

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070125\
 Data File : VY022891.D
 Acq On : 01 Jul 2025 10:32
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: Jul 02 02:41:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	433923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	723740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	623953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	315665	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	242716	50.117	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.240%	
35) Dibromofluoromethane	7.634	113	228987	52.026	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.060%	
50) Toluene-d8	10.103	98	909677	52.084	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.160%	
62) 4-Bromofluorobenzene	12.401	95	297945	53.066	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.140%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	188731	50.864	ug/l	95
3) Chloromethane	2.068	50	424443	59.905	ug/l	100
4) Vinyl Chloride	2.208	62	475845	53.756	ug/l	100
5) Bromomethane	2.598	94	375326	53.934	ug/l	99
6) Chloroethane	2.738	64	329699	55.410	ug/l	98
7) Trichlorofluoromethane	3.055	101	503992	51.420	ug/l	99
8) Diethyl Ether	3.458	74	133207	55.025	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	243661	54.398	ug/l	97
10) Methyl Iodide	4.007	142	268256	55.006	ug/l	99
11) Tert butyl alcohol	4.878	59	78565	243.971	ug/l #	73
12) 1,1-Dichloroethene	3.793	96	239544	54.539	ug/l	97
13) Acrolein	3.659	56	59342	135.897	ug/l	97
14) Allyl chloride	4.385	41	388175	57.459	ug/l	94
15) Acrylonitrile	5.061	53	273022	270.308	ug/l	99
16) Acetone	3.879	43	269518	294.437	ug/l	96
17) Carbon Disulfide	4.110	76	761834	53.692	ug/l	99
18) Methyl Acetate	4.391	43	139969	46.173	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	656704	54.912	ug/l	100
20) Methylene Chloride	4.616	84	295695	51.151	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	271108	54.009	ug/l	100
22) Diisopropyl ether	6.018	45	864680	57.634	ug/l	98
23) Vinyl Acetate	5.964	43	2418826	291.920	ug/l	99
24) 1,1-Dichloroethane	5.921	63	508724	56.137	ug/l	99
25) 2-Butanone	6.902	43	372472	279.582	ug/l	100
26) 2,2-Dichloropropane	6.884	77	445879	58.696	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	323021	55.379	ug/l	99
28) Bromochloromethane	7.244	49	194998	51.183	ug/l	95
29) Tetrahydrofuran	7.268	42	227624	270.581	ug/l	99
30) Chloroform	7.421	83	507044	54.324	ug/l	96
31) Cyclohexane	7.701	56	449838	54.077	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	446987	55.417	ug/l	99
36) 1,1-Dichloropropene	7.835	75	373288	55.953	ug/l	99
37) Ethyl Acetate	6.988	43	156501	54.362	ug/l	98
38) Carbon Tetrachloride	7.823	117	394298	56.013	ug/l	97
39) Methylcyclohexane	9.109	83	495931	57.442	ug/l	99
40) Benzene	8.079	78	1149332	56.033	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	77554	43.759	ug/l	89
42) 1,2-Dichloroethane	8.158	62	307948	54.787	ug/l	99
43) Isopropyl Acetate	8.201	43	334915	55.974	ug/l	97
44) Trichloroethene	8.865	130	278239	54.028	ug/l	97
45) 1,2-Dichloropropane	9.140	63	270780	56.405	ug/l	98
46) Dibromomethane	9.231	93	145493	53.388	ug/l	96
47) Bromodichloromethane	9.426	83	392078	55.793	ug/l	97
48) Methyl methacrylate	9.219	41	155937	54.212	ug/l	95
49) 1,4-Dioxane	9.237	88	31890	990.459	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	852601	280.406	ug/l	96
52) Toluene	10.170	92	732726	56.623	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	365810	57.856	ug/l	95
54) cis-1,3-Dichloropropene	9.853	75	420354	57.337	ug/l	96
55) 1,1,2-Trichloroethane	10.572	97	191290	54.208	ug/l	98
56) Ethyl methacrylate	10.438	69	274119	57.738	ug/l	97
57) 1,3-Dichloropropane	10.719	76	340574	55.317	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	644190	257.649	ug/l	99
59) 2-Hexanone	10.761	43	590302	285.553	ug/l	97
60) Dibromochloromethane	10.908	129	250286	54.910	ug/l	100
61) 1,2-Dibromoethane	11.011	107	177577	53.775	ug/l	97
64) Tetrachloroethene	10.646	164	297003	50.387	ug/l	97
65) Chlorobenzene	11.438	112	777415	56.703	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	260226	56.038	ug/l	99
67) Ethyl Benzene	11.517	91	1415552	58.764	ug/l	98
68) m/p-Xylenes	11.627	106	1094333	117.521	ug/l	100
69) o-Xylene	11.950	106	513781	58.557	ug/l	100
70) Styrene	11.969	104	863151	58.730	ug/l	99
71) Bromoform	12.133	173	140762	54.439	ug/l #	98
73) Isopropylbenzene	12.249	105	1342670	57.513	ug/l	99
74) N-amyl acetate	12.066	43	310947	59.339	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	212401	56.452	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	296746	92.081	ug/l #	100
77) Bromobenzene	12.529	156	290824	54.959	ug/l	99
78) n-propylbenzene	12.590	91	1648681	58.492	ug/l	99
79) 2-Chlorotoluene	12.676	91	909020	57.082	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1100453	58.392	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	72325	56.699	ug/l	98
82) 4-Chlorotoluene	12.773	91	946044	56.557	ug/l	100
83) tert-Butylbenzene	12.993	119	973249	58.557	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1100862	58.344	ug/l	99
85) sec-Butylbenzene	13.170	105	1480916	59.220	ug/l	99
86) p-Isopropyltoluene	13.285	119	1244473	59.801	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	599706	56.430	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	579169	54.863	ug/l	99
89) n-Butylbenzene	13.615	91	1176870	60.121	ug/l	99
90) Hexachloroethane	13.877	117	235640	56.852	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	516734	55.174	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	32570	51.046	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	282885	53.498	ug/l	98
94) Hexachlorobutadiene	15.023	225	156829	52.448	ug/l	99
95) Naphthalene	15.139	128	499754	52.263	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	230647	50.477	ug/l	97

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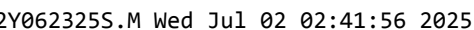
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

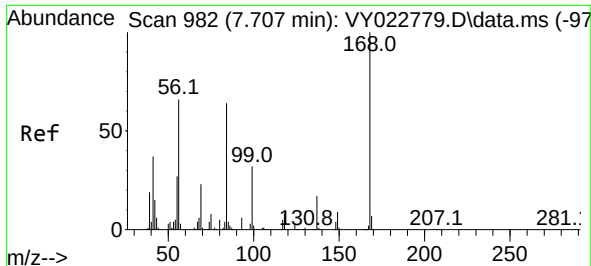
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QLast Update : Tue Jun 24 08:29:52 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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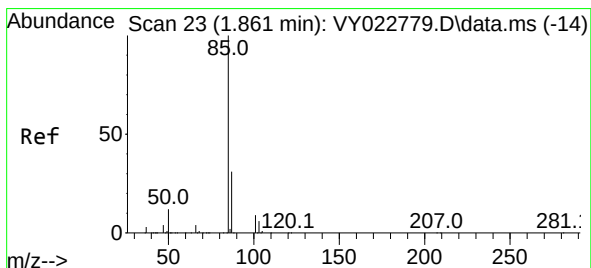
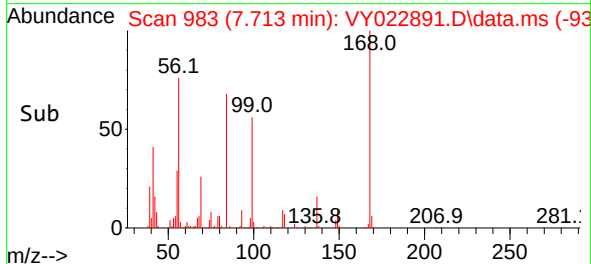
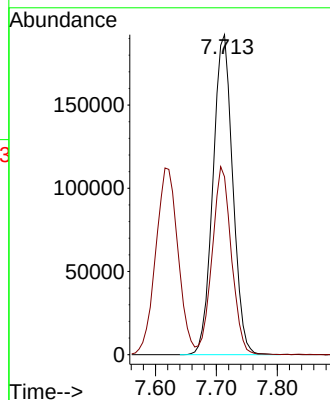
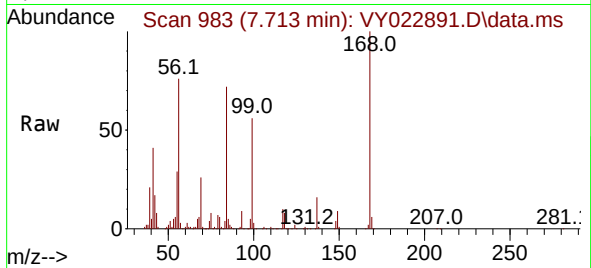




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022891.D
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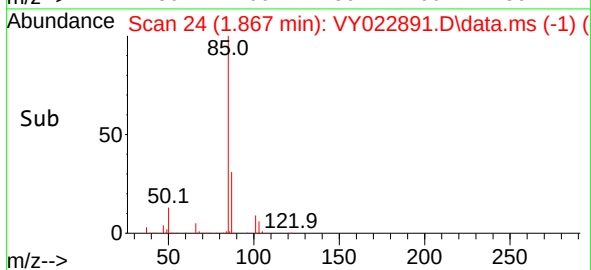
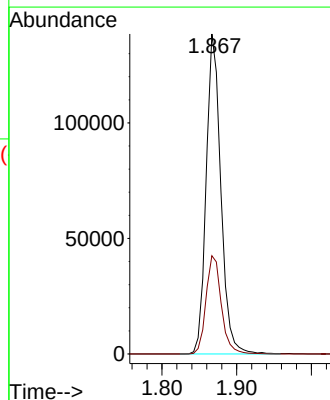
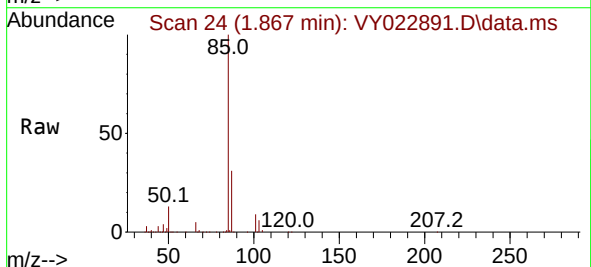
Instrument :
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ClientSampleId :
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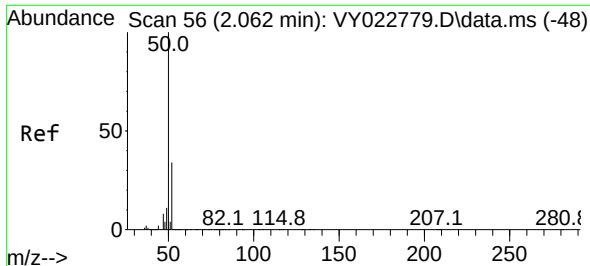
Tgt Ion:168 Resp: 433923
Ion Ratio Lower Upper
168 100
99 55.5 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 50.864 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

Tgt Ion: 85 Resp: 188731
Ion Ratio Lower Upper
85 100
87 30.7 16.7 50.0

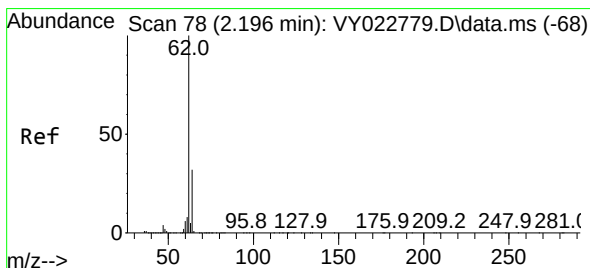
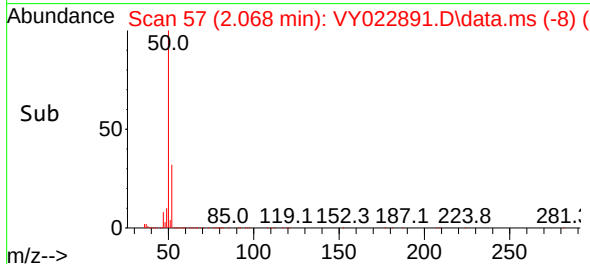
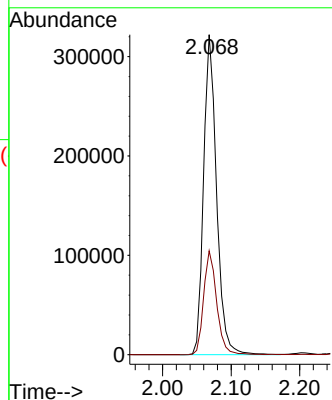
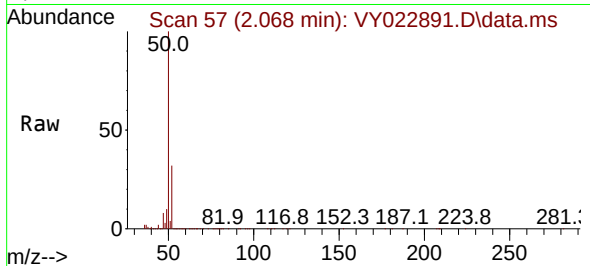




#3
Chloromethane
Concen: 59.905 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

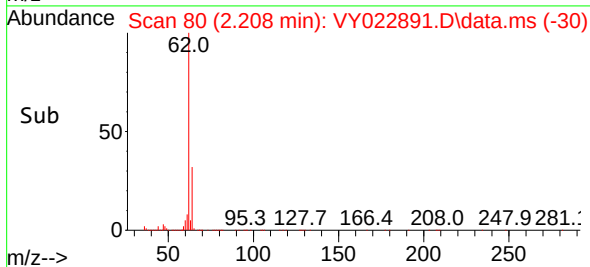
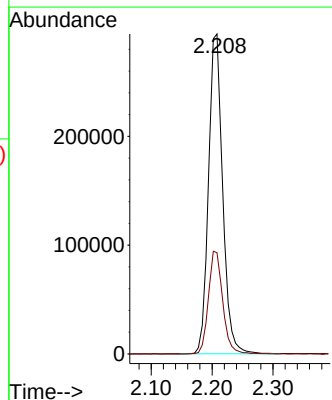
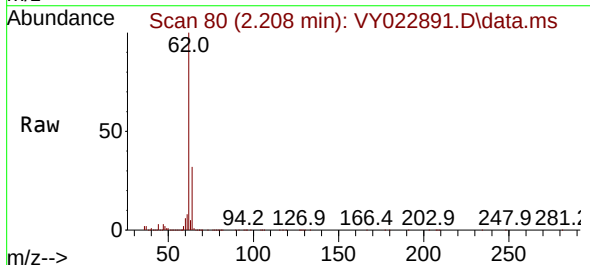
Instrument :
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ClientSampleId :
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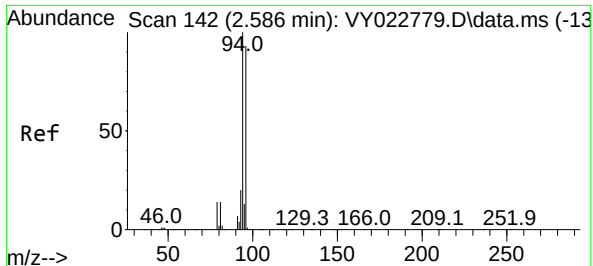
Tgt Ion: 50 Resp: 424443
Ion Ratio Lower Upper
50 100
52 32.5 26.0 39.0



#4
Vinyl Chloride
Concen: 53.756 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

Tgt Ion: 62 Resp: 475845
Ion Ratio Lower Upper
62 100
64 31.7 25.3 37.9

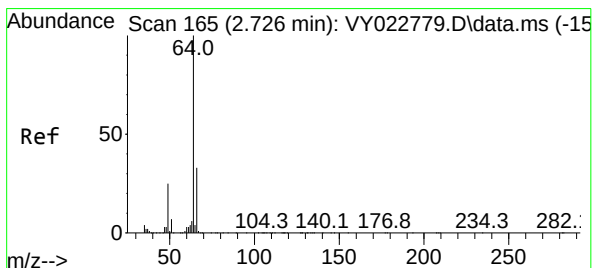
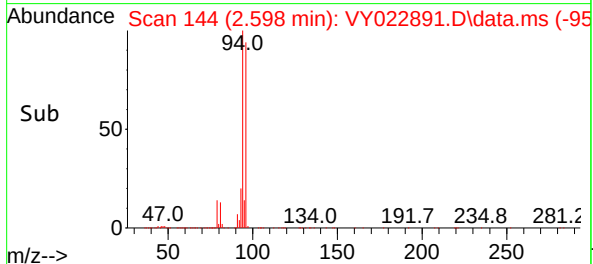
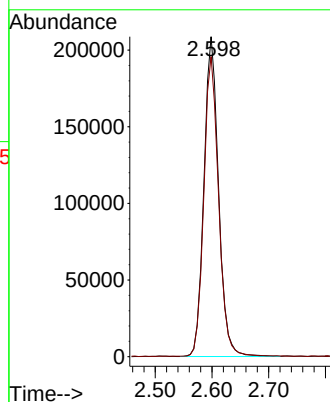
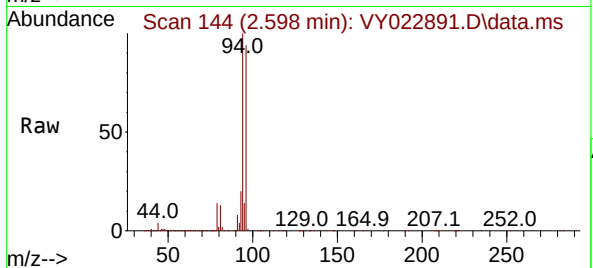




#5
Bromomethane
Concen: 53.934 ug/l
RT: 2.598 min Scan# 142
Delta R.T. -0.000 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

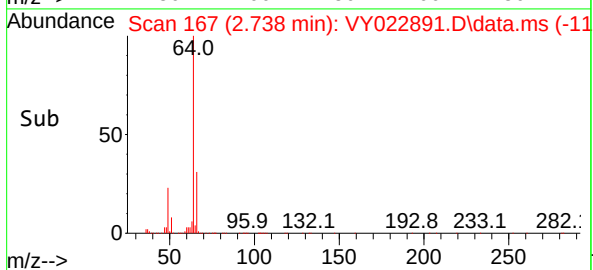
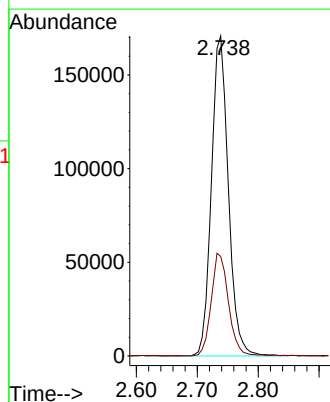
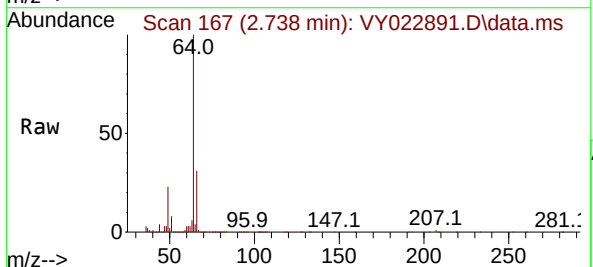
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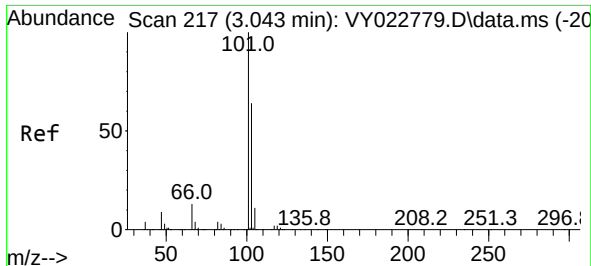
Tgt Ion: 94 Resp: 375326
Ion Ratio Lower Upper
94 100
96 93.7 74.0 111.0



#6
Chloroethane
Concen: 55.410 ug/l
RT: 2.738 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

Tgt Ion: 64 Resp: 329699
Ion Ratio Lower Upper
64 100
66 31.0 23.8 35.6

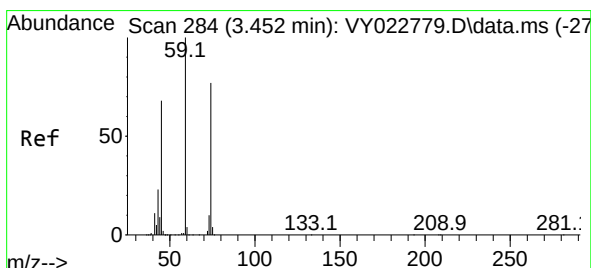
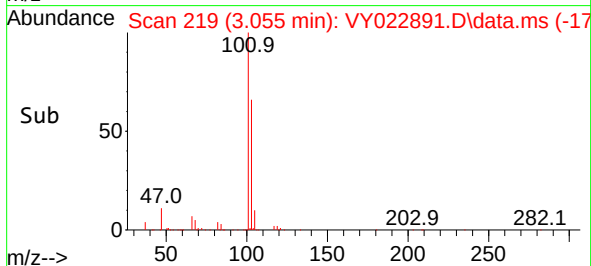
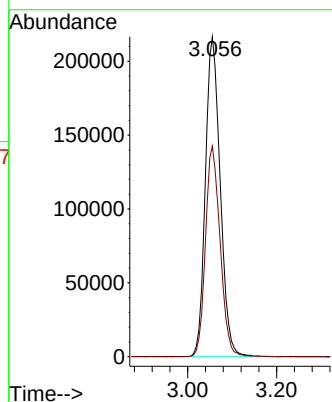
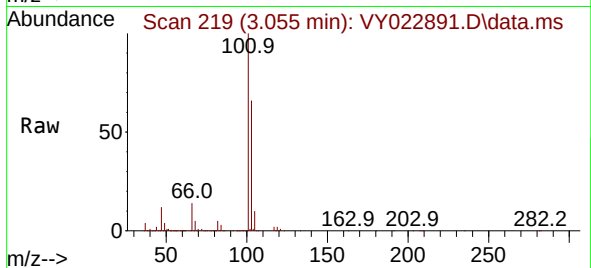




#7
Trichlorofluoromethane
Concen: 51.420 ug/l
RT: 3.055 min Scan# 217
Delta R.T. -0.000 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

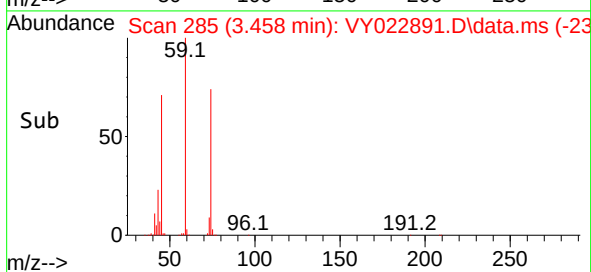
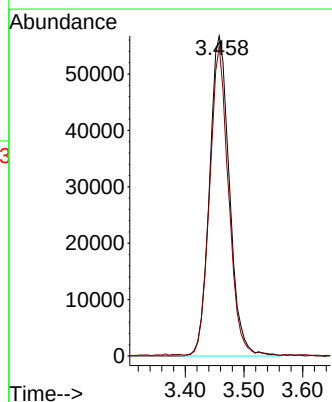
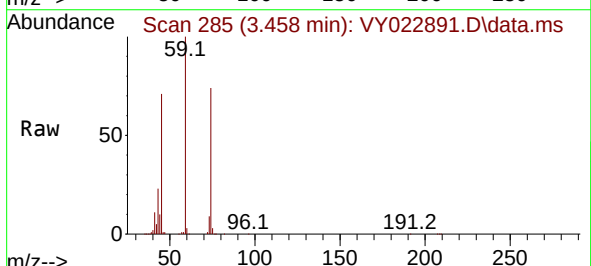
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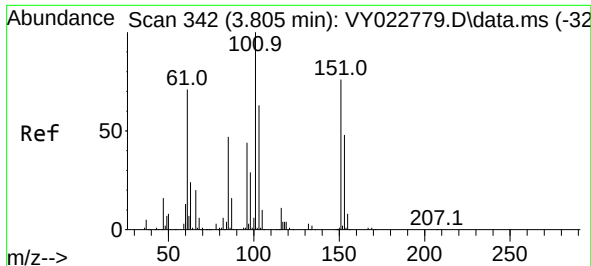
Tgt Ion:101 Resp: 503992
Ion Ratio Lower Upper
101 100
103 65.8 52.2 78.2



#8
Diethyl Ether
Concen: 55.025 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022891.D
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Tgt Ion: 74 Resp: 133207
Ion Ratio Lower Upper
74 100
45 91.8 45.9 137.6

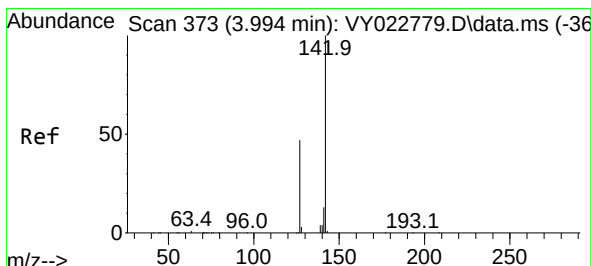
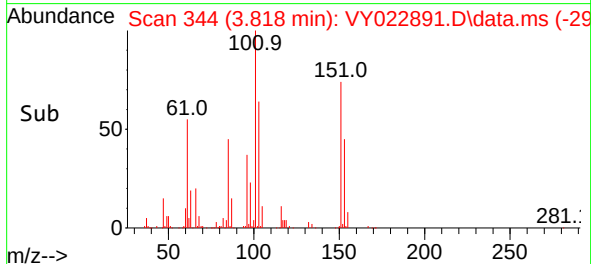
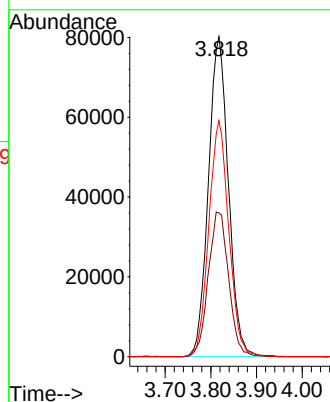
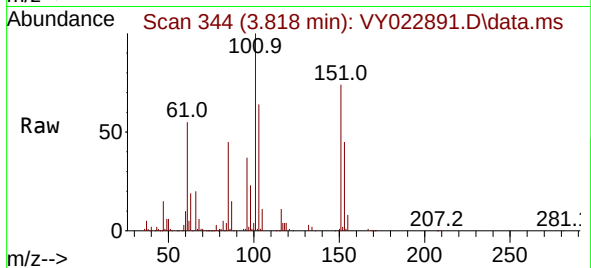




