug/l	96
23) Vinyl Acetate	5.958	43	995235	249.263	ug/l	100
24) 1,1-Dichloroethane	5.909	63	220272	53.346	ug/l	99
25) 2-Butanone	6.890	43	162670	260.852	ug/l	99
26) 2,2-Dichloropropane	6.884	77	197107	51.881	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	136292	53.328	ug/l	98
28) Bromochloromethane	7.244	49	92056	53.179	ug/l	98
29) Tetrahydrofuran	7.262	42	95523	248.120	ug/l	98
30) Chloroform	7.421	83	230765	53.821	ug/l	97
31) Cyclohexane	7.701	56	169457	43.776	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	202027	51.460	ug/l	100
36) 1,1-Dichloropropene	7.835	75	156774	49.954	ug/l	98
37) Ethyl Acetate	6.982	43	66159	47.695	ug/l	99
38) Carbon Tetrachloride	7.817	117	183135	50.738	ug/l	99
39) Methylcyclohexane	9.110	83	180867	46.983	ug/l	97
40) Benzene	8.079	78	477731	51.674	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	37897	50.175	ug/l #	95
42) 1,2-Dichloroethane	8.158	62	132533	51.244	ug/l	100
43) Isopropyl Acetate	8.195	43	131908	48.986	ug/l #	89
44) Trichloroethene	8.866	130	121377	51.955	ug/l	95
45) 1,2-Dichloropropane	9.140	63	118033	53.644	ug/l	94
46) Dibromomethane	9.231	93	63374	51.764	ug/l	99
47) Bromodichloromethane	9.420	83	176017	54.138	ug/l	99
48) Methyl methacrylate	9.219	41	61475	49.717	ug/l	96
49) 1,4-Dioxane	9.225	88	13482	1121.940	ug/l	93
51) 4-Methyl-2-Pentanone	10.000	43	355460	255.841	ug/l	99
52) Toluene	10.170	92	307085	52.686	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	154028	53.772	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	181468	53.359	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	84954	53.047	ug/l	96
56) Ethyl methacrylate	10.439	69	110330	54.018	ug/l	99
57) 1,3-Dichloropropane	10.719	76	145552	52.439	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	246714	261.670	ug/l	100
59) 2-Hexanone	10.762	43	248903	270.932	ug/l	99
60) Dibromochloromethane	10.914	129	117440	53.491	ug/l	98
61) 1,2-Dibromoethane	11.012	107	77877	51.524	ug/l	99
64) Tetrachloroethene	10.646	164	124442	56.915	ug/l	97
65) Chlorobenzene	11.444	112	335578	52.851	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	119864	53.395	ug/l	99
67) Ethyl Benzene	11.518	91	592645	53.178	ug/l	98
68) m/p-Xylenes	11.627	106	451100	106.616	ug/l	99
69) o-Xylene	11.957	106	212228	54.424	ug/l	100
70) Styrene	11.969	104	358946	55.486	ug/l	99
71) Bromoform	12.133	173	67410	53.718	ug/l #	98
73) Isopropylbenzene	12.255	105	566149	52.171	ug/l	99
74) N-amyl acetate	12.072	43	117882	50.019	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	93843	49.005	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	68184m	49.117	ug/l	
77) Bromobenzene	12.530	156	130392	51.360	ug/l	98
78) n-propylbenzene	12.597	91	692799	52.568	ug/l	100
79) 2-Chlorotoluene	12.682	91	394620	52.366	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	466297	52.875	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	29635	48.530	ug/l	98
82) 4-Chlorotoluene	12.780	91	410312	52.581	ug/l	100
83) tert-Butylbenzene	12.999	119	419959	53.381	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	468226	53.475	ug/l	99
85) sec-Butylbenzene	13.176	105	621602	53.104	ug/l	99
86) p-Isopropyltoluene	13.292	119	515136	53.419	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	265092	52.456	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	255211	51.638	ug/l	100
89) n-Butylbenzene	13.621	91	482214	54.153	ug/l	99
90) Hexachloroethane	13.883	117	106838	51.933	ug/l	99
91) 1,2-Dichlorobenzene	13.658	146	228800	52.824	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13629	47.512	ug/l	99
93) 1,2,4-Trichlorobenzene	14.926	180	127767	54.006	ug/l	99
94) Hexachlorobutadiene	15.023	225	81462	54.931	ug/l	99
95) Naphthalene	15.145	128	204084	50.920	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	106575	53.562	ug/l	99

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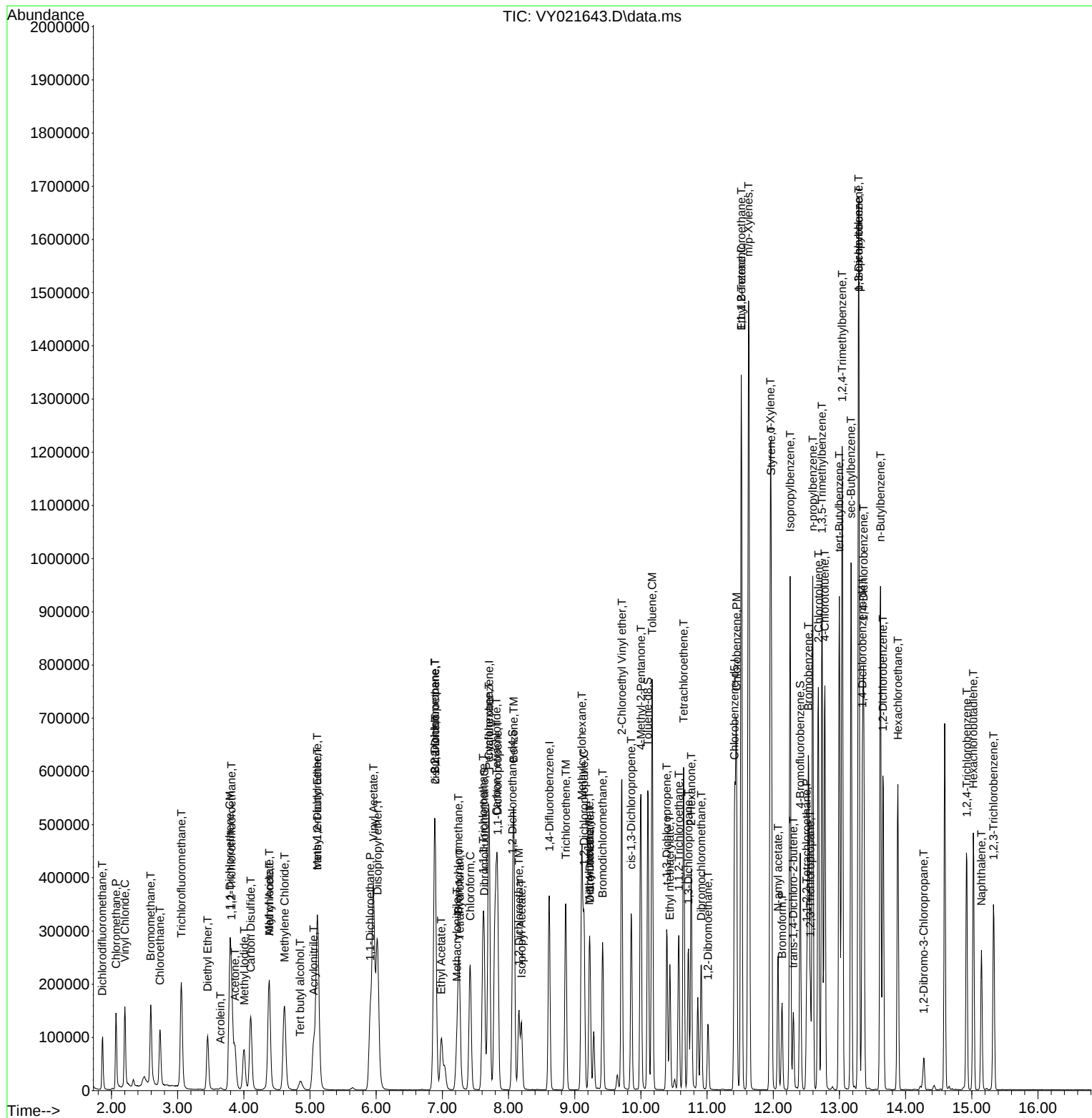
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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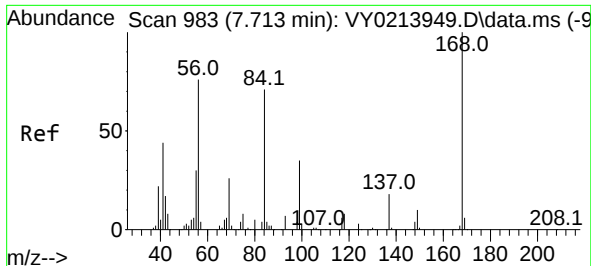
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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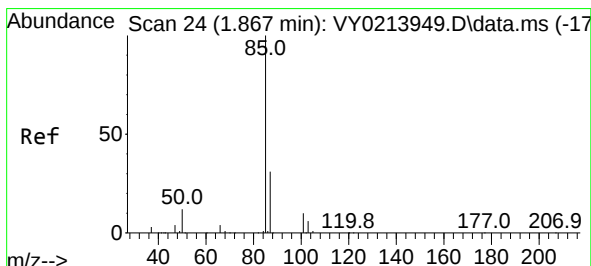
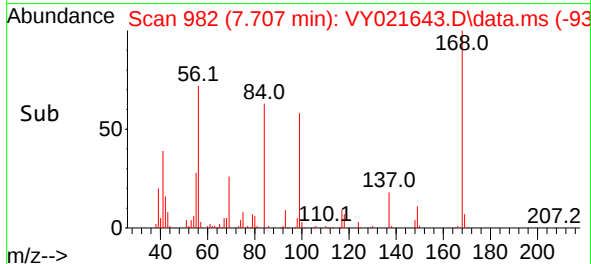
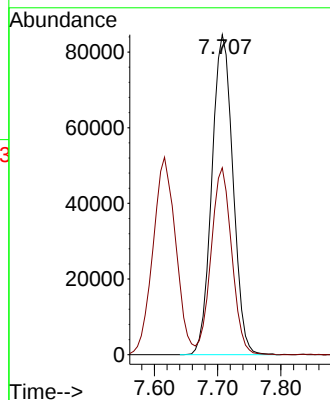
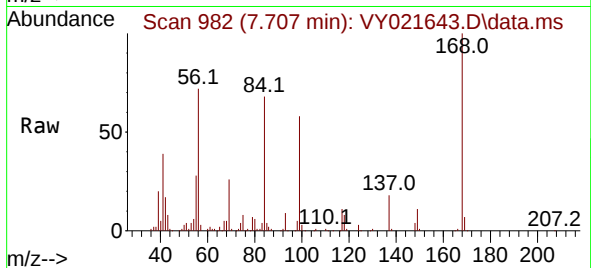




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
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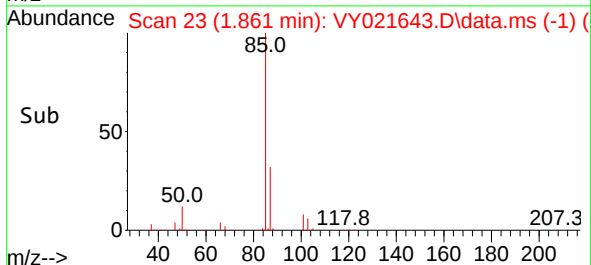
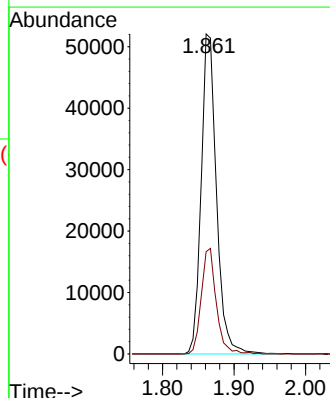
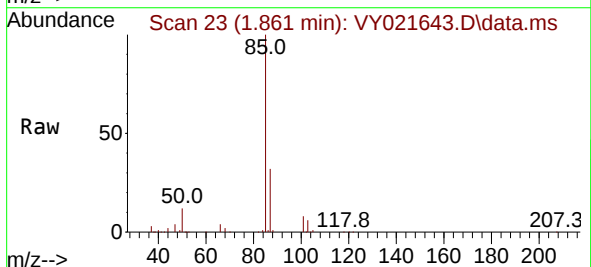
Instrument :
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VSTDCCC050

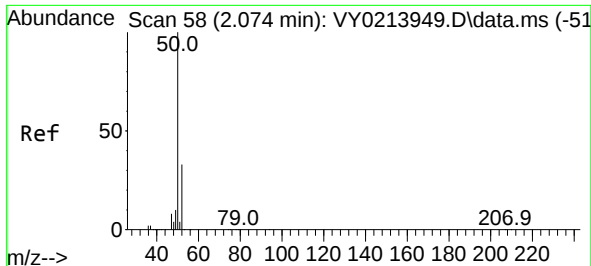
Tgt Ion:168 Resp: 195557
Ion Ratio Lower Upper
168 100
99 58.4 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 43.323 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

Tgt Ion: 85 Resp: 77746
Ion Ratio Lower Upper
85 100
87 32.0 15.7 47.0

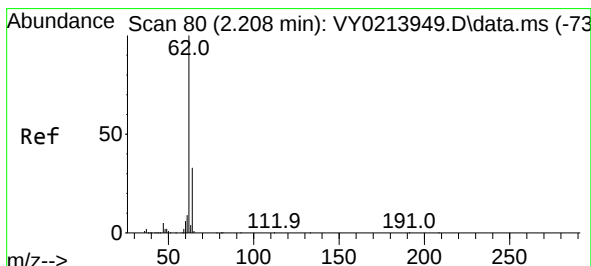
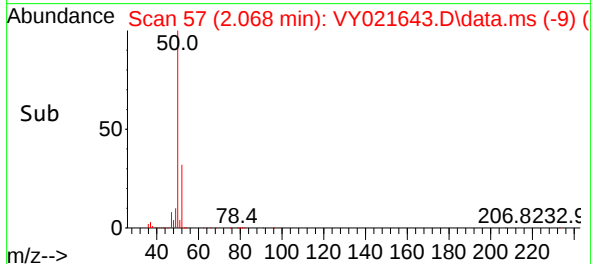
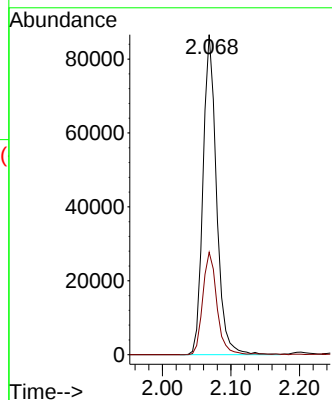
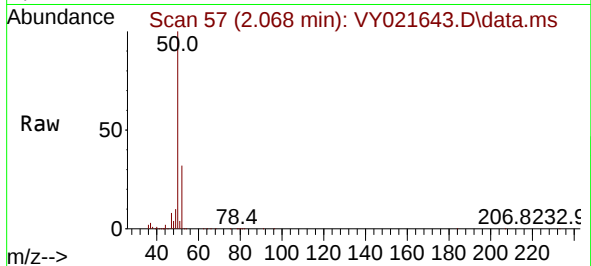




#3
Chloromethane
Concen: 47.101 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021643.D
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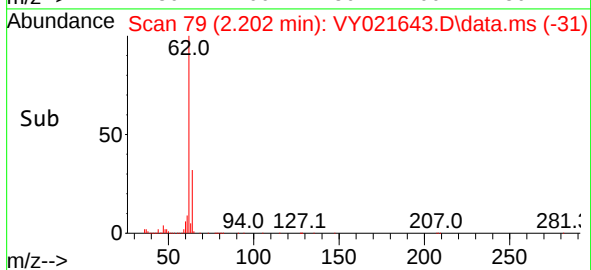
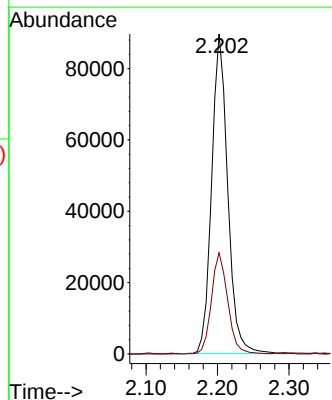
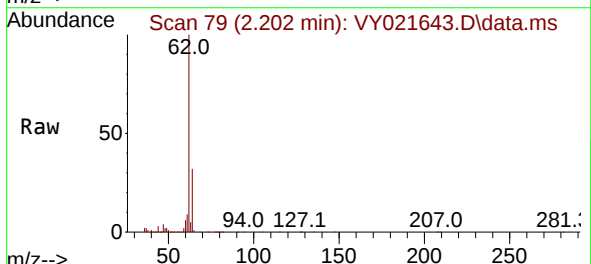
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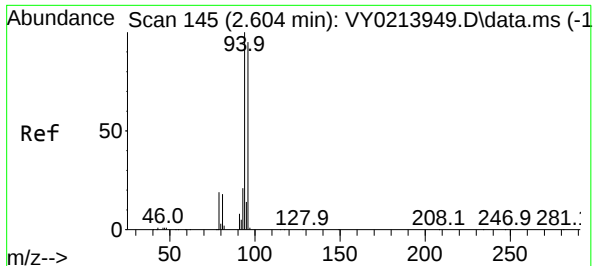
Tgt Ion: 50 Resp: 119169
Ion Ratio Lower Upper
50 100
52 32.0 26.2 39.2



#4
Vinyl Chloride
Concen: 50.620 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

Tgt Ion: 62 Resp: 139959
Ion Ratio Lower Upper
62 100
64 31.6 26.2 39.2

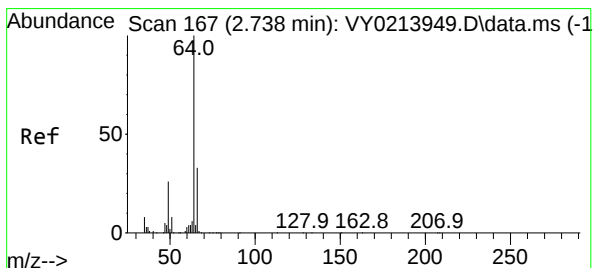
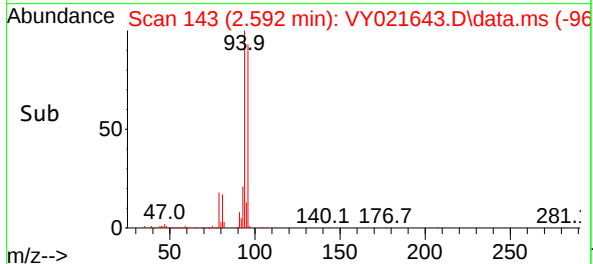
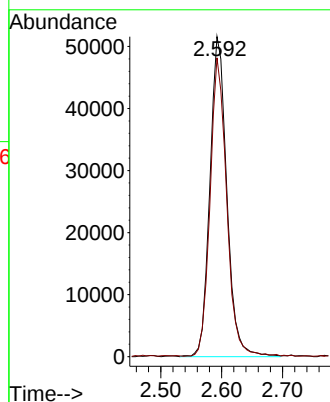
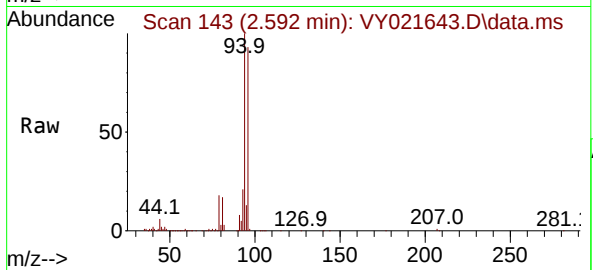




#5
Bromomethane
Concen: 49.843 ug/l
RT: 2.592 min Scan# 145
Delta R.T. -0.012 min
Lab File: VY021643.D
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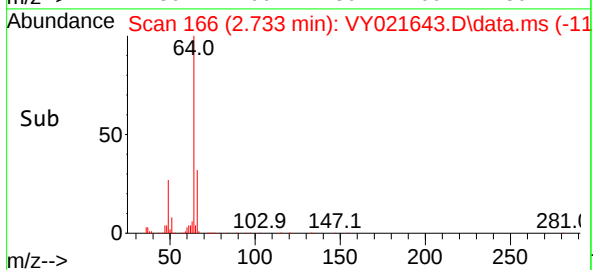
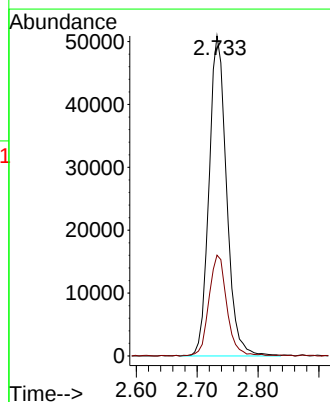
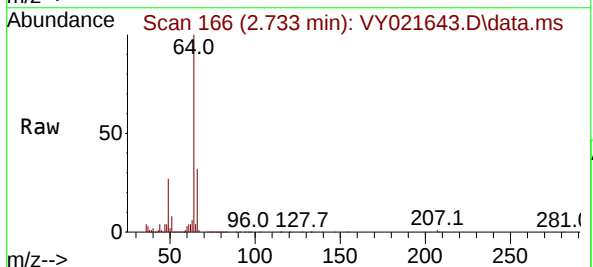
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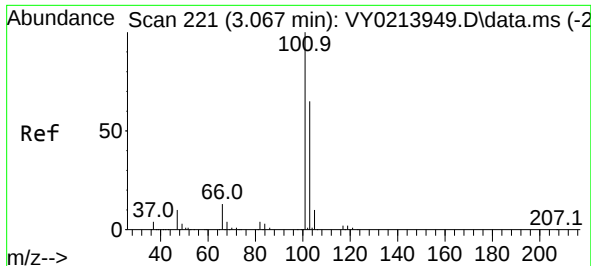
Tgt Ion: 94 Resp: 99601
Ion Ratio Lower Upper
94 100
96 93.2 76.3 114.5



#6
Chloroethane
Concen: 55.709 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 101789
Ion Ratio Lower Upper
64 100
66 31.5 26.7 40.1

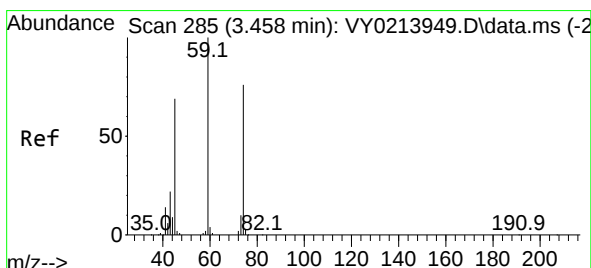
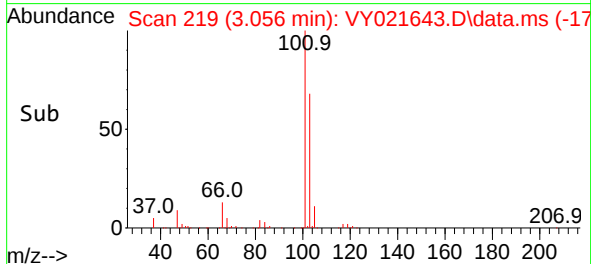
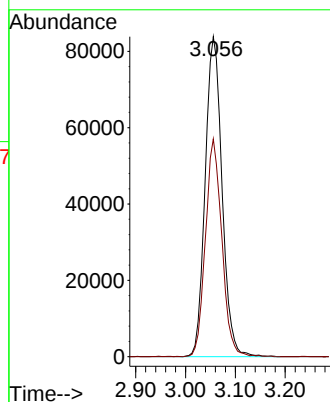
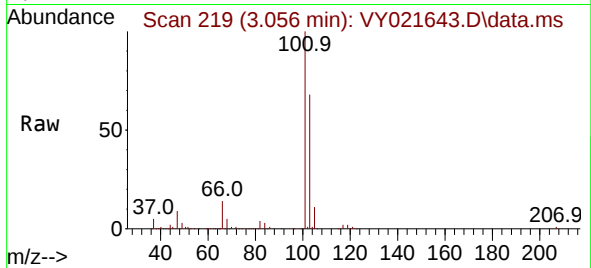




#7
Trichlorofluoromethane
Concen: 51.046 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

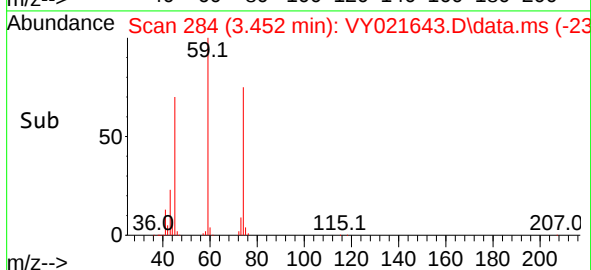
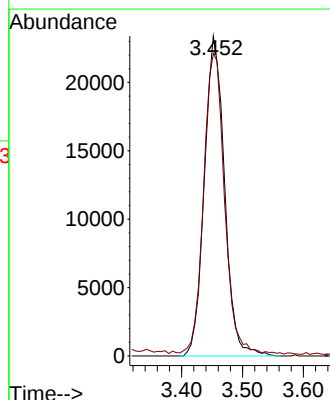
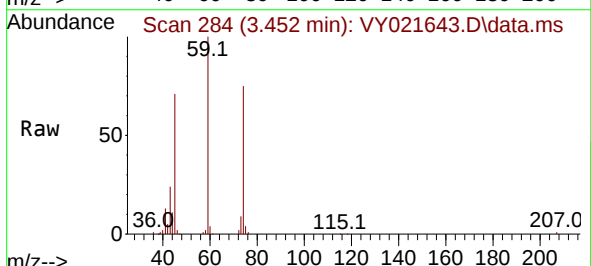
Instrument :
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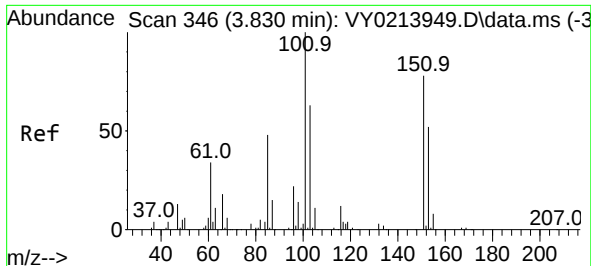
Tgt Ion:101 Resp: 196996
Ion Ratio Lower Upper
101 100
103 68.0 51.7 77.5



#8
Diethyl Ether
Concen: 50.375 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