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.398 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

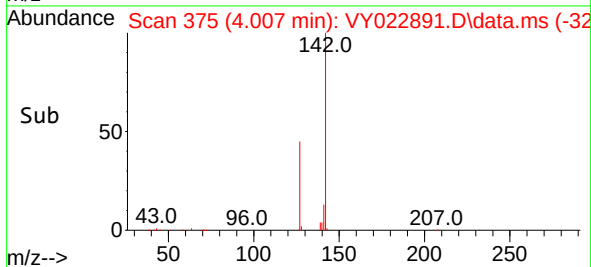
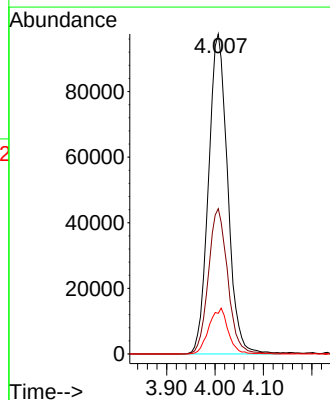
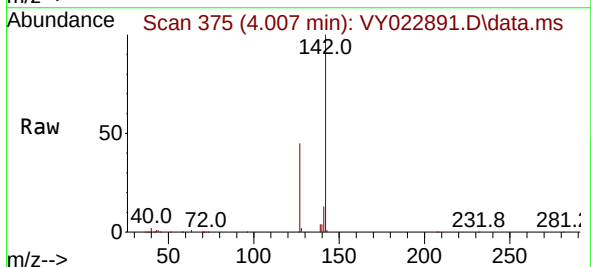
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

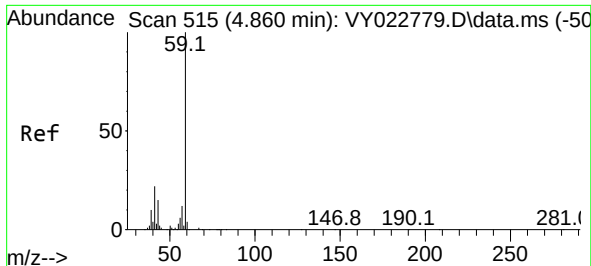
Tgt Ion:101 Resp: 243661
Ion Ratio Lower Upper
101 100
85 46.2 39.3 58.9
151 73.8 57.8 86.8



#10
Methyl Iodide
Concen: 55.006 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

Tgt Ion:142 Resp: 268256
Ion Ratio Lower Upper
142 100
127 45.9 37.1 55.7
141 14.3 11.4 17.2

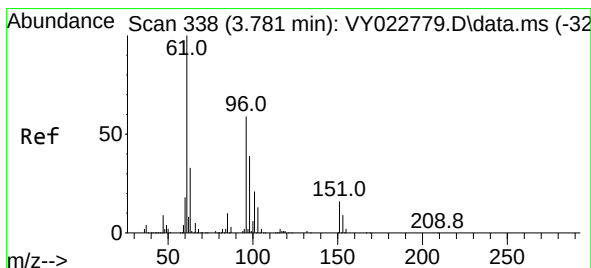
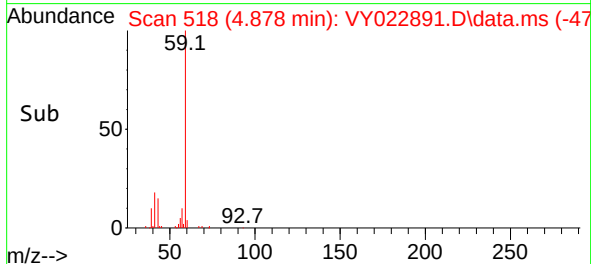
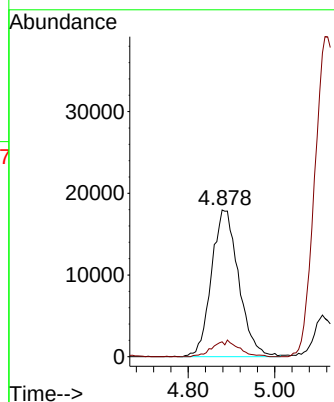
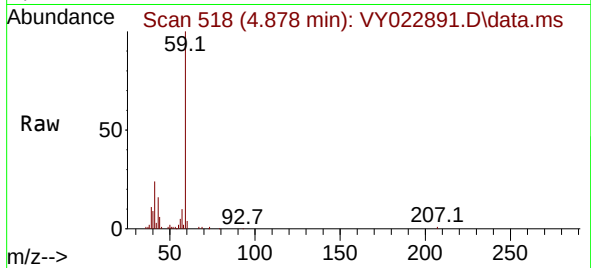




#11
Tert butyl alcohol
Concen: 243.971 ug/l
RT: 4.878 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

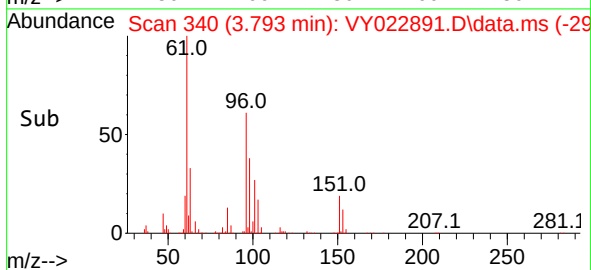
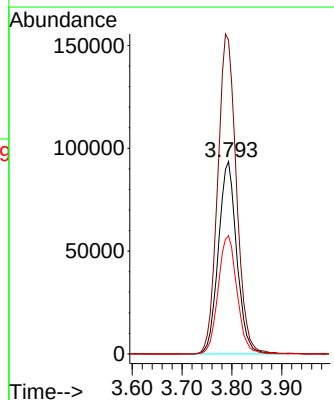
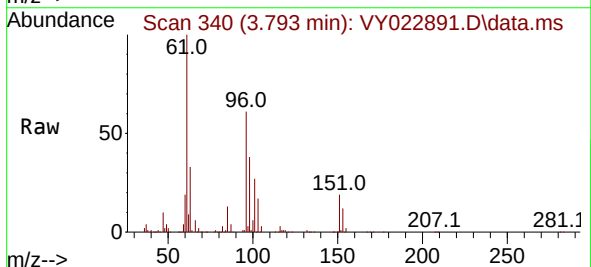
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

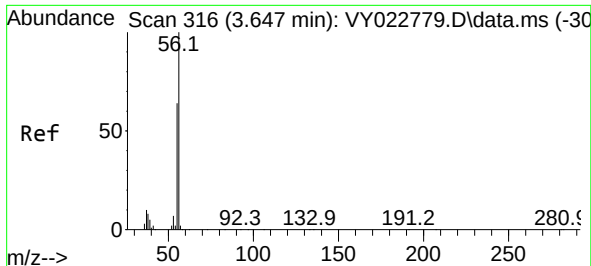
Tgt Ion: 59 Resp: 78565
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 54.539 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

Tgt Ion: 96 Resp: 239544
Ion Ratio Lower Upper
96 100
61 163.1 134.6 201.8
98 61.4 50.2 75.4

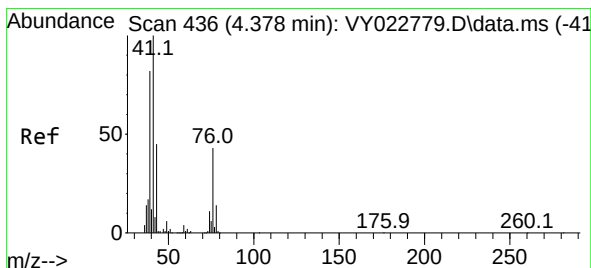
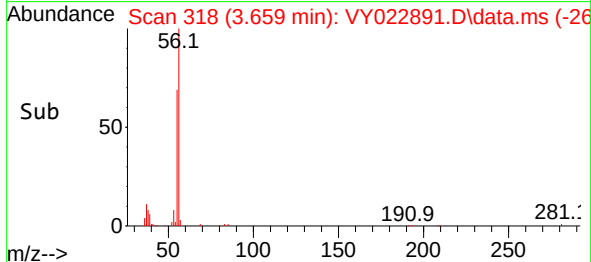
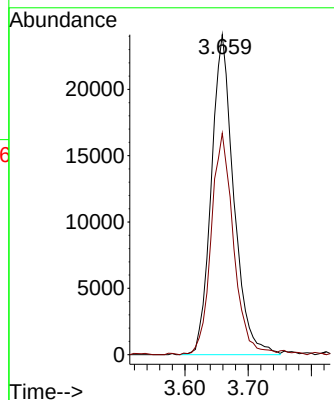
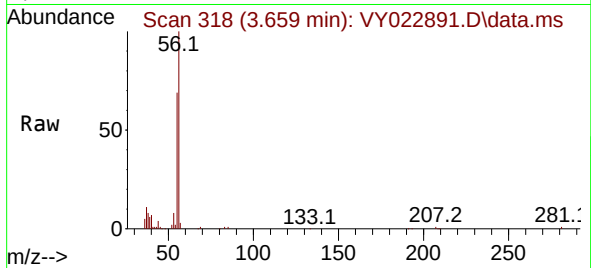




#13
Acrolein
Concen: 135.897 ug/l
RT: 3.659 min Scan# 316
Delta R.T. -0.000 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

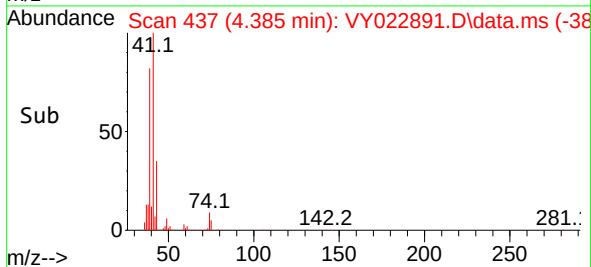
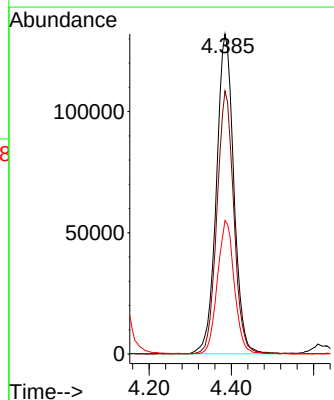
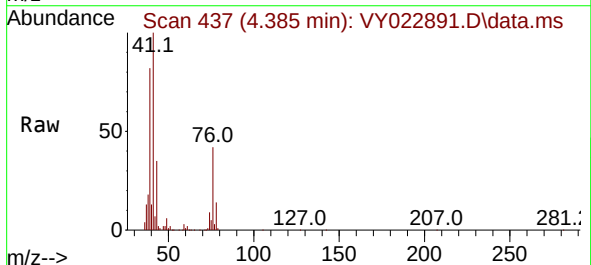
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

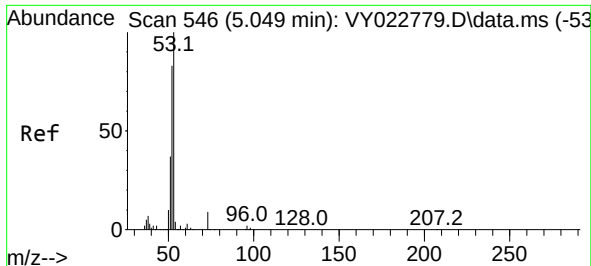
Tgt Ion: 56 Resp: 59342
Ion Ratio Lower Upper
56 100
55 68.7 57.0 85.6



#14
Allyl chloride
Concen: 57.459 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

Tgt Ion: 41 Resp: 388175
Ion Ratio Lower Upper
41 100
39 79.4 69.1 103.7
76 40.7 33.5 50.3

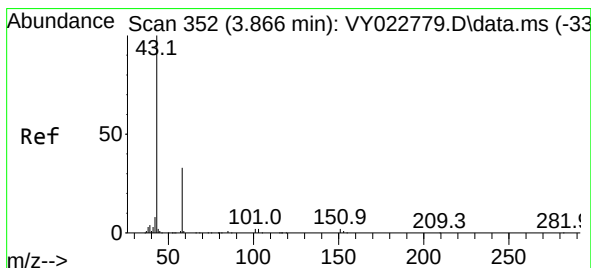
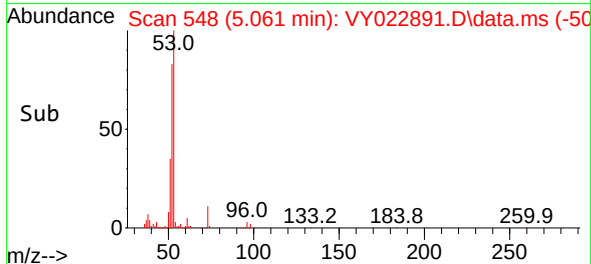
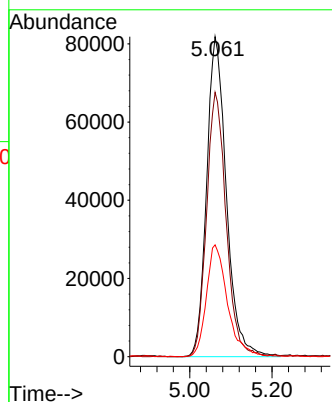
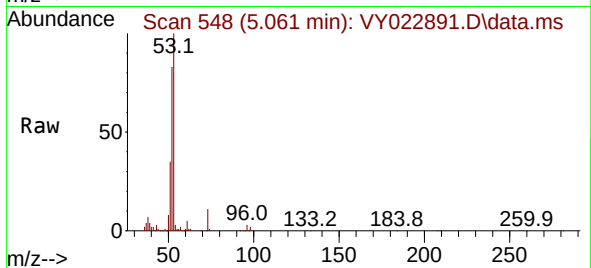




#15
Acrylonitrile
Concen: 270.308 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

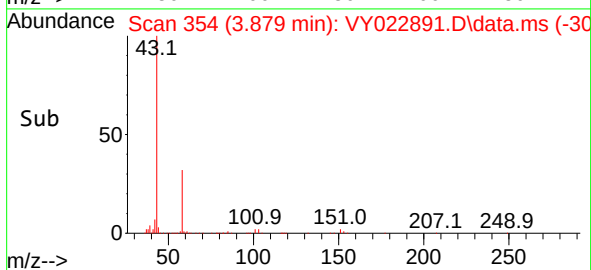
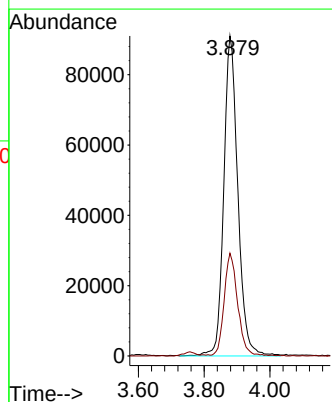
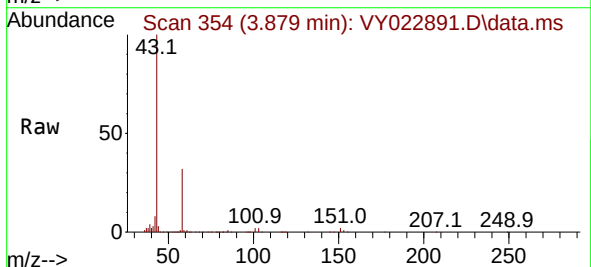
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

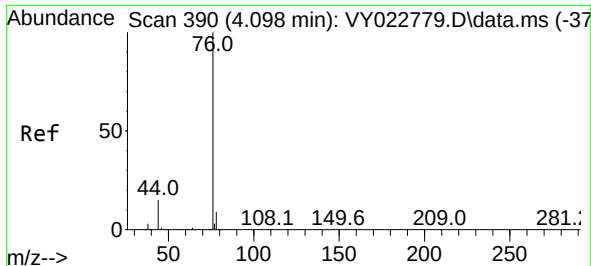
Tgt Ion: 53 Resp: 273022
Ion Ratio Lower Upper
53 100
52 81.6 65.7 98.5
51 37.3 30.1 45.1



#16
Acetone
Concen: 294.437 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

Tgt Ion: 43 Resp: 269518
Ion Ratio Lower Upper
43 100
58 32.0 24.0 36.0

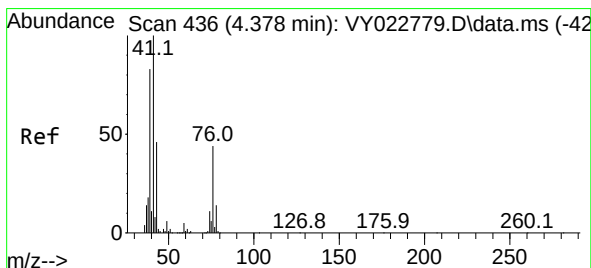
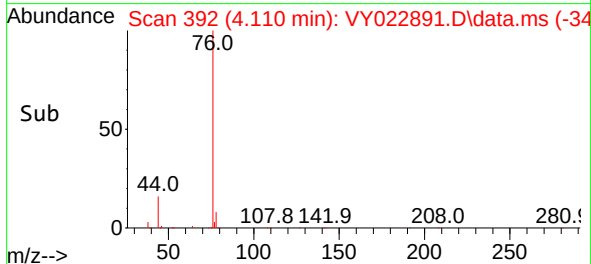
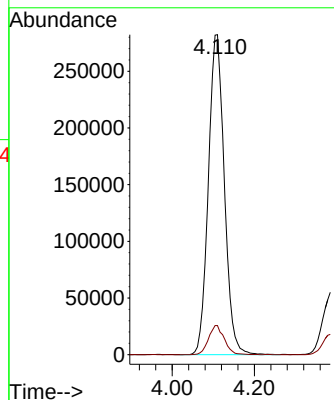
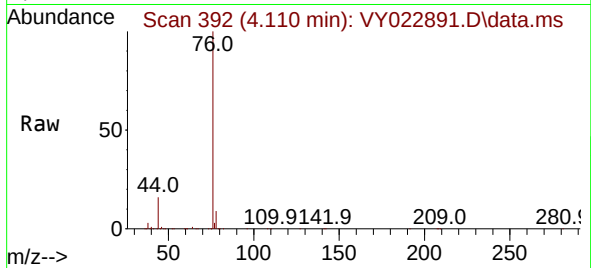




#17
Carbon Disulfide
Concen: 53.692 ug/l
RT: 4.110 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

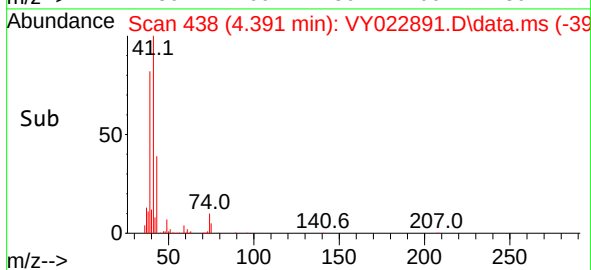
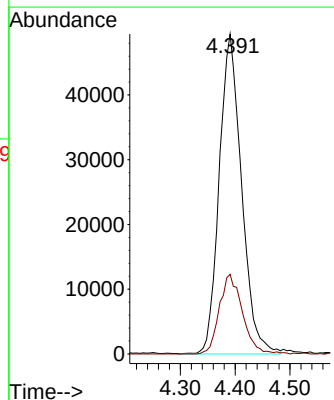
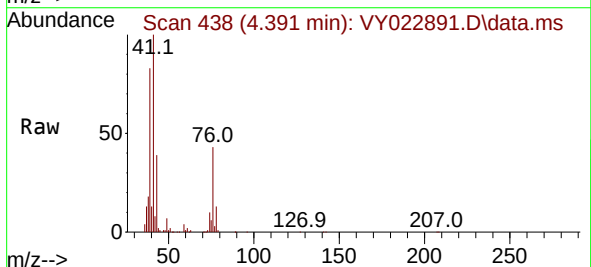
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

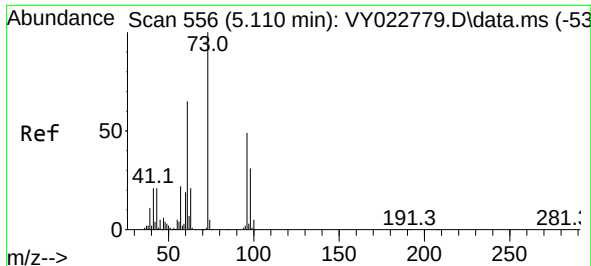
Tgt Ion: 76 Resp: 761834
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 46.173 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

Tgt Ion: 43 Resp: 139969
Ion Ratio Lower Upper
43 100
74 25.6 19.8 29.6

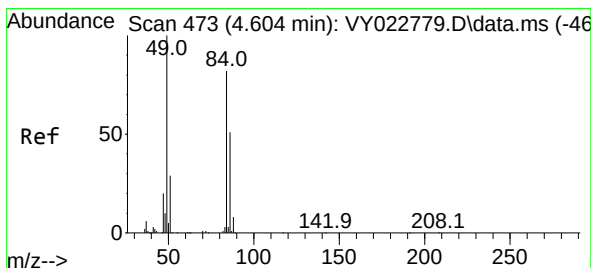
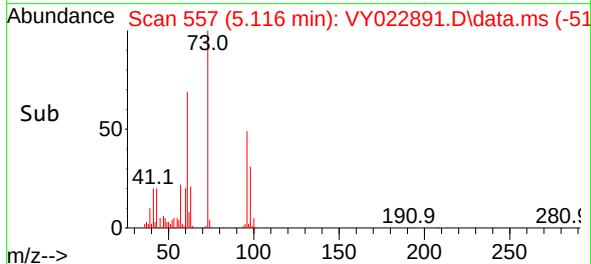
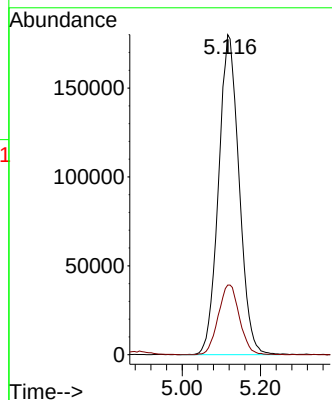
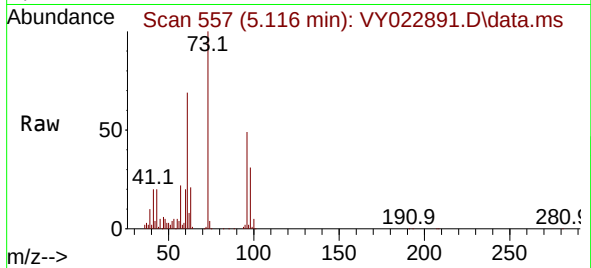




#19
Methyl tert-butyl Ether
Concen: 54.912 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

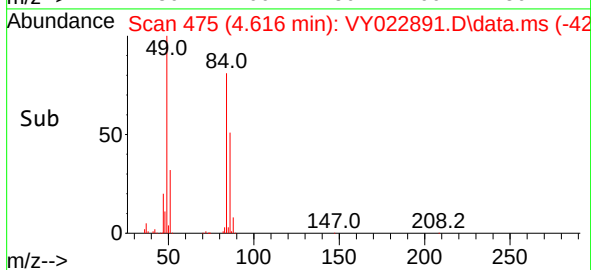
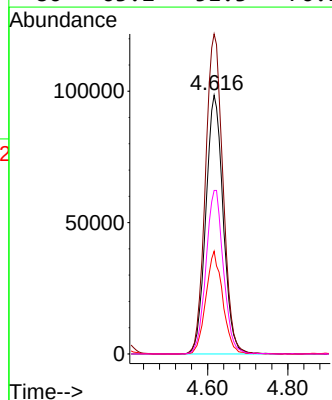
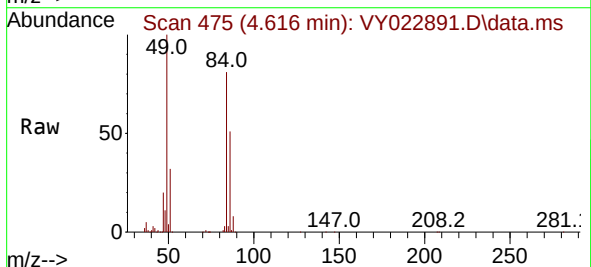
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

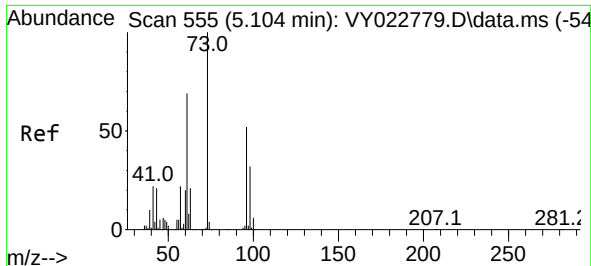
Tgt Ion: 73 Resp: 656704
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.0



#20
Methylene Chloride
Concen: 51.151 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

Tgt Ion: 84 Resp: 295695
Ion Ratio Lower Upper
84 100
49 123.7 101.9 152.9
51 39.7 29.8 44.8
86 63.2 51.3 76.9

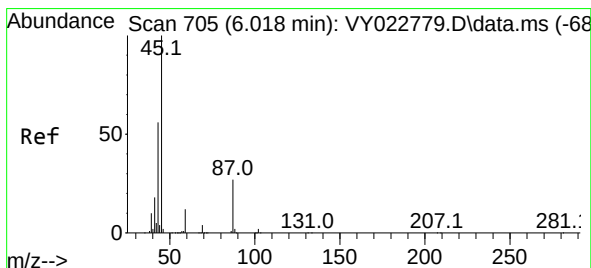
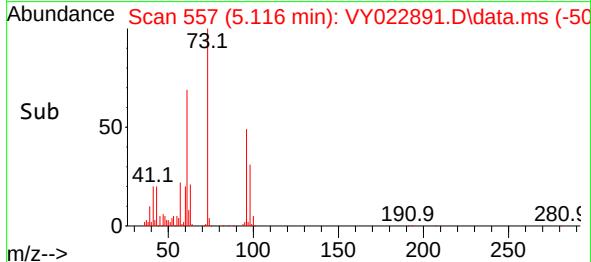
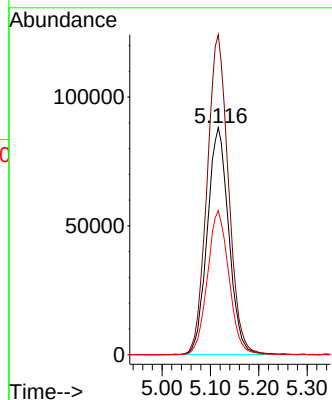
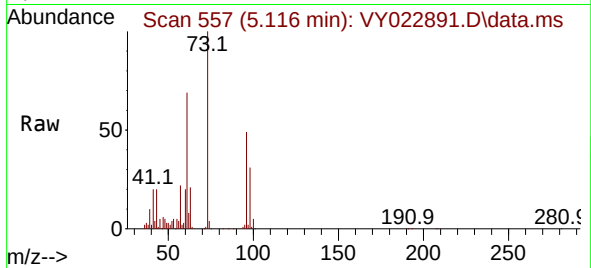




#21
trans-1,2-Dichloroethene
Concen: 54.009 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

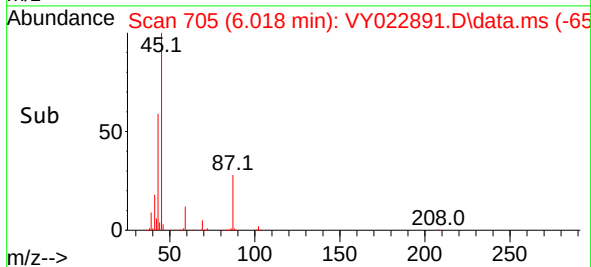
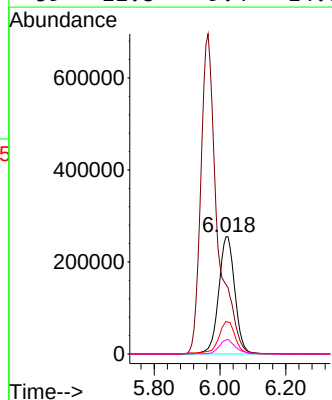
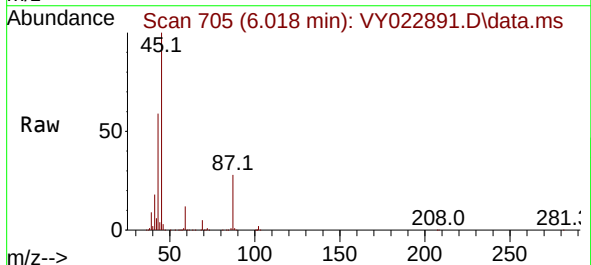
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

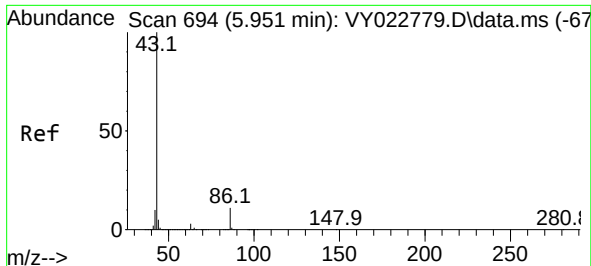
Tgt Ion: 96 Resp: 271108
Ion Ratio Lower Upper
96 100
61 141.0 112.6 169.0
98 63.4 50.6 75.8



#22
Diisopropyl ether
Concen: 57.634 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

Tgt Ion: 45 Resp: 864680
Ion Ratio Lower Upper
45 100
43 59.1 48.3 72.5
87 27.7 23.0 34.6
59 11.8 9.4 14.0

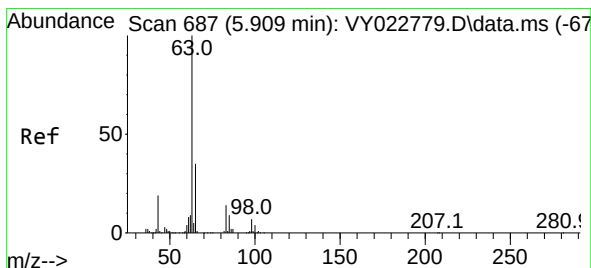
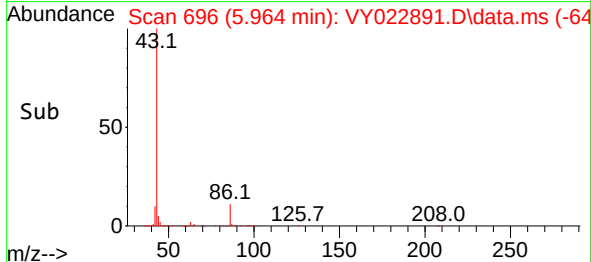
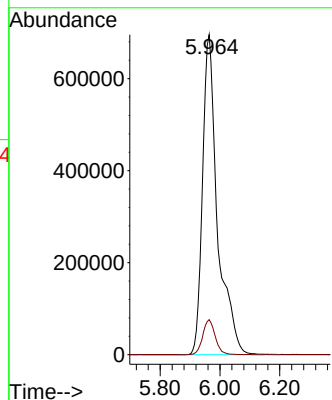
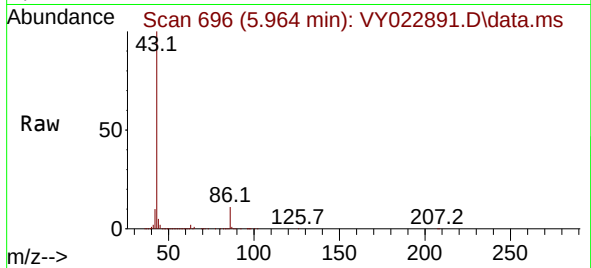




#23
 Vinyl Acetate
 Concen: 291.920 ug/l
 RT: 5.964 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY022891.D
 Acq: 01 Jul 2025 10:32

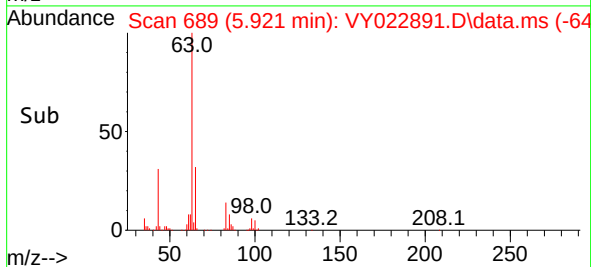
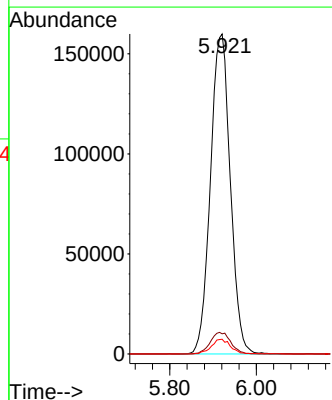
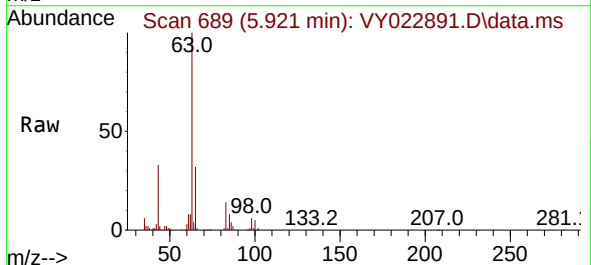
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

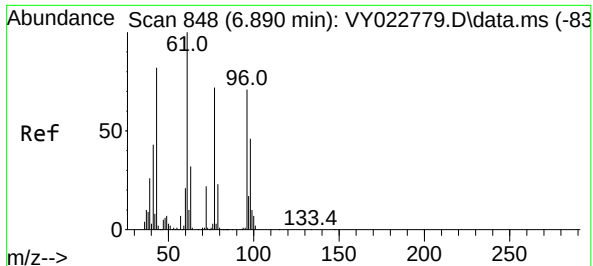
Tgt Ion: 43 Resp: 2418826
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 56.137 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY022891.D
 Acq: 01 Jul 2025 10:32

Tgt Ion: 63 Resp: 508724
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.4 10.1
 100 4.6 2.1 6.3





#25

2-Butanone

Concen: 279.582 ug/l

RT: 6.902 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY022891.D

Acq: 01 Jul 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

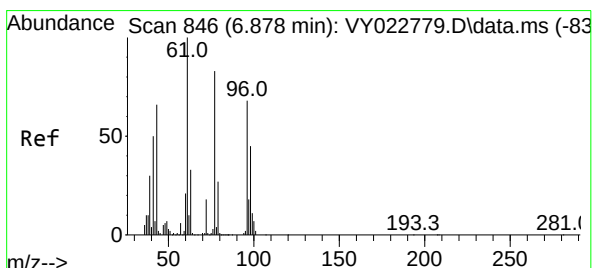
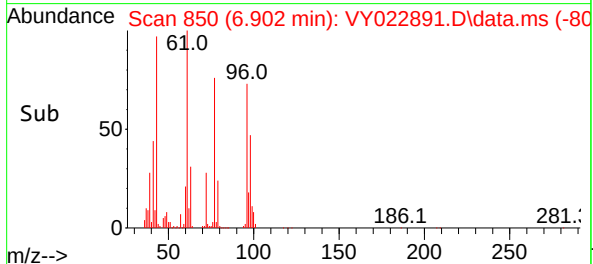
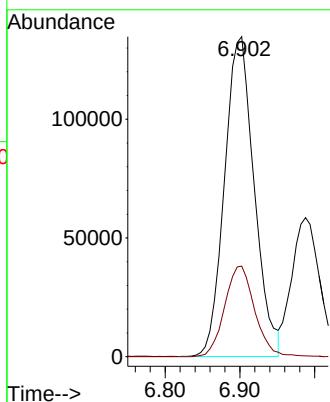
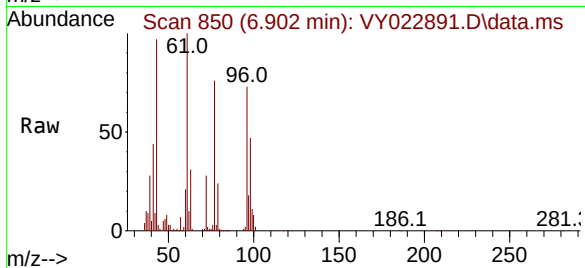
VSTDCCC050

Tgt Ion: 43 Resp: 372472

Ion Ratio Lower Upper

43 100

72 28.3 22.9 34.3



#26

2,2-Dichloropropane

Concen: 58.696 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY022891.D

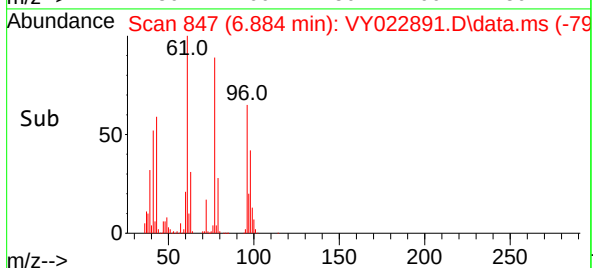
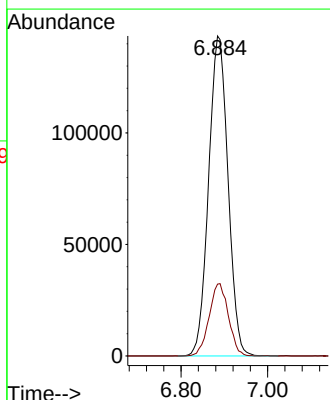
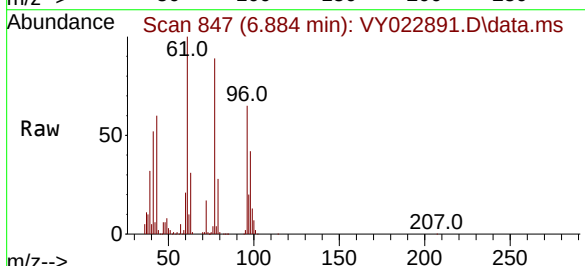
Acq: 01 Jul 2025 10:32

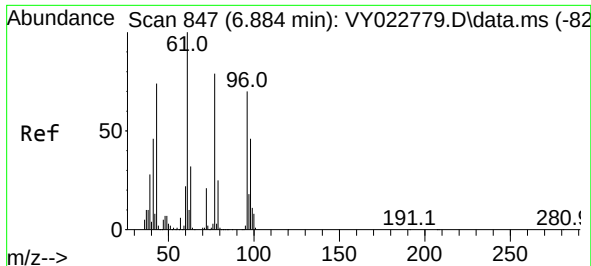
Tgt Ion: 77 Resp: 445879

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.2

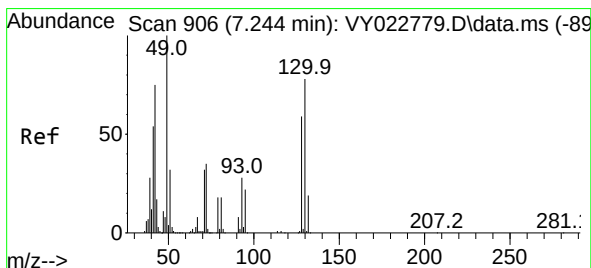
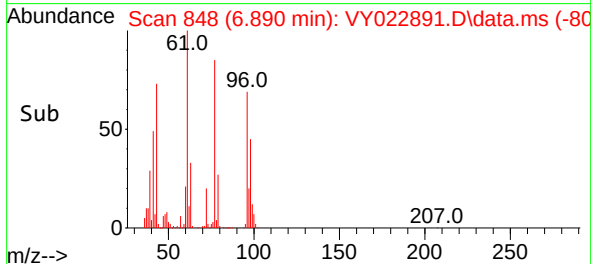
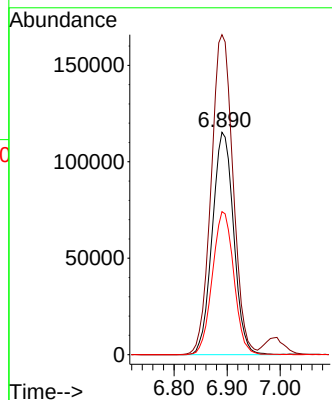
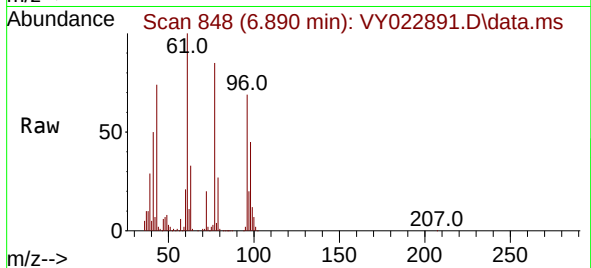




#27
 cis-1,2-Dichloroethene
 Concen: 55.379 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY022891.D
 Acq: 01 Jul 2025 10:32

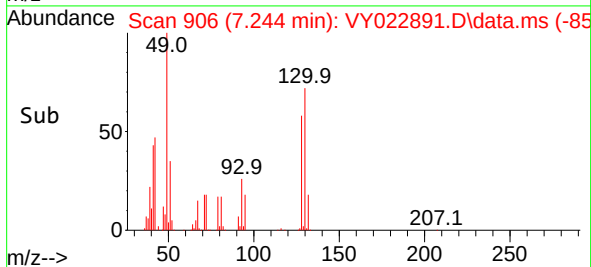
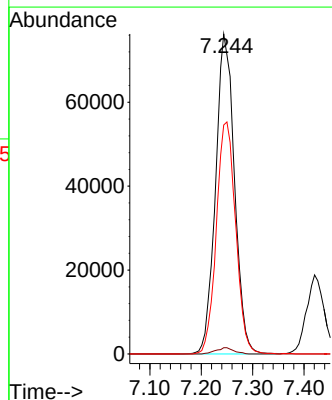
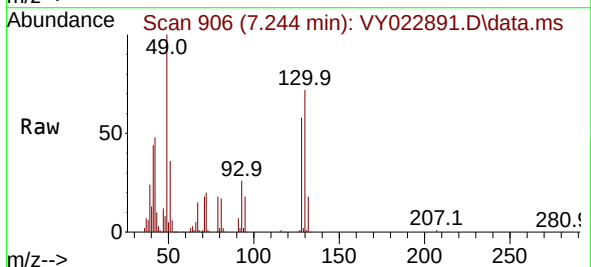
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

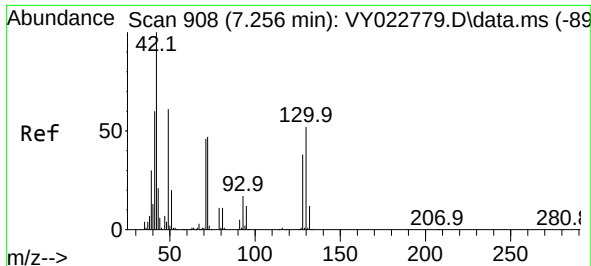
Tgt Ion: 96 Resp: 323021
 Ion Ratio Lower Upper
 96 100
 61 147.4 0.0 290.0
 98 64.5 0.0 128.4



#28
 Bromochloromethane
 Concen: 51.183 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY022891.D
 Acq: 01 Jul 2025 10:32

Tgt Ion: 49 Resp: 194998
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.6
 130 74.0 55.7 83.5





#29

Tetrahydrofuran

Concen: 270.581 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.000 min

Lab File: VY022891.D

Acq: 01 Jul 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

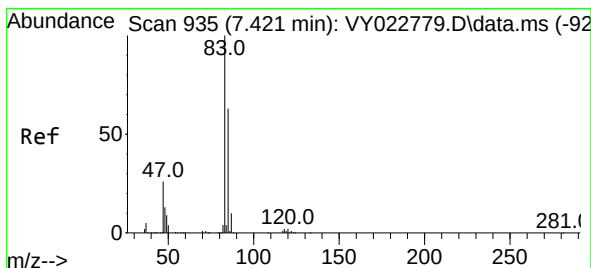
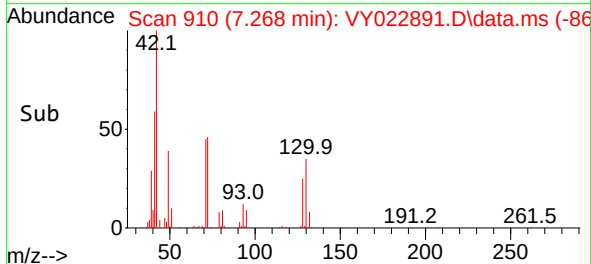
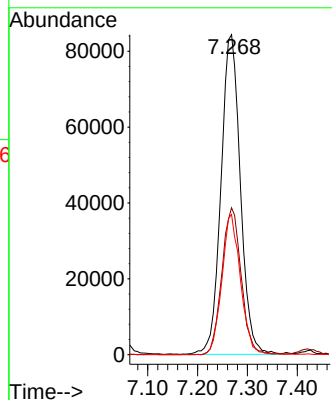
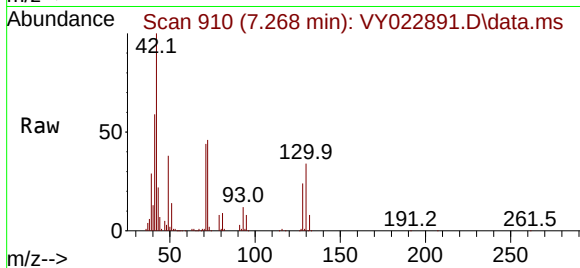
Tgt Ion: 42 Resp: 227624

Ion Ratio Lower Upper

42 100

72 45.9 37.4 56.2

71 42.3 34.2 51.2



#30

Chloroform

Concen: 54.324 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022891.D

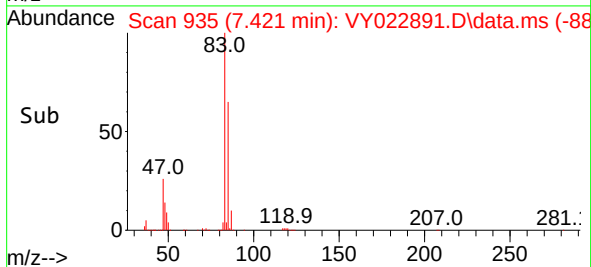
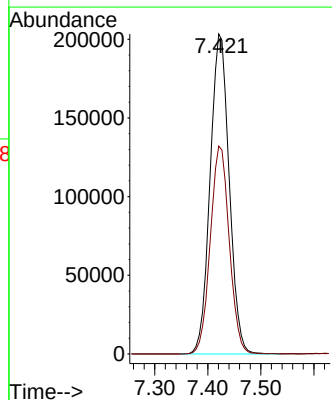
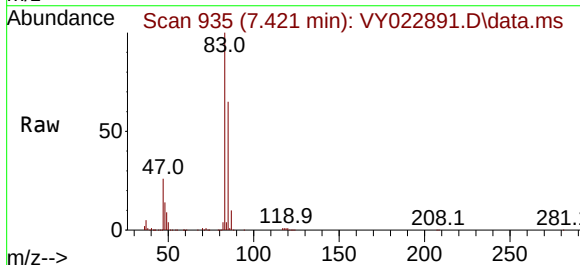
Acq: 01 Jul 2025 10:32

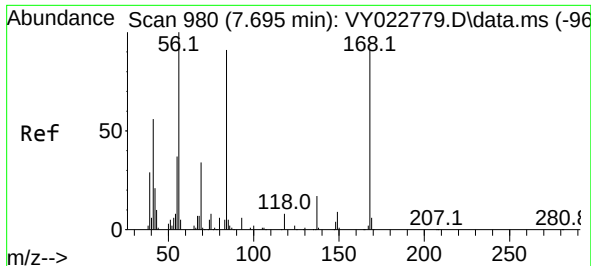
Tgt Ion: 83 Resp: 507044

Ion Ratio Lower Upper

83 100

85 64.9 54.2 81.4

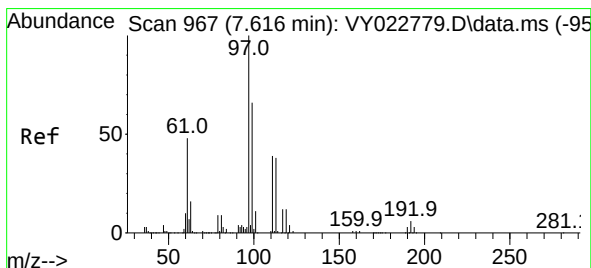
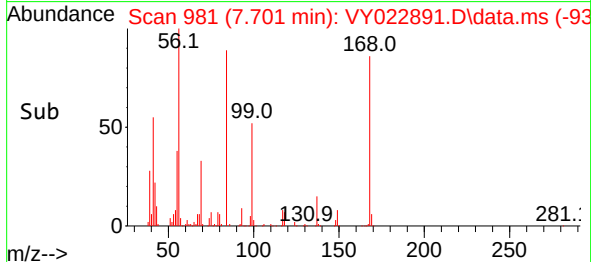
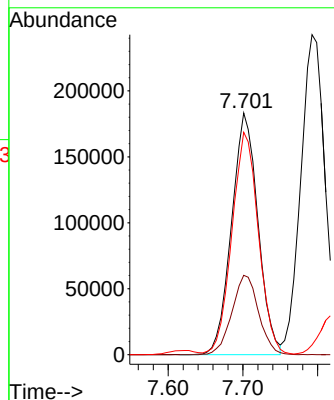
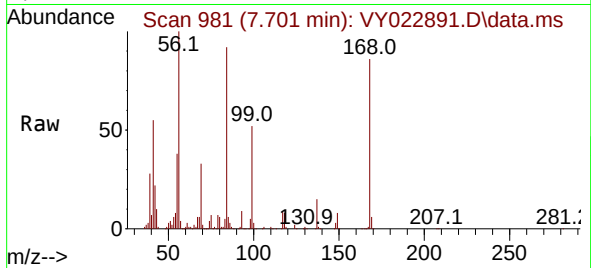




#31
Cyclohexane
Concen: 54.077 ug/l
RT: 7.701 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

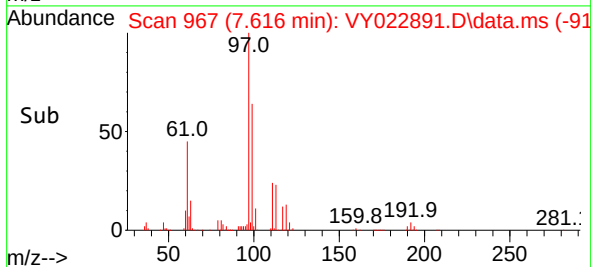
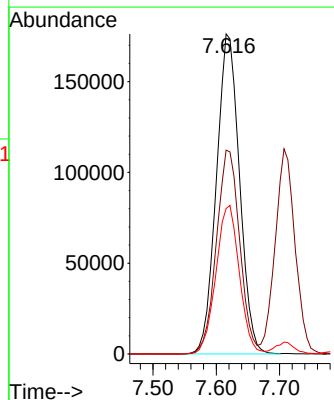
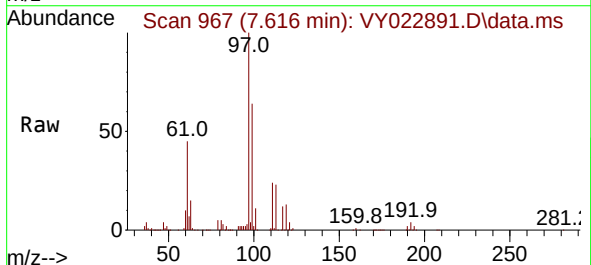
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

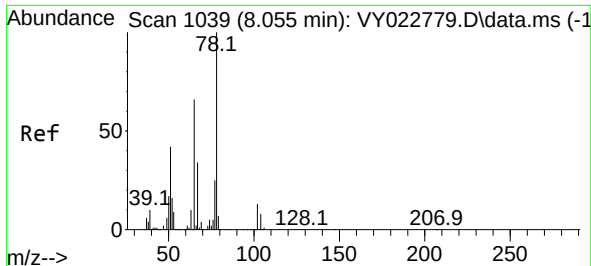
Tgt Ion: 56 Resp: 449838
Ion Ratio Lower Upper
56 100
69 32.8 27.0 40.6
84 90.3 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 55.417 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

Tgt Ion: 97 Resp: 446987
Ion Ratio Lower Upper
97 100
99 64.0 50.9 76.3
61 47.1 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 50.117 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY022891.D