Tgt Ion: 74 Resp: 53875
Ion Ratio Lower Upper
74 100
45 97.2 49.7 149.1

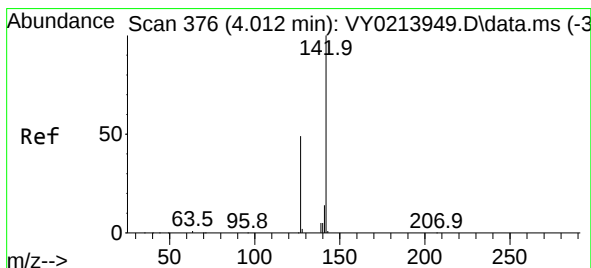
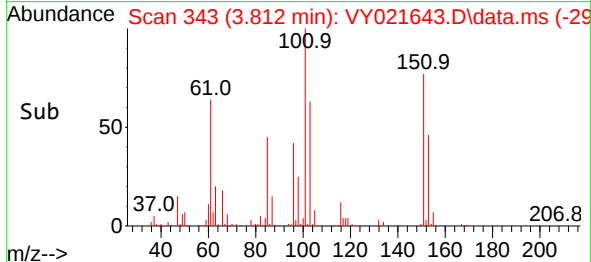
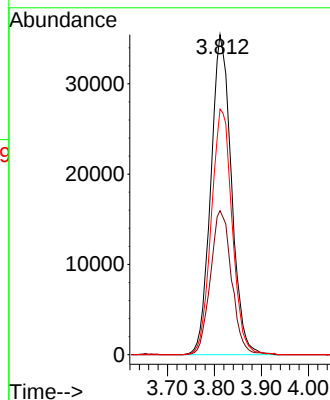
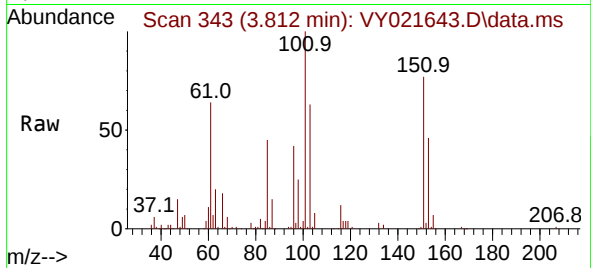




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.014 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

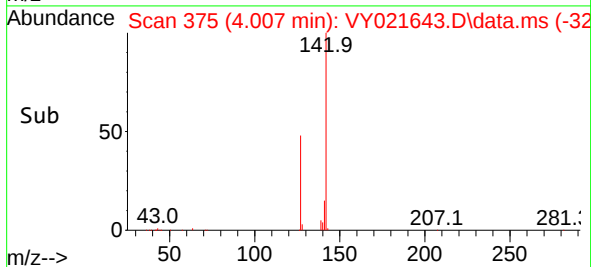
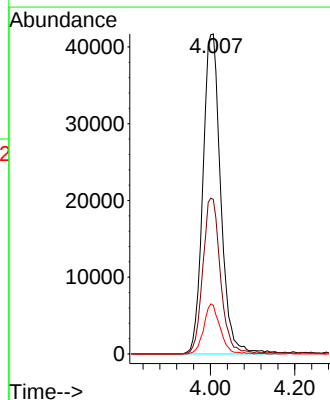
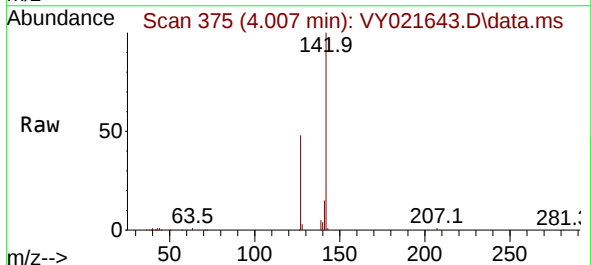
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

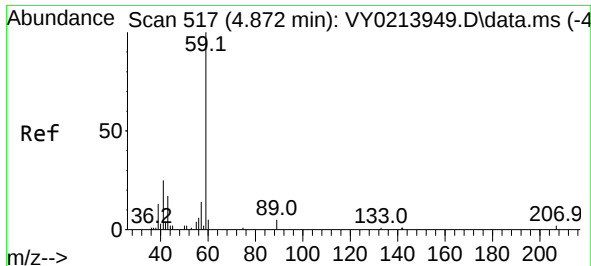
Tgt Ion:101 Resp: 107994
Ion Ratio Lower Upper
101 100
85 46.2 37.1 55.7
151 77.8 62.1 93.1



#10
Methyl Iodide
Concen: 54.813 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

Tgt Ion:142 Resp: 122765
Ion Ratio Lower Upper
142 100
127 48.2 39.1 58.7
141 14.4 11.8 17.6





#11

Tert butyl alcohol

Concen: 232.387 ug/l

RT: 4.848 min Scan# 517

Delta R.T. -0.024 min

Lab File: VY021643.D

Acq: 26 Mar 2025 12:56

Instrument :

MSVOA_Y

ClientSampleId :

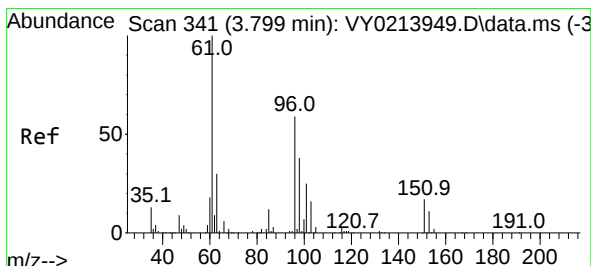
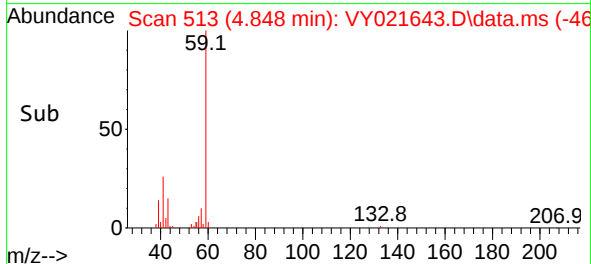
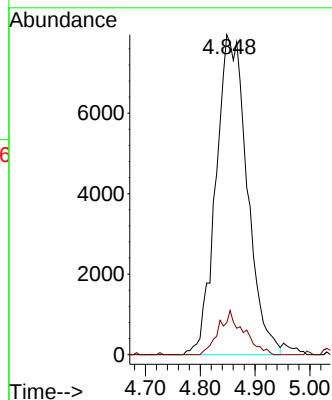
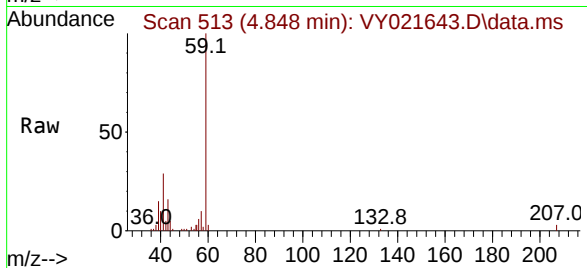
VSTDCCC050

Tgt Ion: 59 Resp: 31443

Ion Ratio Lower Upper

59 100

57 11.0 8.2 12.4



#12

1,1-Dichloroethene

Concen: 49.867 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.012 min

Lab File: VY021643.D

Acq: 26 Mar 2025 12:56

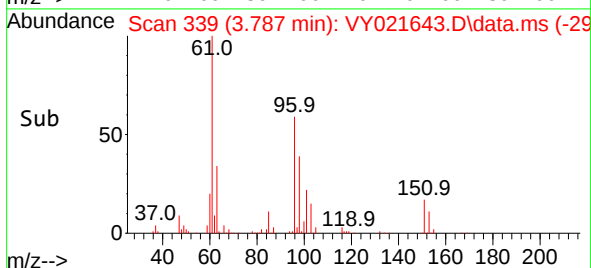
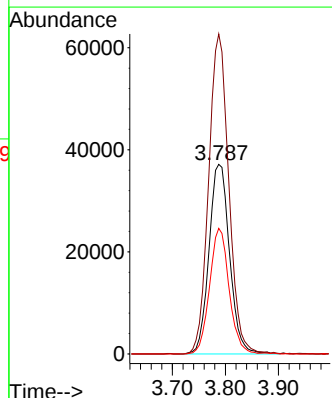
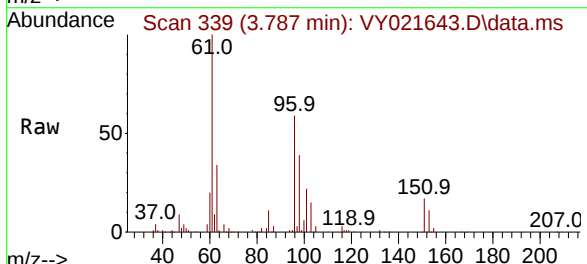
Tgt Ion: 96 Resp: 100173

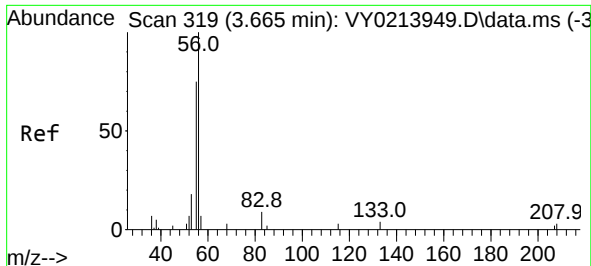
Ion Ratio Lower Upper

96 100

61 168.8 135.2 202.8

98 66.3 51.4 77.2

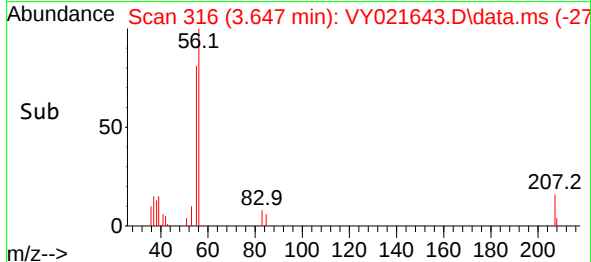
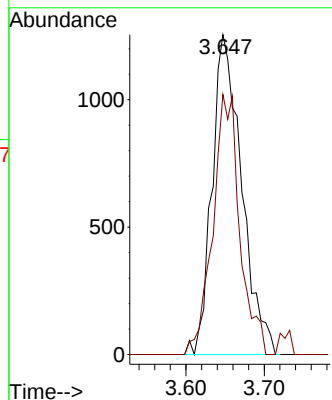
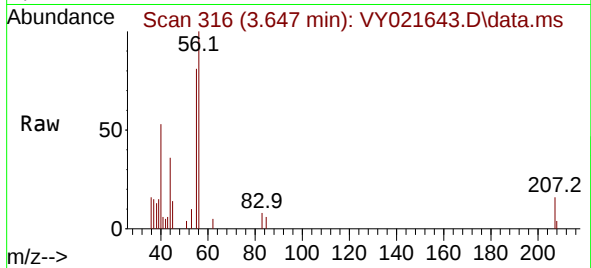




#13
Acrolein
Concen: 31.275 ug/l
RT: 3.647 min Scan# 319
Delta R.T. -0.018 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

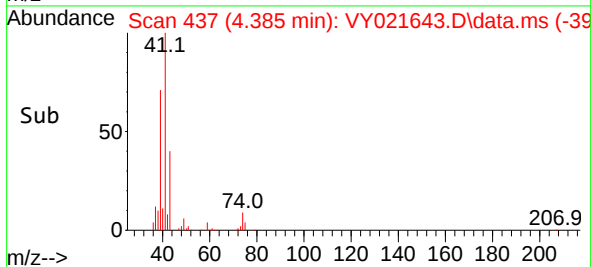
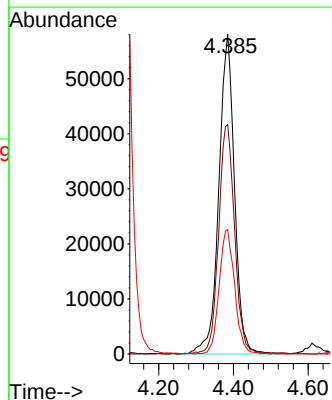
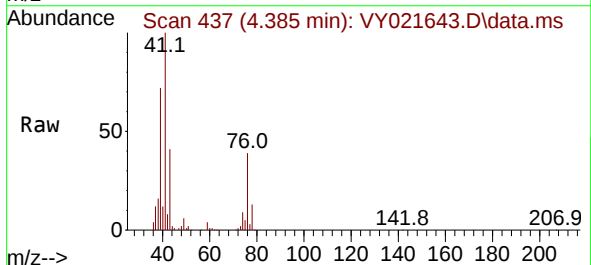
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

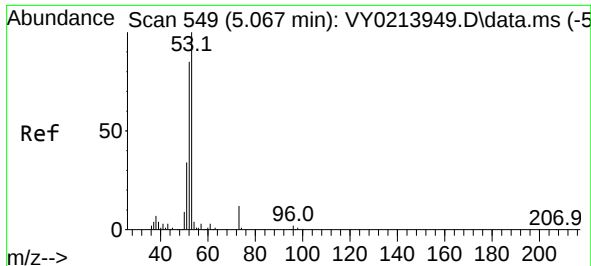
Tgt Ion: 56 Resp: 3288
Ion Ratio Lower Upper
56 100
55 74.1 63.4 95.2



#14
Allyl chloride
Concen: 52.110 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

Tgt Ion: 41 Resp: 169165
Ion Ratio Lower Upper
41 100
39 73.5 59.3 88.9
76 38.5 29.8 44.8

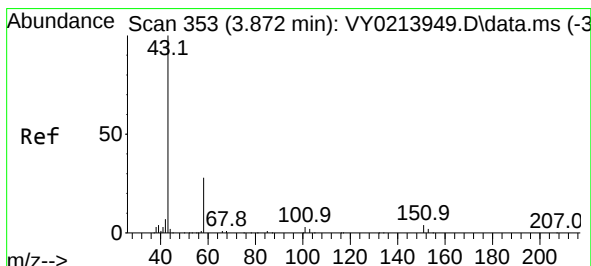
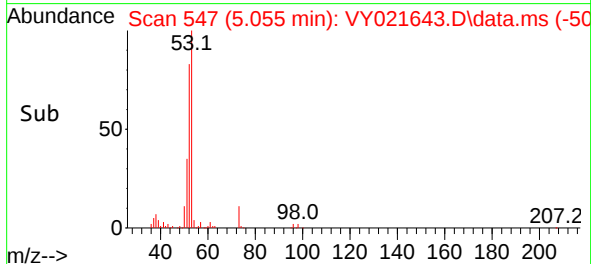
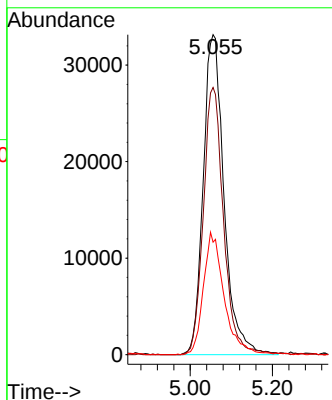
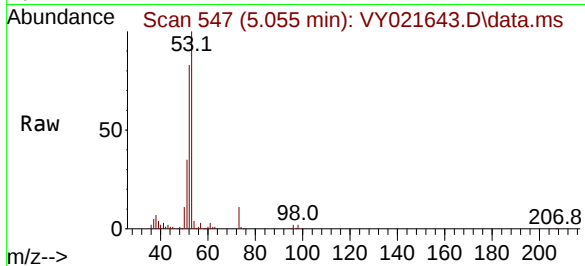




#15
Acrylonitrile
Concen: 256.089 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

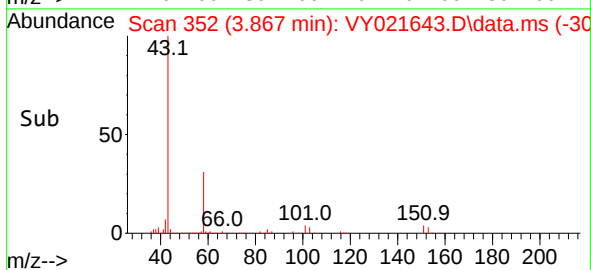
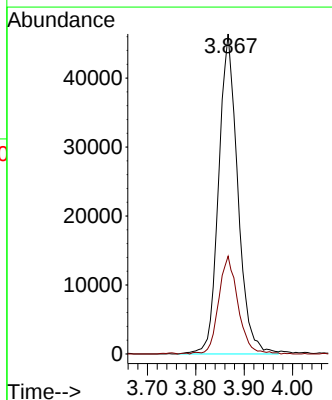
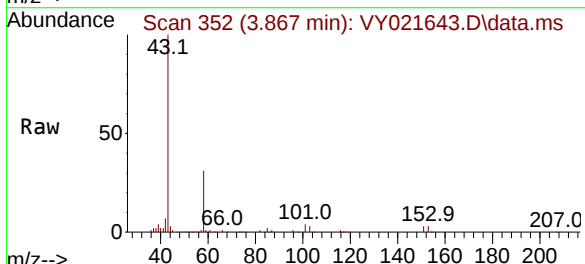
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

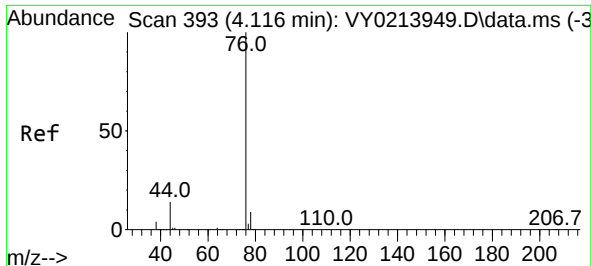
Tgt Ion: 53 Resp: 116589
Ion Ratio Lower Upper
53 100
52 81.4 66.3 99.5
51 38.0 30.3 45.5



#16
Acetone
Concen: 282.569 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.005 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

Tgt Ion: 43 Resp: 127386
Ion Ratio Lower Upper
43 100
58 30.6 22.1 33.1

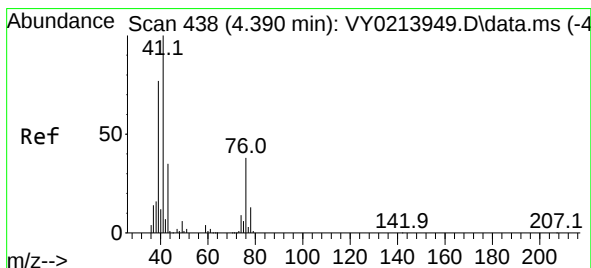
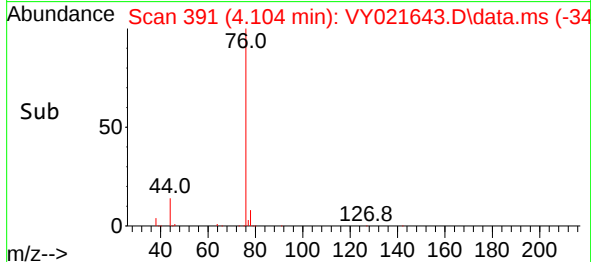
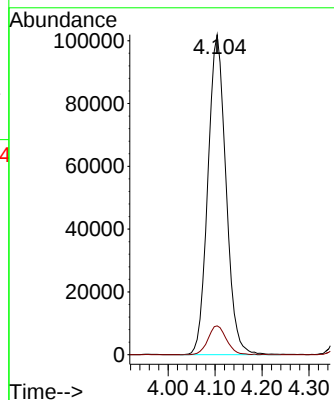
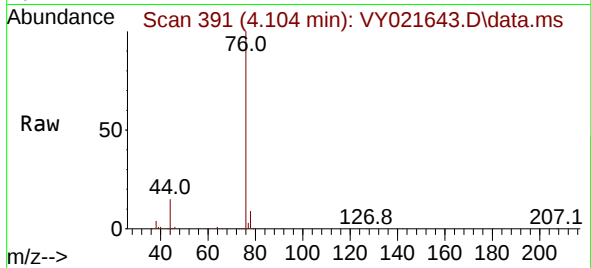




#17
Carbon Disulfide
Concen: 43.204 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

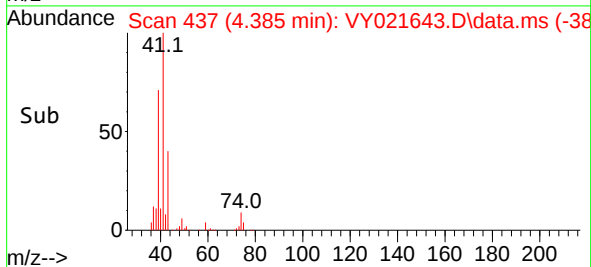
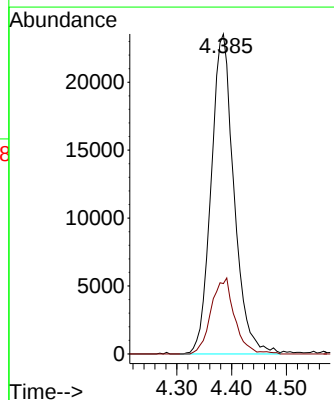
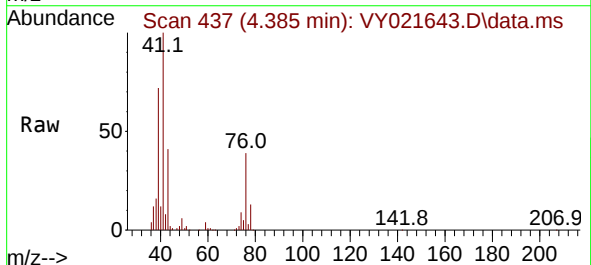
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

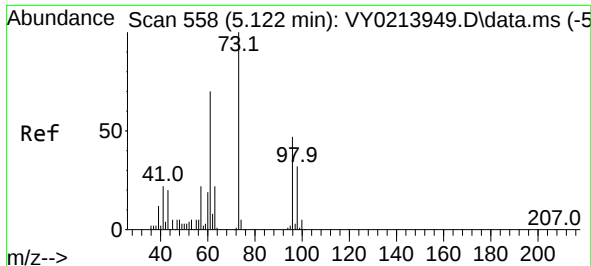
Tgt Ion: 76 Resp: 271988
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 68.090 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

Tgt Ion: 43 Resp: 68109
Ion Ratio Lower Upper
43 100
74 24.4 19.4 29.0

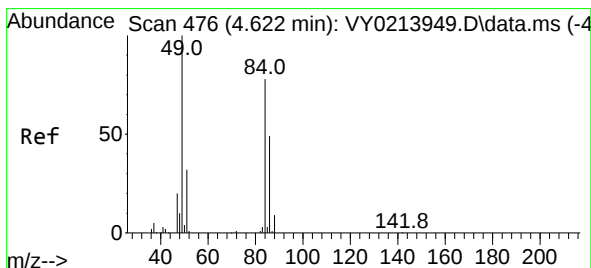
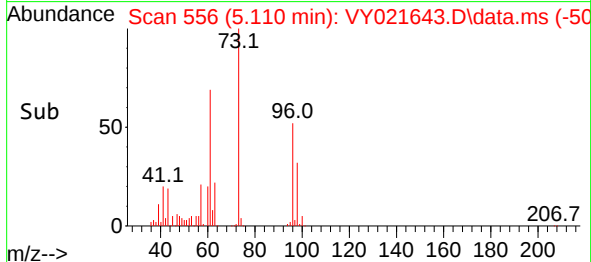
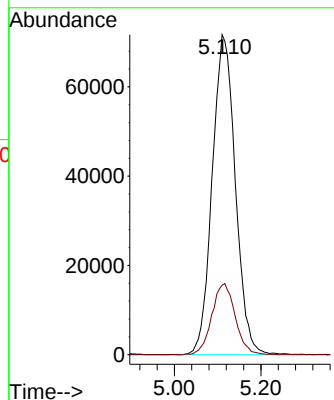
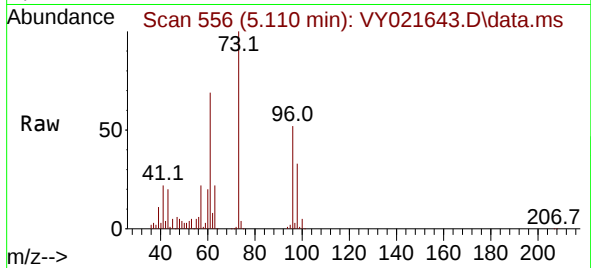




#19
Methyl tert-butyl Ether
Concen: 52.236 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

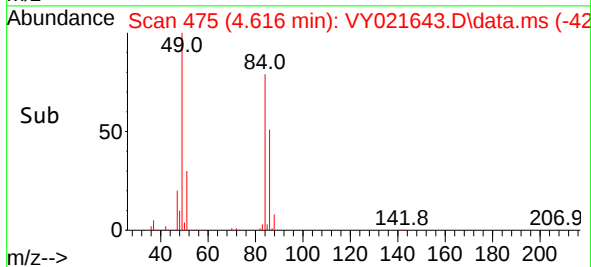
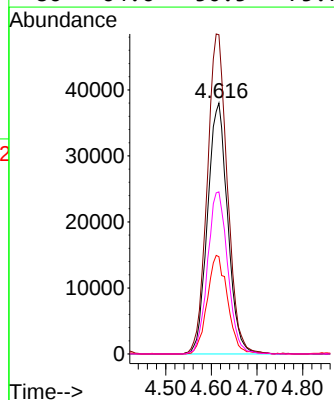
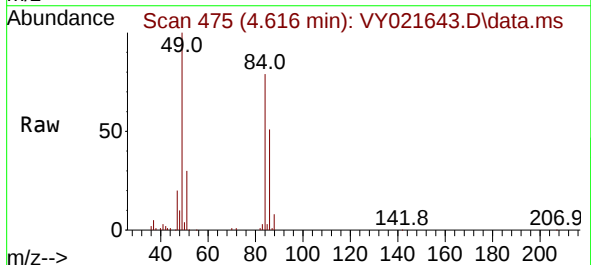
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

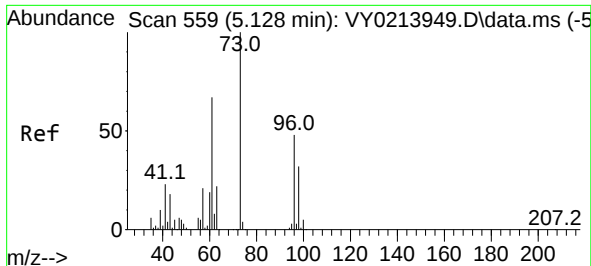
Tgt Ion: 73 Resp: 265959
Ion Ratio Lower Upper
73 100
57 21.7 17.9 26.9



#20
Methylene Chloride
Concen: 49.164 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

Tgt Ion: 84 Resp: 116342
Ion Ratio Lower Upper
84 100
49 127.2 102.0 153.0
51 38.8 33.0 49.6
86 64.6 50.5 75.7

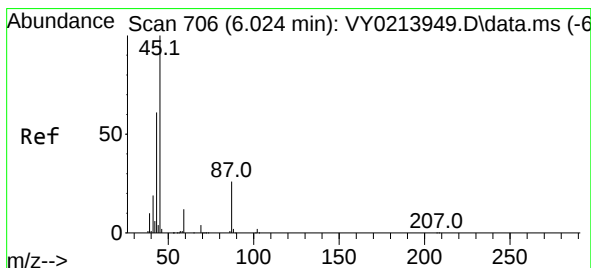
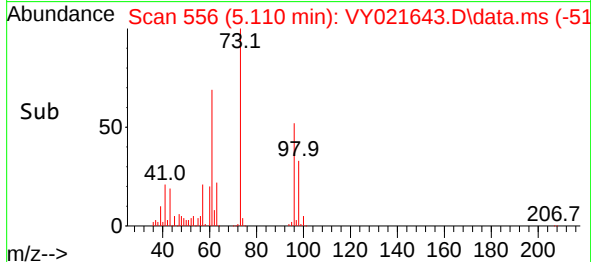
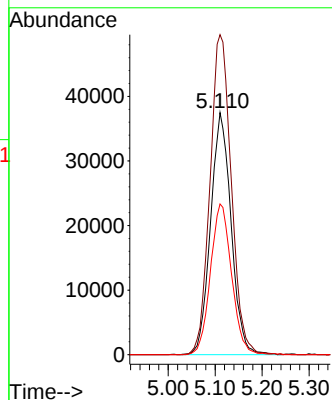
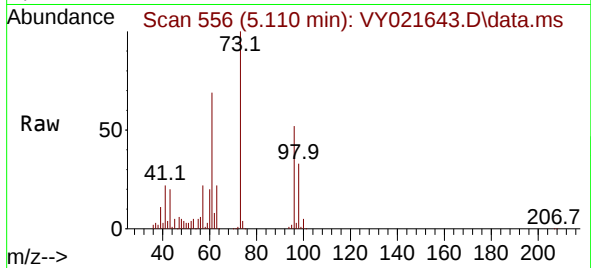