Acq: 01 Jul 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

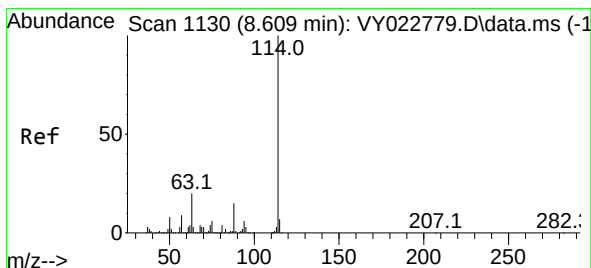
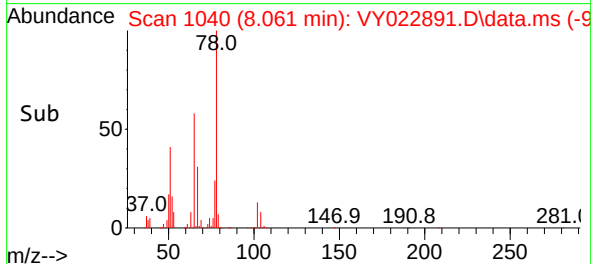
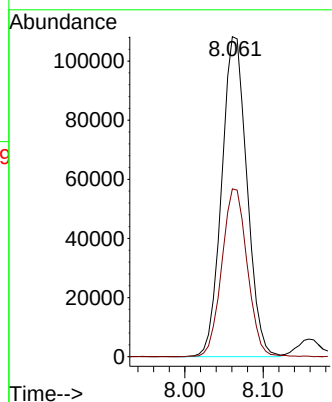
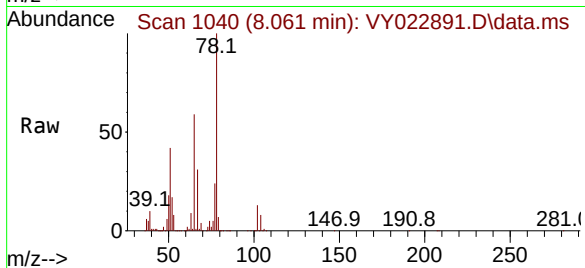
VSTDCCC050

Tgt Ion: 65 Resp: 242716

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022891.D

Acq: 01 Jul 2025 10:32

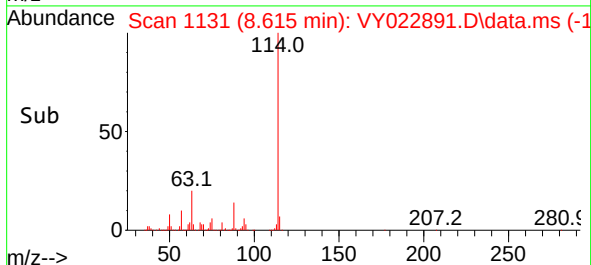
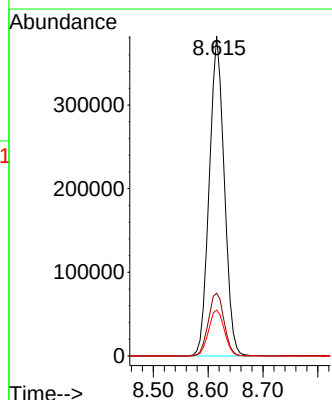
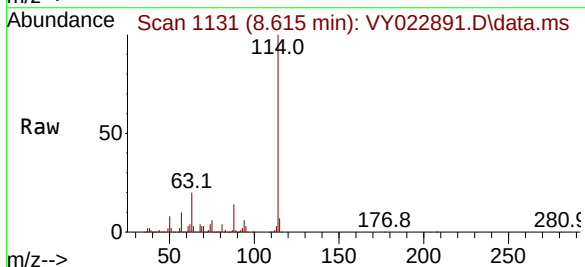
Tgt Ion: 114 Resp: 723740

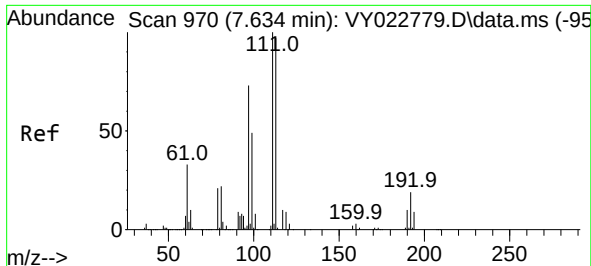
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.8

88 14.3 0.0 27.8

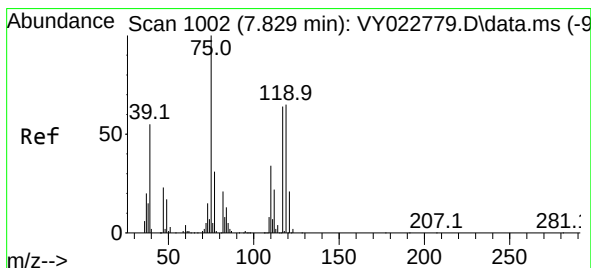
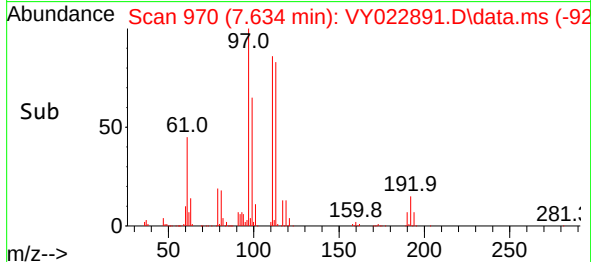
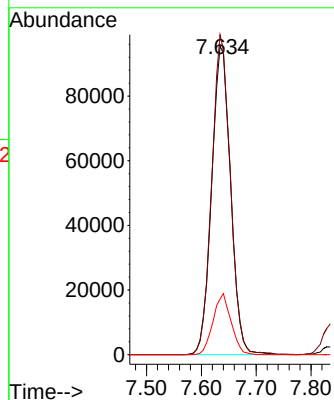
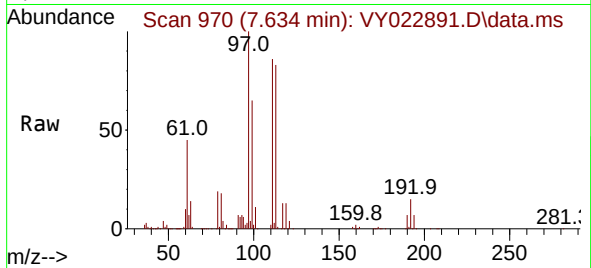




#35
Dibromofluoromethane
Concen: 52.026 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

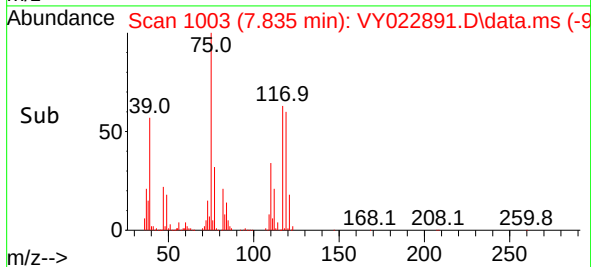
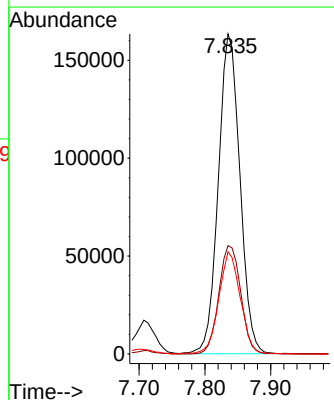
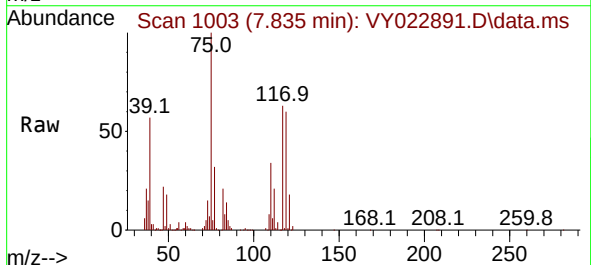
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

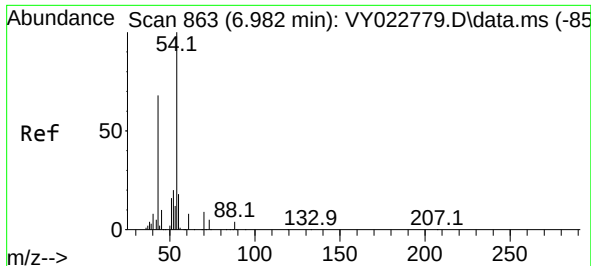
Tgt Ion:113 Resp: 228987
Ion Ratio Lower Upper
113 100
111 101.8 81.1 121.7
192 18.8 14.2 21.2



#36
1,1-Dichloropropene
Concen: 55.953 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

Tgt Ion: 75 Resp: 373288
Ion Ratio Lower Upper
75 100
110 34.4 16.9 50.7
77 31.9 24.8 37.2





#37

Ethyl Acetate

Concen: 54.362 ug/l

RT: 6.988 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY022891.D

Acq: 01 Jul 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

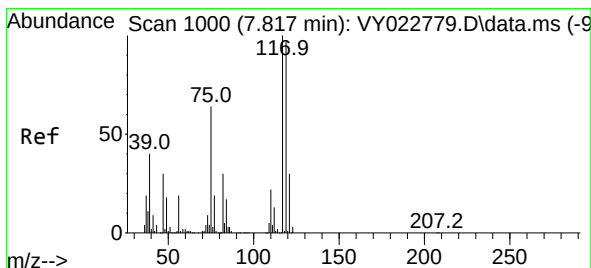
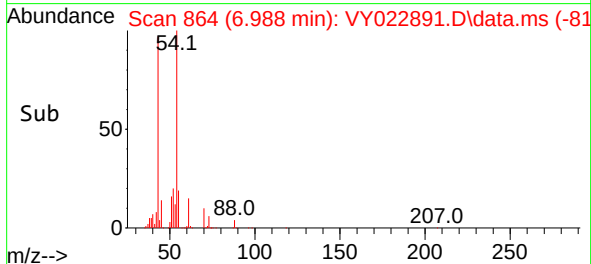
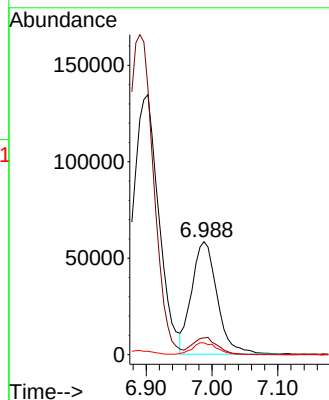
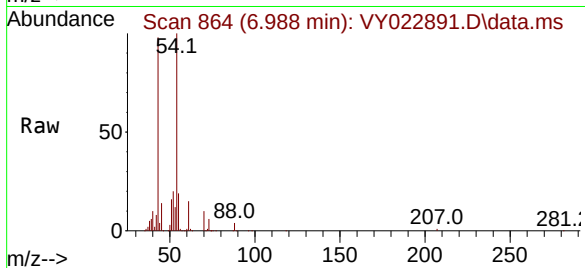
Tgt Ion: 43 Resp: 156501

Ion Ratio Lower Upper

43 100

61 14.5 11.5 17.3

70 10.6 7.2 10.8



#38

Carbon Tetrachloride

Concen: 56.013 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY022891.D

Acq: 01 Jul 2025 10:32

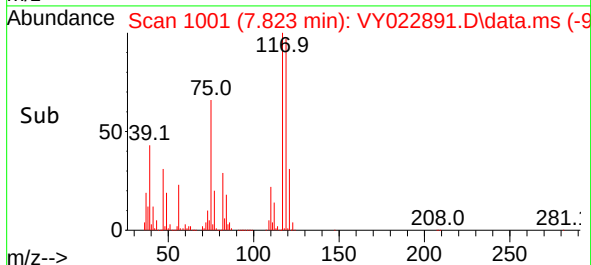
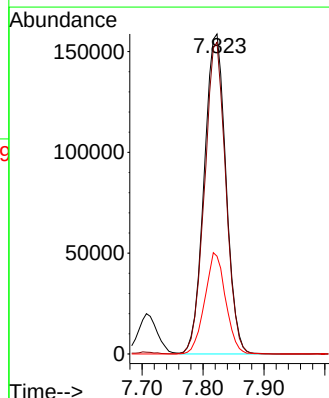
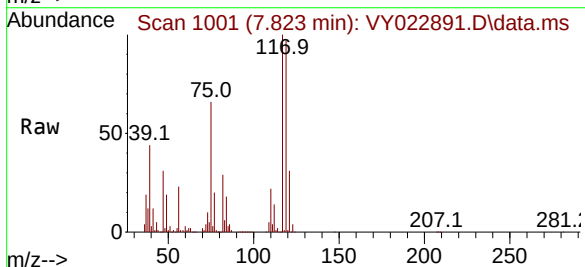
Tgt Ion: 117 Resp: 394298

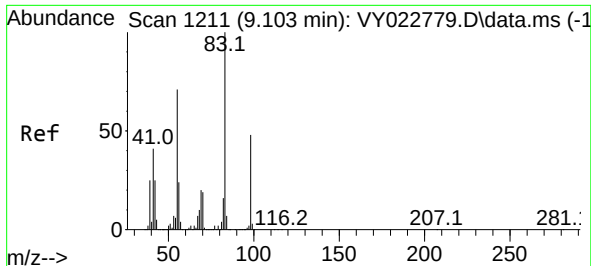
Ion Ratio Lower Upper

117 100

119 97.4 75.0 112.6

121 30.5 25.0 37.4





#39

Methylcyclohexane

Concen: 57.442 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022891.D

Acq: 01 Jul 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

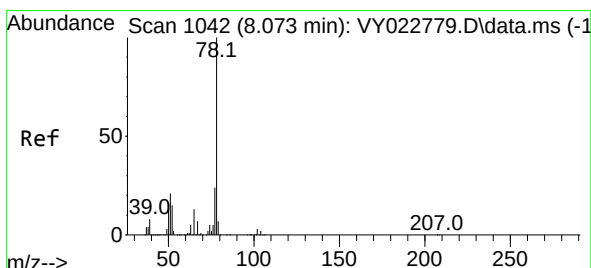
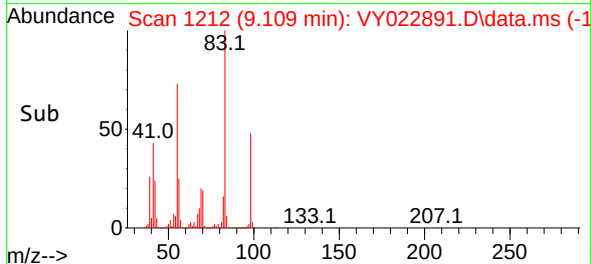
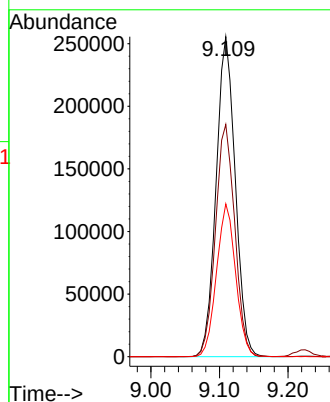
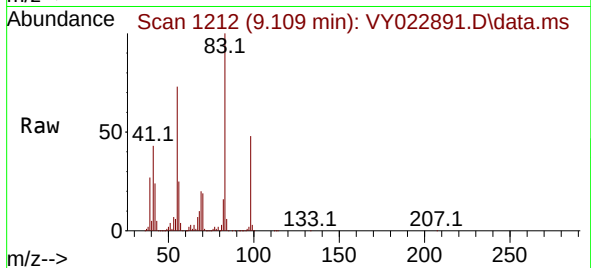
Tgt Ion: 83 Resp: 495931

Ion Ratio Lower Upper

83 100

55 72.5 58.1 87.1

98 47.8 39.0 58.6



#40

Benzene

Concen: 56.033 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022891.D

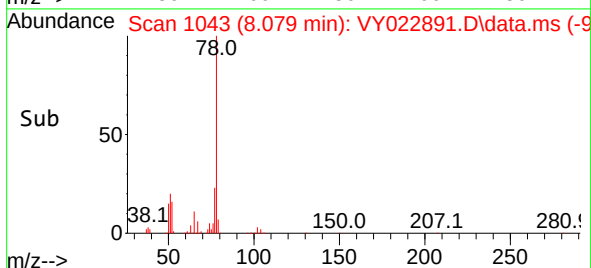
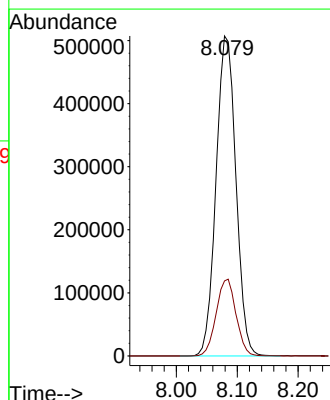
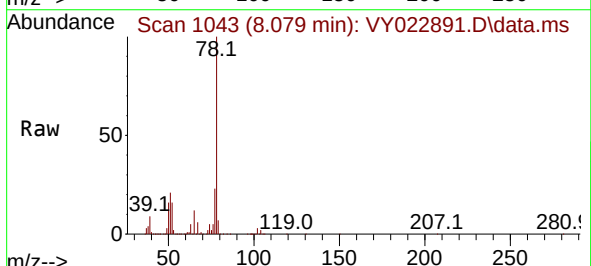
Acq: 01 Jul 2025 10:32

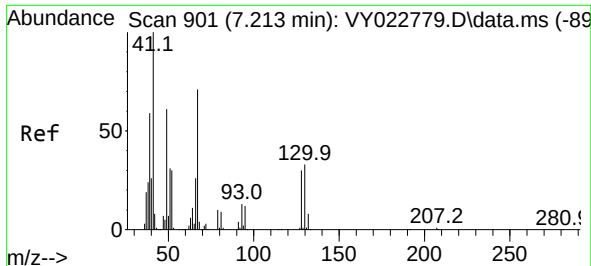
Tgt Ion: 78 Resp: 1149332

Ion Ratio Lower Upper

78 100

77 23.5 19.3 28.9



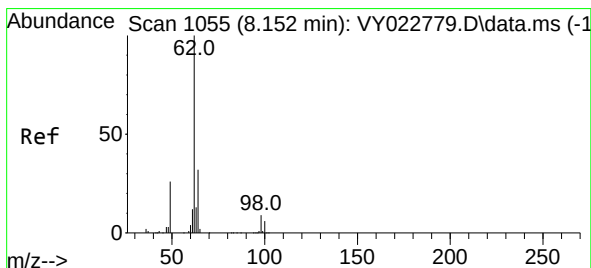
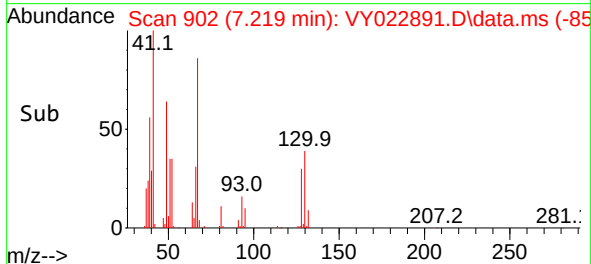
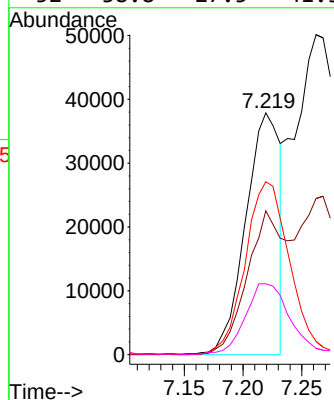
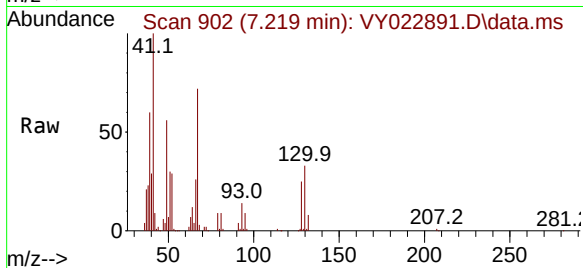


#41
Methacrylonitrile
Concen: 43.759 ug/l
RT: 7.219 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 77554

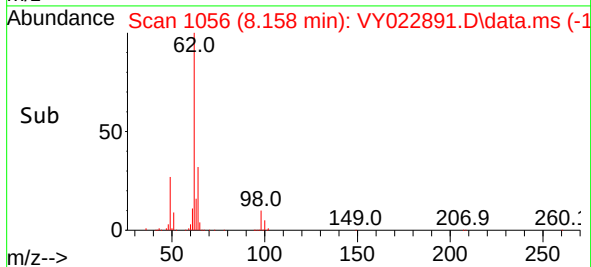
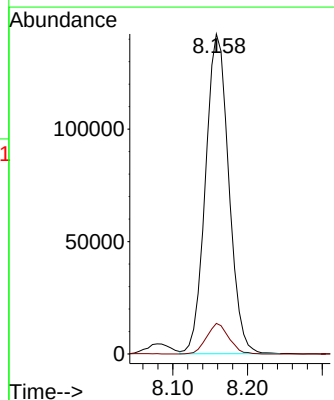
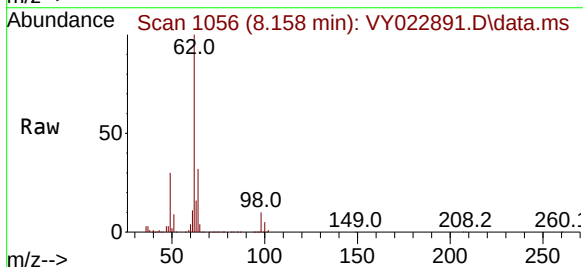
Ion	Ratio	Lower	Upper
41	100		
39	64.1	46.6	69.8
67	92.9	63.3	94.9
52	38.8	27.5	41.3

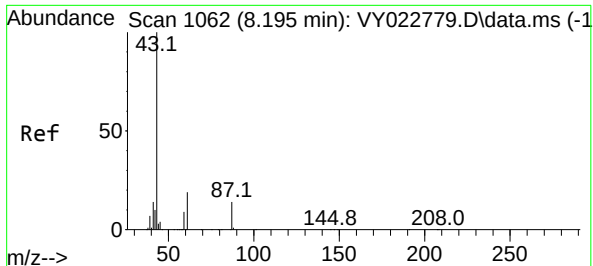


#42
1,2-Dichloroethane
Concen: 54.787 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

Tgt Ion: 62 Resp: 307948

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	19.2

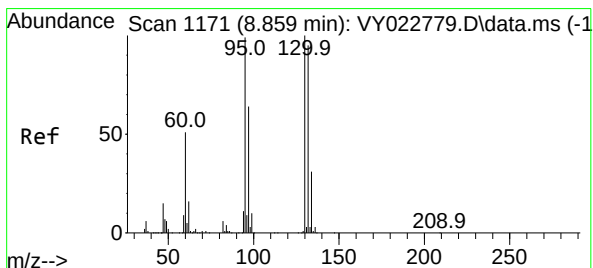
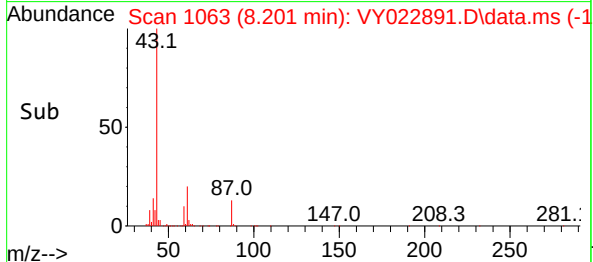
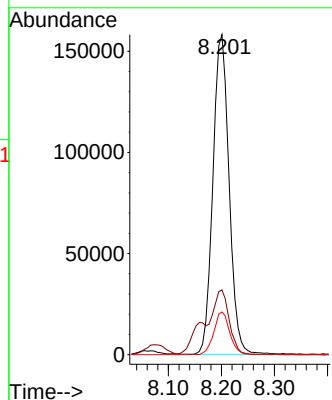
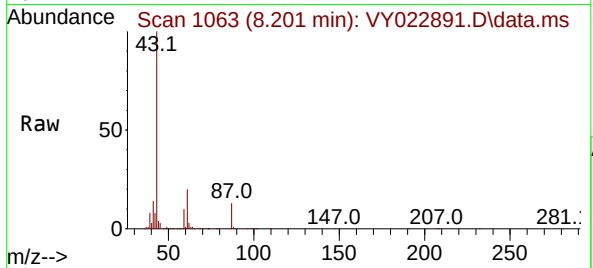




#43
Isopropyl Acetate
Concen: 55.974 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

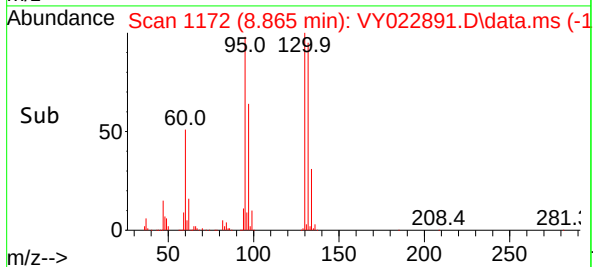
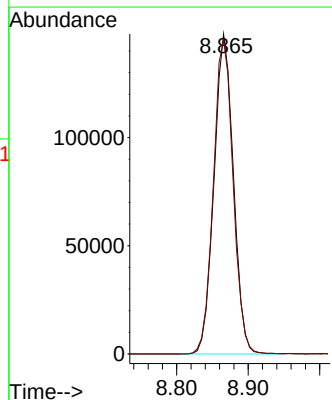
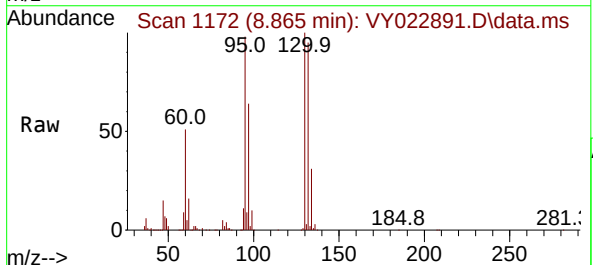
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

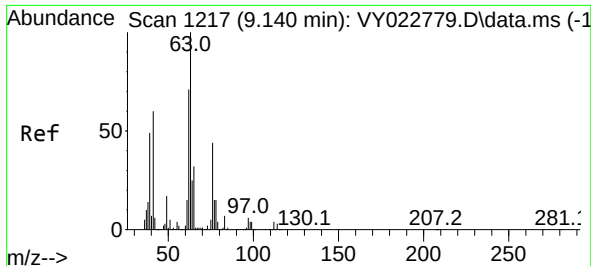
Tgt Ion: 43 Resp: 334915
Ion Ratio Lower Upper
43 100
61 21.2 15.6 23.4
87 13.2 10.2 15.4



#44
Trichloroethene
Concen: 54.028 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

Tgt Ion:130 Resp: 278239
Ion Ratio Lower Upper
130 100
95 98.1 0.0 203.0





#45

1,2-Dichloropropane

Concen: 56.405 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022891.D

Acq: 01 Jul 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

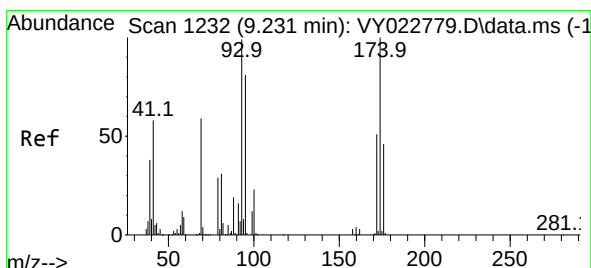
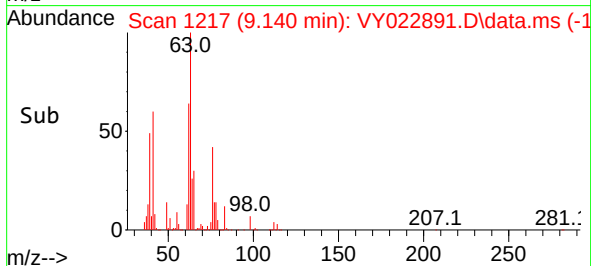
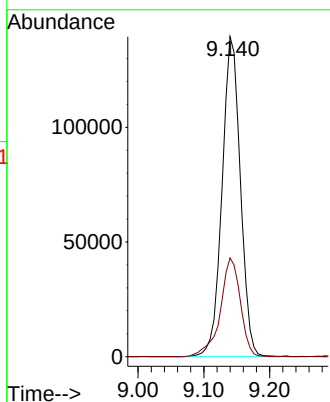
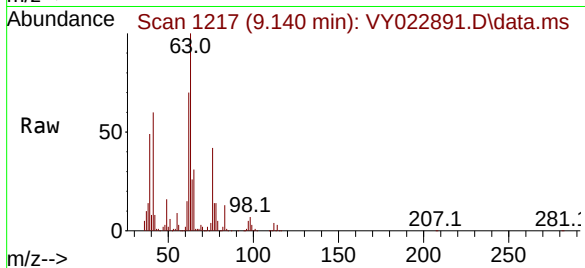
VSTDCCC050

Tgt Ion: 63 Resp: 270780

Ion Ratio Lower Upper

63 100

65 30.8 24.0 36.0



#46

Dibromomethane

Concen: 53.388 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022891.D

Acq: 01 Jul 2025 10:32

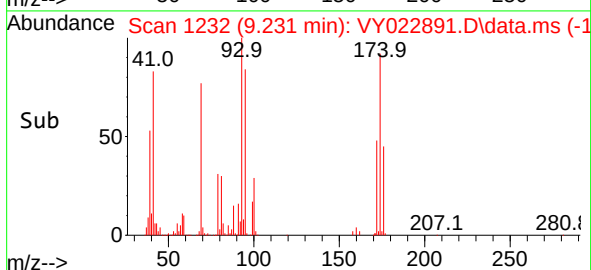
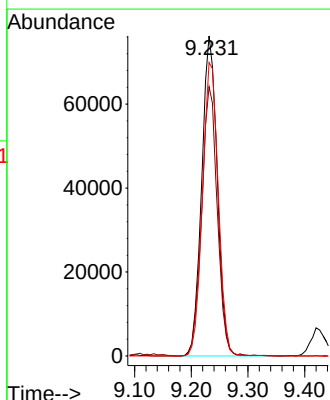
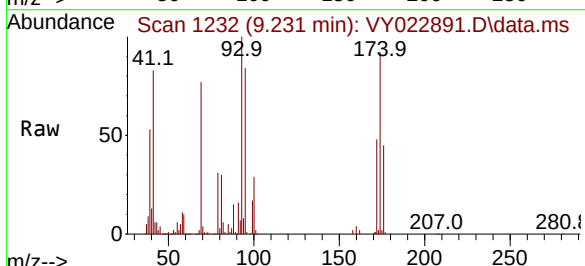
Tgt Ion: 93 Resp: 145493

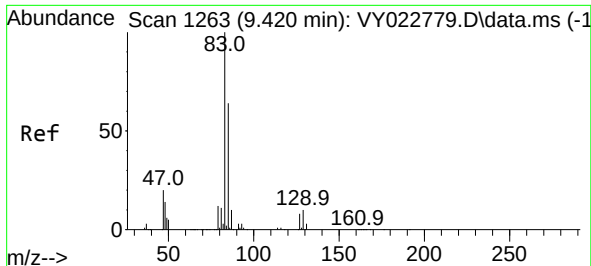
Ion Ratio Lower Upper

93 100

95 84.1 65.6 98.4

174 92.8 70.4 105.6

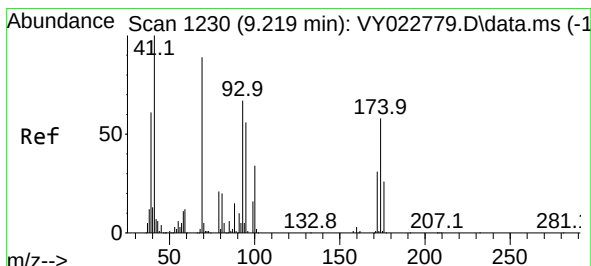
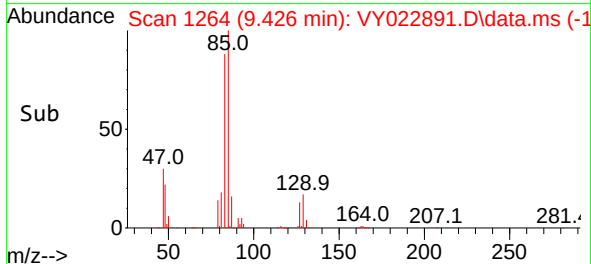
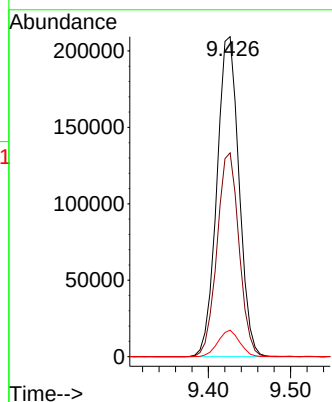
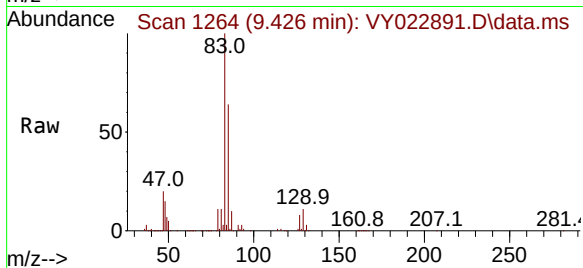




#47
Bromodichloromethane
Concen: 55.793 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

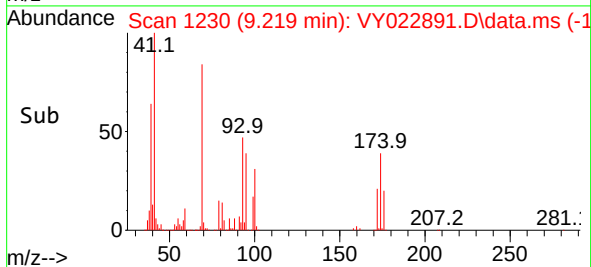
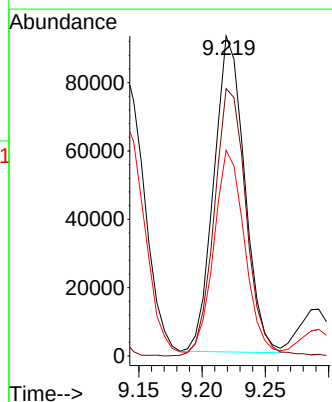
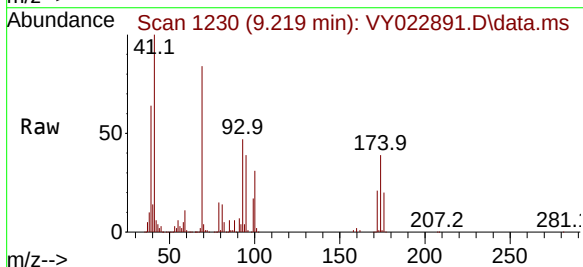
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

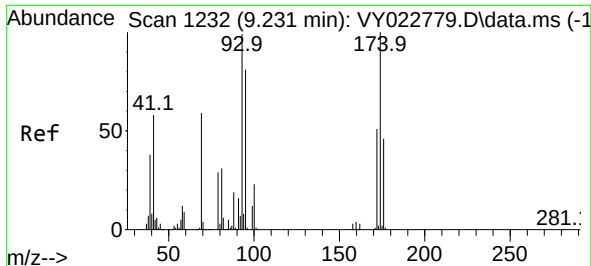
Tgt Ion: 83 Resp: 392078
Ion Ratio Lower Upper
83 100
85 63.7 49.1 73.7
127 8.3 6.2 9.4



#48
Methyl methacrylate
Concen: 54.212 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

Tgt Ion: 41 Resp: 155937
Ion Ratio Lower Upper
41 100
69 88.6 67.8 101.8
39 63.5 55.0 82.4





#49

1,4-Dioxane

Concen: 990.459 ug/l

RT: 9.237 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY022891.D

Acq: 01 Jul 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

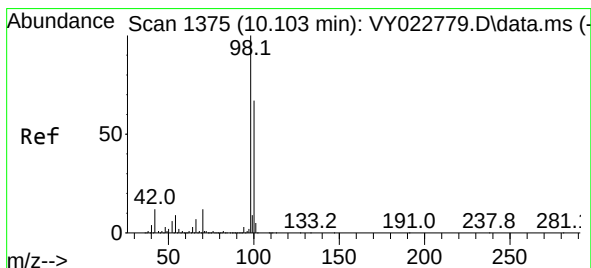
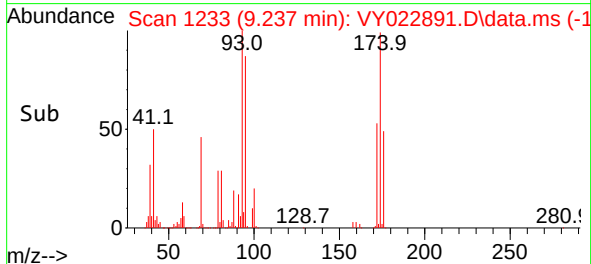
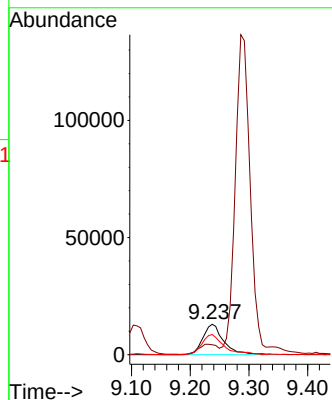
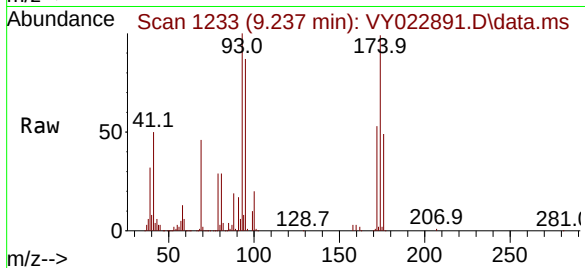
Tgt Ion: 88 Resp: 31890

Ion Ratio Lower Upper

88 100

43 30.3 25.4 38.2

58 70.1 54.9 82.3



#50

Toluene-d8

Concen: 52.084 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022891.D

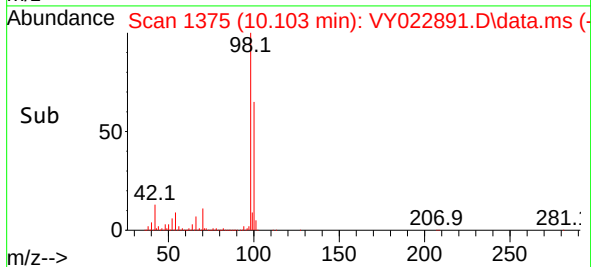
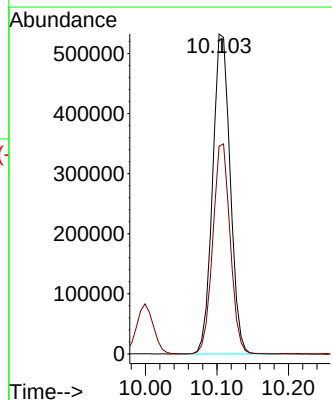
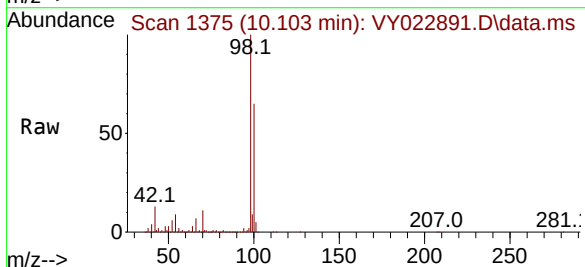
Acq: 01 Jul 2025 10:32

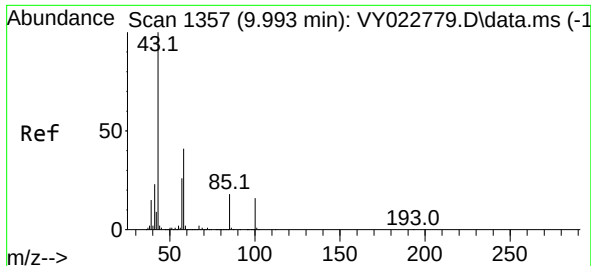
Tgt Ion: 98 Resp: 909677

Ion Ratio Lower Upper

98 100

100 65.0 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 280.406 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. -0.000 min

Lab File: VY022891.D

Acq: 01 Jul 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

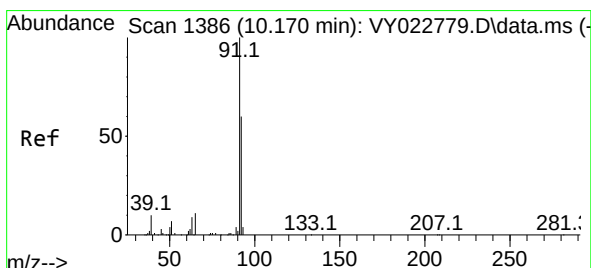
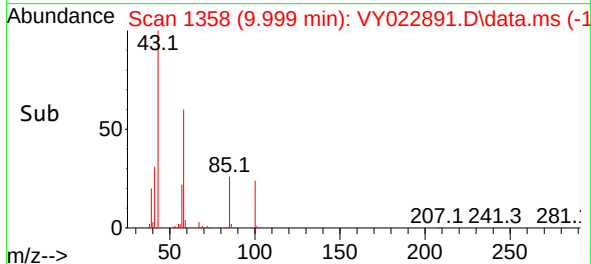
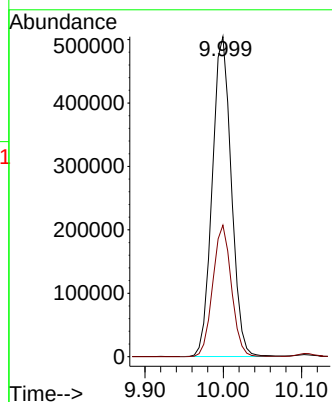
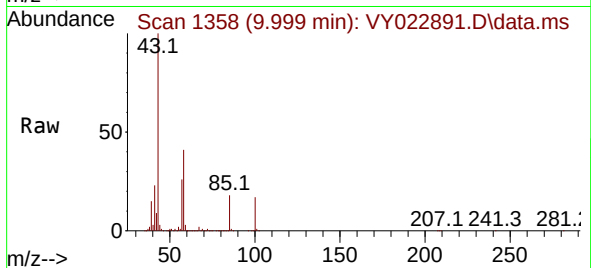
VSTDCCC050

Tgt Ion: 43 Resp: 852601

Ion Ratio Lower Upper

43 100

58 40.2 30.4 45.6



#52

Toluene

Concen: 56.623 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.006 min

Lab File: VY022891.D

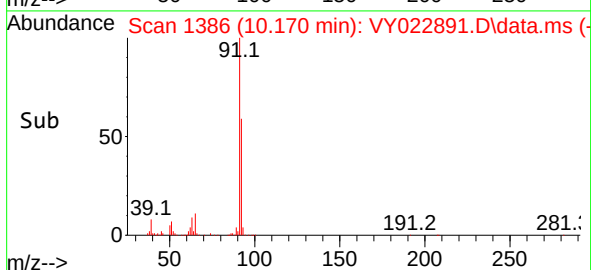
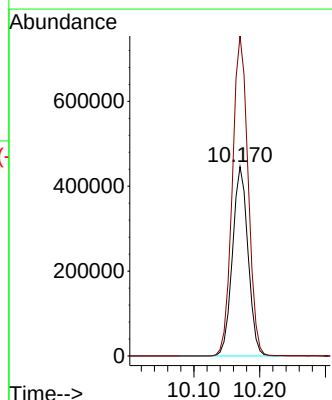
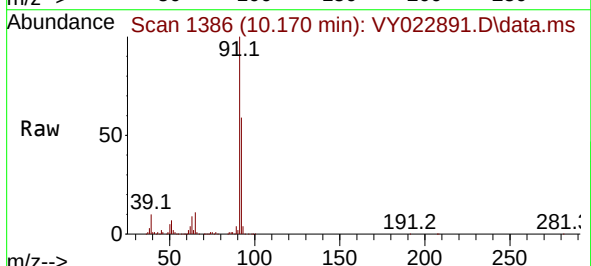
Acq: 01 Jul 2025 10:32

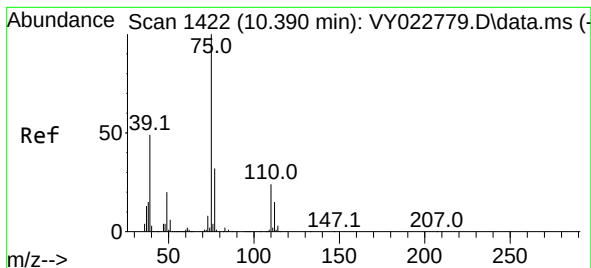
Tgt Ion: 92 Resp: 732726

Ion Ratio Lower Upper

92 100

91 171.7 139.0 208.4

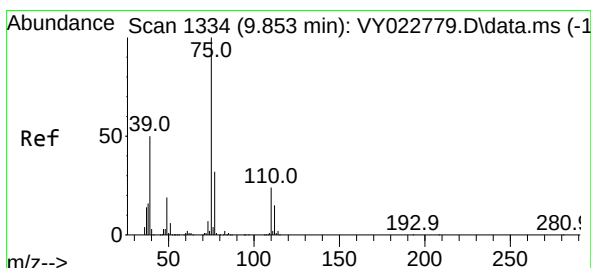
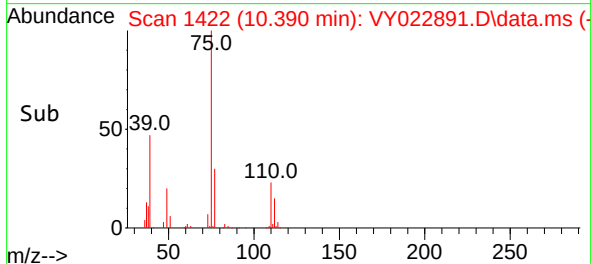
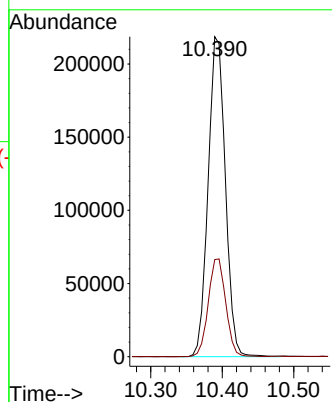
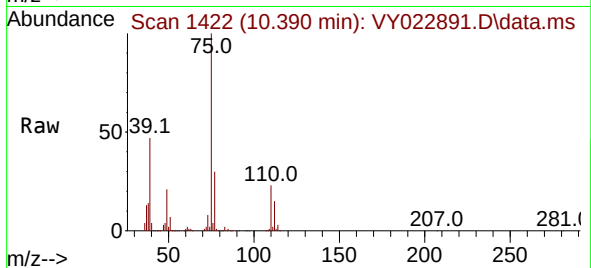




#53
 t-1,3-Dichloropropene
 Concen: 57.856 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.006 min
 Lab File: VY022891.D
 Acq: 01 Jul 2025 10:32

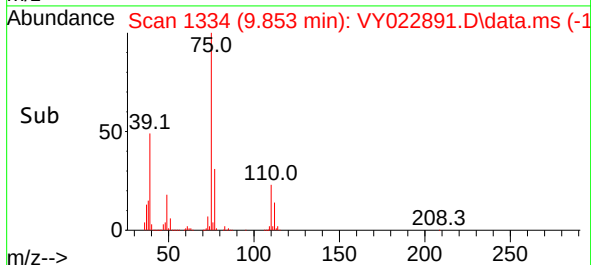
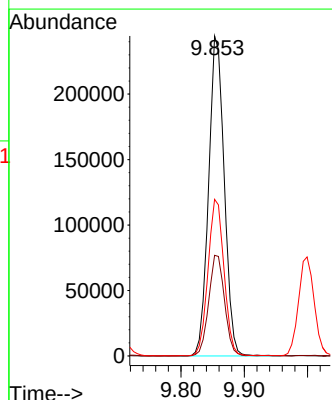
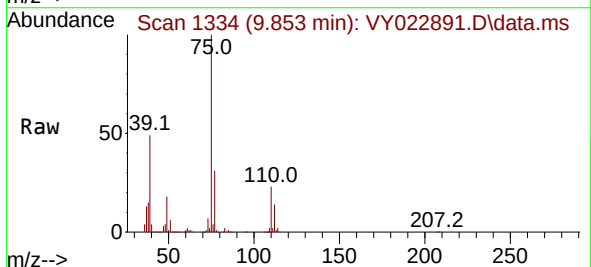
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

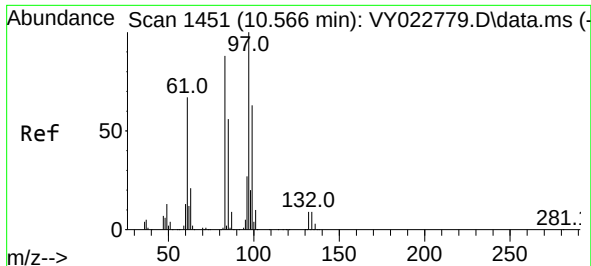
Tgt Ion: 75 Resp: 365810
 Ion Ratio Lower Upper
 75 100
 77 30.3 26.5 39.7



#54
 cis-1,3-Dichloropropene
 Concen: 57.337 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY022891.D
 Acq: 01 Jul 2025 10:32

Tgt Ion: 75 Resp: 420354
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.3 37.9
 39 48.9 42.7 64.1

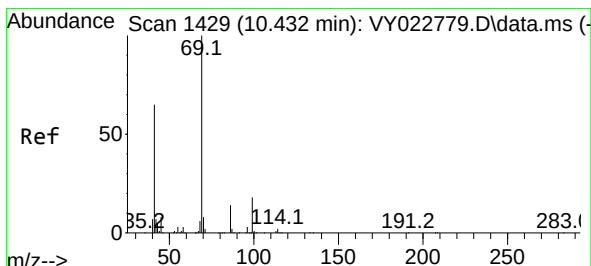
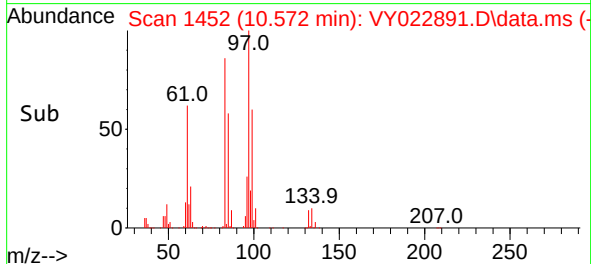
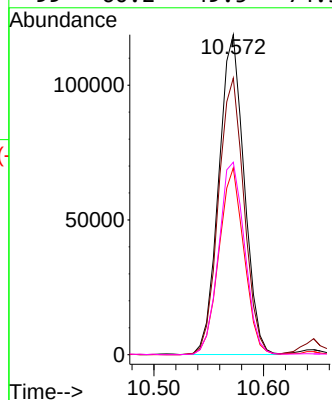
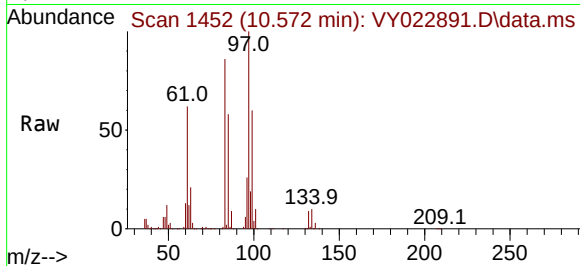




#55
1,1,2-Trichloroethane
Concen: 54.208 ug/l
RT: 10.572 min Scan# 1451
Delta R.T. -0.000 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

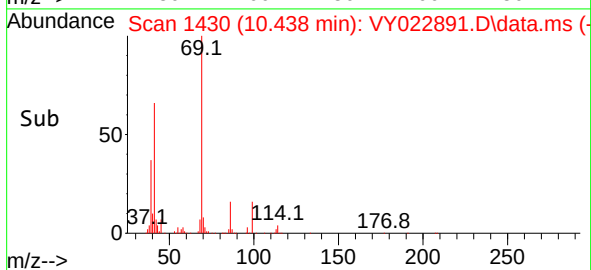
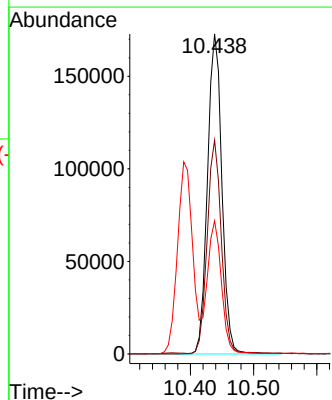
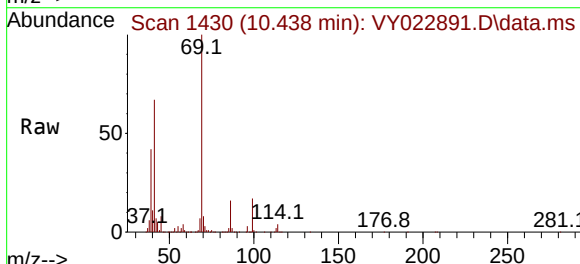
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