#21
trans-1,2-Dichloroethene
Concen: 50.604 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

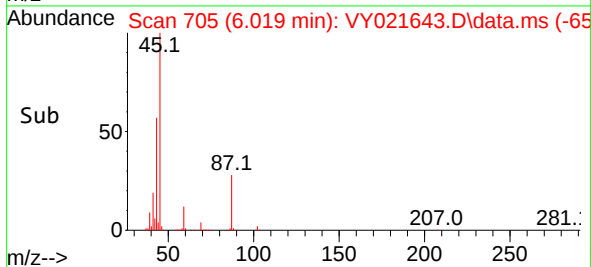
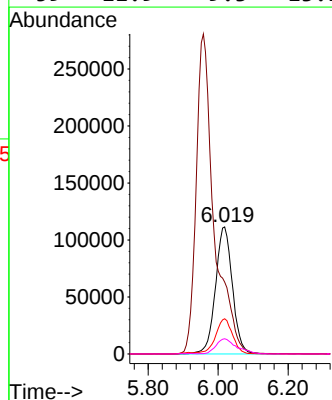
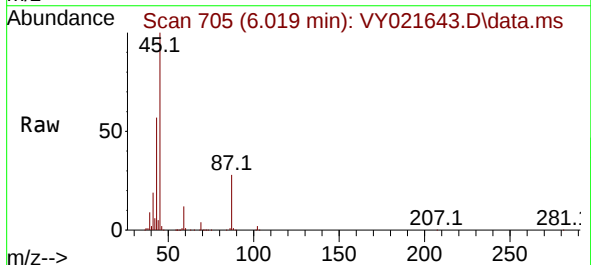
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

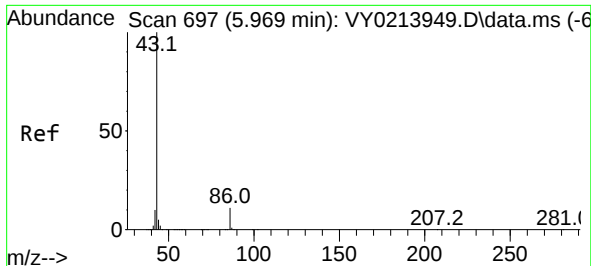
Tgt Ion: 96 Resp: 113842
Ion Ratio Lower Upper
96 100
61 132.2 111.5 167.3
98 62.3 53.8 80.8



#22
Diisopropyl ether
Concen: 53.555 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

Tgt Ion: 45 Resp: 374678
Ion Ratio Lower Upper
45 100
43 56.3 48.7 73.1
87 27.8 21.5 32.3
59 11.9 9.3 13.9

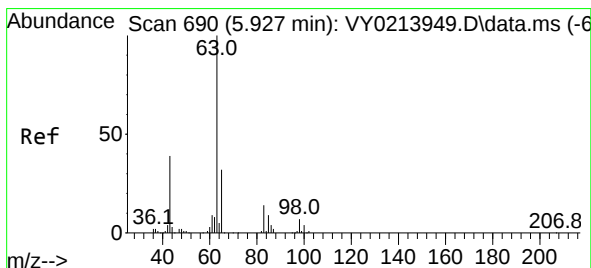
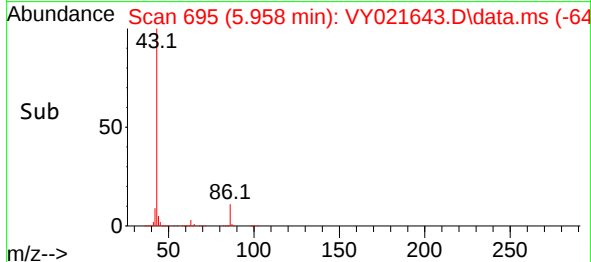
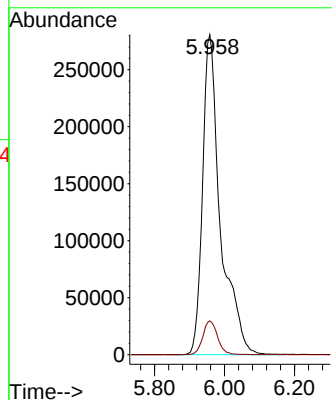
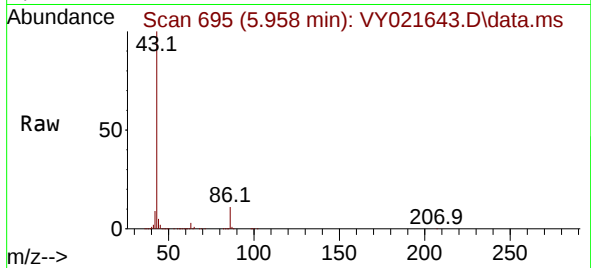




#23
 Vinyl Acetate
 Concen: 249.263 ug/l
 RT: 5.958 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: VY021643.D
 Acq: 26 Mar 2025 12:56

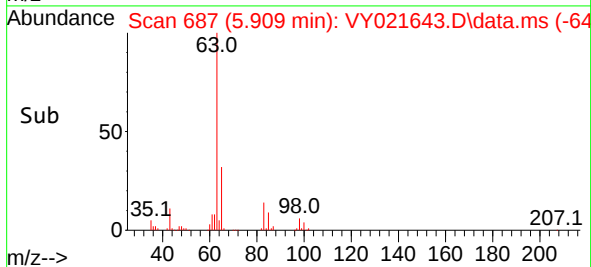
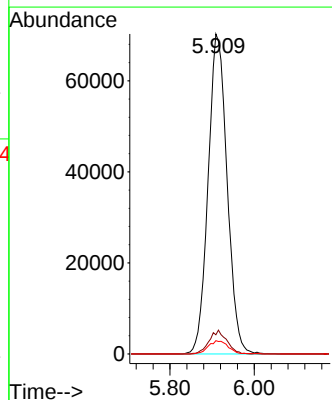
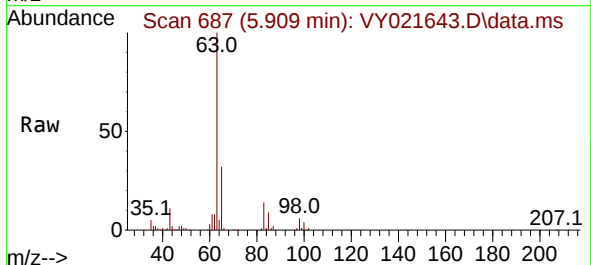
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

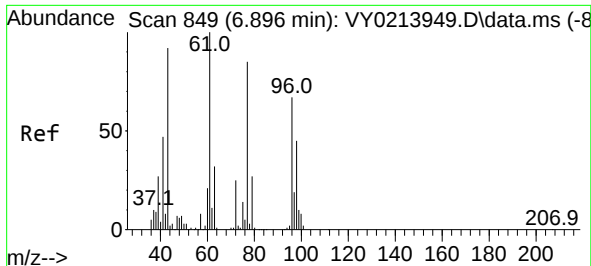
Tgt Ion: 43 Resp: 995235
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 53.346 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.018 min
 Lab File: VY021643.D
 Acq: 26 Mar 2025 12:56

Tgt Ion: 63 Resp: 220272
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.9
 100 4.2 2.1 6.5

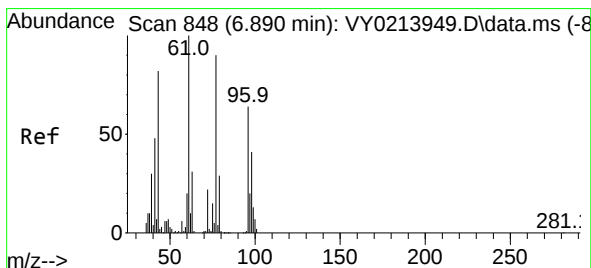
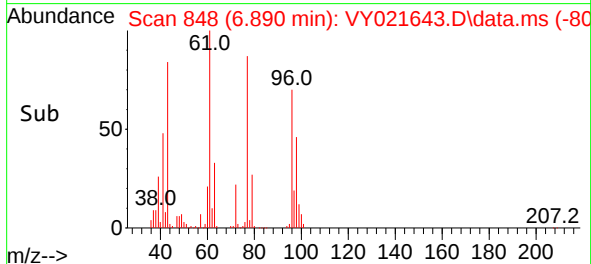
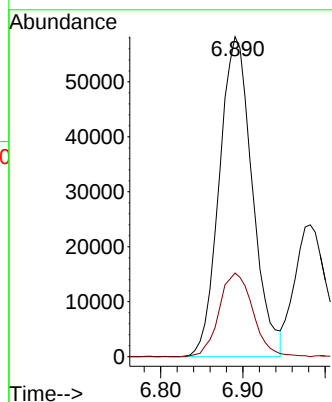
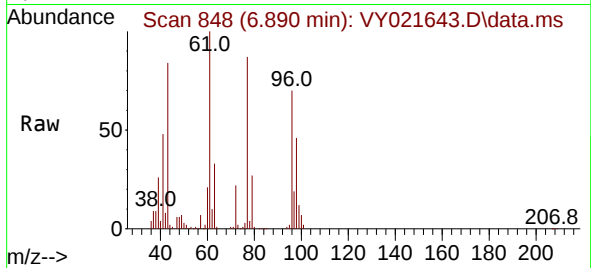




#25
2-Butanone
Concen: 260.852 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

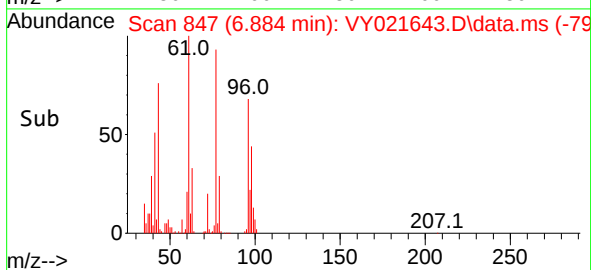
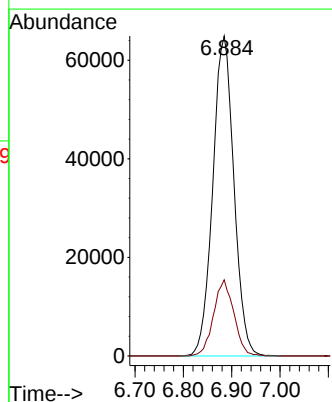
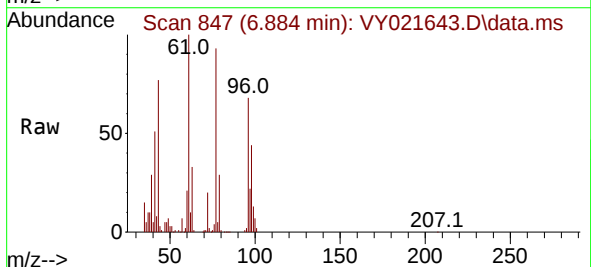
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

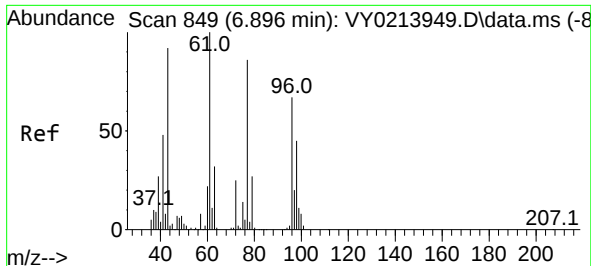
Tgt Ion: 43 Resp: 162670
Ion Ratio Lower Upper
43 100
72 26.1 21.4 32.0



#26
2,2-Dichloropropane
Concen: 51.881 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

Tgt Ion: 77 Resp: 197107
Ion Ratio Lower Upper
77 100
97 22.8 11.3 33.8

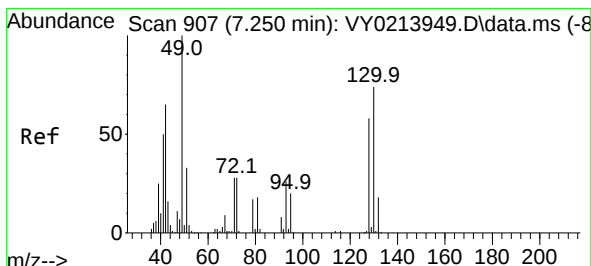
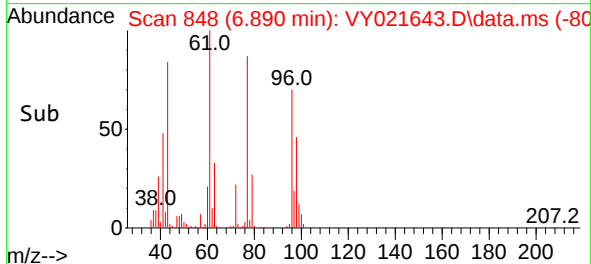
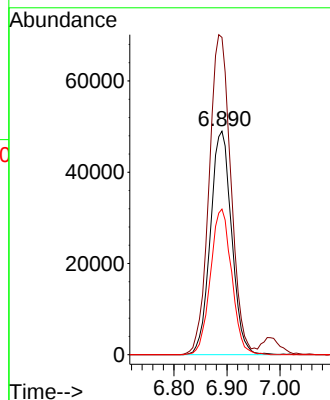
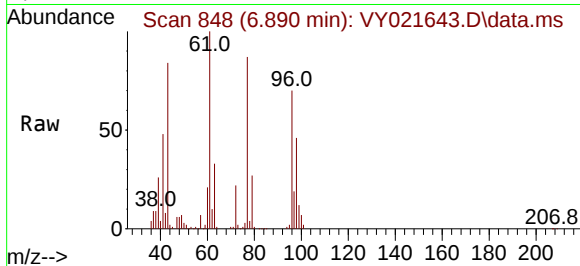




#27
 cis-1,2-Dichloroethene
 Concen: 53.328 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY021643.D
 Acq: 26 Mar 2025 12:56

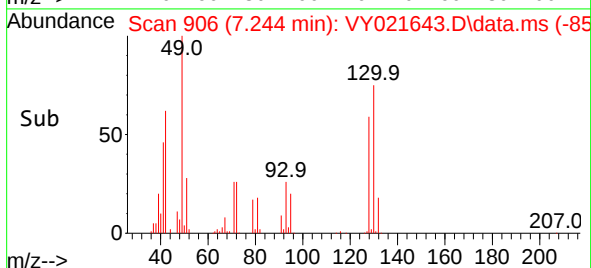
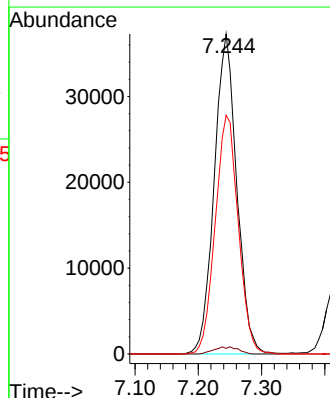
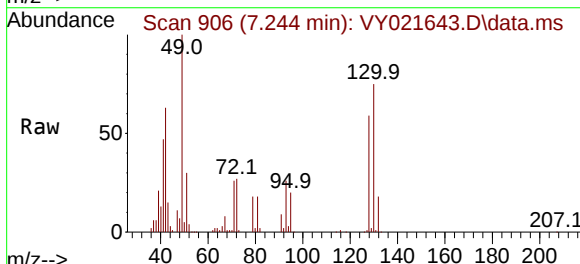
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

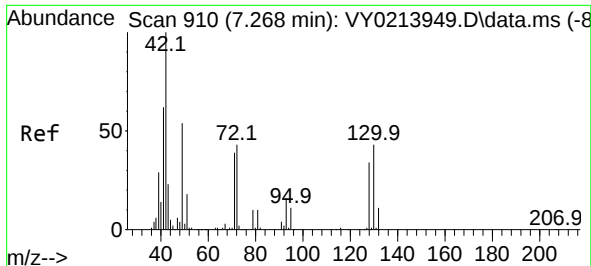
Tgt Ion: 96 Resp: 136292
 Ion Ratio Lower Upper
 96 100
 61 147.2 0.0 300.8
 98 65.0 0.0 130.0



#28
 Bromochloromethane
 Concen: 53.179 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021643.D
 Acq: 26 Mar 2025 12:56

Tgt Ion: 49 Resp: 92056
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.2
 130 76.2 59.6 89.4





#29

Tetrahydrofuran

Concen: 248.120 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY021643.D

Acq: 26 Mar 2025 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

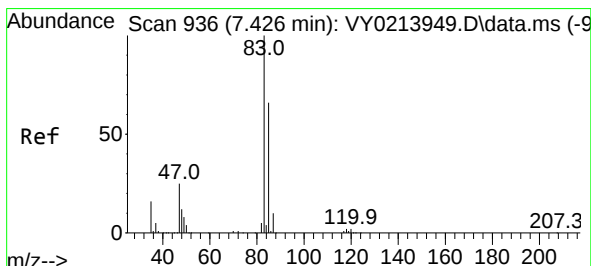
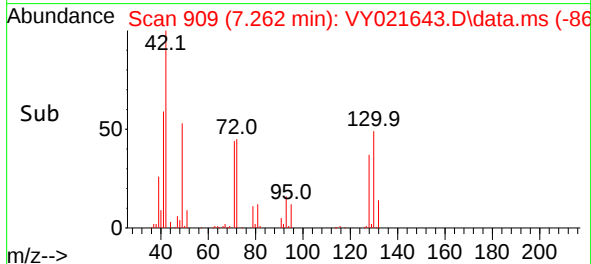
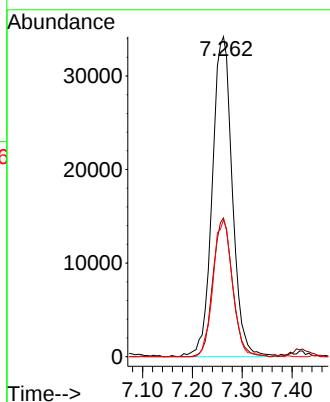
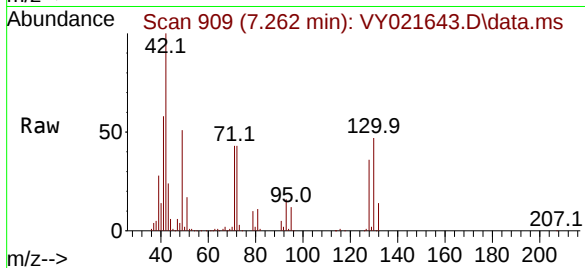
Tgt Ion: 42 Resp: 95523

Ion Ratio Lower Upper

42 100

72 42.2 34.8 52.2

71 41.4 32.6 48.8



#30

Chloroform

Concen: 53.821 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY021643.D

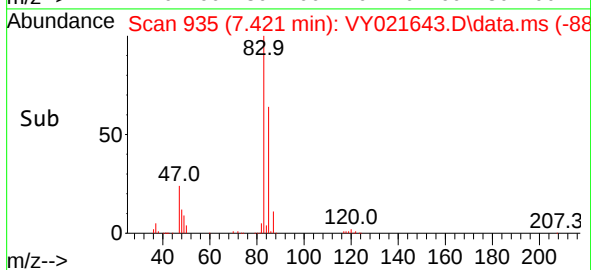
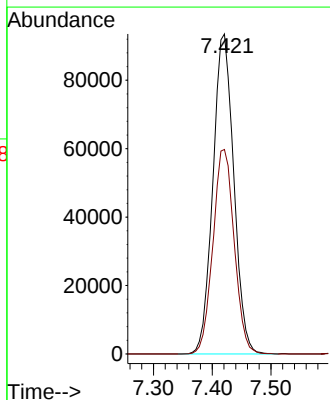
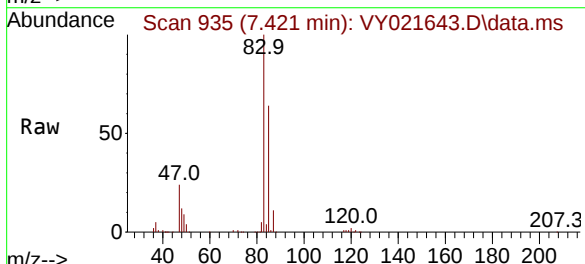
Acq: 26 Mar 2025 12:56

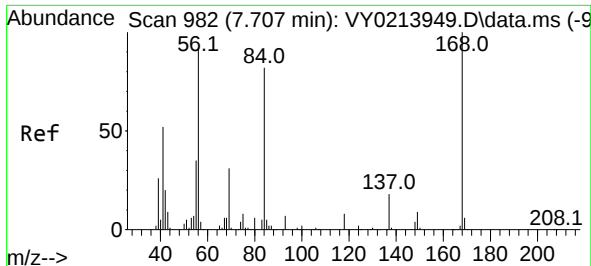
Tgt Ion: 83 Resp: 230765

Ion Ratio Lower Upper

83 100

85 63.9 53.1 79.7

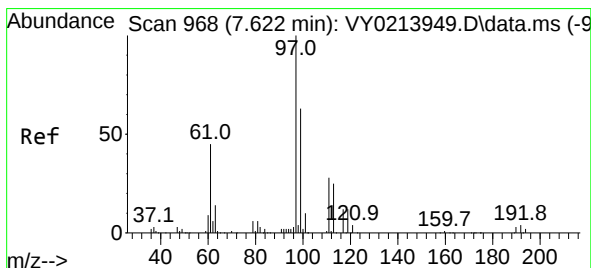
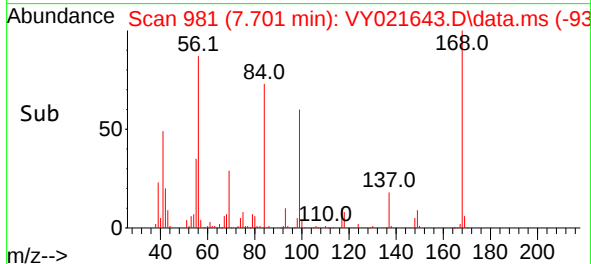
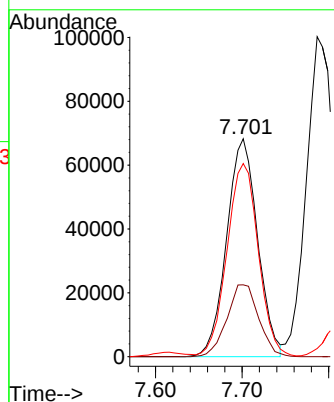
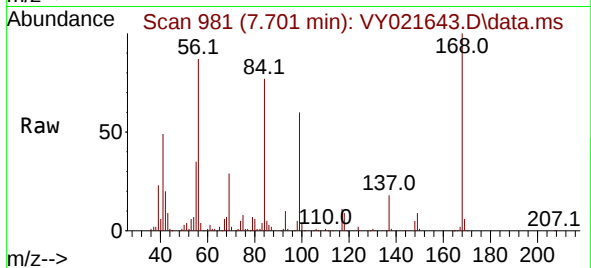




#31
Cyclohexane
Concen: 43.776 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

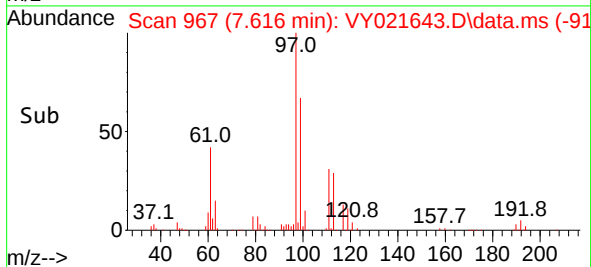
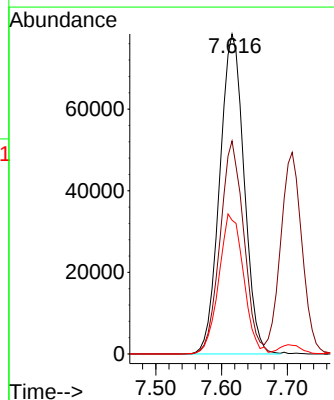
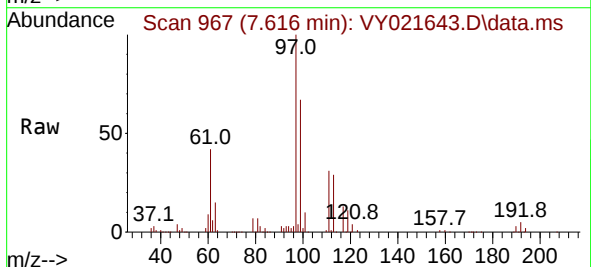
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

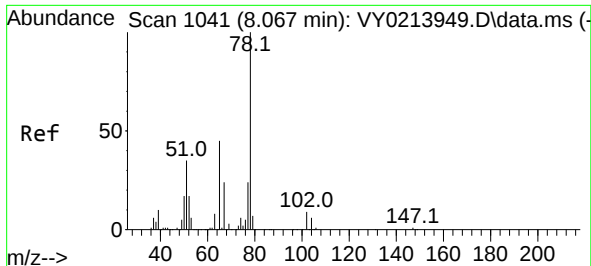
Tgt Ion: 56 Resp: 169457
Ion Ratio Lower Upper
56 100
69 33.0 27.0 40.4
84 87.2 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 51.460 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

Tgt Ion: 97 Resp: 202027
Ion Ratio Lower Upper
97 100
99 64.9 51.7 77.5
61 44.5 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 46.490 ug/l

RT: 8.061 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VY021643.D

Acq: 26 Mar 2025 12:56

Instrument :

MSVOA_Y

ClientSampleId :

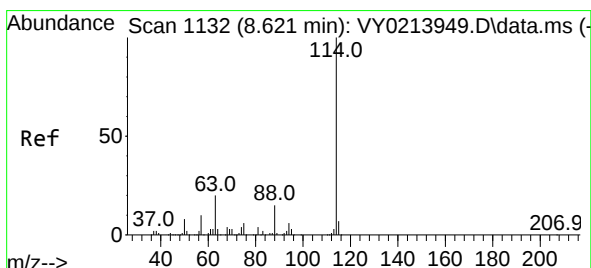
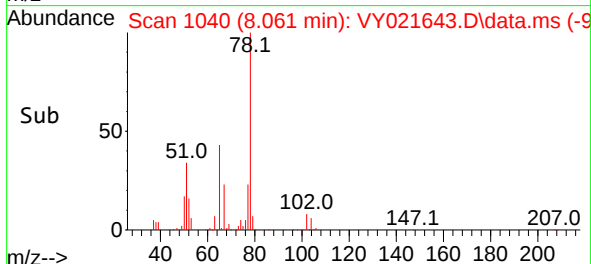
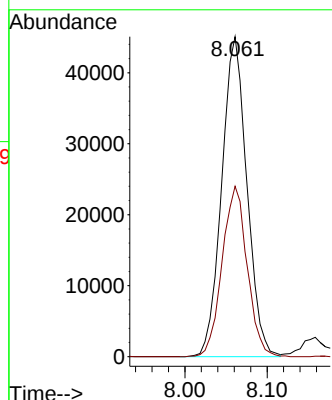
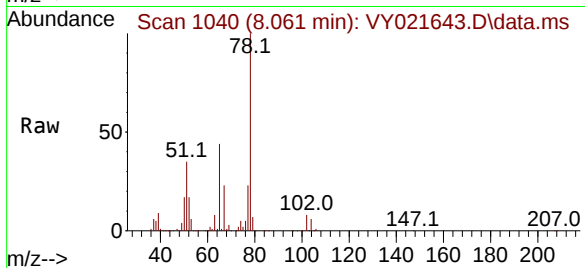
VSTDCCC050