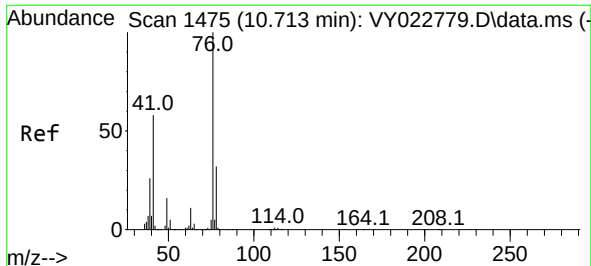
Tgt Ion: 97	Resp: 191290
Ion Ratio	Lower Upper
97 100	
83 86.5	68.1 102.1
85 58.4	48.2 72.2
99 60.2	49.5 74.3



#56
Ethyl methacrylate
Concen: 57.738 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

Tgt Ion: 69	Resp: 274119
Ion Ratio	Lower Upper
69 100	
41 65.2	52.2 78.2
39 40.9	36.7 55.1





#57

1,3-Dichloropropane

Concen: 55.317 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VY022891.D

Acq: 01 Jul 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

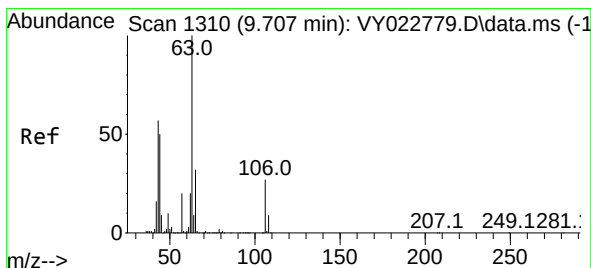
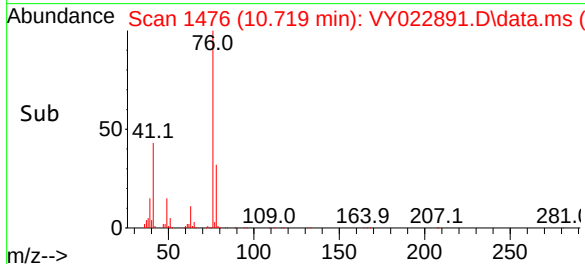
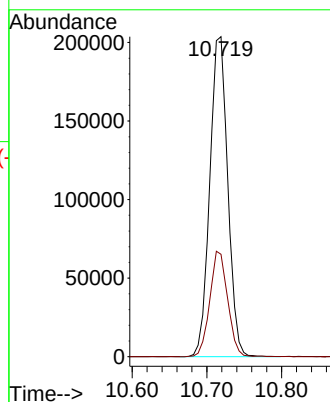
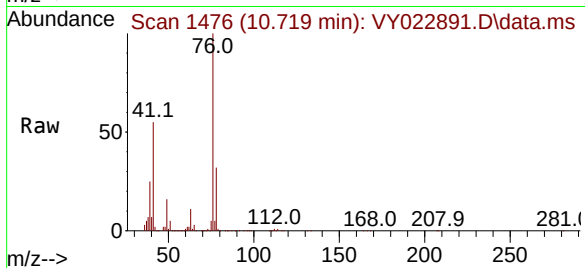
VSTDCCC050

Tgt Ion: 76 Resp: 340574

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 257.649 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY022891.D

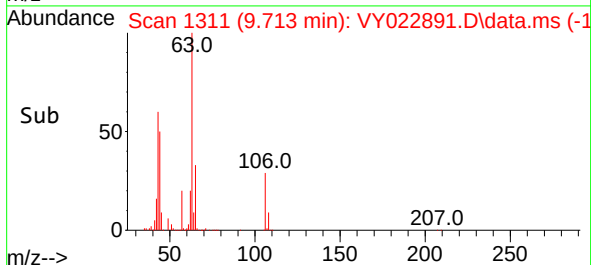
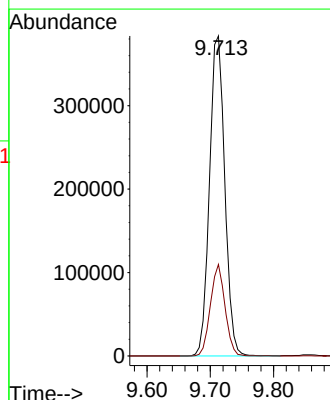
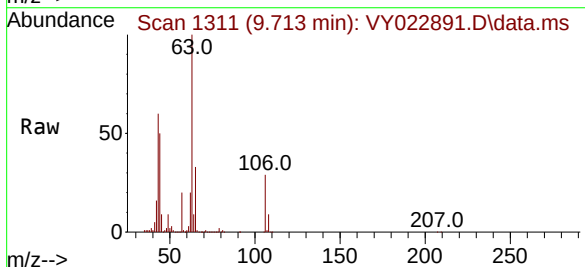
Acq: 01 Jul 2025 10:32

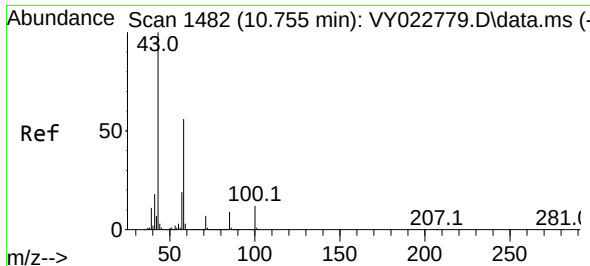
Tgt Ion: 63 Resp: 644190

Ion Ratio Lower Upper

63 100

106 27.3 21.6 32.4

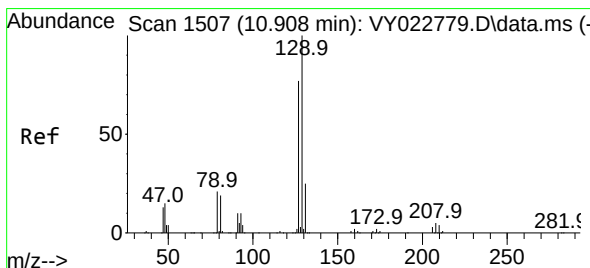
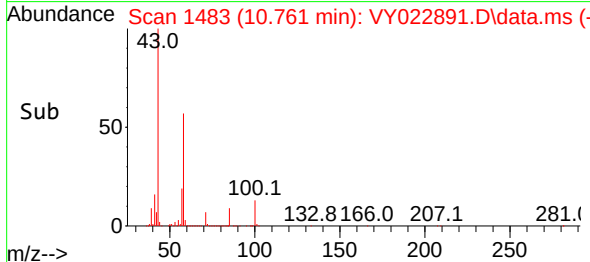
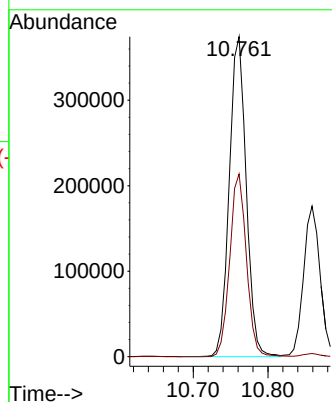
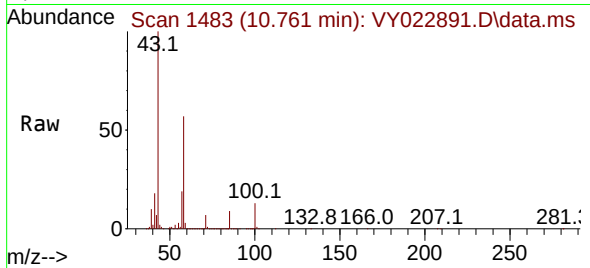




#59
2-Hexanone
Concen: 285.553 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

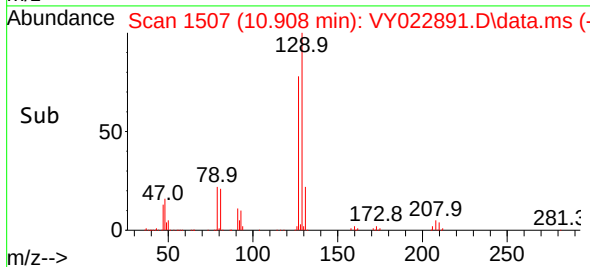
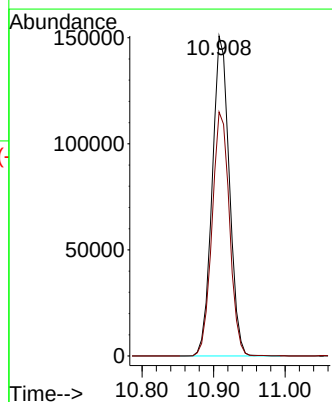
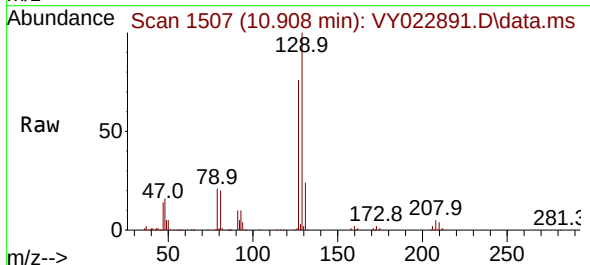
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

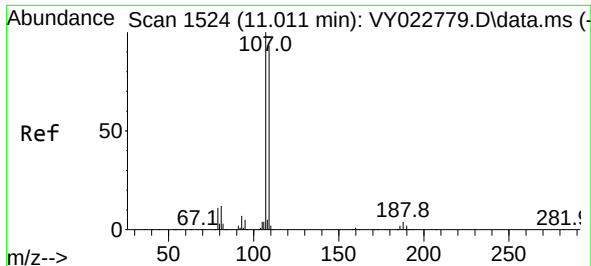
Tgt Ion: 43 Resp: 590302
Ion Ratio Lower Upper
43 100
58 56.3 27.3 81.8



#60
Dibromochloromethane
Concen: 54.910 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

Tgt Ion: 129 Resp: 250286
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.2

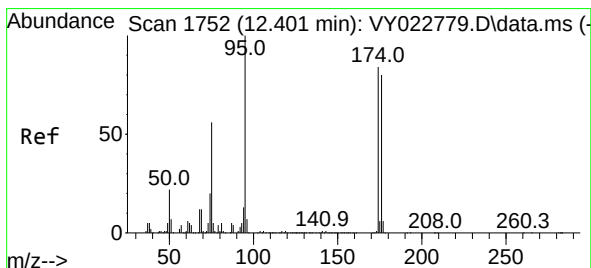
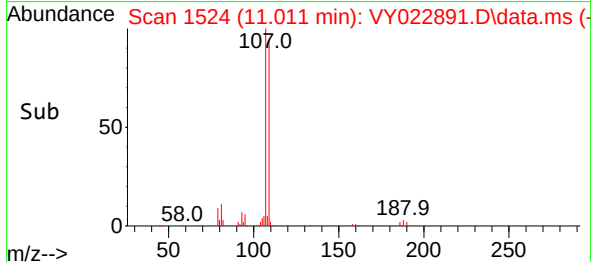
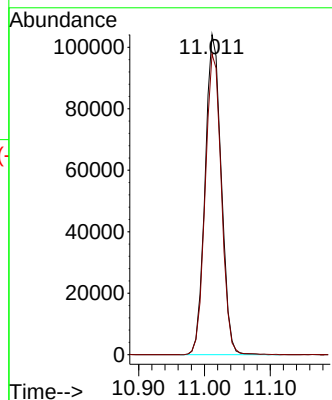
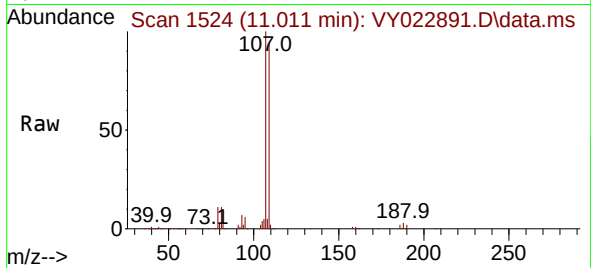




#61
1,2-Dibromoethane
Concen: 53.775 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

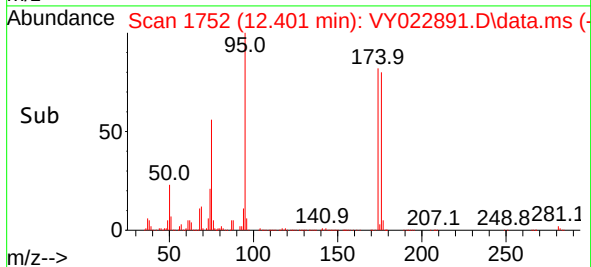
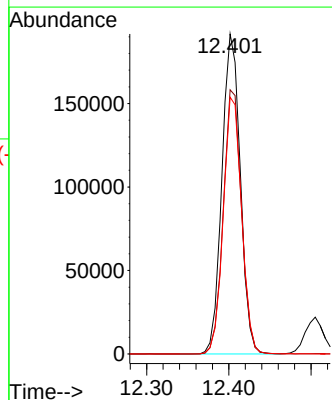
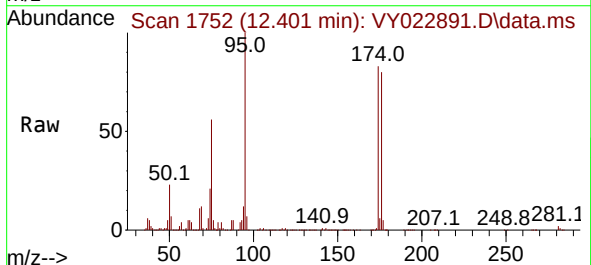
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

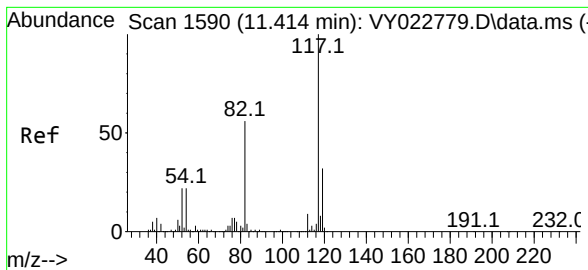
Tgt Ion:107 Resp: 177577
Ion Ratio Lower Upper
107 100
109 94.0 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 53.066 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

Tgt Ion: 95 Resp: 297945
Ion Ratio Lower Upper
95 100
174 81.7 0.0 170.0
176 80.1 0.0 166.2

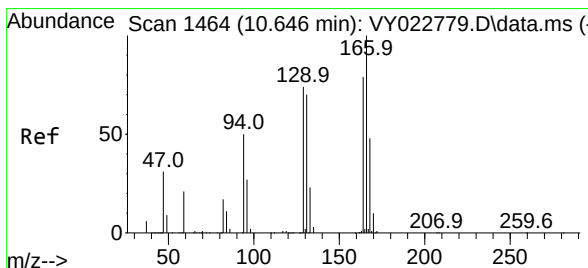
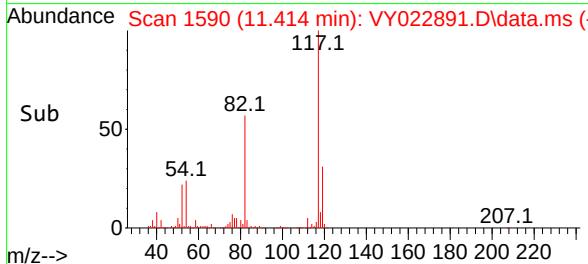
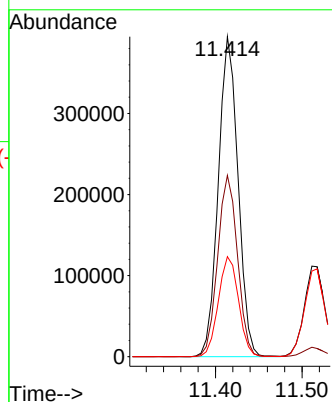
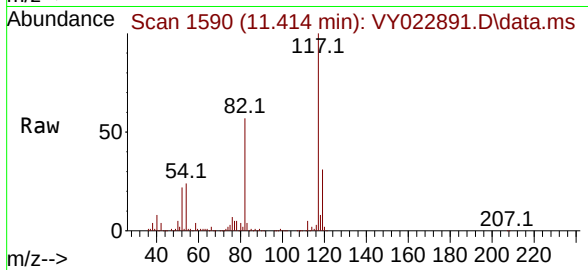




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

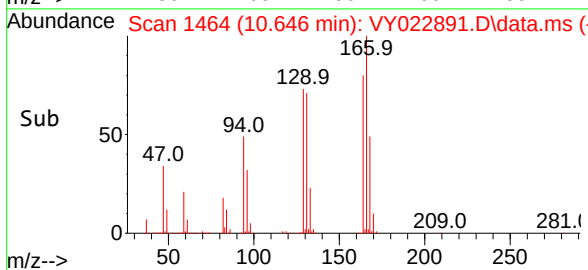
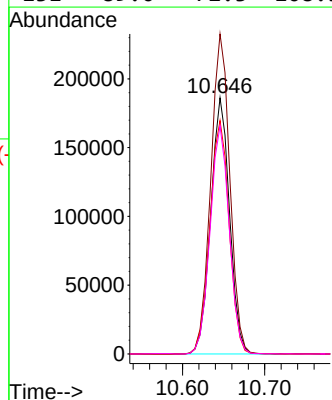
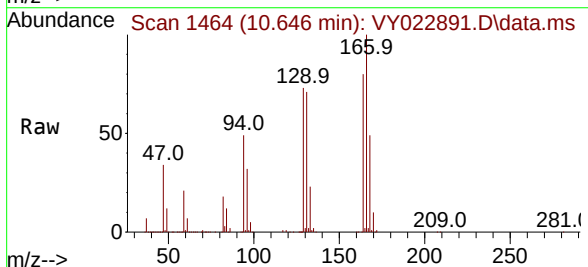
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

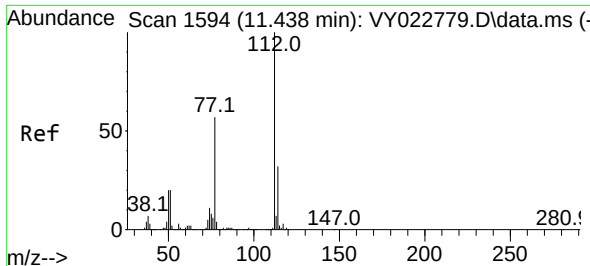
Tgt Ion:117 Resp: 623953
Ion Ratio Lower Upper
117 100
82 56.6 44.6 66.8
119 31.3 25.4 38.0



#64
Tetrachloroethene
Concen: 50.387 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

Tgt Ion:164 Resp: 297003
Ion Ratio Lower Upper
164 100
166 125.0 104.0 156.0
129 91.1 74.5 111.7
131 89.0 72.3 108.5

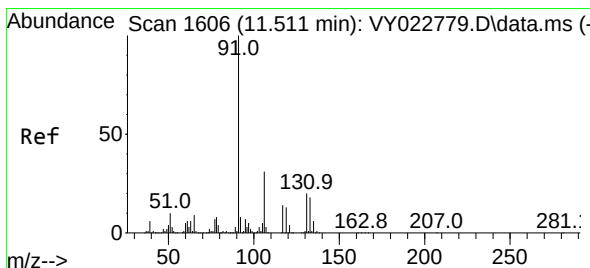
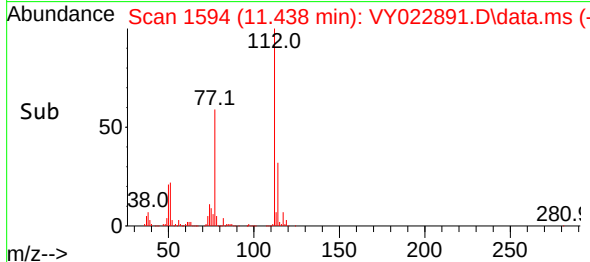
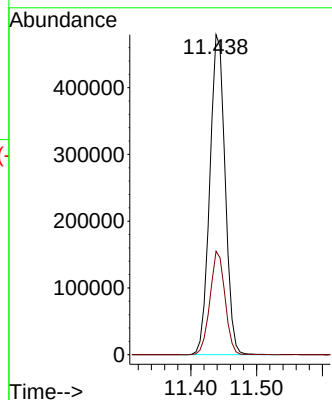
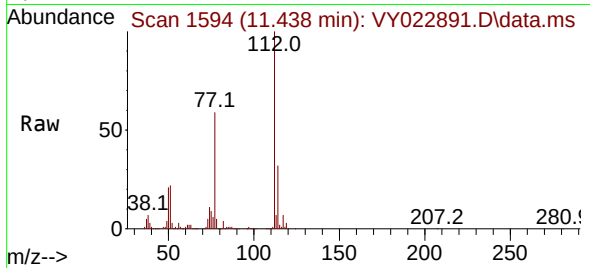




#65
Chlorobenzene
Concen: 56.703 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

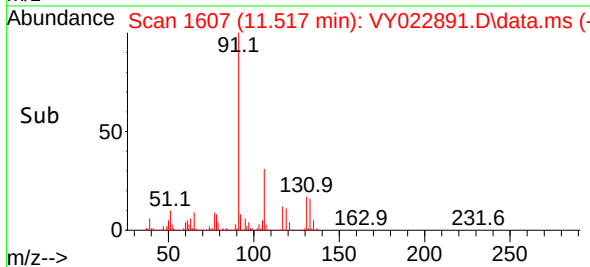
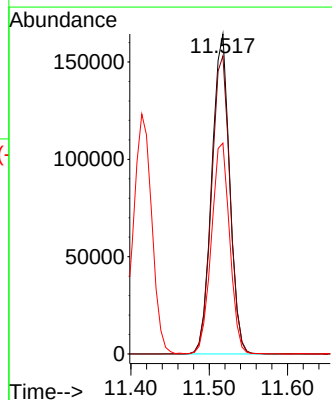
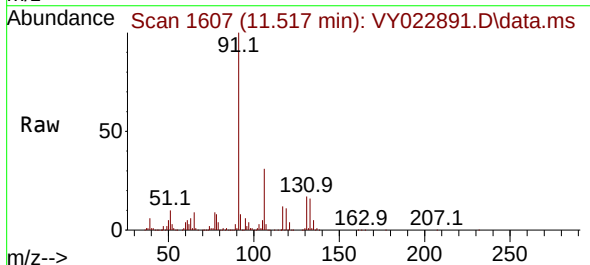
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

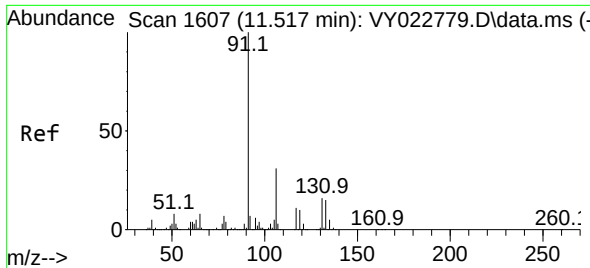
Tgt Ion:112 Resp: 777415
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 56.038 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

Tgt Ion:131 Resp: 260226
Ion Ratio Lower Upper
131 100
133 95.5 47.3 141.8
119 67.7 33.1 99.3

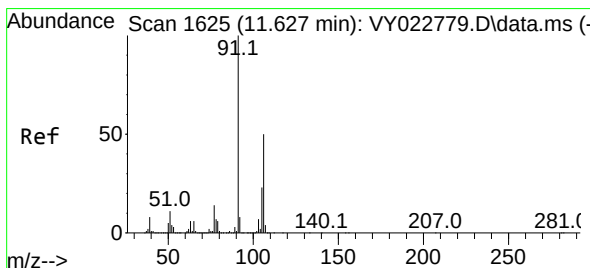
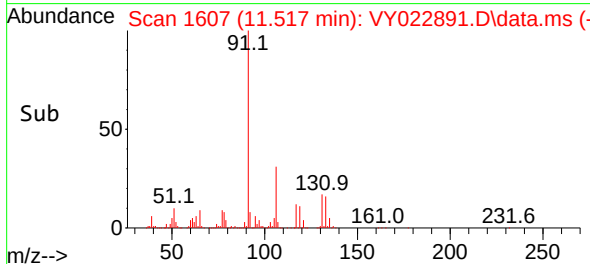
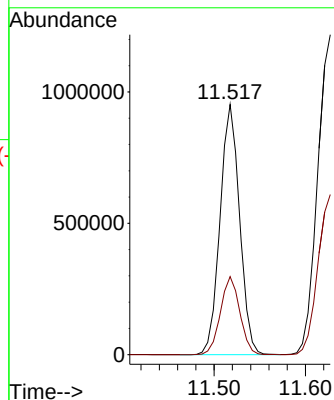
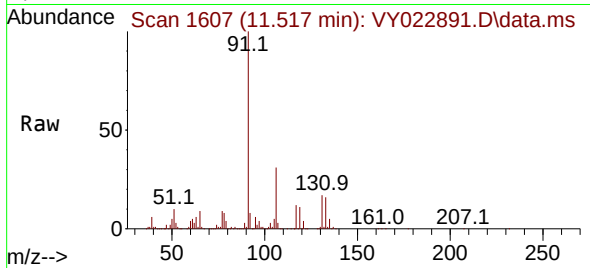




#67
Ethyl Benzene
Concen: 58.764 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

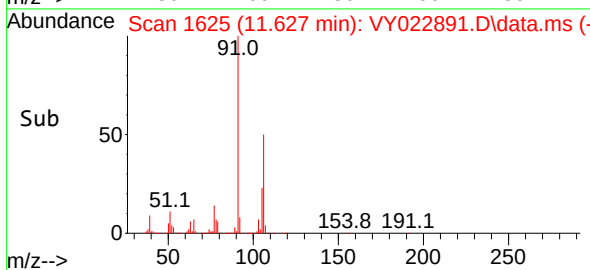
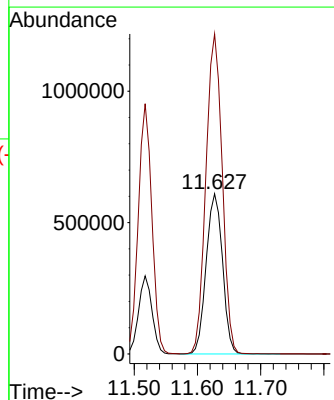
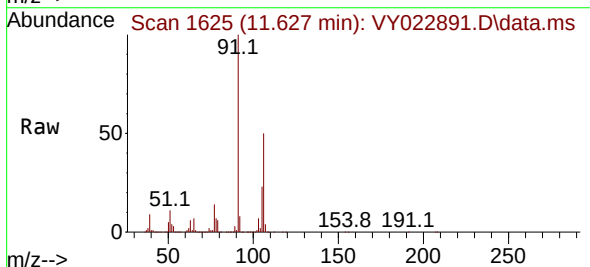
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

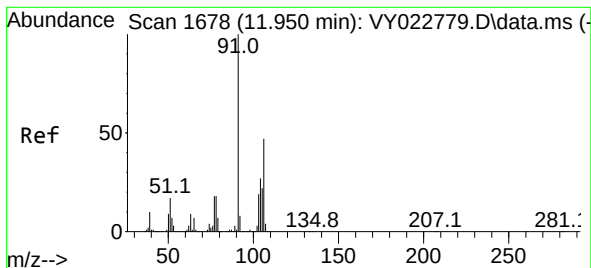
Tgt Ion: 91 Resp: 1415552
Ion Ratio Lower Upper
91 100
106 31.2 24.2 36.4



#68
m/p-Xylenes
Concen: 117.521 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

Tgt Ion:106 Resp: 1094333
Ion Ratio Lower Upper
106 100
91 199.5 159.4 239.0

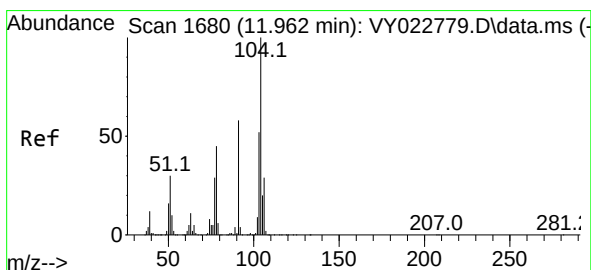
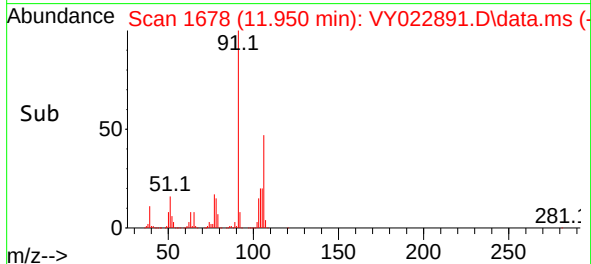
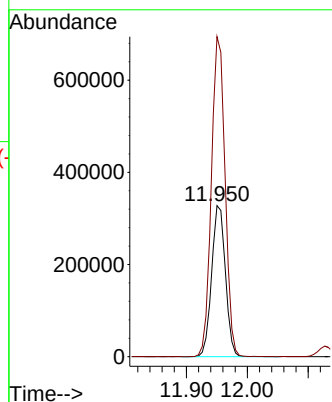
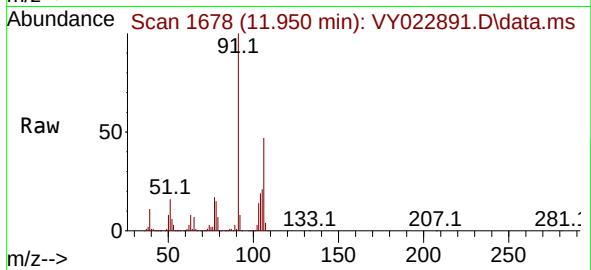




#69
o-Xylene
Concen: 58.557 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

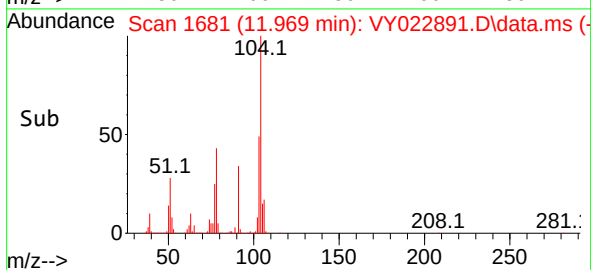
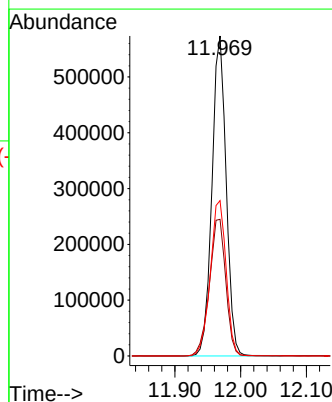
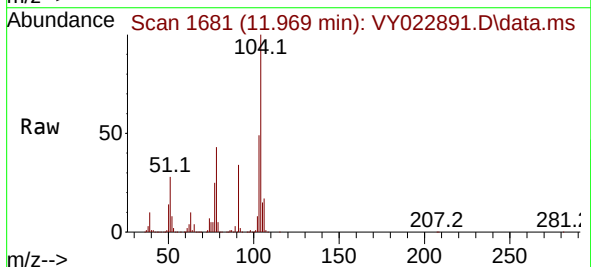
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

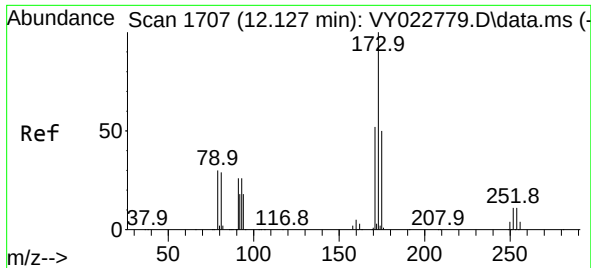
Tgt Ion:106 Resp: 513781
Ion Ratio Lower Upper
106 100
91 210.9 105.8 317.3



#70
Styrene
Concen: 58.730 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

Tgt Ion:104 Resp: 863151
Ion Ratio Lower Upper
104 100
78 49.0 39.5 59.3
103 54.2 44.1 66.1

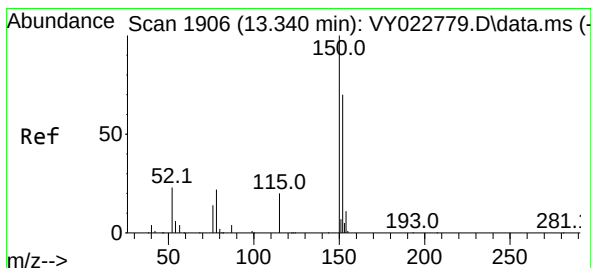
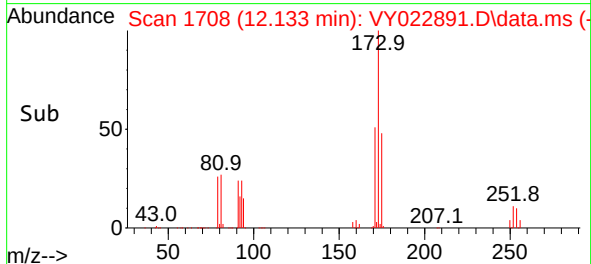
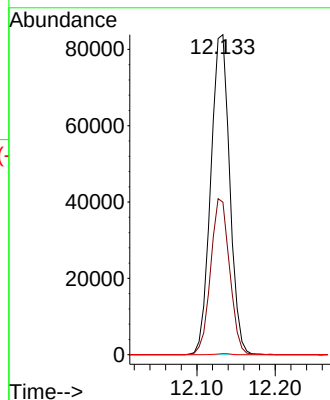
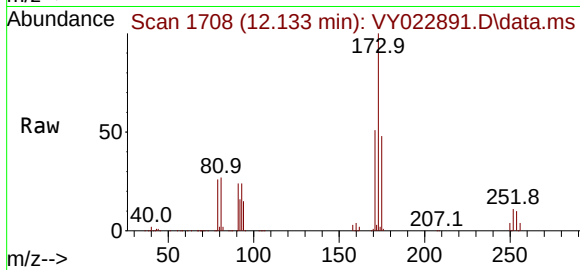




#71
Bromoform
Concen: 54.439 ug/l
RT: 12.133 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

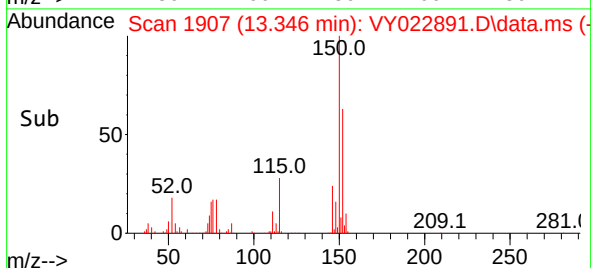
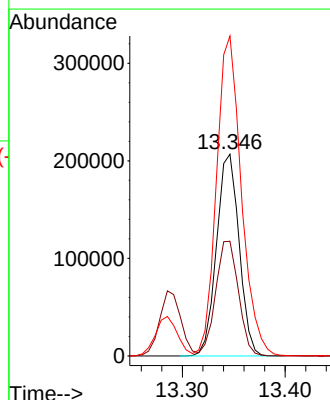
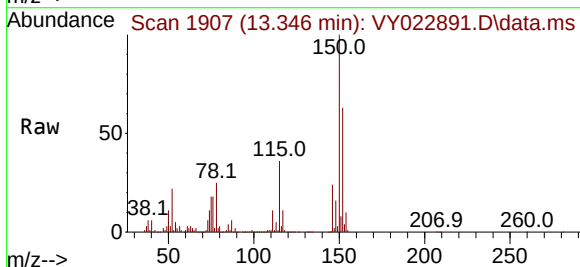
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

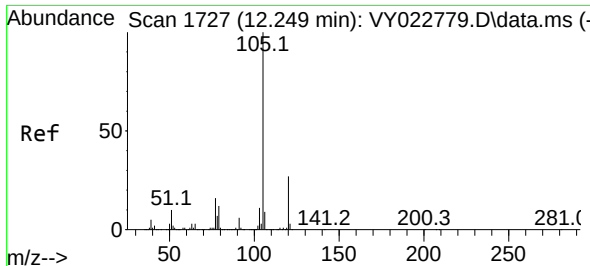
Tgt Ion:173 Resp: 140762
Ion Ratio Lower Upper
173 100
175 48.8 23.8 71.5
254 0.2 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

Tgt Ion:152 Resp: 315665
Ion Ratio Lower Upper
152 100
115 57.3 28.9 86.7
150 174.2 0.0 349.6

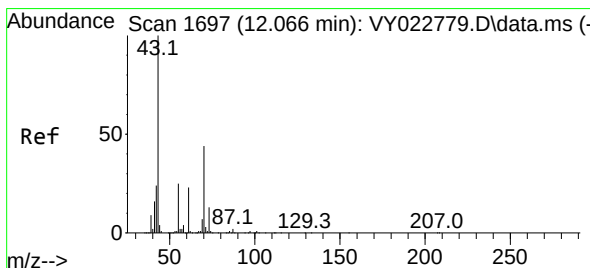
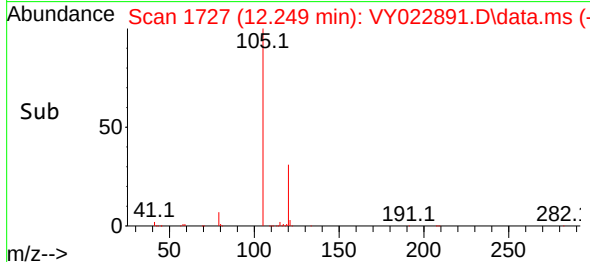
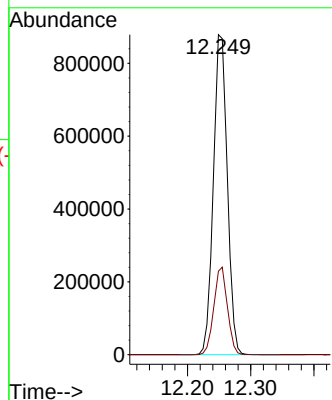
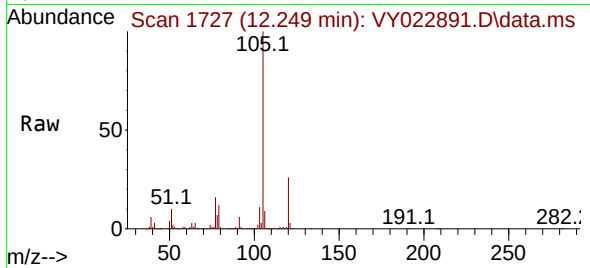




#73
Isopropylbenzene
Concen: 57.513 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. -0.006 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

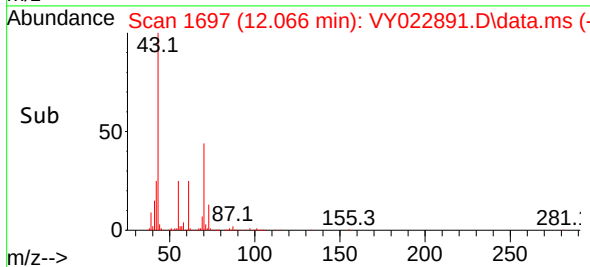
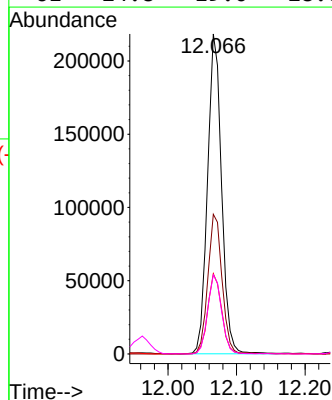
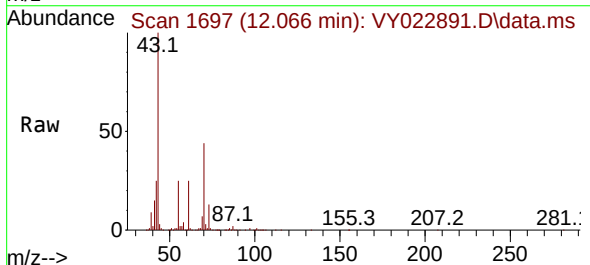
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

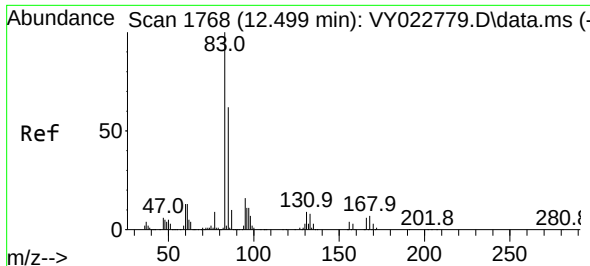
Tgt Ion:105 Resp: 1342670
Ion Ratio Lower Upper
105 100
120 26.7 13.0 38.9



#74
N-ethyl acetate
Concen: 59.339 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

Tgt Ion: 43 Resp: 310947
Ion Ratio Lower Upper
43 100
70 44.4 34.2 51.2
55 25.2 18.2 27.4
61 24.8 19.0 28.6

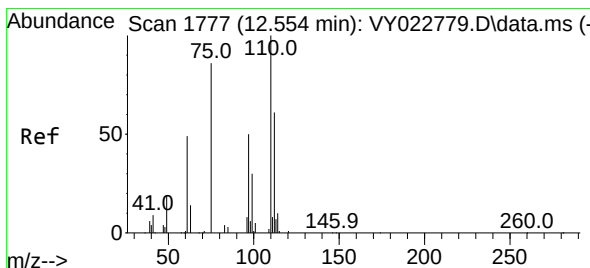
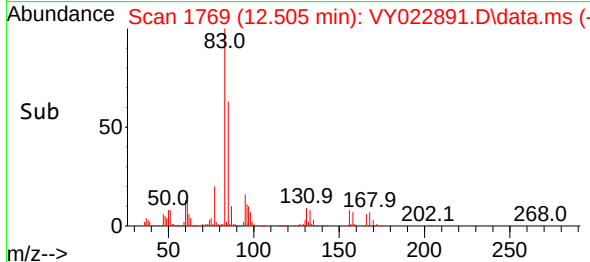
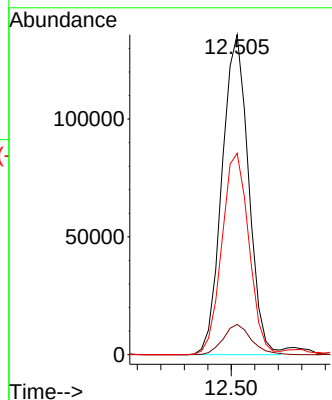
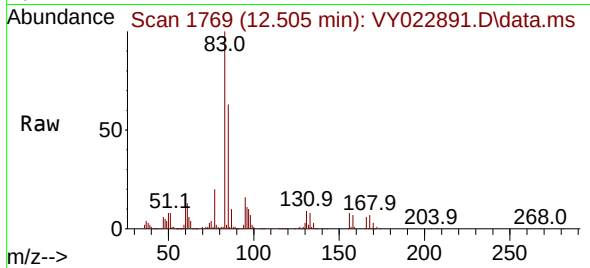




#75
1,1,2,2-Tetrachloroethane
Concen: 56.452 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

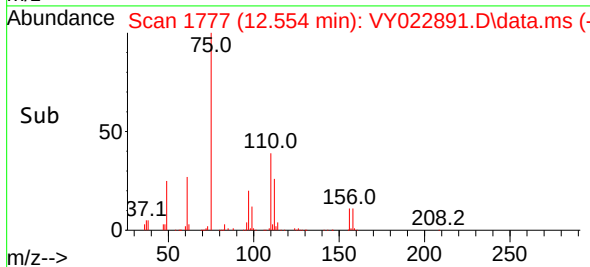
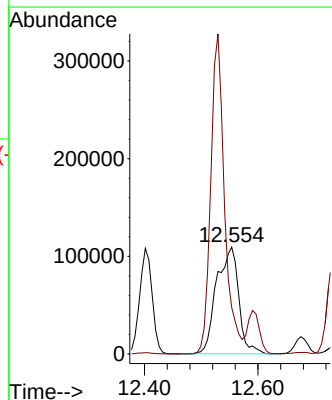
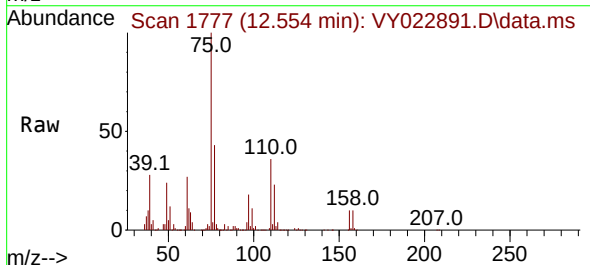
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

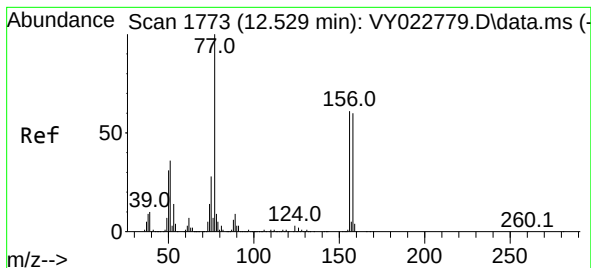
Tgt Ion: 83 Resp: 212401
Ion Ratio Lower Upper
83 100
131 10.0 4.9 14.7
85 64.6 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 92.081 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

Tgt Ion: 75 Resp: 296746
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.959 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY022891.D

Acq: 01 Jul 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

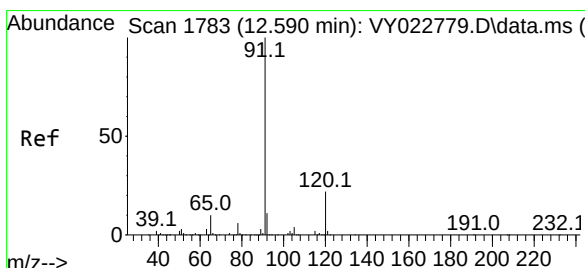
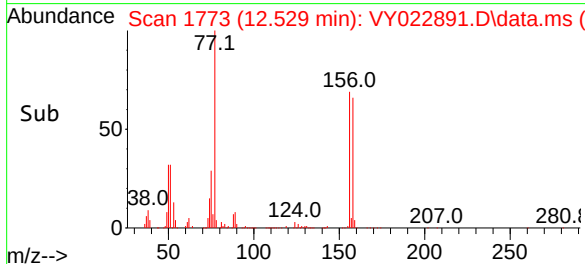
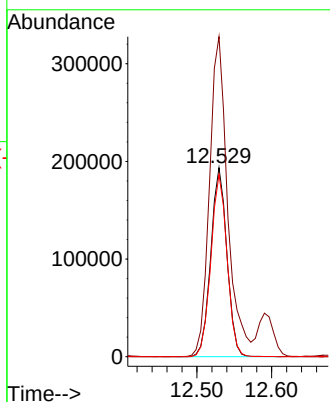
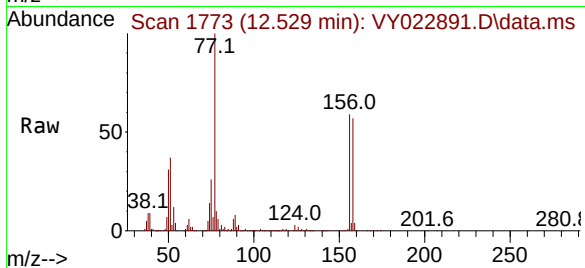
Tgt Ion:156 Resp: 290824

Ion Ratio Lower Upper

156 100

77 190.6 94.0 282.1

158 96.5 48.2 144.6



#78

n-propylbenzene

Concen: 58.492 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022891.D

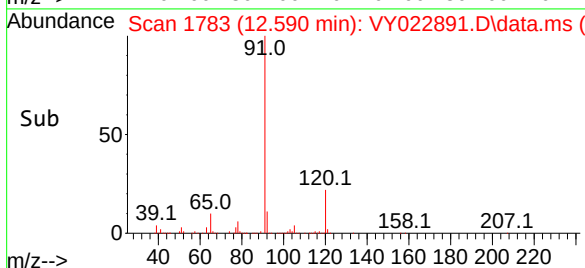
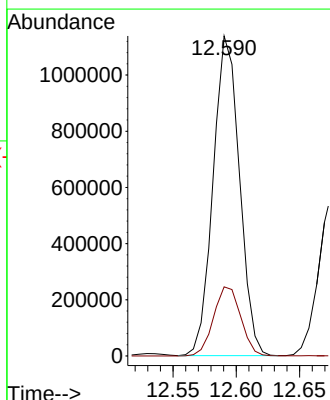
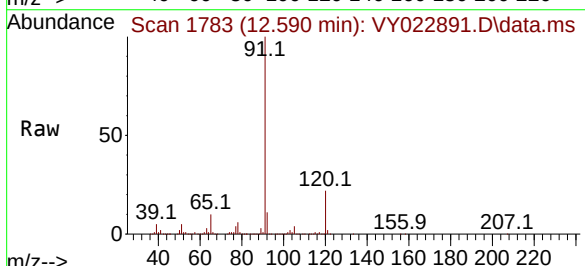
Acq: 01 Jul 2025 10:32

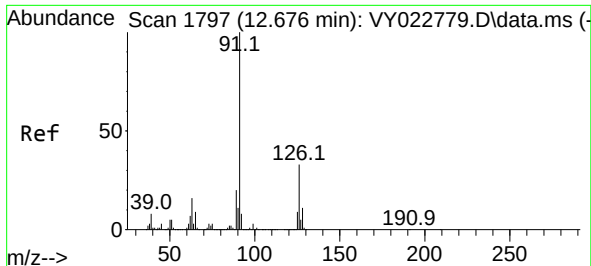
Tgt Ion: 91 Resp: 1648681

Ion Ratio Lower Upper

91 100

120 22.3 10.8 32.4

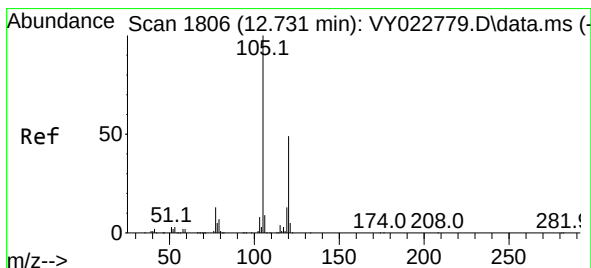
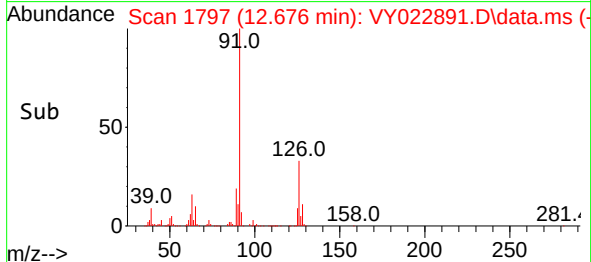
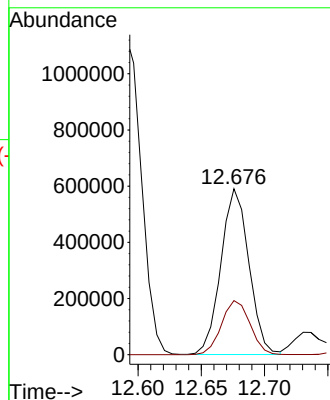
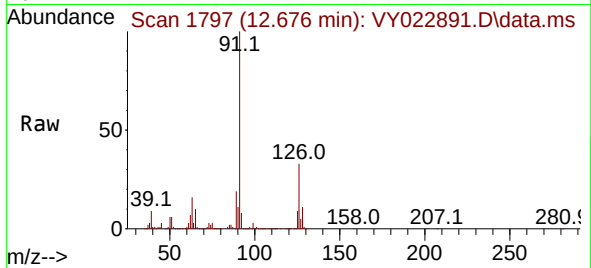




#79
2-Chlorotoluene
Concen: 57.082 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

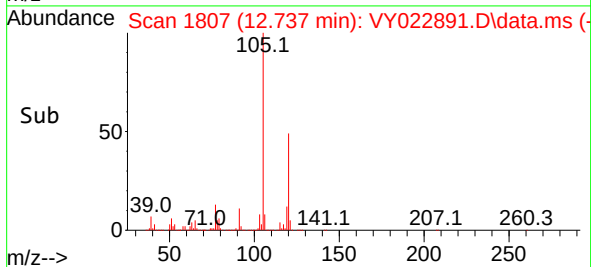
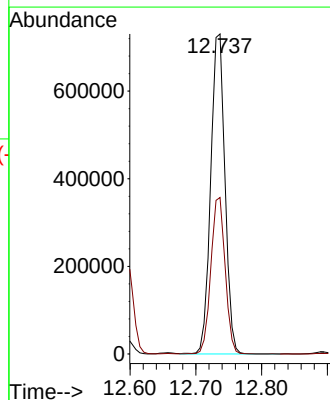
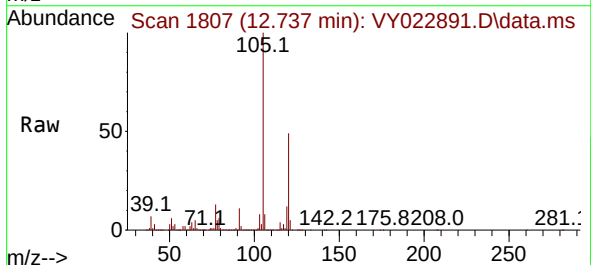
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