Tgt Ion: 65 Resp: 96091

Ion Ratio Lower Upper

65 100

67 52.9 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: VY021643.D

Acq: 26 Mar 2025 12:56

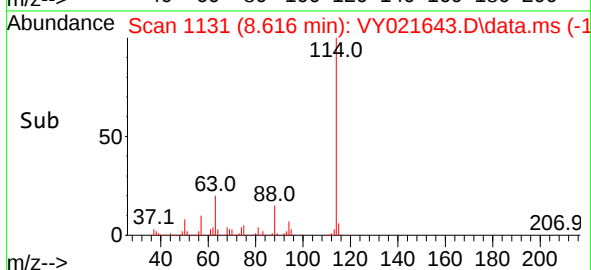
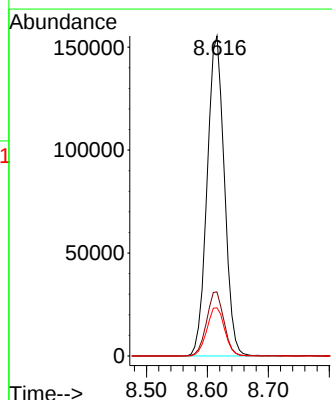
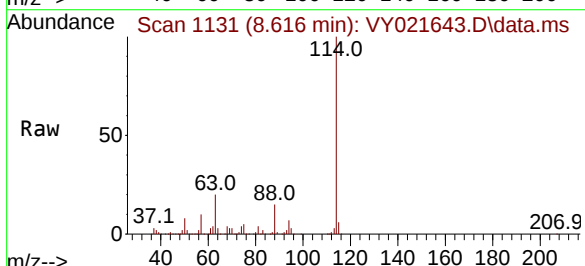
Tgt Ion: 114 Resp: 305023

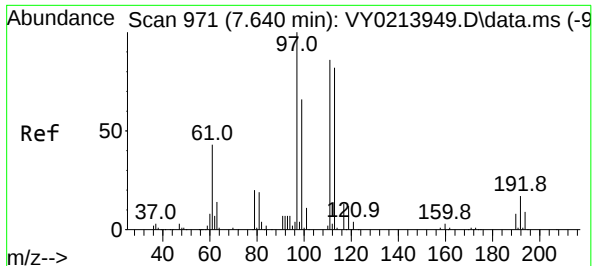
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

88 15.1 0.0 30.8

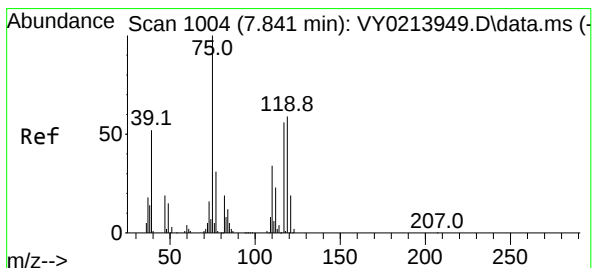
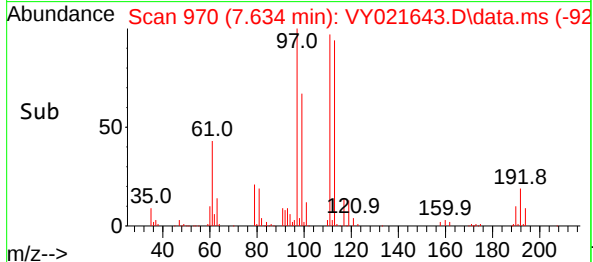
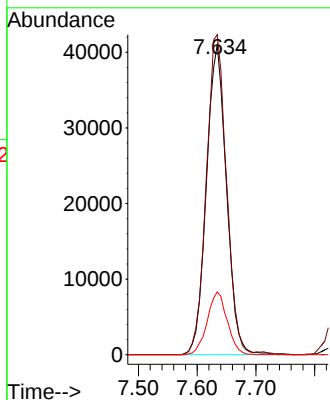
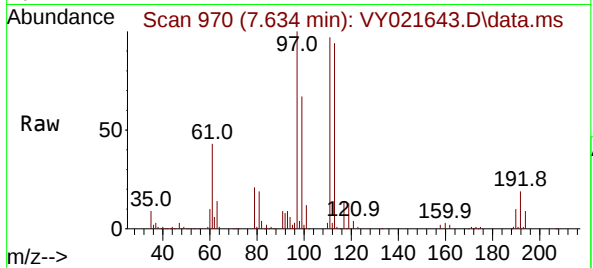




#35
Dibromofluoromethane
Concen: 48.517 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

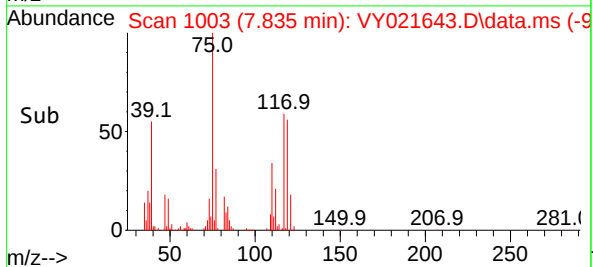
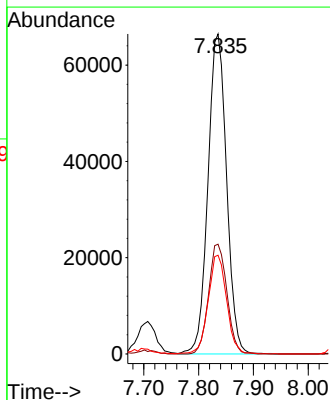
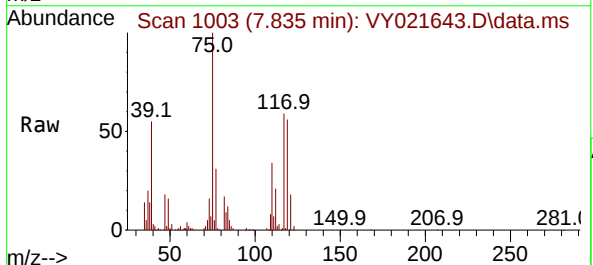
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

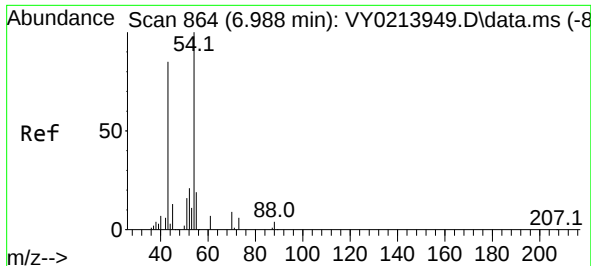
Tgt Ion:113 Resp: 97274
Ion Ratio Lower Upper
113 100
111 103.5 82.0 123.0
192 20.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 49.954 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

Tgt Ion: 75 Resp: 156774
Ion Ratio Lower Upper
75 100
110 33.8 17.3 51.7
77 30.6 25.4 38.2





#37

Ethyl Acetate

Concen: 47.695 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY021643.D

Acq: 26 Mar 2025 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

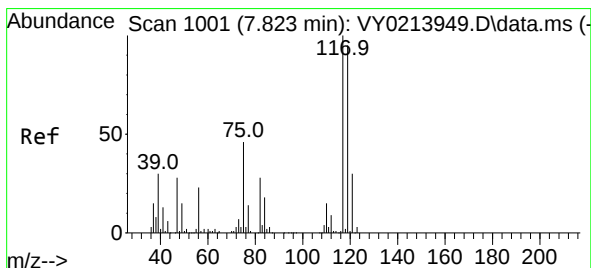
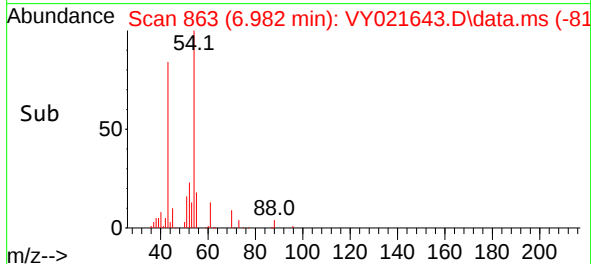
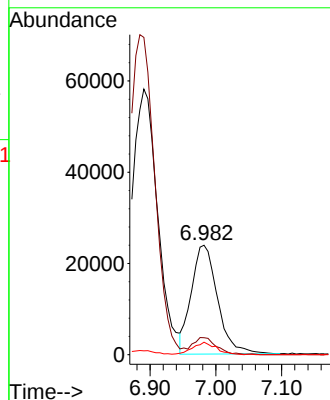
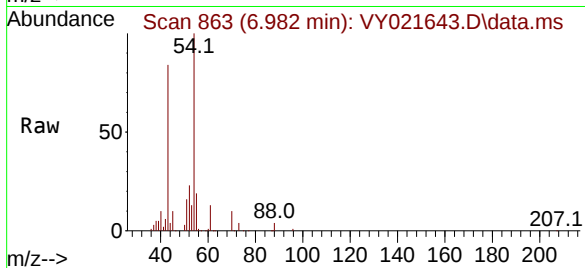
Tgt Ion: 43 Resp: 66159

Ion Ratio Lower Upper

43 100

61 13.8 11.4 17.0

70 10.2 8.2 12.2



#38

Carbon Tetrachloride

Concen: 50.738 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021643.D

Acq: 26 Mar 2025 12:56

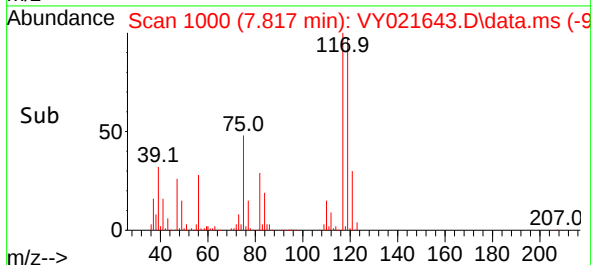
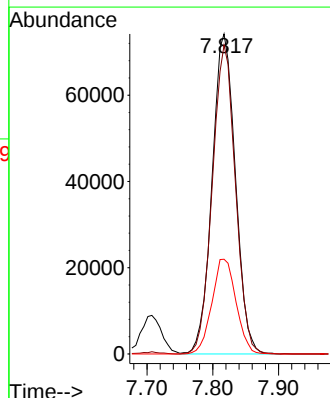
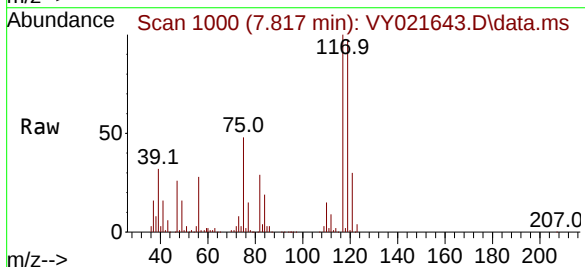
Tgt Ion: 117 Resp: 183135

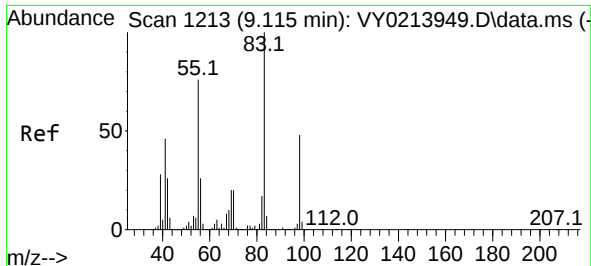
Ion Ratio Lower Upper

117 100

119 96.5 75.8 113.8

121 29.6 23.9 35.9

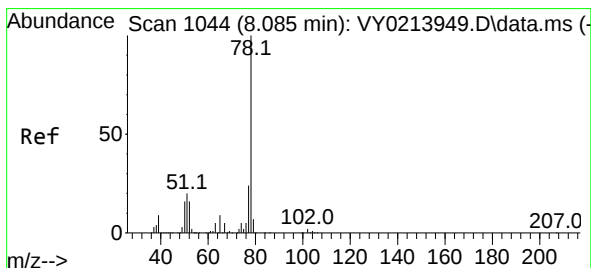
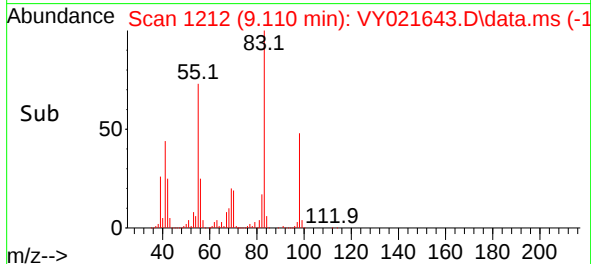
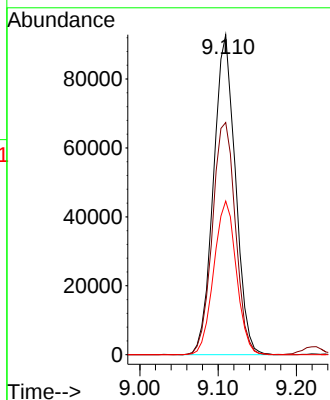
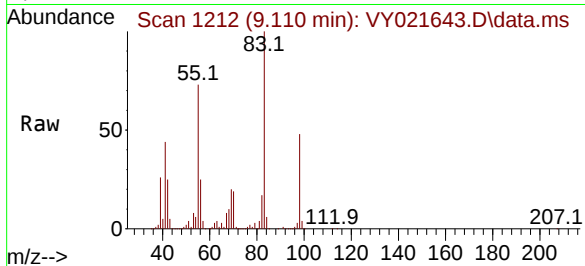




#39
Methylcyclohexane
Concen: 46.983 ug/l
RT: 9.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

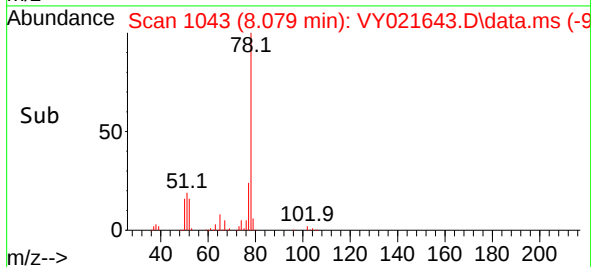
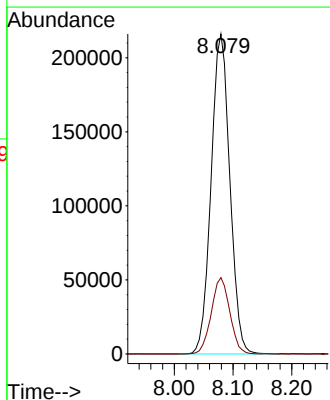
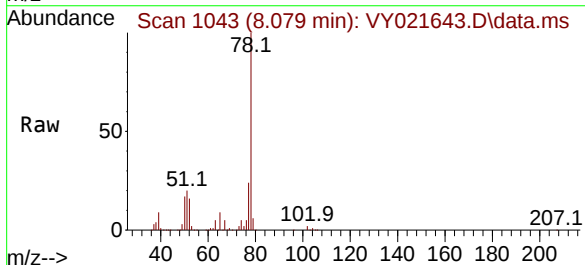
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

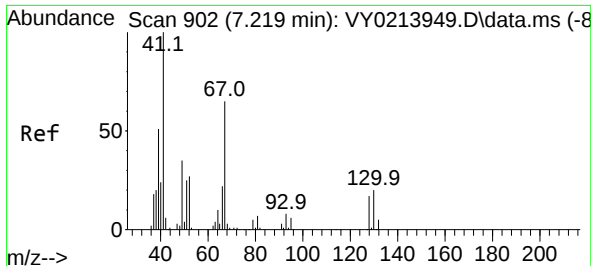
Tgt Ion: 83 Resp: 180867
Ion Ratio Lower Upper
83 100
55 72.5 60.7 91.1
98 48.0 38.6 57.8



#40
Benzene
Concen: 51.674 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

Tgt Ion: 78 Resp: 477731
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4

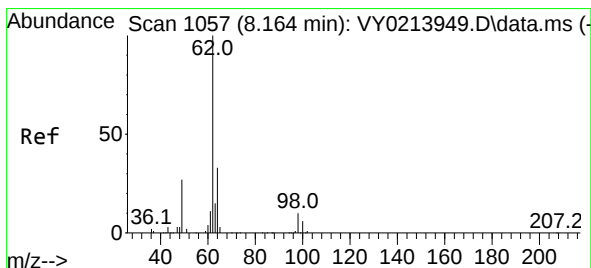
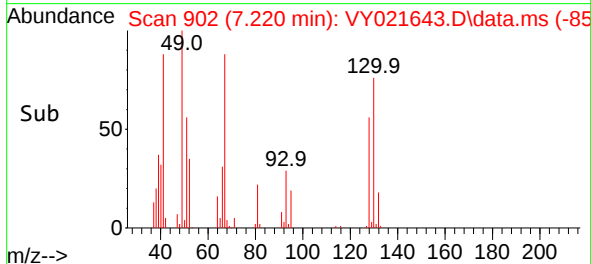
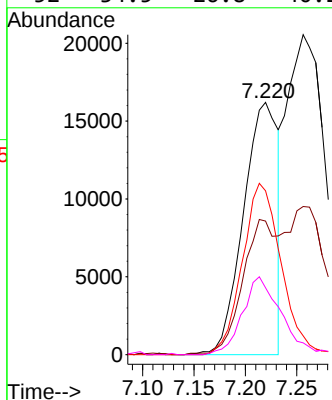
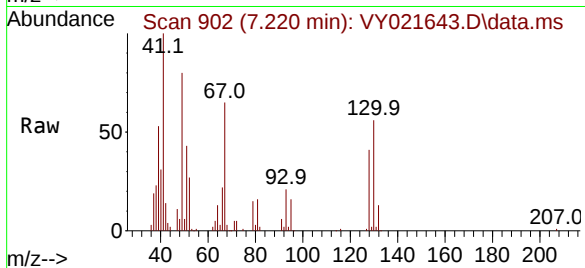




#41
Methacrylonitrile
Concen: 50.175 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

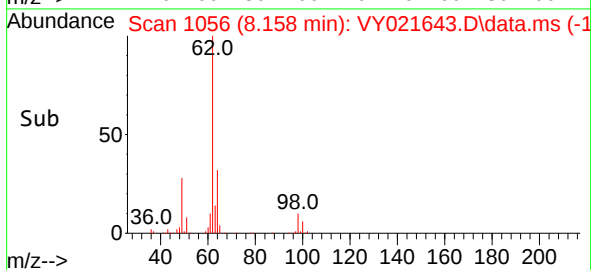
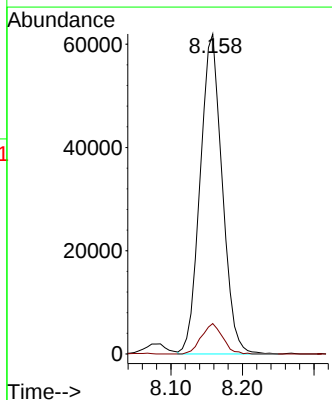
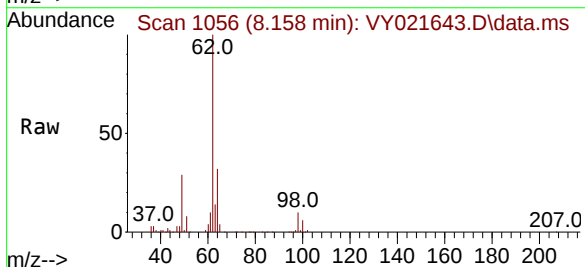
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

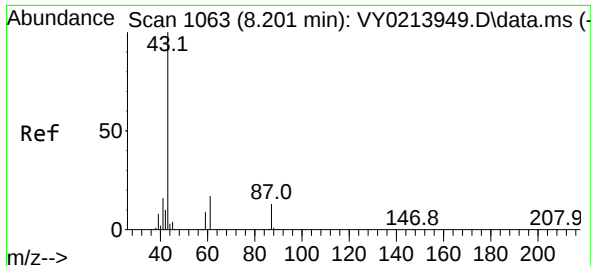
Tgt Ion:	41	Resp:	37897
Ion	Ratio	Lower	Upper
41	100		
39	53.4	35.0	52.6#
67	76.5	61.2	91.8
52	34.5	26.8	40.2



#42
1,2-Dichloroethane
Concen: 51.244 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

Tgt Ion:	62	Resp:	132533
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.2

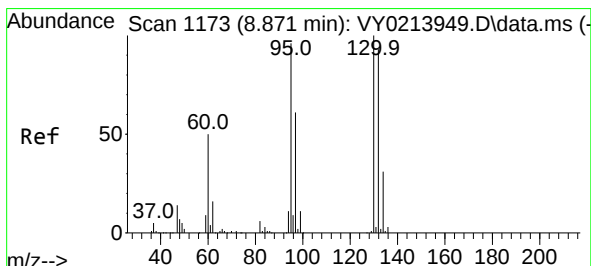
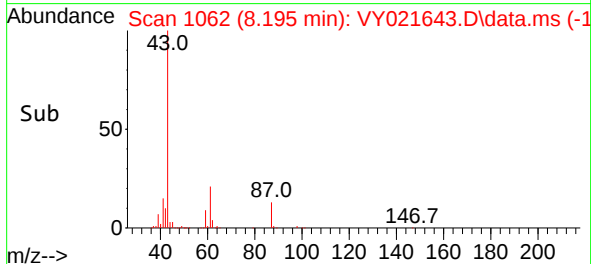
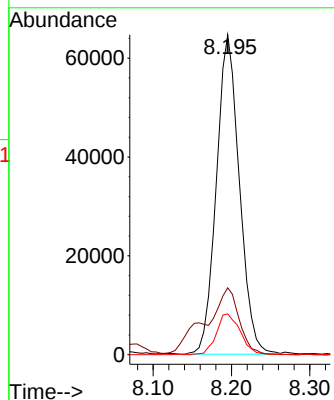
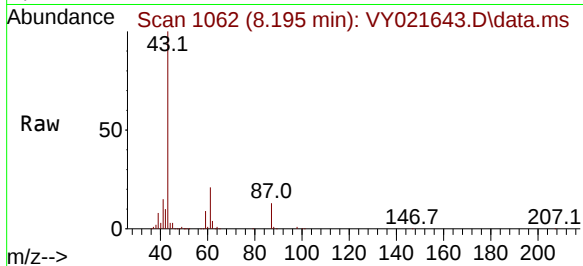




#43
Isopropyl Acetate
Concen: 48.986 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

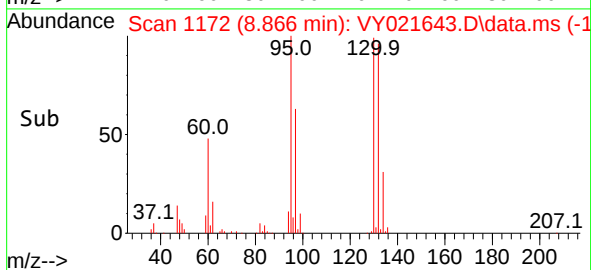
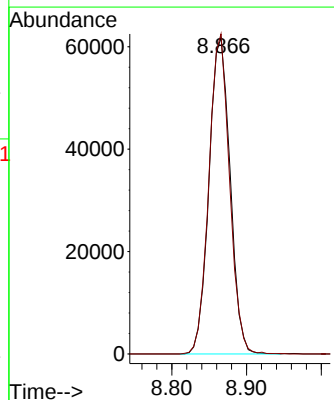
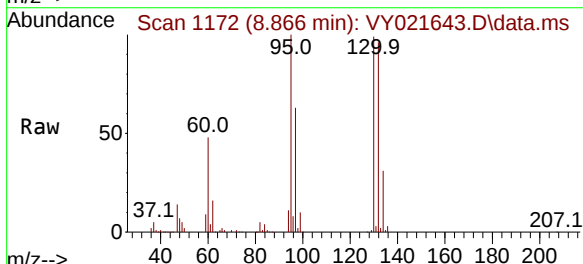
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

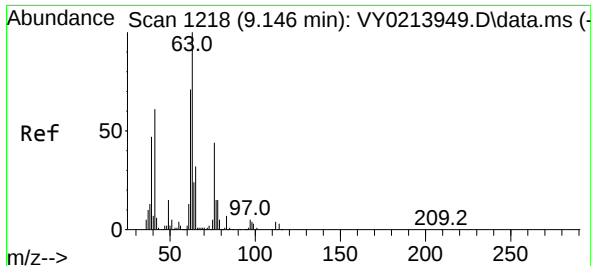
Tgt Ion: 43 Resp: 131908
Ion Ratio Lower Upper
43 100
61 20.6 23.4 35.0#
87 13.2 10.5 15.7



#44
Trichloroethene
Concen: 51.955 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

Tgt Ion:130 Resp: 121377
Ion Ratio Lower Upper
130 100
95 101.1 0.0 191.6





#45

1,2-Dichloropropane

Concen: 53.644 ug/l

RT: 9.140 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021643.D

Acq: 26 Mar 2025 12:56

Instrument :

MSVOA_Y

ClientSampleId :

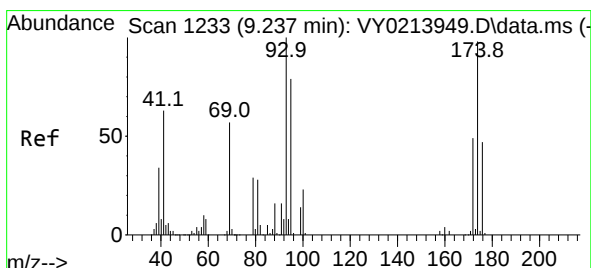
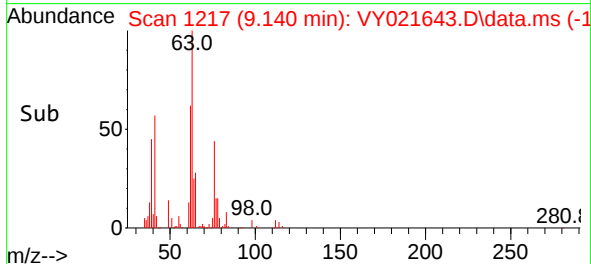
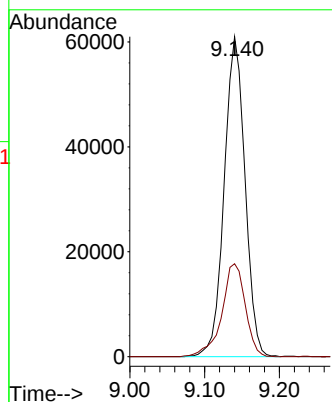
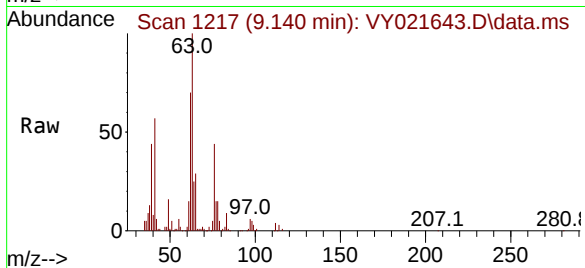
VSTDCCC050

Tgt Ion: 63 Resp: 118033

Ion Ratio Lower Upper

63 100

65 29.0 26.0 39.0



#46

Dibromomethane

Concen: 51.764 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021643.D

Acq: 26 Mar 2025 12:56

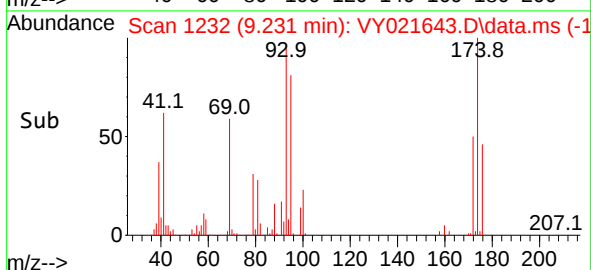
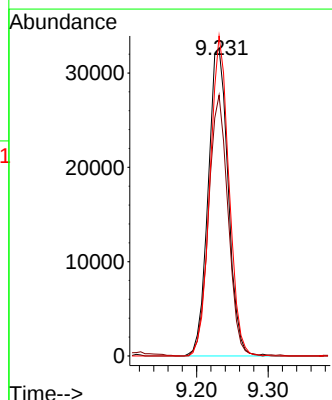
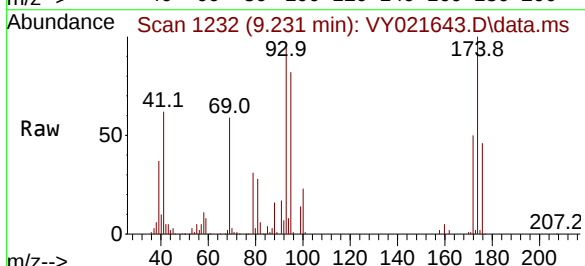
Tgt Ion: 93 Resp: 63374

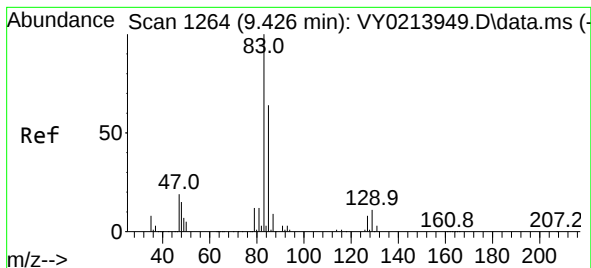
Ion Ratio Lower Upper

93 100

95 82.3 65.8 98.8

174 98.7 77.9 116.9





#47

Bromodichloromethane

Concen: 54.138 ug/l

RT: 9.420 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021643.D

Acq: 26 Mar 2025 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

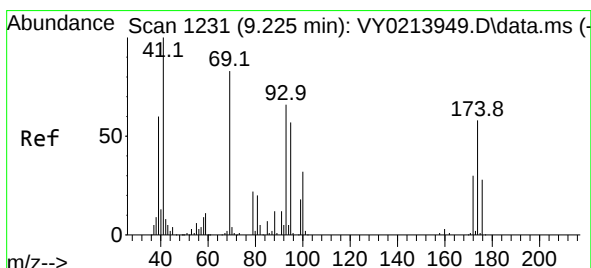
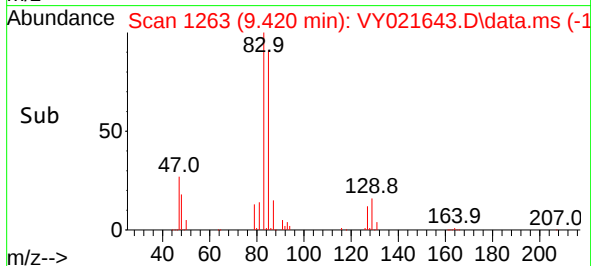
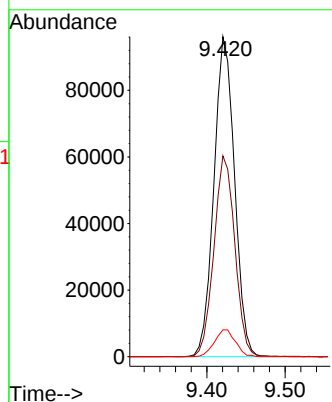
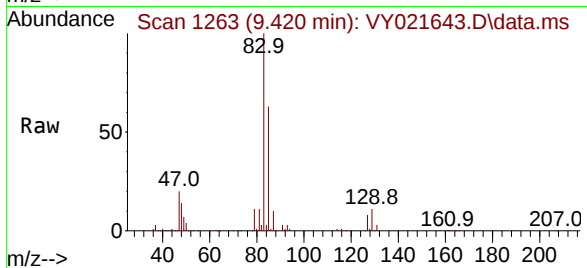
Tgt Ion: 83 Resp: 176017

Ion Ratio Lower Upper

83 100

85 62.7 51.1 76.7

127 8.4 6.7 10.1



#48

Methyl methacrylate

Concen: 49.717 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY021643.D

Acq: 26 Mar 2025 12:56

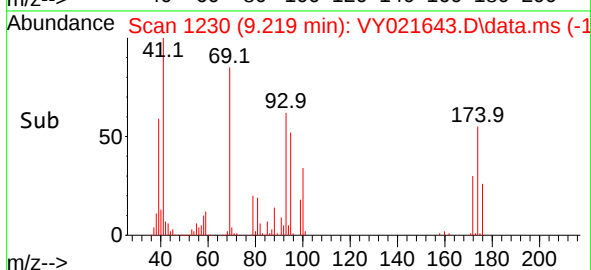
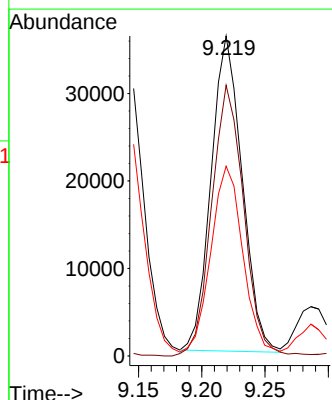
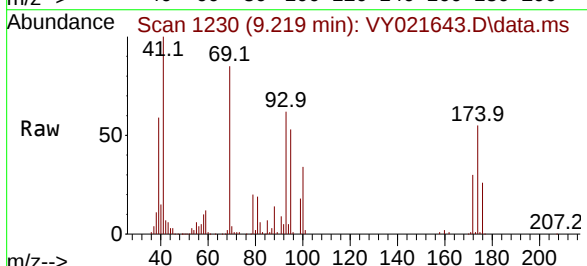
Tgt Ion: 41 Resp: 61475

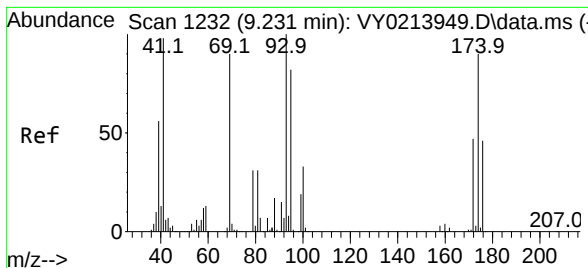
Ion Ratio Lower Upper

41 100

69 88.8 67.8 101.8

39 60.3 46.4 69.6





#49

1,4-Dioxane

Concen: 1121.940 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021643.D

Acq: 26 Mar 2025 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

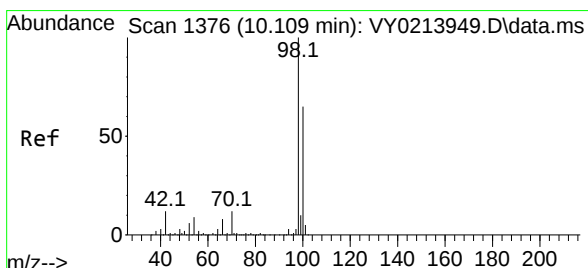
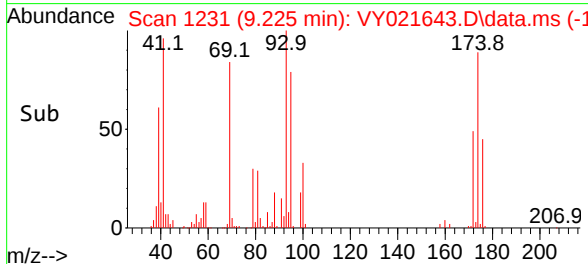
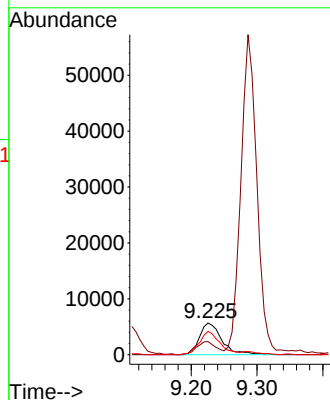
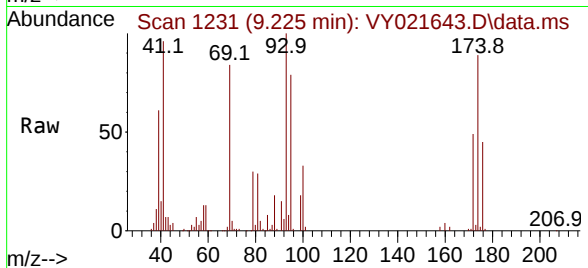
Tgt Ion: 88 Resp: 13482

Ion Ratio Lower Upper

88 100

43 36.3 25.0 37.4

58 67.8 58.4 87.6



#50

Toluene-d8

Concen: 47.623 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021643.D

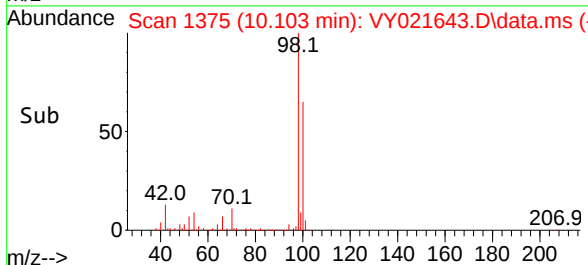
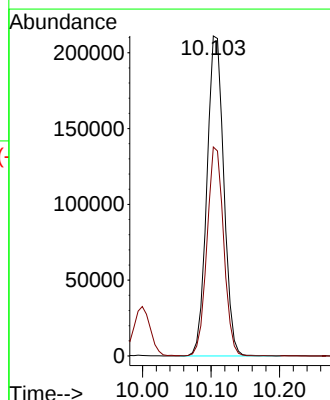
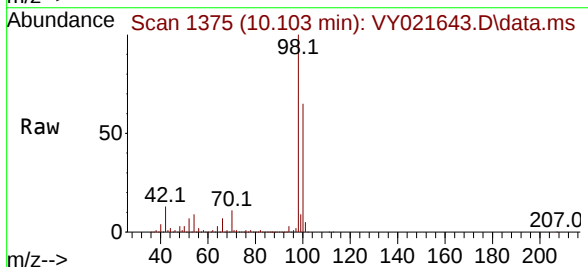
Acq: 26 Mar 2025 12:56

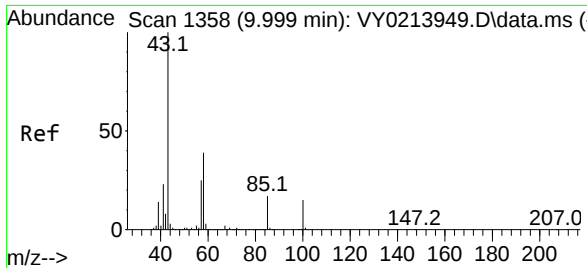
Tgt Ion: 98 Resp: 361530

Ion Ratio Lower Upper

98 100

100 64.4 52.1 78.1

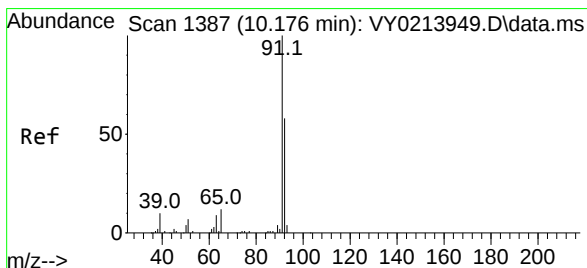
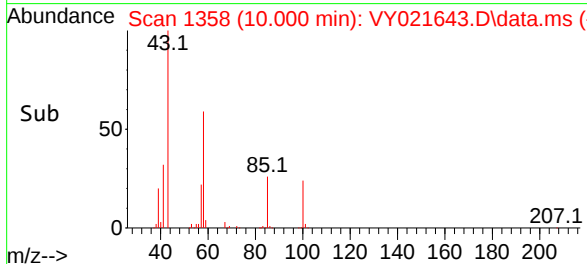
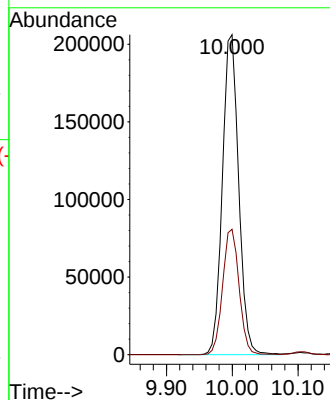
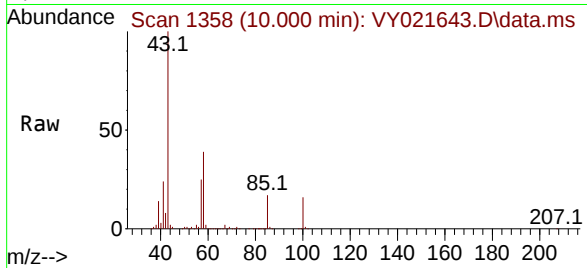




#51
4-Methyl-2-Pentanone
Concen: 255.841 ug/l
RT: 10.000 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

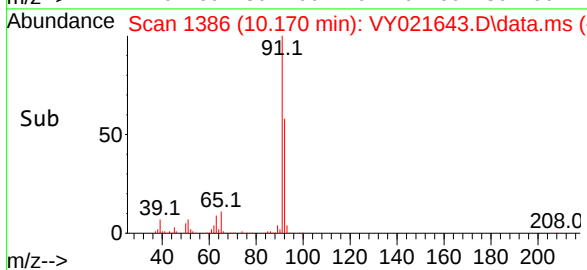
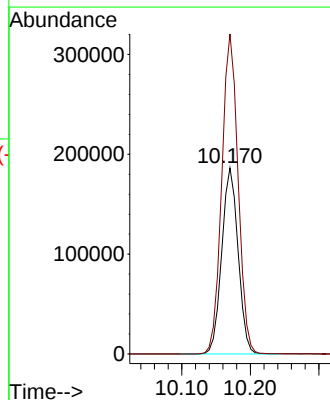
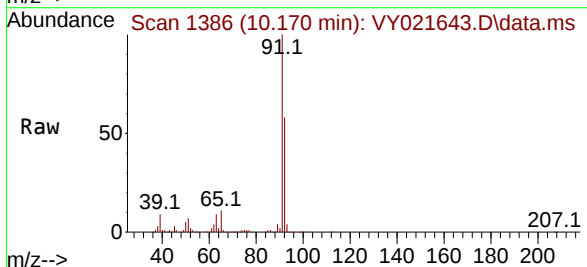
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

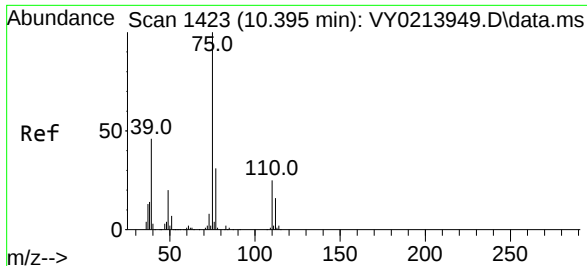
Tgt Ion: 43 Resp: 355460
Ion Ratio Lower Upper
43 100
58 39.6 31.4 47.2



#52
Toluene
Concen: 52.686 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

Tgt Ion: 92 Resp: 307085
Ion Ratio Lower Upper
92 100
91 172.3 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 53.772 ug/l

RT: 10.390 min Scan# 1423

Delta R.T. -0.006 min

Lab File: VY021643.D

Acq: 26 Mar 2025 12:56

Instrument :

MSVOA_Y

ClientSampleId :

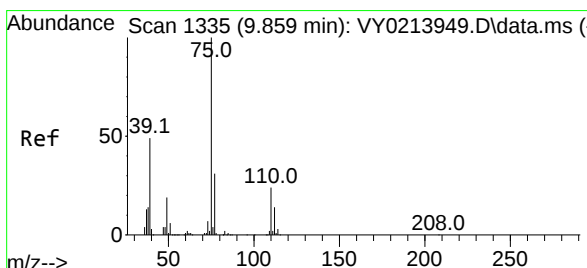
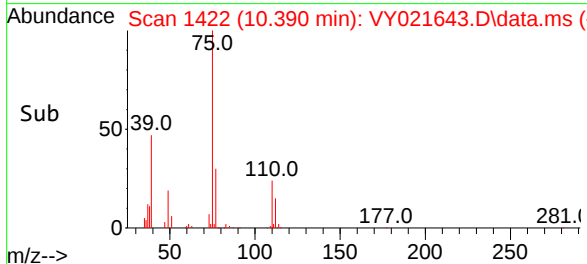
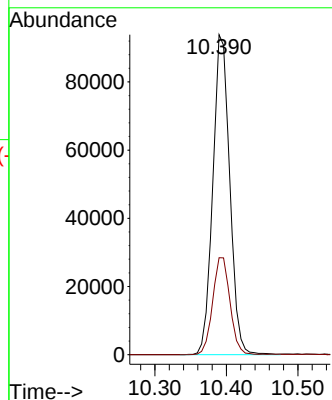
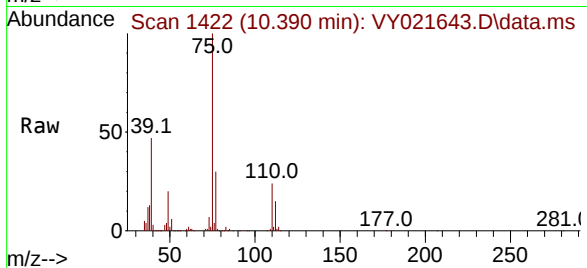
VSTDCCC050

Tgt Ion: 75 Resp: 154028

Ion Ratio Lower Upper

75 100

77 30.3 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 53.359 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY021643.D

Acq: 26 Mar 2025 12:56

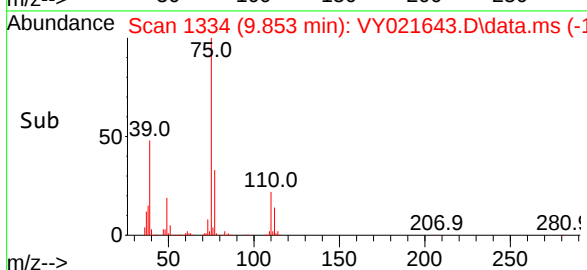
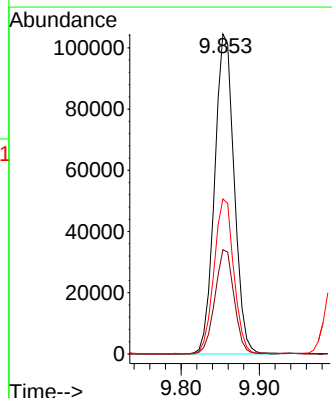
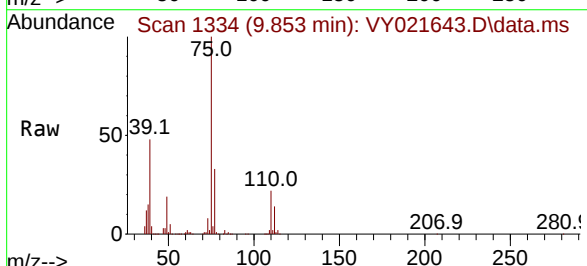
Tgt Ion: 75 Resp: 181468

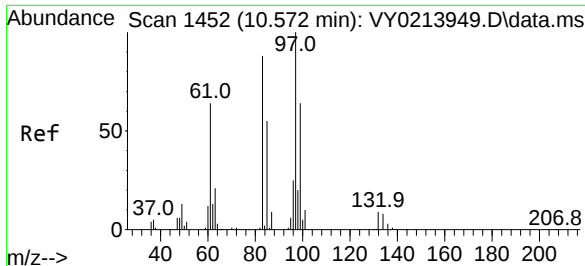
Ion Ratio Lower Upper

75 100

77 32.6 24.6 37.0

39 48.3 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 53.047 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021643.D

Acq: 26 Mar 2025 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 84954

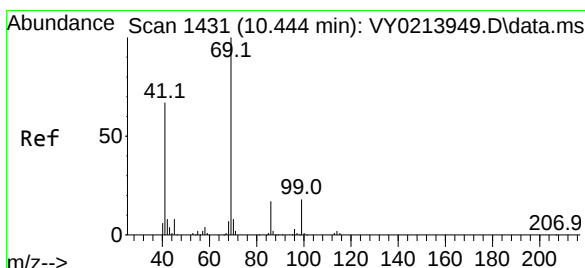
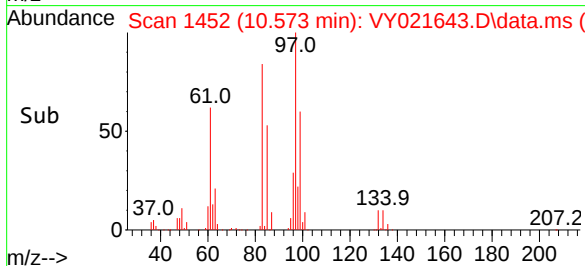
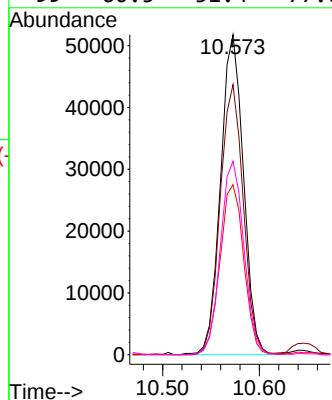
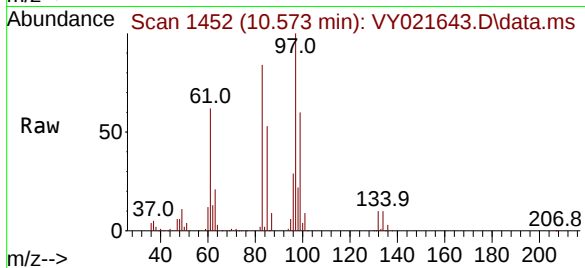
Ion Ratio Lower Upper

97 100

83 84.4 70.0 105.0

85 53.1 44.3 66.5

99 60.5 51.4 77.0



#56

Ethyl methacrylate

Concen: 54.018 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021643.D

Acq: 26 Mar 2025 12:56

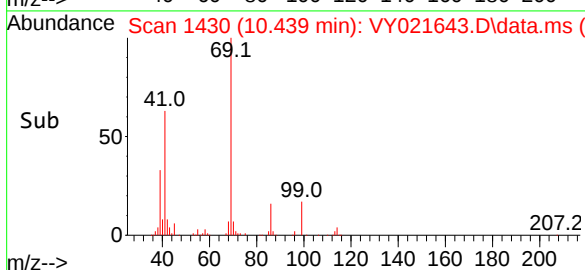
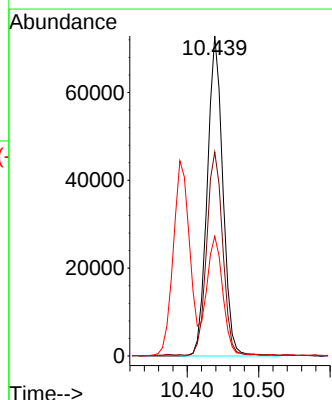
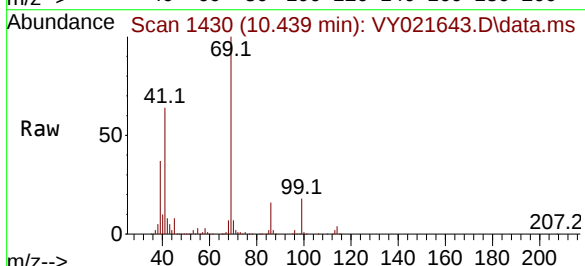
Tgt Ion: 69 Resp: 110330

Ion Ratio Lower Upper

69 100

41 64.8 53.3 79.9

39 38.8 31.0 46.6





#57

1,3-Dichloropropane

Concen: 52.439 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021643.D

Acq: 26 Mar 2025 12:56

Instrument :

MSVOA_Y

ClientSampleId :

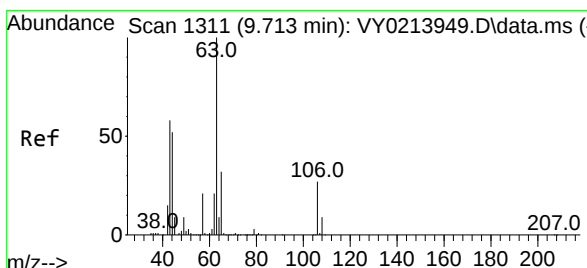
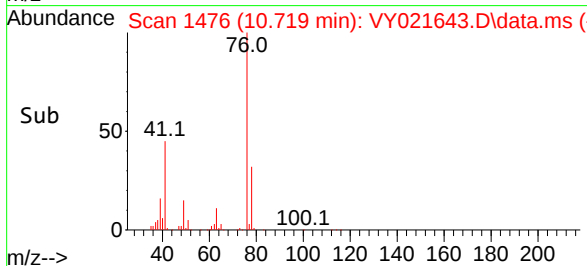
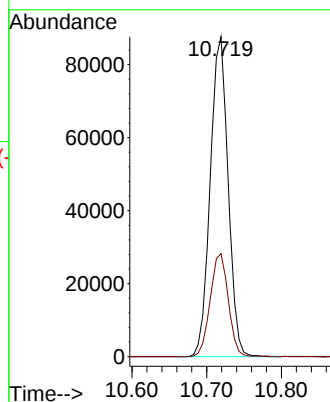
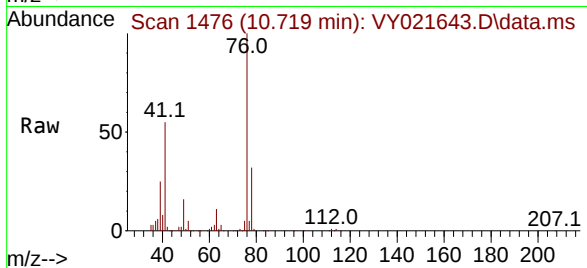
VSTDCCC050

Tgt Ion: 76 Resp: 145552

Ion Ratio Lower Upper

76 100

78 32.6 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 261.670 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021643.D

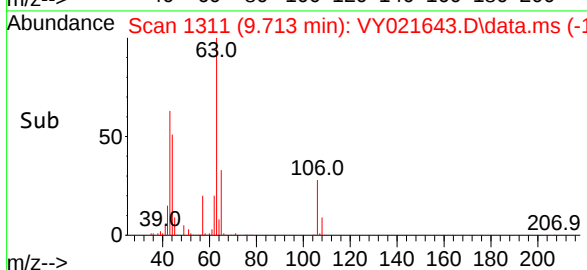
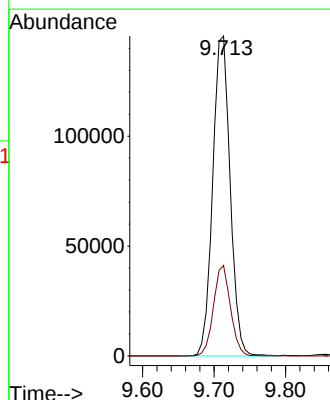
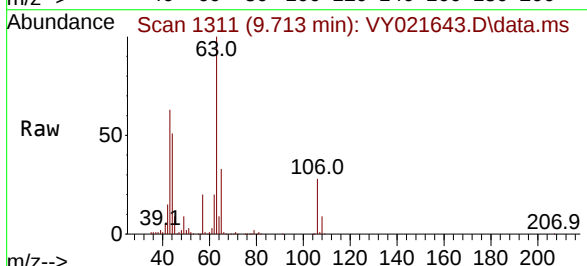
Acq: 26 Mar 2025 12:56

Tgt Ion: 63 Resp: 246714

Ion Ratio Lower Upper

63 100

106 27.6 22.1 33.1

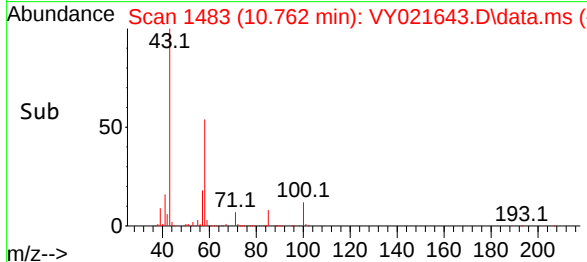
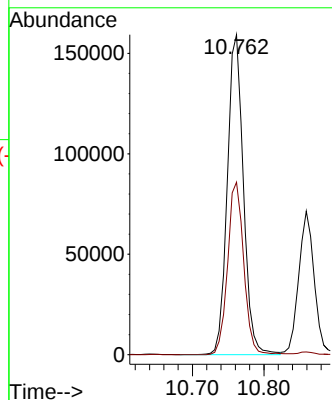
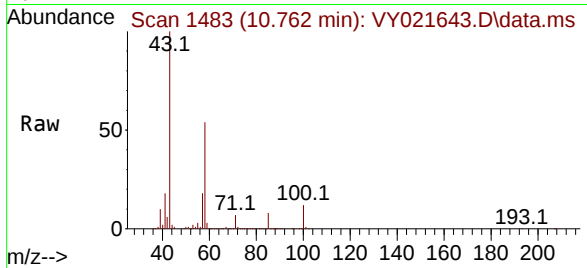




#59
2-Hexanone
Concen: 270.932 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

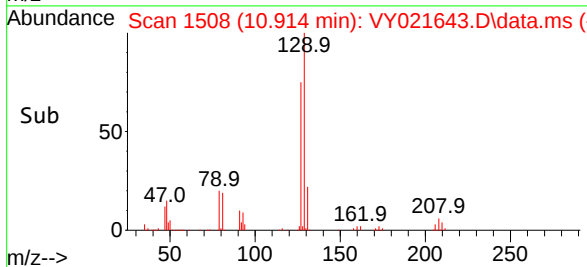
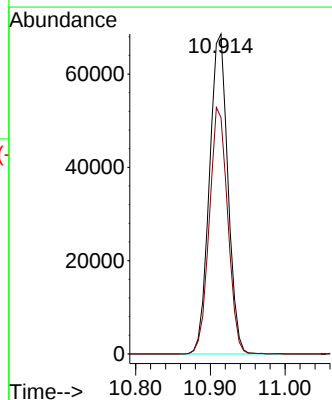
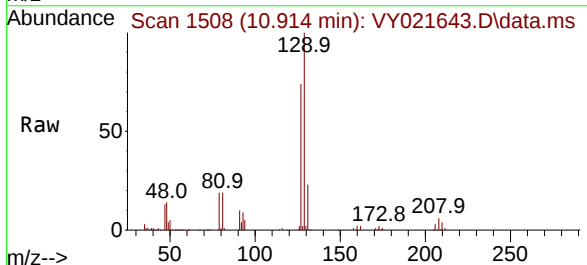
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

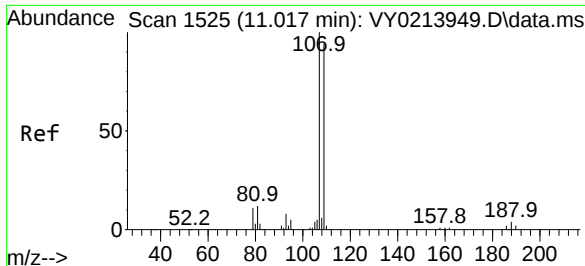
Tgt Ion: 43 Resp: 248903
Ion Ratio Lower Upper
43 100
58 54.1 27.3 81.8



#60
Dibromochloromethane
Concen: 53.491 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

Tgt Ion: 129 Resp: 117440
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.3

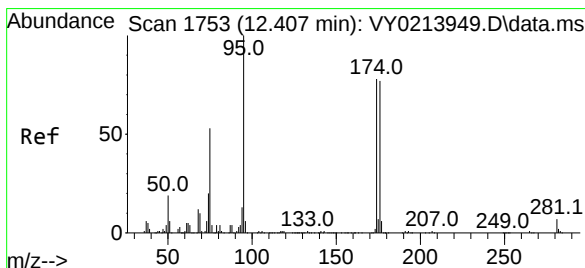
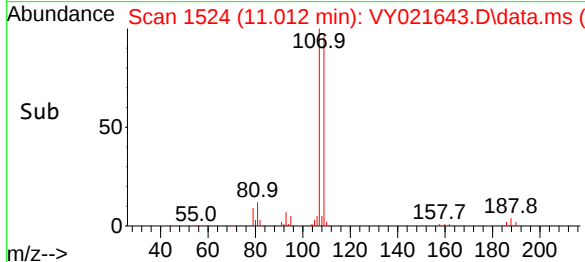
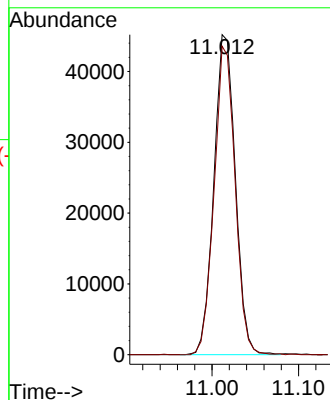
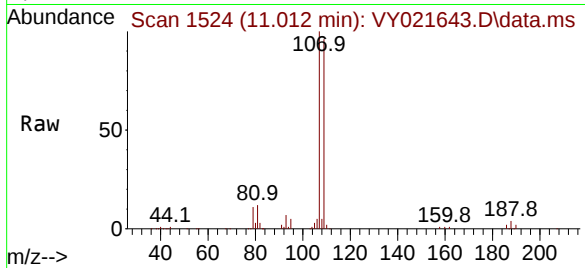




#61
 1,2-Dibromoethane
 Concen: 51.524 ug/l
 RT: 11.012 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY021643.D
 Acq: 26 Mar 2025 12:56

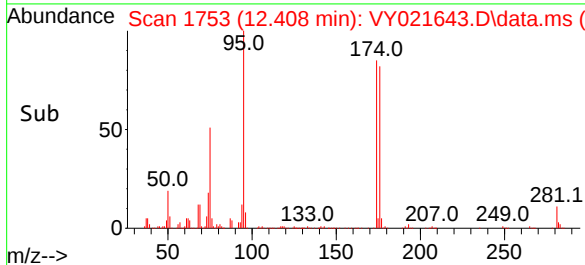
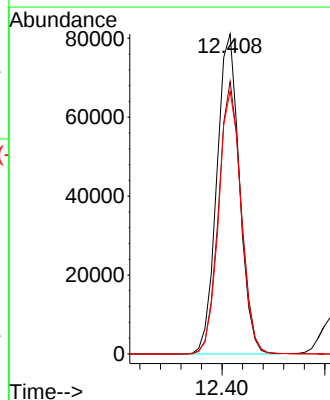
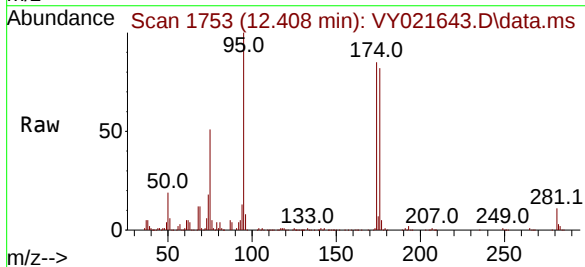
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

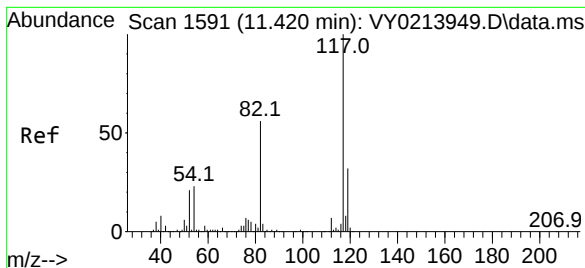
Tgt Ion:107 Resp: 77877
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 47.863 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. 0.000 min
 Lab File: VY021643.D
 Acq: 26 Mar 2025 12:56

Tgt Ion: 95 Resp: 123596
 Ion Ratio Lower Upper
 95 100
 174 84.7 0.0 165.0
 176 81.9 0.0 160.0

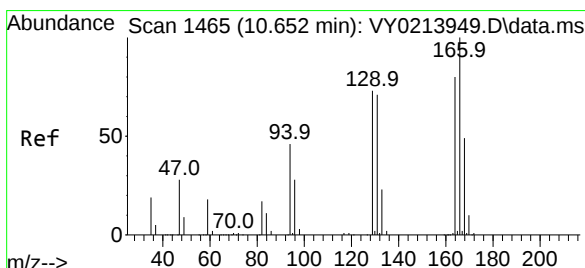
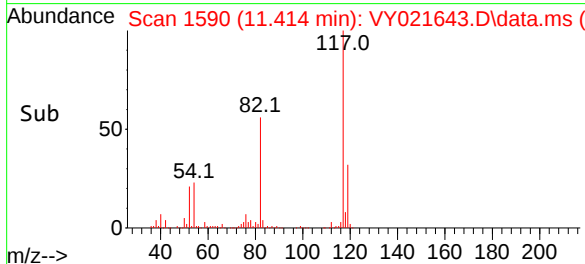
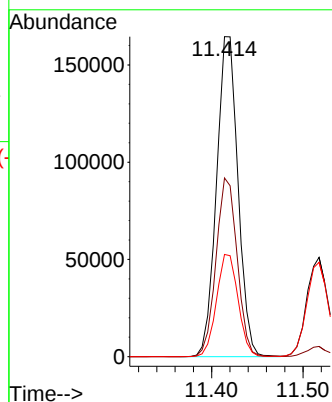
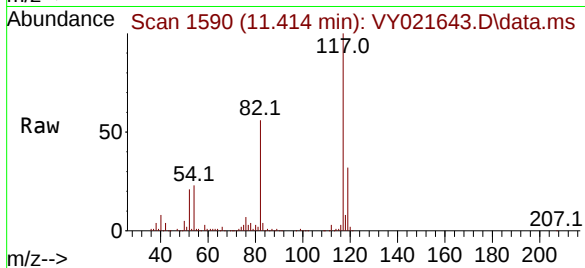




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

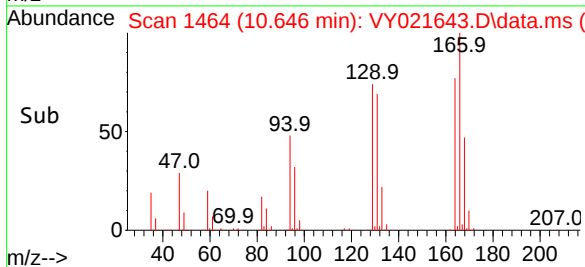
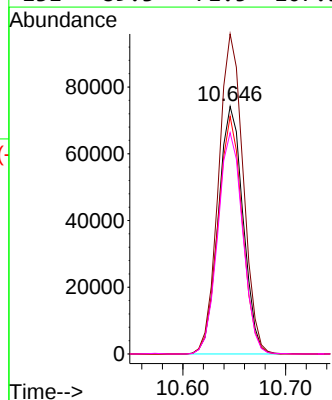
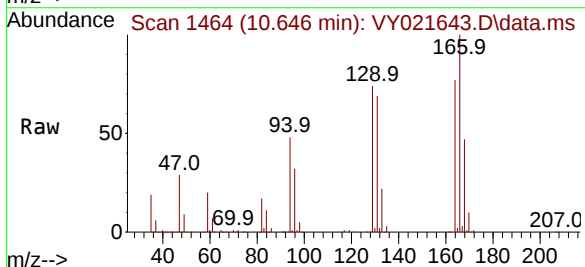
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

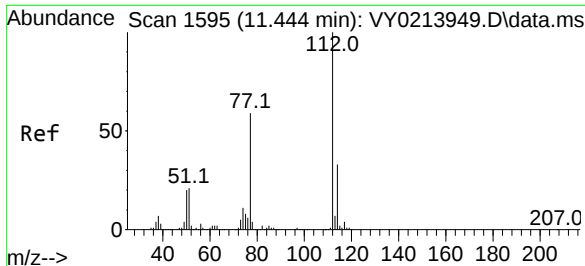
Tgt Ion:117 Resp: 268880
Ion Ratio Lower Upper
117 100
82 55.9 44.6 67.0
119 31.9 25.4 38.0



#64
Tetrachloroethene
Concen: 56.915 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

Tgt Ion:164 Resp: 124442
Ion Ratio Lower Upper
164 100
166 129.2 100.4 150.6
129 96.0 73.8 110.8
131 89.3 71.5 107.3

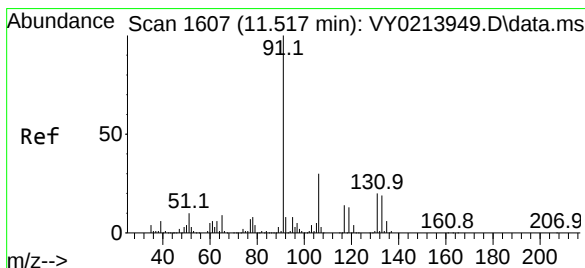
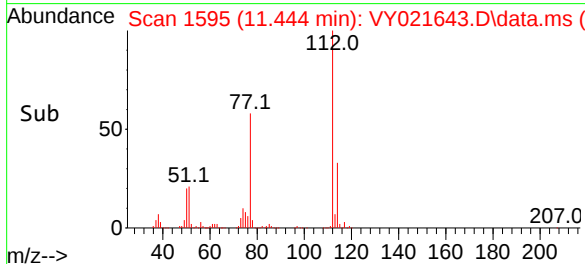
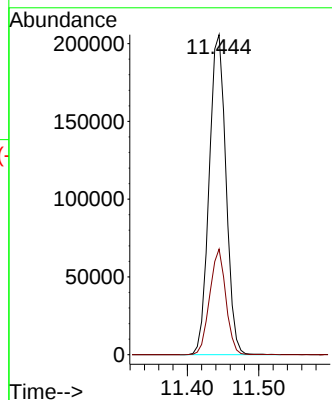
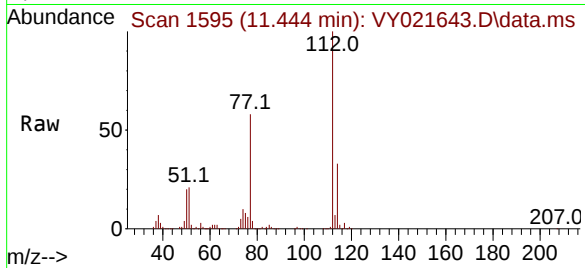




#65
Chlorobenzene
Concen: 52.851 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

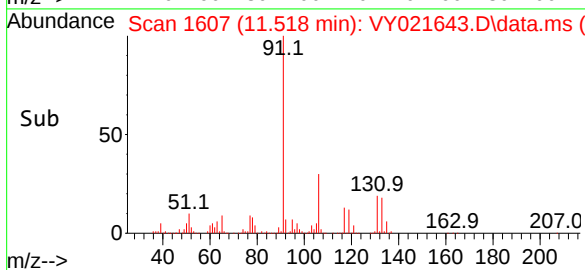
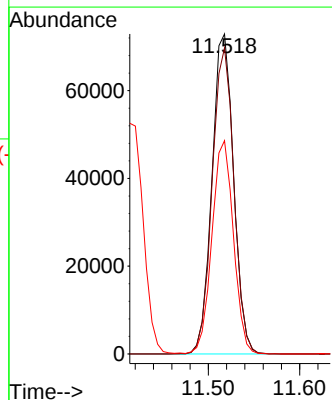
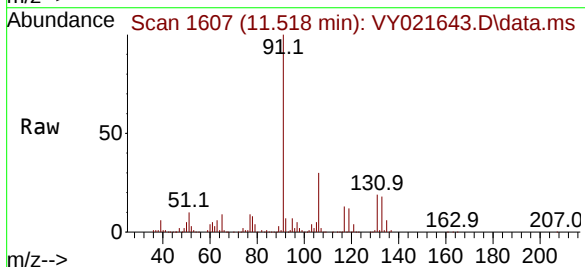
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

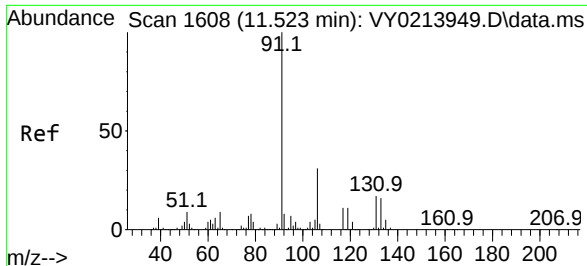
Tgt Ion:112 Resp: 335578
Ion Ratio Lower Upper
112 100
114 33.0 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 53.395 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

Tgt Ion:131 Resp: 119864
Ion Ratio Lower Upper
131 100
133 96.0 47.6 142.9
119 66.3 32.3 96.9





#67

Ethyl Benzene

Concen: 53.178 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY021643.D

Acq: 26 Mar 2025 12:56

Instrument :

MSVOA_Y

ClientSampleId :

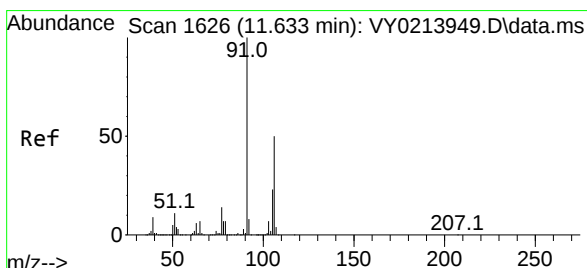
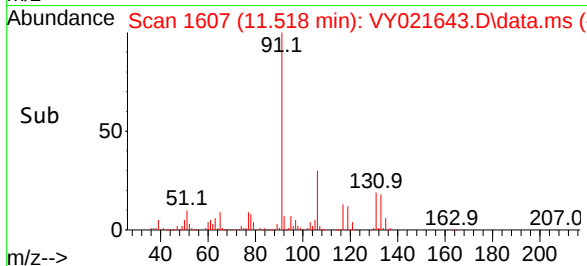
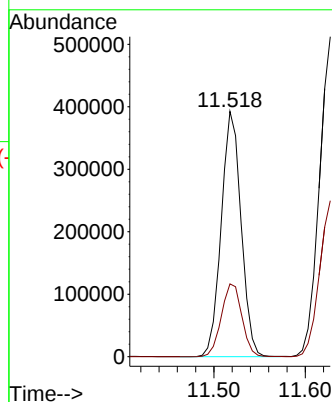
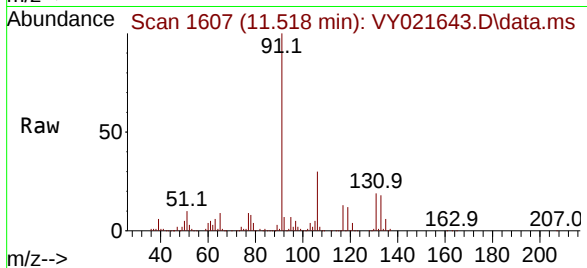
VSTDCCC050

Tgt Ion: 91 Resp: 592645

Ion Ratio Lower Upper

91 100

106 29.7 24.6 36.8



#68

m/p-Xylenes

Concen: 106.616 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021643.D

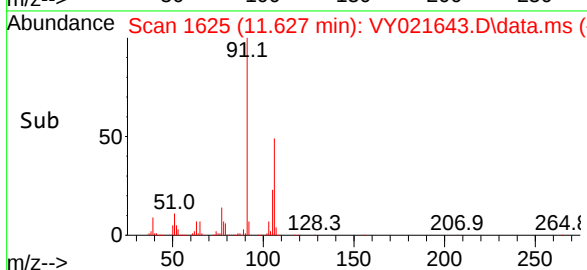
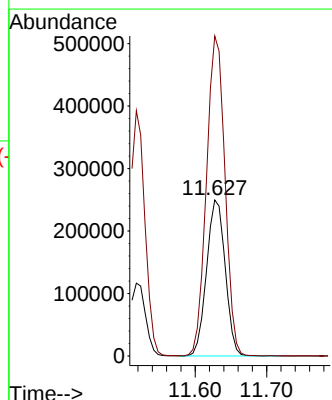
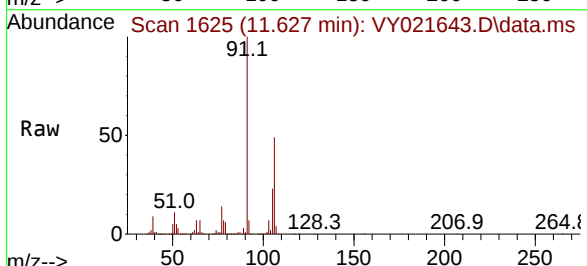
Acq: 26 Mar 2025 12:56

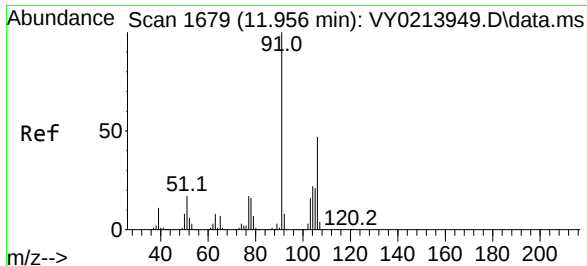
Tgt Ion:106 Resp: 451100

Ion Ratio Lower Upper

106 100

91 203.6 161.7 242.5





#69

o-Xylene

Concen: 54.424 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021643.D

Acq: 26 Mar 2025 12:56

Instrument :

MSVOA_Y

ClientSampleId :

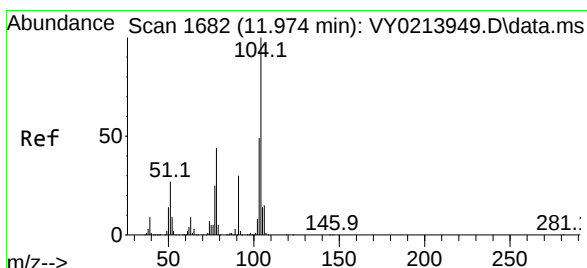
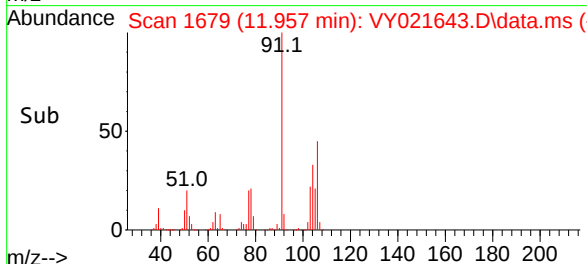
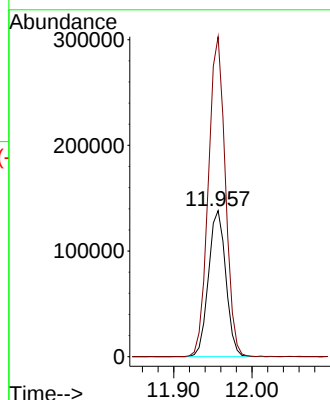
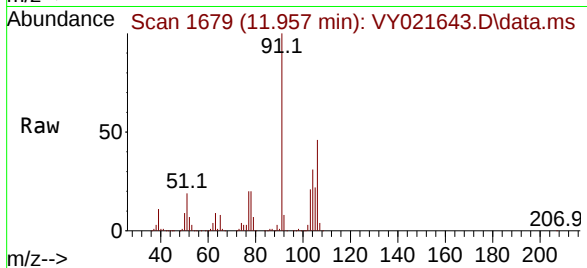
VSTDCCC050

Tgt Ion:106 Resp: 212228

Ion Ratio Lower Upper

106 100

91 214.7 107.6 322.8



#70

Styrene

Concen: 55.486 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY021643.D

Acq: 26 Mar 2025 12:56

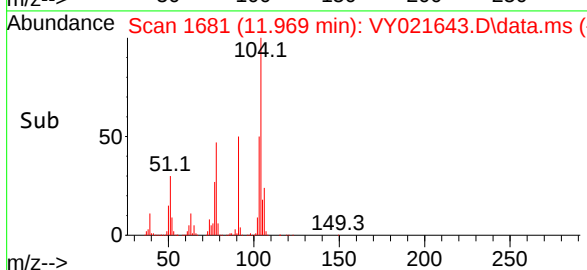
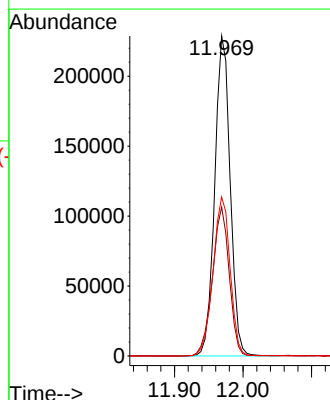
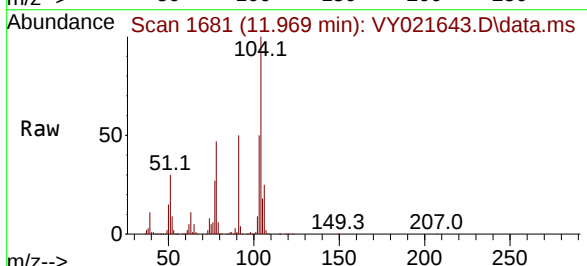
Tgt Ion:104 Resp: 358946

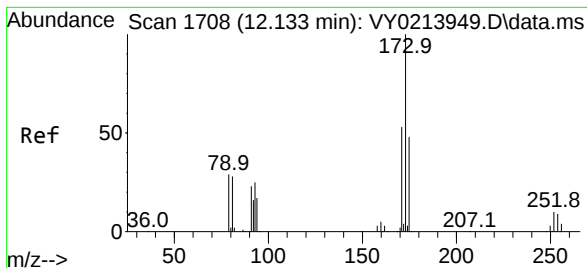
Ion Ratio Lower Upper

104 100

78 50.4 40.7 61.1

103 54.8 44.1 66.1





#71

Bromoform

Concen: 53.718 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021643.D

Acq: 26 Mar 2025 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

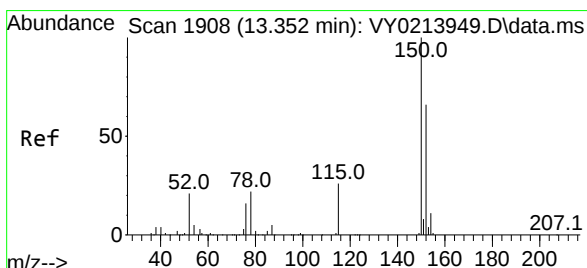
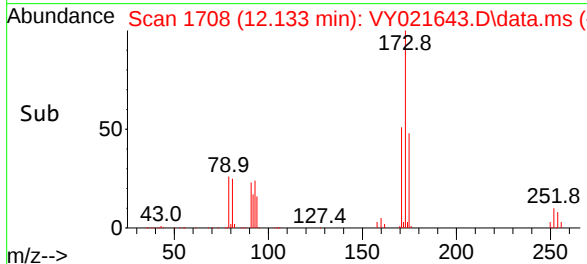
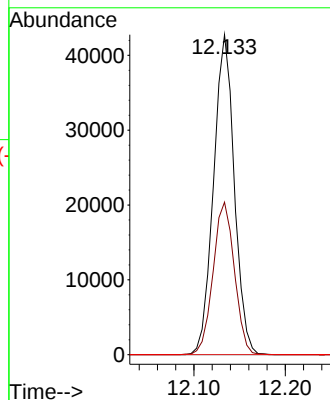
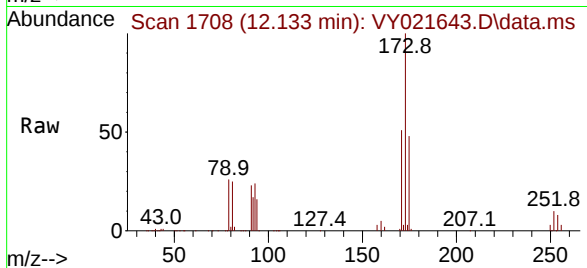
Tgt Ion:173 Resp: 67410

Ion Ratio Lower Upper

173 100

175 49.0 23.9 71.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021643.D

Acq: 26 Mar 2025 12:56

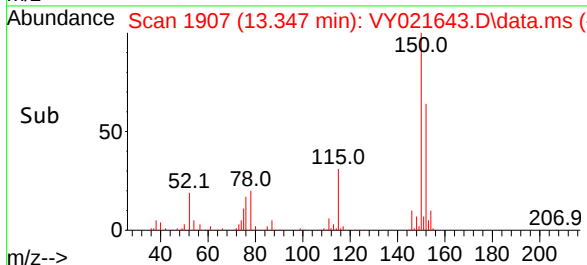
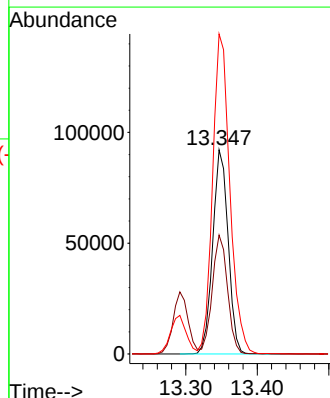
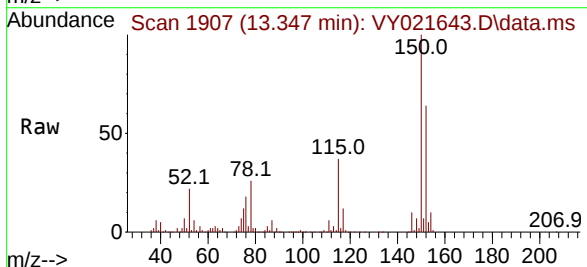
Tgt Ion:152 Resp: 137761

Ion Ratio Lower Upper

152 100

115 57.7 29.0 87.0

150 175.6 0.0 347.2

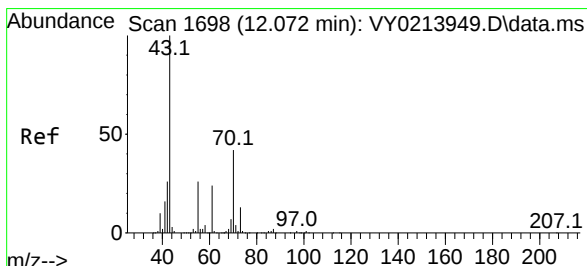
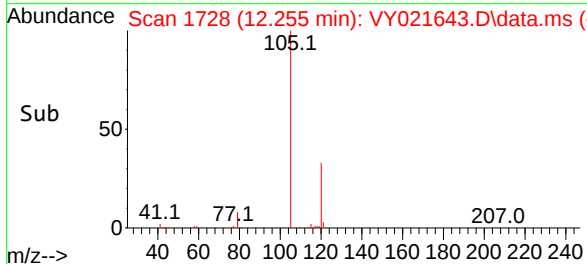
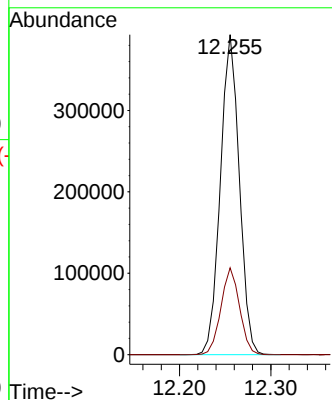
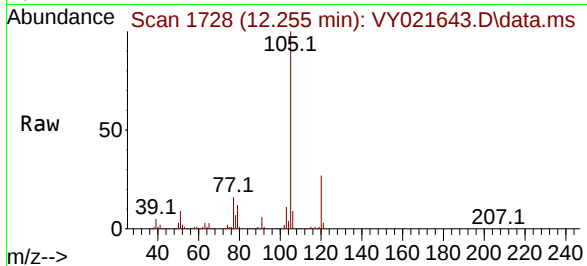




#73
Isopropylbenzene
Concen: 52.171 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

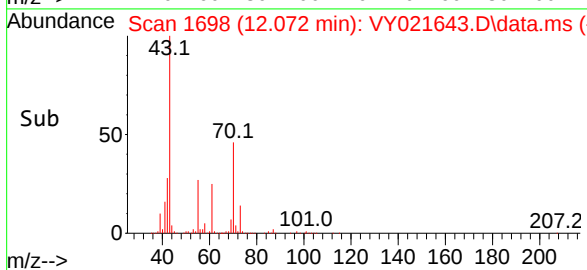
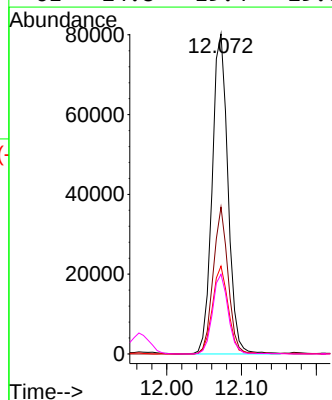
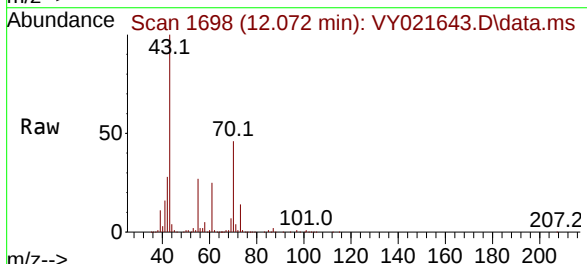
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

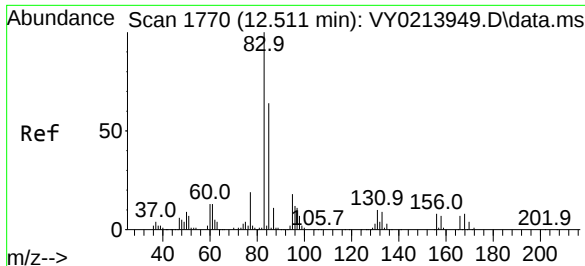
Tgt Ion:105 Resp: 566149
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.3



#74
N-ethyl acetate
Concen: 50.019 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

Tgt Ion: 43 Resp: 117882
Ion Ratio Lower Upper
43 100
70 43.4 34.6 51.8
55 27.5 21.1 31.7
61 24.8 19.4 29.0

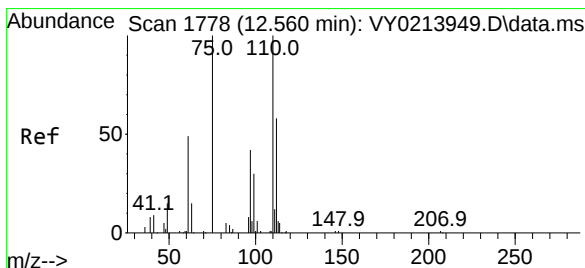
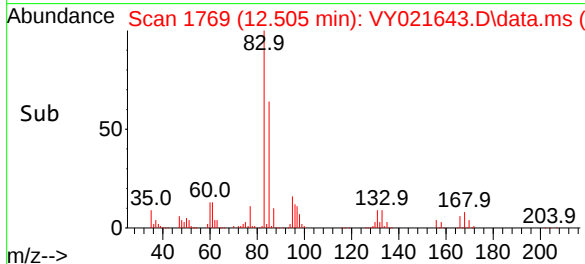
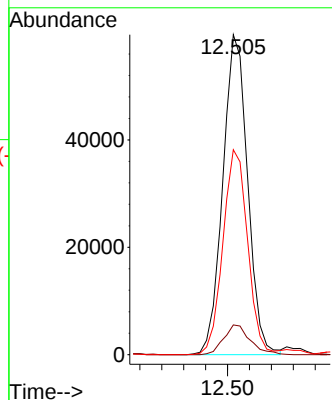
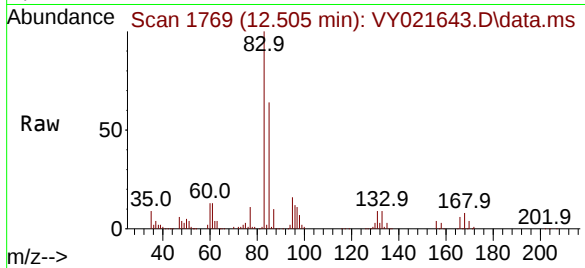




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.005 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021643.D
 Acq: 26 Mar 2025 12:56

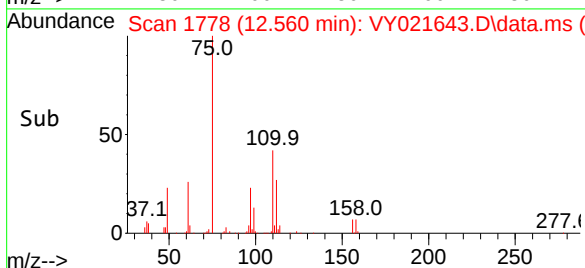
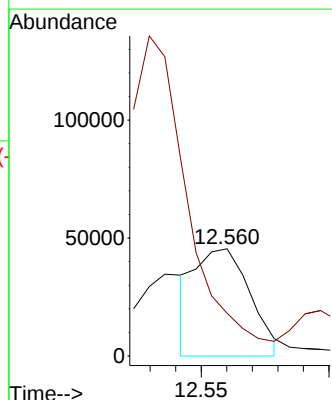
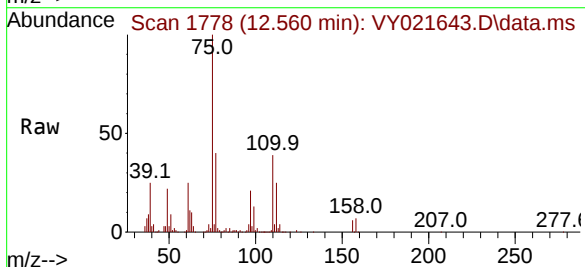
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

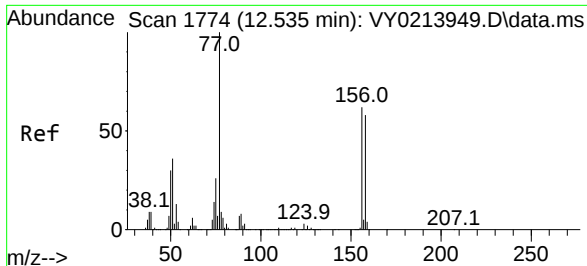
Tgt Ion: 83 Resp: 93843
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.3 16.1
 85 63.6 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 49.117 ug/l m
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.000 min
 Lab File: VY021643.D
 Acq: 26 Mar 2025 12:56

Tgt Ion: 75 Resp: 68184
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

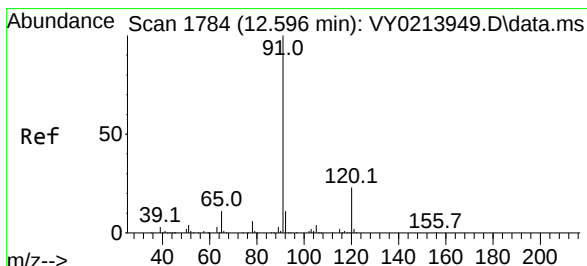
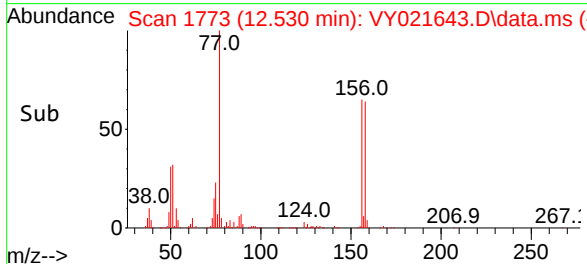
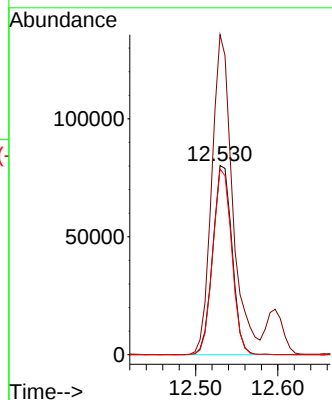
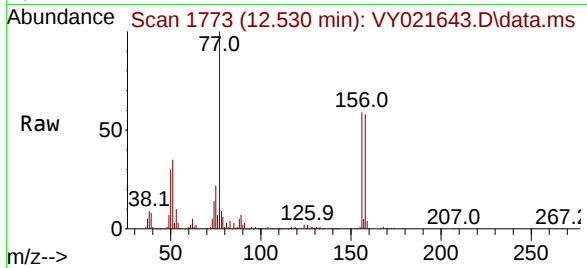




#77
Bromobenzene
Concen: 51.360 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

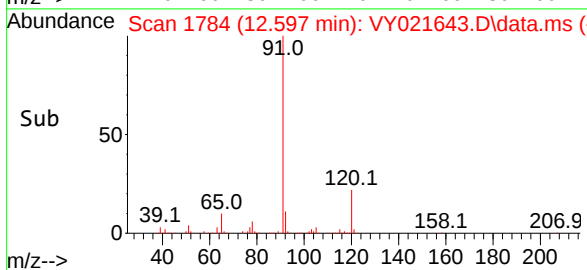
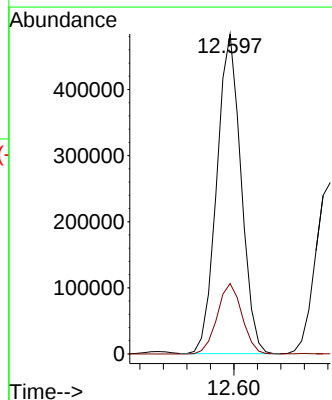
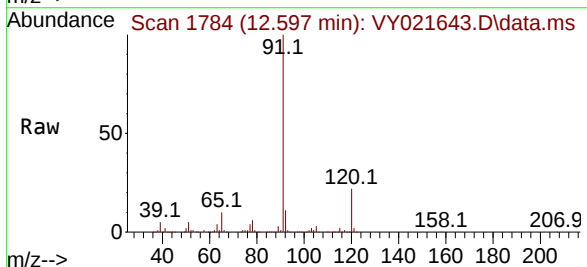
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

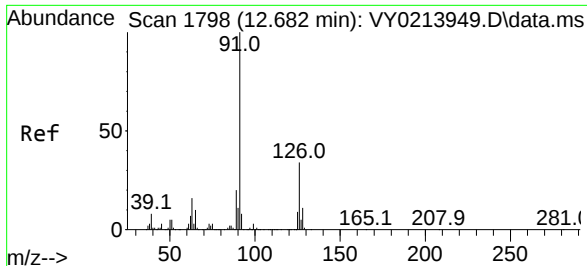
Tgt Ion:156 Resp: 130392
Ion Ratio Lower Upper
156 100
77 183.2 93.6 280.8
158 96.6 48.3 144.8



#78
n-propylbenzene
Concen: 52.568 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

Tgt Ion: 91 Resp: 692799
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8

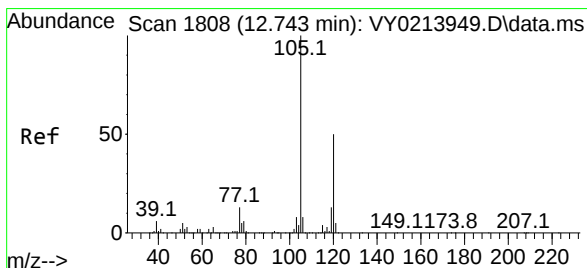
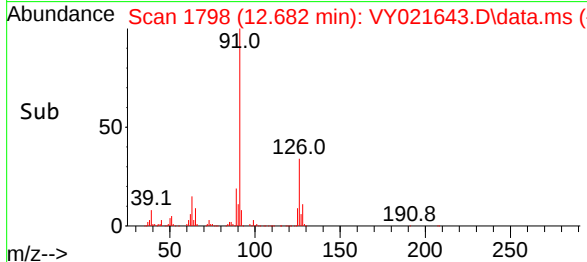
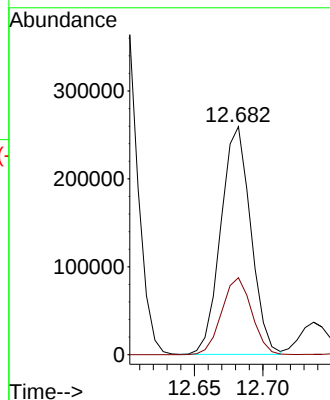
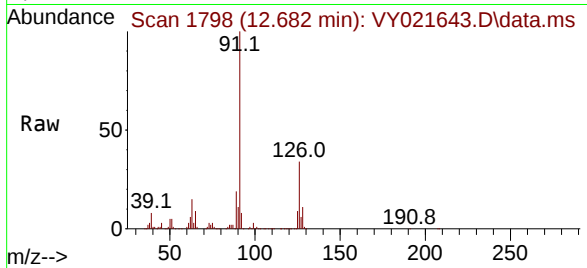




#79
2-Chlorotoluene
Concen: 52.366 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

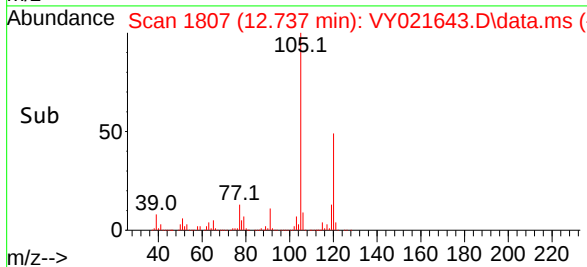
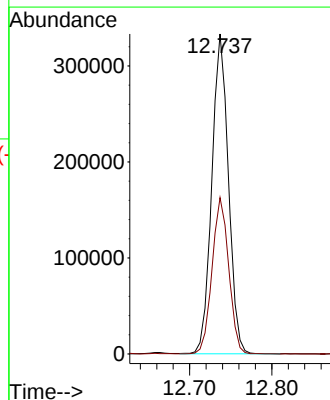
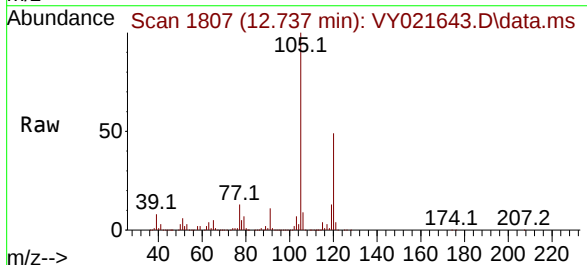
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

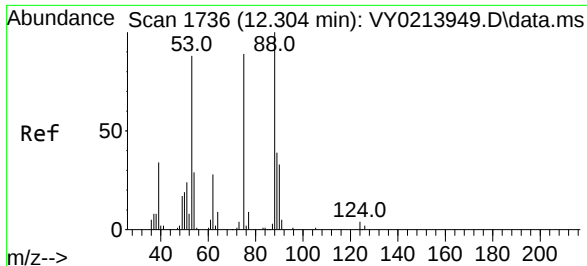
Tgt Ion: 91 Resp: 394620
Ion Ratio Lower Upper
91 100
126 33.8 17.2 51.6



#80
1,3,5-Trimethylbenzene
Concen: 52.875 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

Tgt Ion: 105 Resp: 466297
Ion Ratio Lower Upper
105 100
120 49.2 24.6 73.6

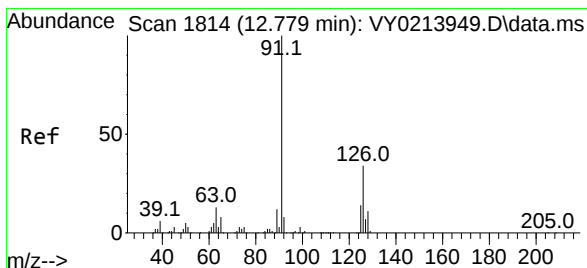
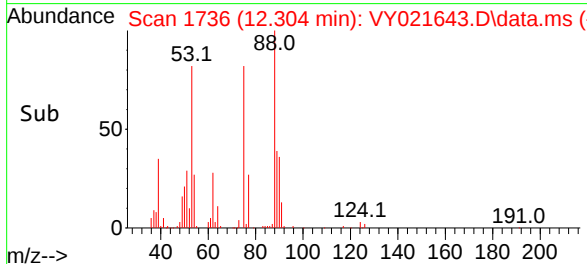
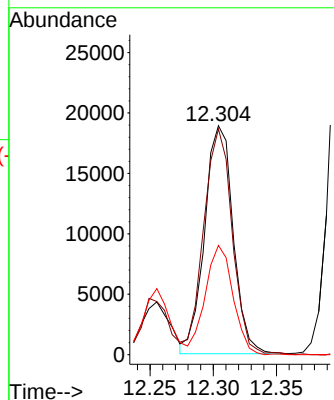
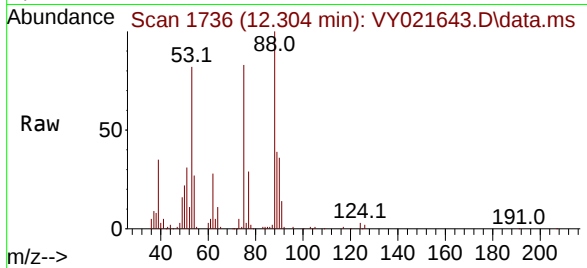




#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.530 ug/l
 RT: 12.304 min Scan# 1736
 Delta R.T. 0.000 min
 Lab File: VY021643.D
 Acq: 26 Mar 2025 12:56

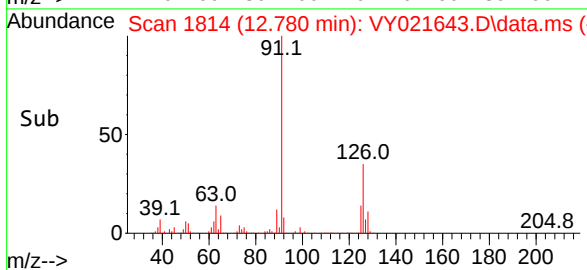
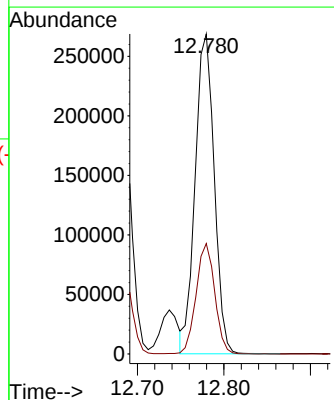
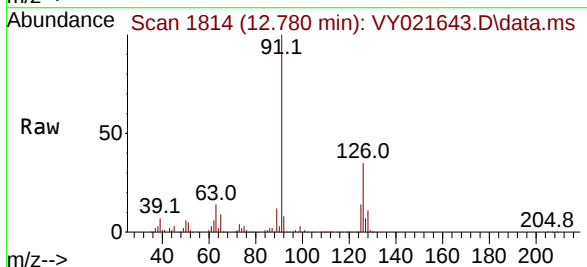
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

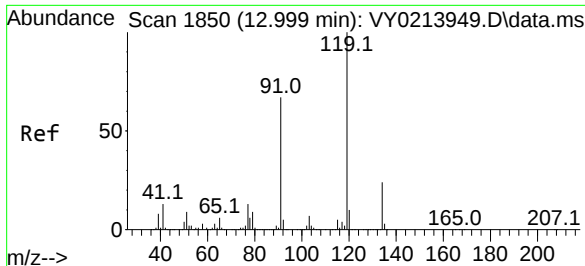
Tgt Ion: 75 Resp: 29635
 Ion Ratio Lower Upper
 75 100
 53 99.2 81.0 121.4
 89 46.4 36.9 55.3



#82
 4-Chlorotoluene
 Concen: 52.581 ug/l
 RT: 12.780 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: VY021643.D
 Acq: 26 Mar 2025 12:56

Tgt Ion: 91 Resp: 410312
 Ion Ratio Lower Upper
 91 100
 126 33.9 17.0 51.0

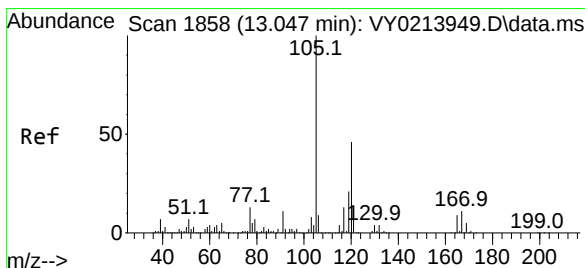
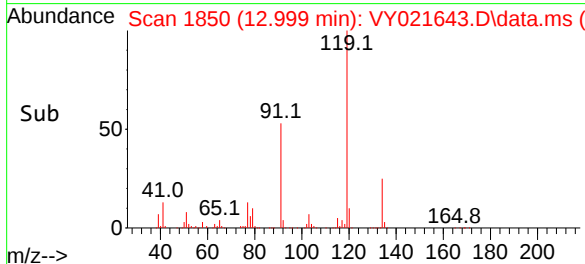
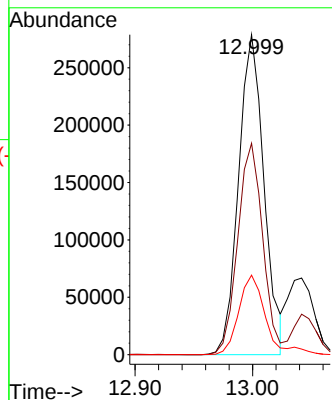
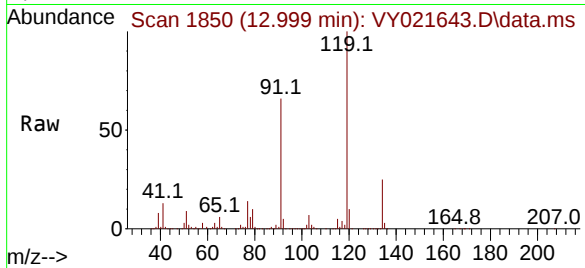




#83
 tert-Butylbenzene
 Concen: 53.381 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021643.D
 Acq: 26 Mar 2025 12:56

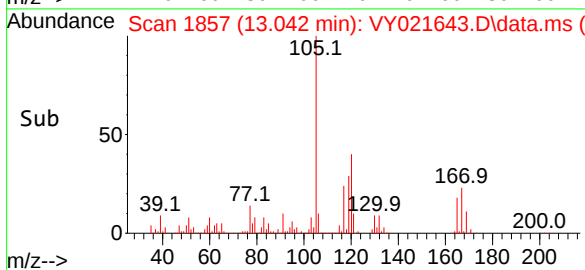
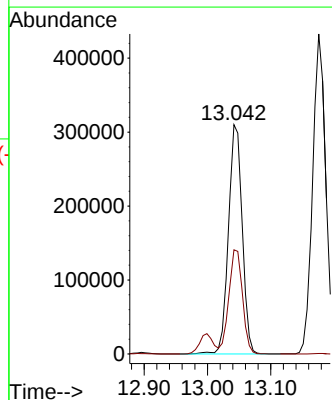
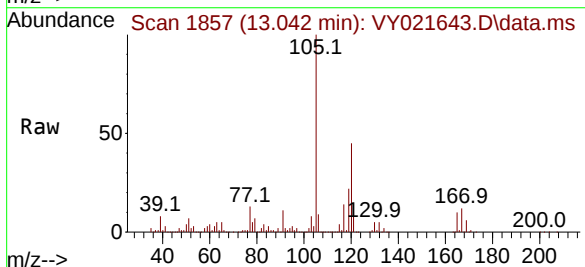
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

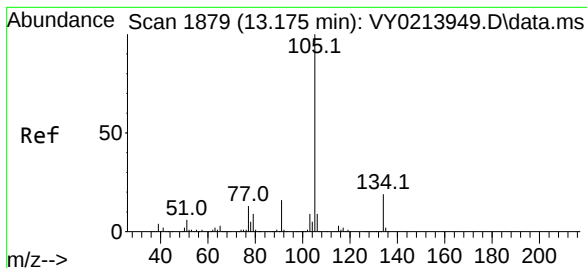
Tgt Ion:	119	Resp:	419959
Ion	Ratio	Lower	Upper
119	100		
91	64.7	33.2	99.6
134	26.3	13.5	40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 53.475 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021643.D
 Acq: 26 Mar 2025 12:56

Tgt Ion:	105	Resp:	468226
Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.7	68.1





#85

sec-Butylbenzene

Concen: 53.104 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021643.D

Acq: 26 Mar 2025 12:56

Instrument :

MSVOA_Y

ClientSampleId :

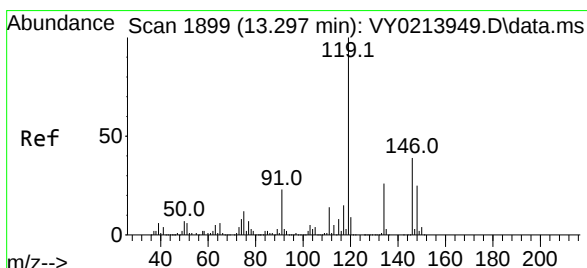
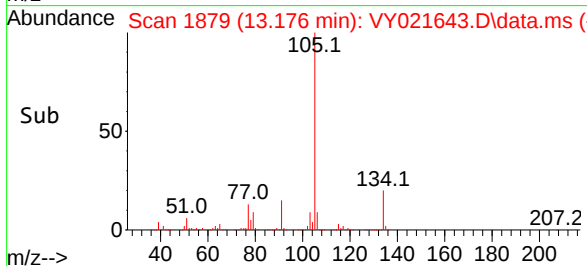
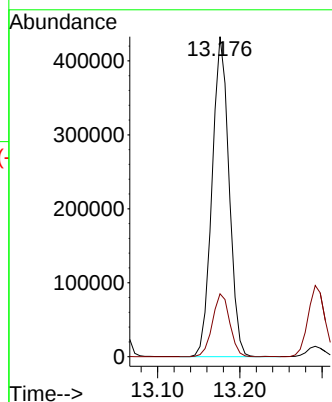
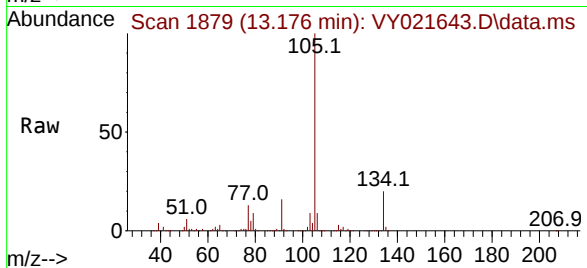
VSTDCCC050

Tgt Ion:105 Resp: 621602

Ion Ratio Lower Upper

105 100

134 20.0 9.9 29.7



#86

p-Isopropyltoluene

Concen: 53.419 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY021643.D

Acq: 26 Mar 2025 12:56

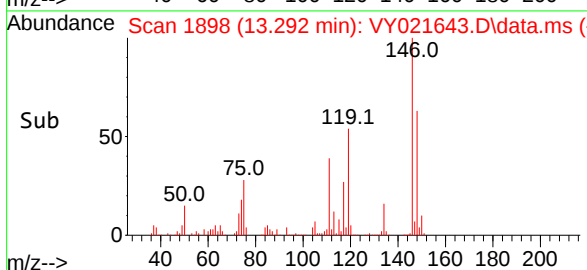
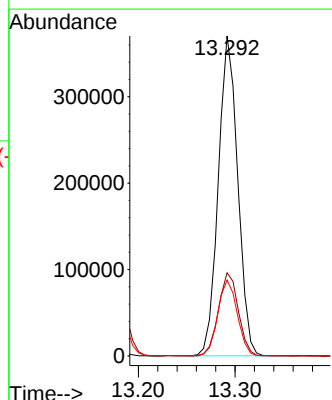
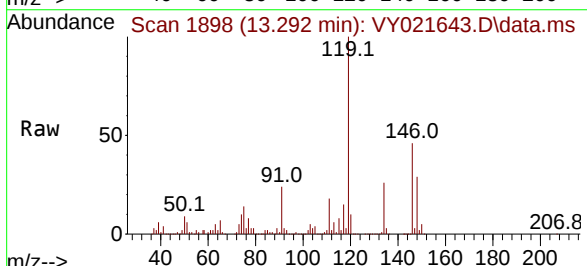
Tgt Ion:119 Resp: 515136

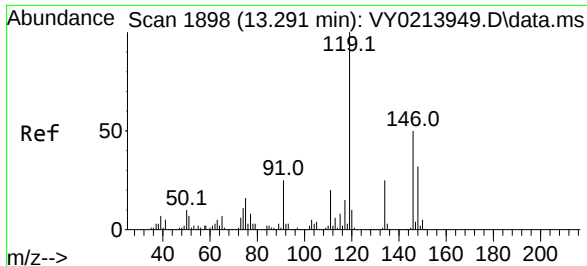
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.1

91 24.2 12.2 36.6

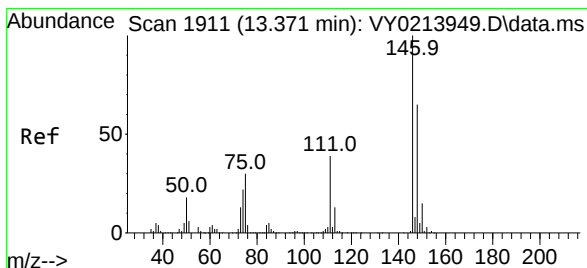
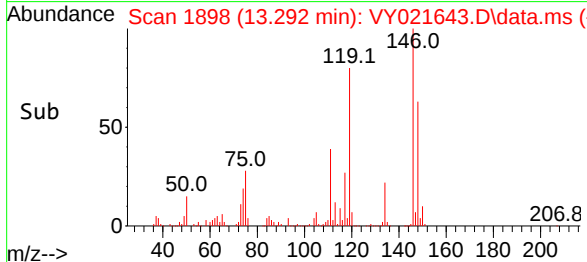
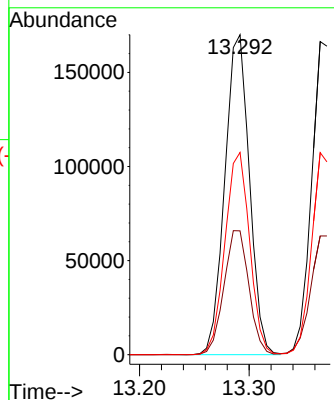
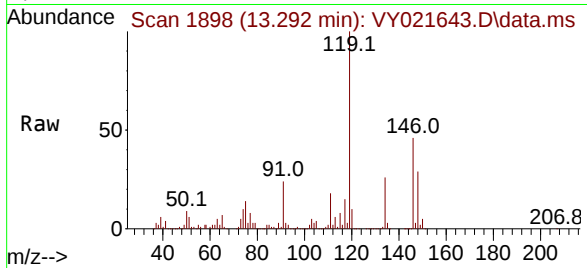




#87
 1,3-Dichlorobenzene
 Concen: 52.456 ug/l
 RT: 13.292 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY021643.D
 Acq: 26 Mar 2025 12:56

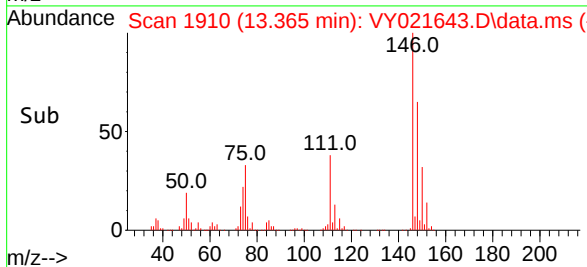
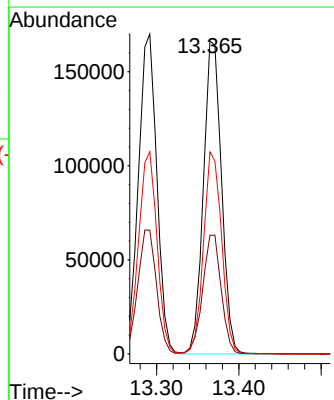
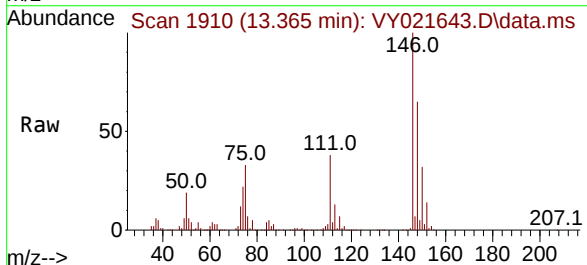
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

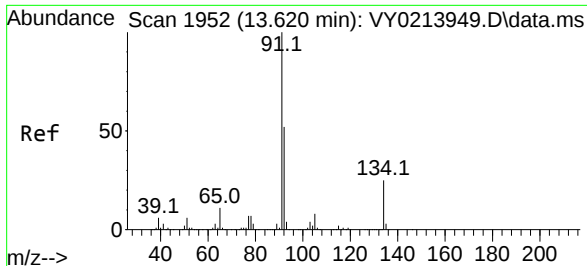
Tgt Ion:146 Resp: 265092
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.0 60.0
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 51.638 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY021643.D
 Acq: 26 Mar 2025 12:56

Tgt Ion:146 Resp: 255211
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.6 58.8
 148 64.6 32.3 96.8

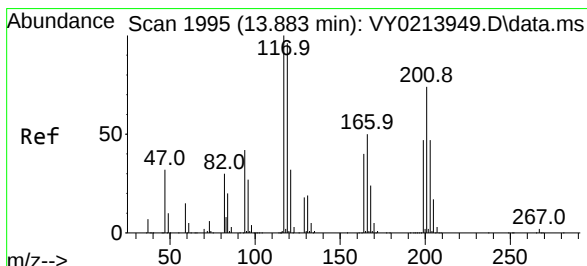
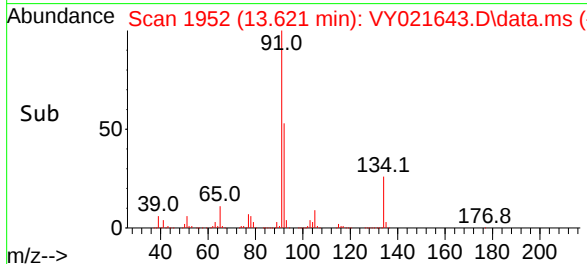
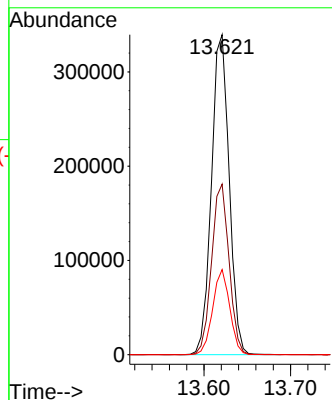
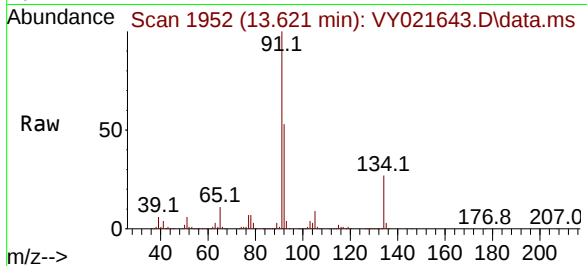




#89
n-Butylbenzene
Concen: 54.153 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

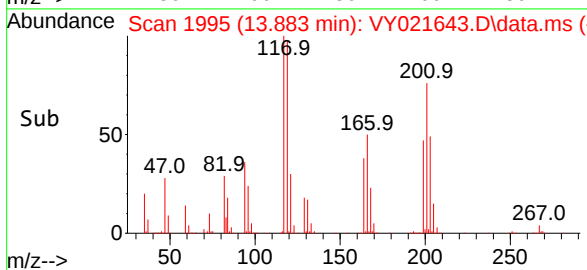
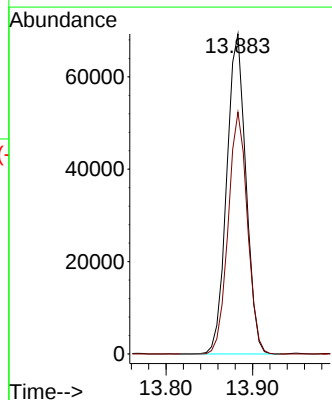
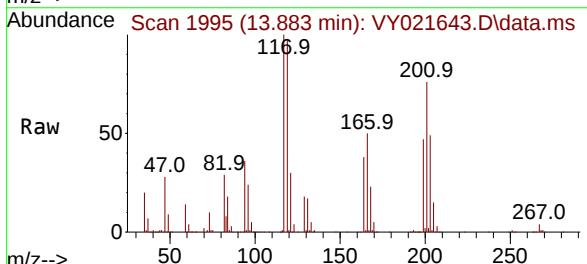
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

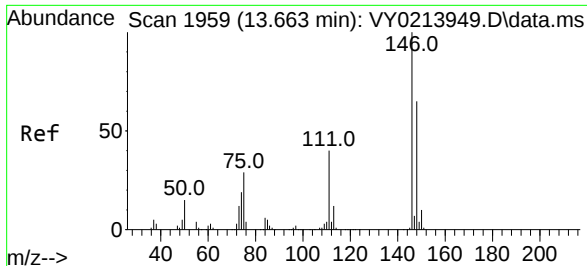
Tgt Ion: 91 Resp: 482214
Ion Ratio Lower Upper
91 100
92 52.7 26.1 78.3
134 25.6 12.6 37.8



#90
Hexachloroethane
Concen: 51.933 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

Tgt Ion: 117 Resp: 106838
Ion Ratio Lower Upper
117 100
201 75.5 37.4 112.2

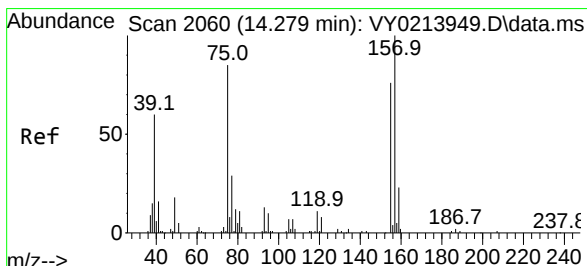
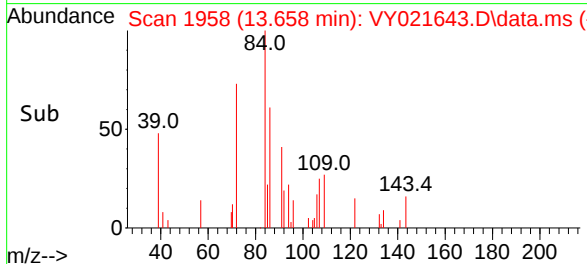
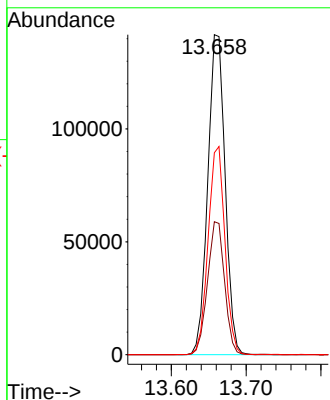
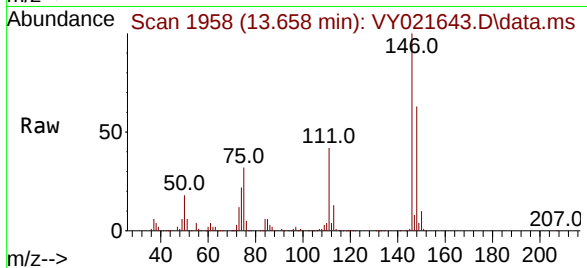




#91
 1,2-Dichlorobenzene
 Concen: 52.824 ug/l
 RT: 13.658 min Scan# 1958
 Delta R.T. -0.006 min
 Lab File: VY021643.D
 Acq: 26 Mar 2025 12:56

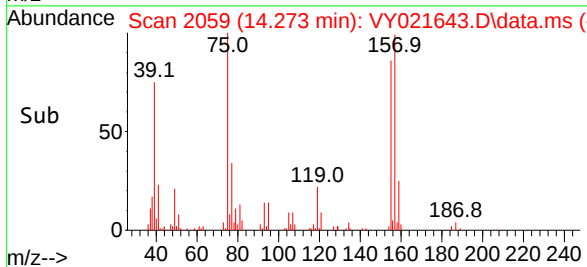
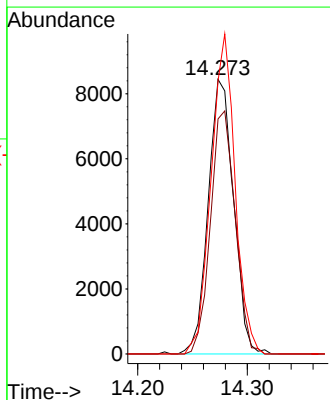
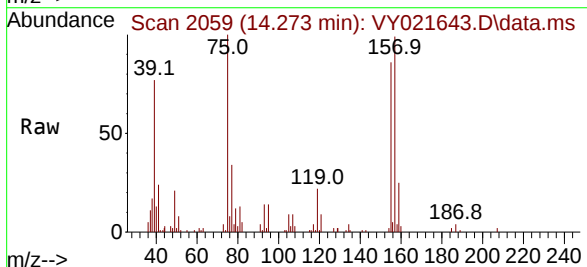
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 ClientSampleId :
 VSTDCCC050

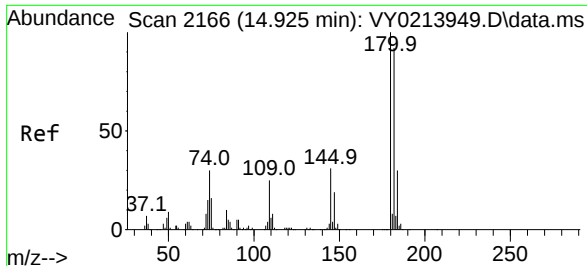
Tgt Ion:146 Resp: 228800
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.7 62.1
 148 63.0 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.512 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.006 min
 Lab File: VY021643.D
 Acq: 26 Mar 2025 12:56

Tgt Ion: 75 Resp: 13629
 Ion Ratio Lower Upper
 75 100
 155 86.1 43.5 130.5
 157 110.0 54.4 163.2

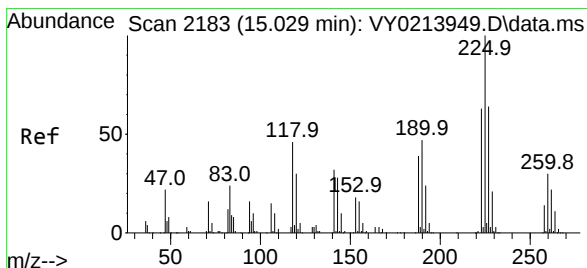
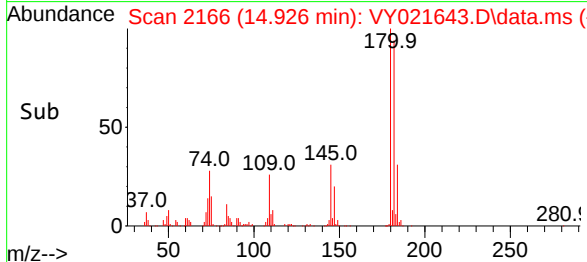
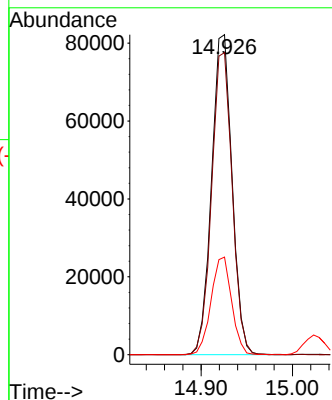
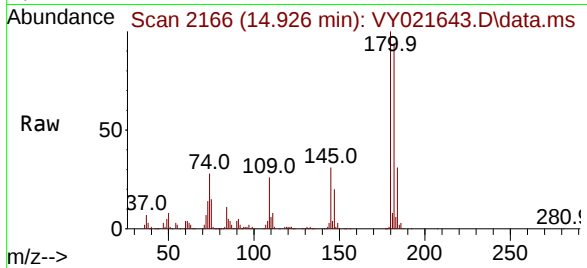




#93
 1,2,4-Trichlorobenzene
 Concen: 54.006 ug/l
 RT: 14.926 min Scan# 2166
 Delta R.T. 0.000 min
 Lab File: VY021643.D
 Acq: 26 Mar 2025 12:56

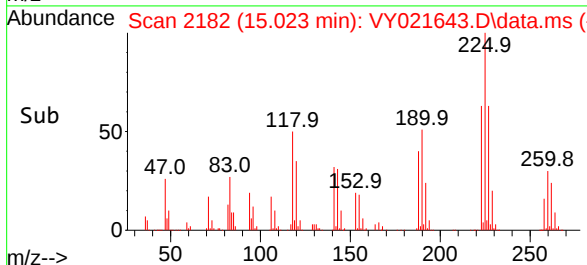
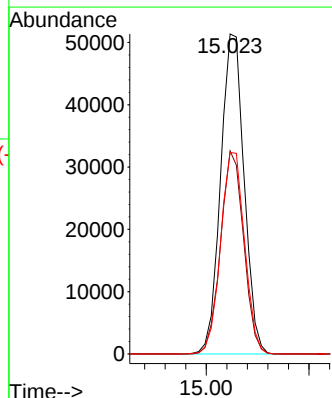
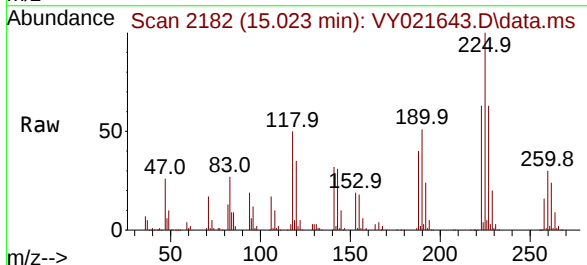
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

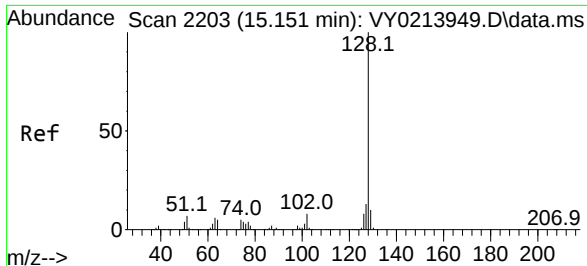
Tgt Ion:180 Resp: 127767
 Ion Ratio Lower Upper
 180 100
 182 94.8 46.7 140.0
 145 30.7 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 54.931 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.006 min
 Lab File: VY021643.D
 Acq: 26 Mar 2025 12:56

Tgt Ion:225 Resp: 81462
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.4 94.2
 227 64.1 31.8 95.4



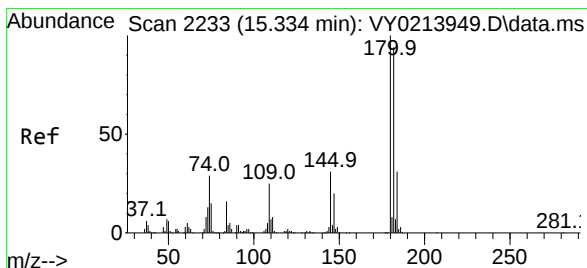
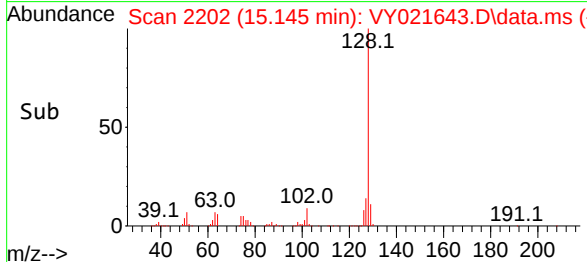
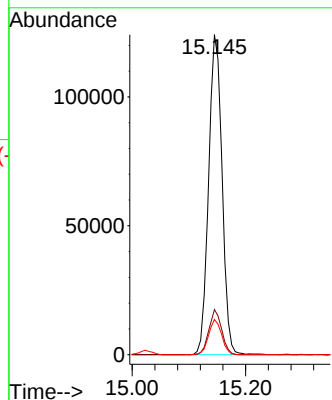
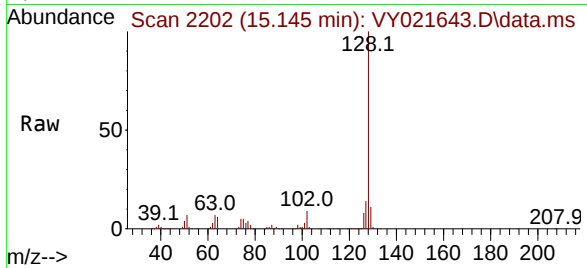


#95
Naphthalene
Concen: 50.920 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 204084

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	10.7	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.562 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021643.D
Acq: 26 Mar 2025 12:56

Tgt Ion:180 Resp: 106575

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.2	141.6
145	32.7	16.4	49.1