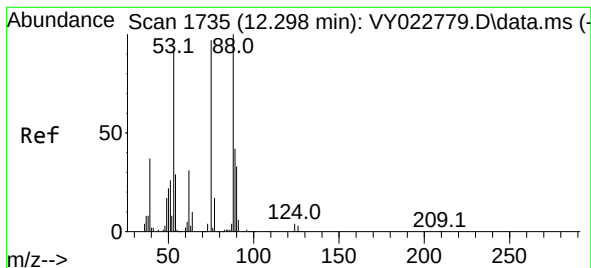
Tgt Ion: 91 Resp: 909020
Ion Ratio Lower Upper
91 100
126 33.3 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 58.392 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

Tgt Ion:105 Resp: 1100453
Ion Ratio Lower Upper
105 100
120 49.0 24.1 72.4

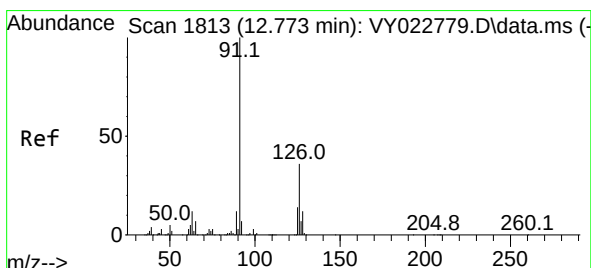
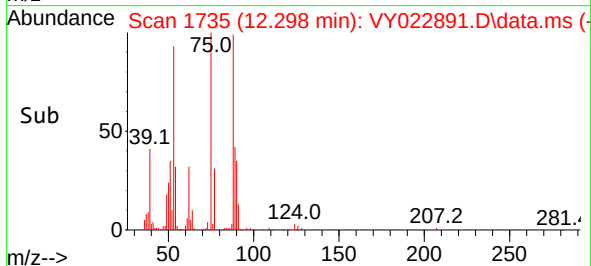
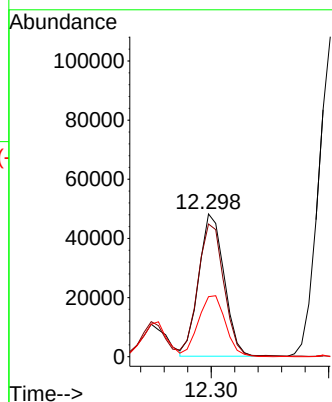
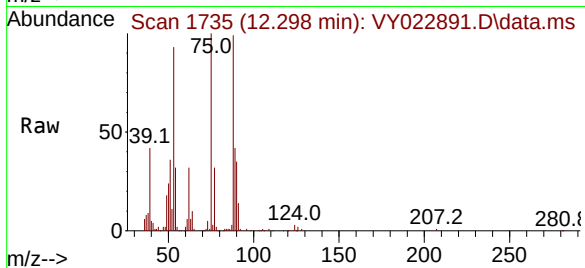




#81
trans-1,4-Dichloro-2-butene
Concen: 56.699 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

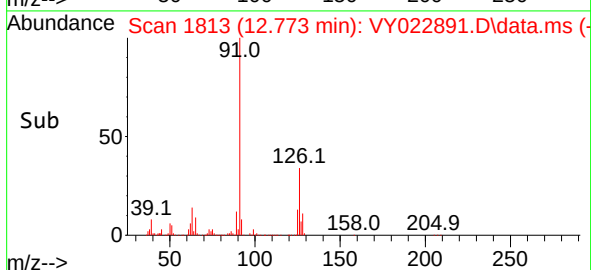
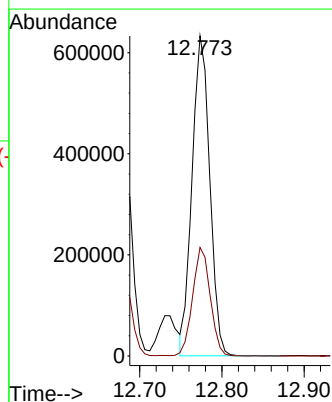
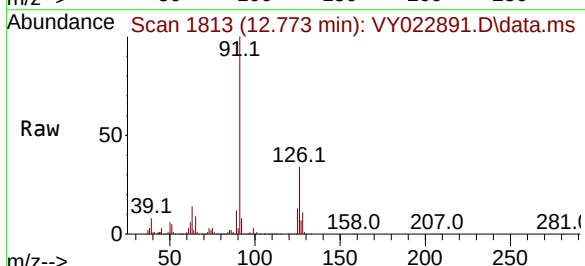
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

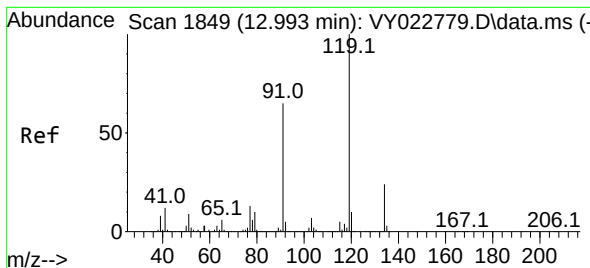
Tgt Ion: 75 Resp: 72325
Ion Ratio Lower Upper
75 100
53 95.4 78.5 117.7
89 45.8 35.7 53.5



#82
4-Chlorotoluene
Concen: 56.557 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

Tgt Ion: 91 Resp: 946044
Ion Ratio Lower Upper
91 100
126 33.8 17.0 50.9





#83

tert-Butylbenzene

Concen: 58.557 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY022891.D

Acq: 01 Jul 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

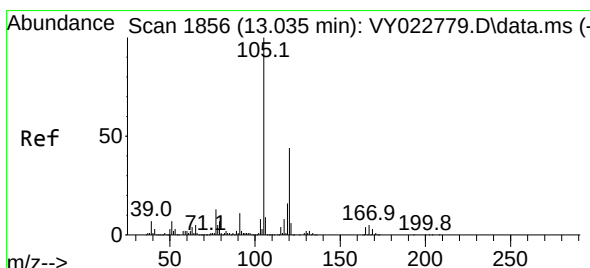
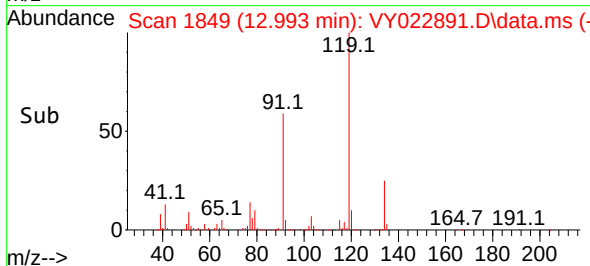
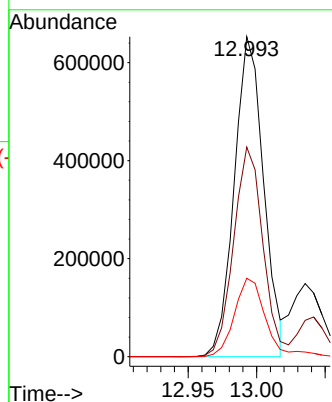
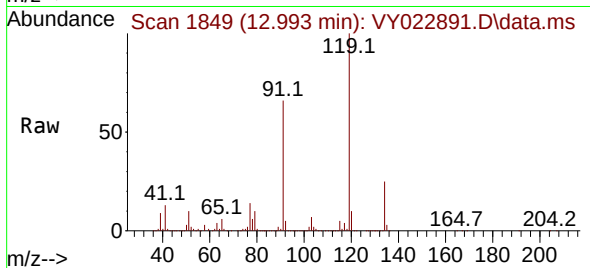
Tgt Ion:119 Resp: 973249

Ion Ratio Lower Upper

119 100

91 65.6 32.1 96.3

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 58.344 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022891.D

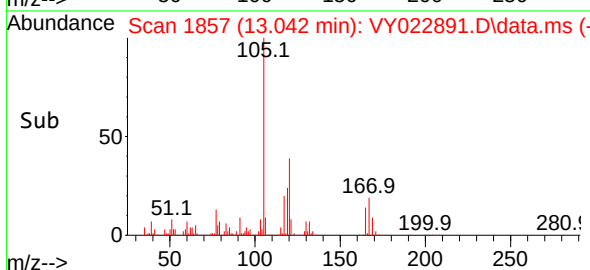
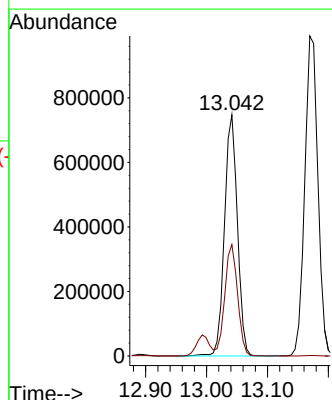
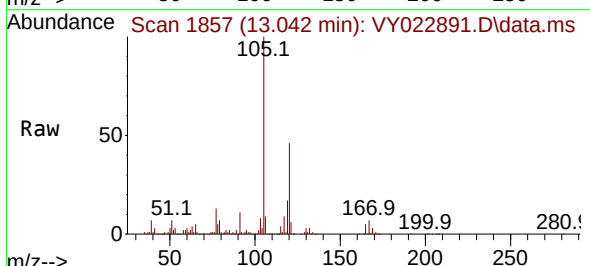
Acq: 01 Jul 2025 10:32

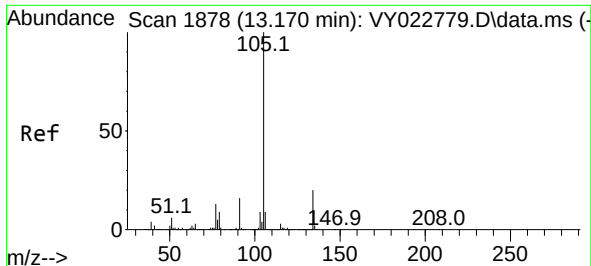
Tgt Ion:105 Resp: 1100862

Ion Ratio Lower Upper

105 100

120 45.8 22.7 68.1

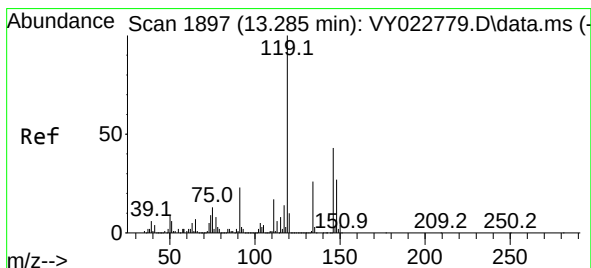
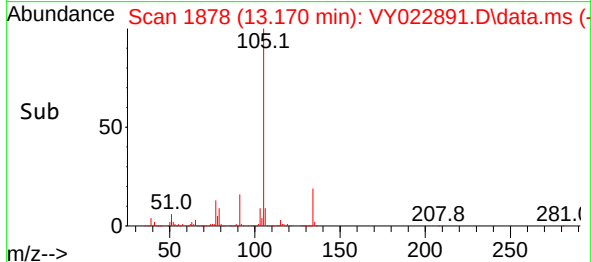
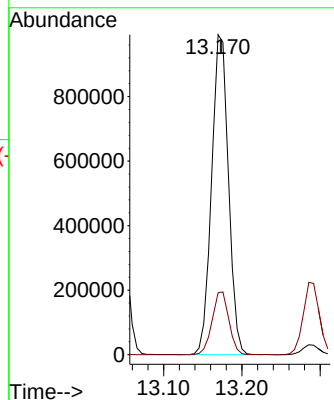
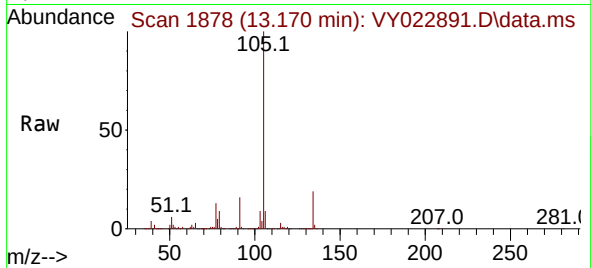




#85
 sec-Butylbenzene
 Concen: 59.220 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. -0.006 min
 Lab File: VY022891.D
 Acq: 01 Jul 2025 10:32

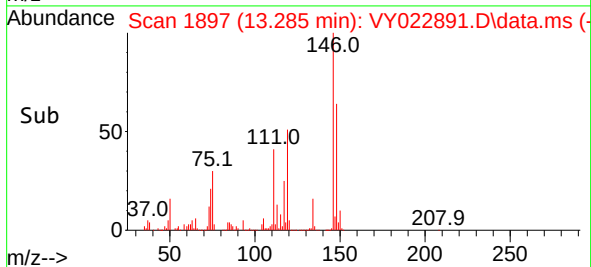
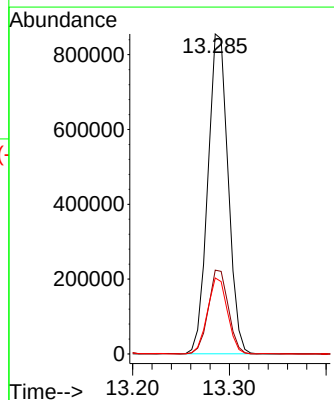
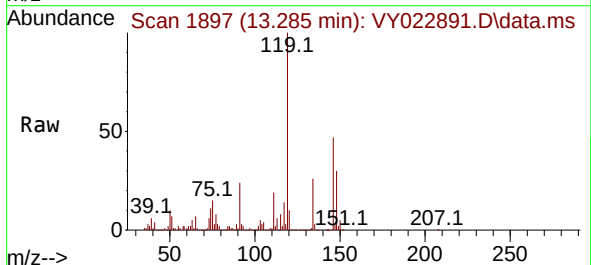
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

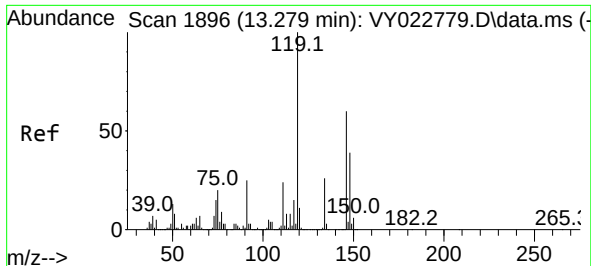
Tgt Ion:105 Resp: 1480916
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 59.801 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.006 min
 Lab File: VY022891.D
 Acq: 01 Jul 2025 10:32

Tgt Ion:119 Resp: 1244473
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.1
 91 23.5 11.6 34.8

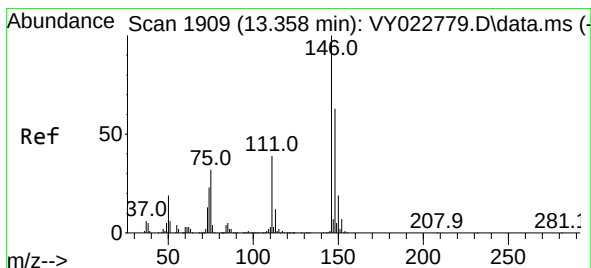
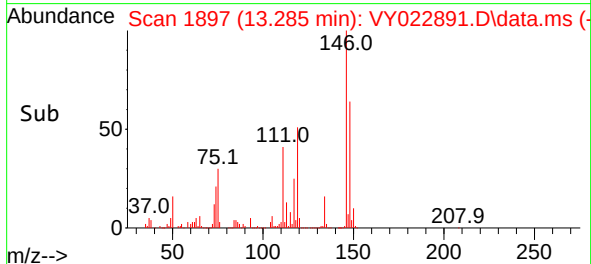
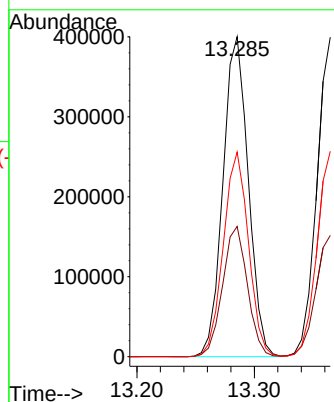
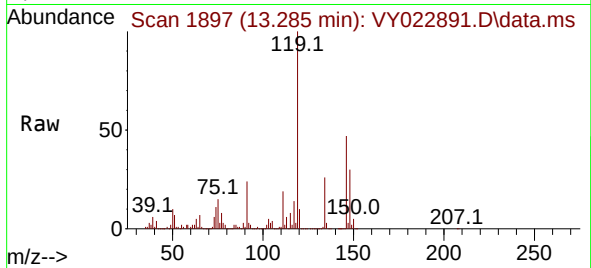




#87
 1,3-Dichlorobenzene
 Concen: 56.430 ug/l
 RT: 13.285 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY022891.D
 Acq: 01 Jul 2025 10:32

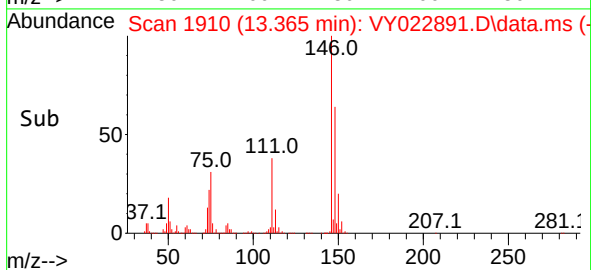
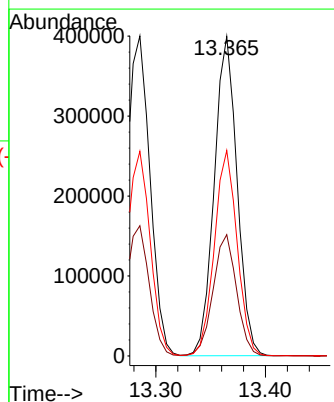
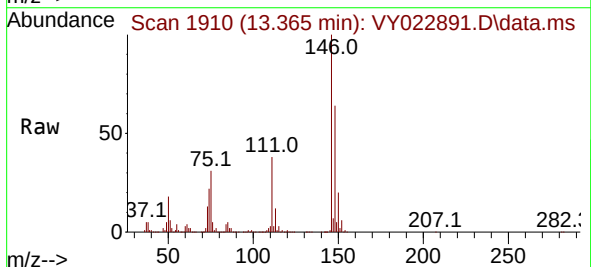
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

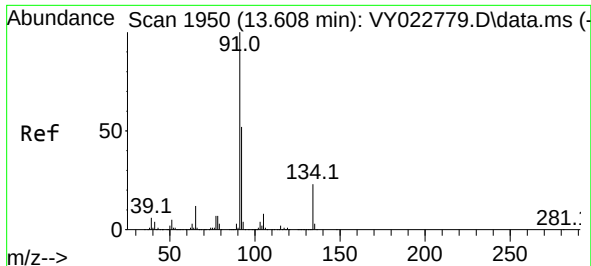
Tgt Ion:146 Resp: 599706
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.1 60.2
 148 63.5 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 54.863 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY022891.D
 Acq: 01 Jul 2025 10:32

Tgt Ion:146 Resp: 579169
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.4 58.2
 148 64.2 31.6 94.8

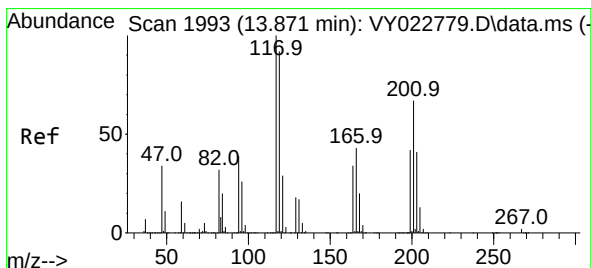
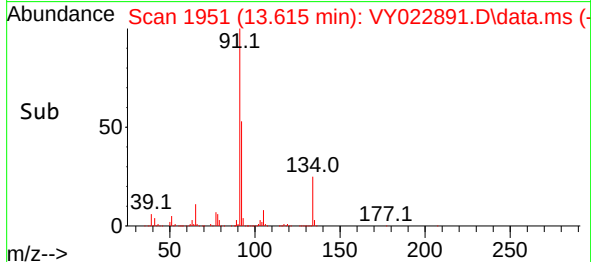
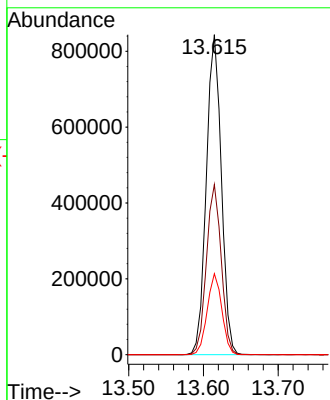
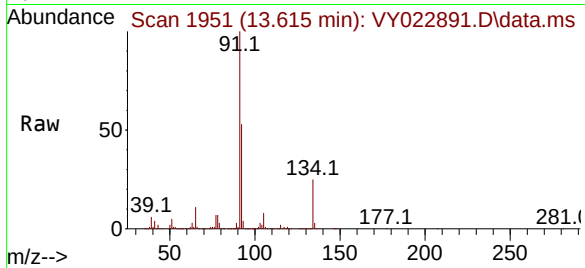




#89
n-Butylbenzene
Concen: 60.121 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

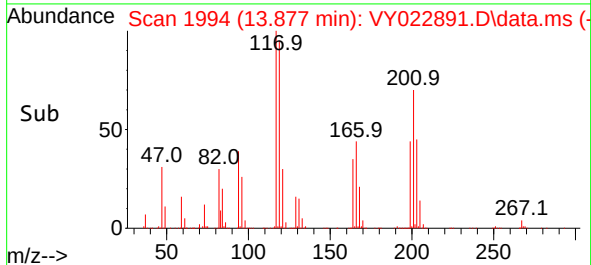
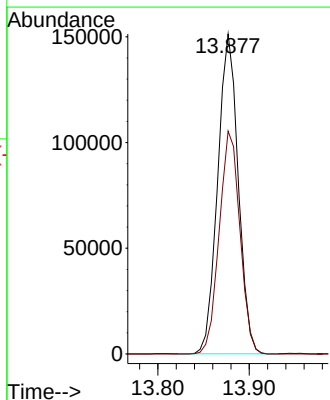
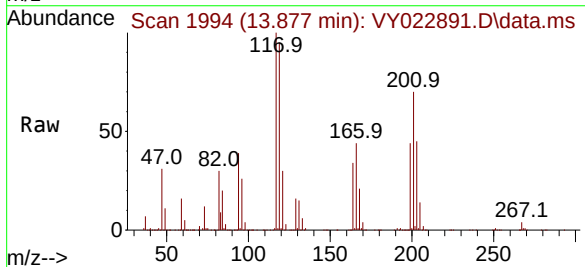
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

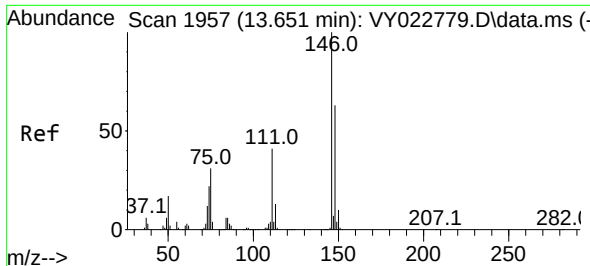
Tgt Ion: 91 Resp: 1176870
Ion Ratio Lower Upper
91 100
92 52.6 25.9 77.8
134 24.7 12.0 36.1



#90
Hexachloroethane
Concen: 56.852 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

Tgt Ion: 117 Resp: 235640
Ion Ratio Lower Upper
117 100
201 70.5 34.0 102.0

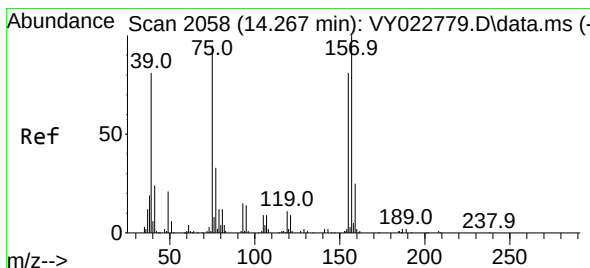
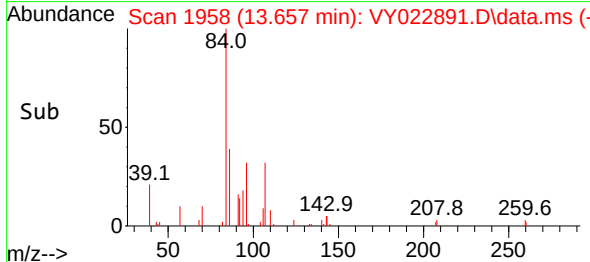
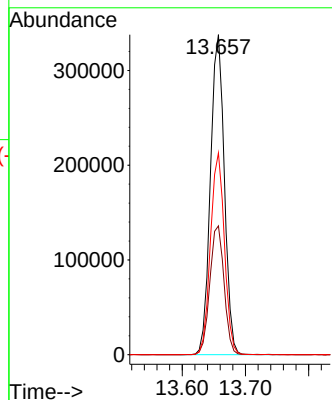
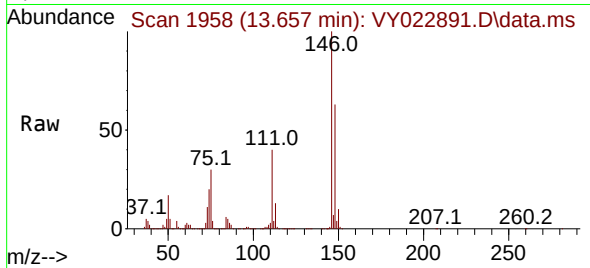




#91
1,2-Dichlorobenzene
Concen: 55.174 ug/l
RT: 13.657 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

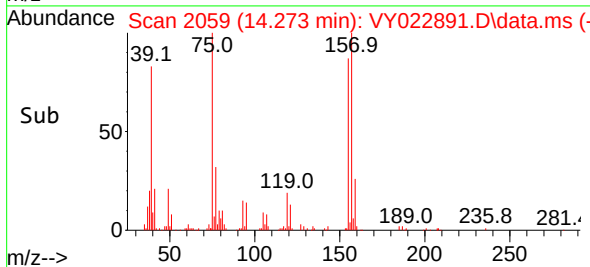
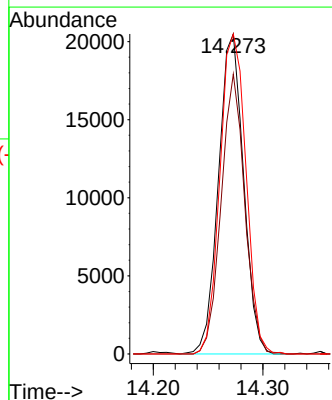
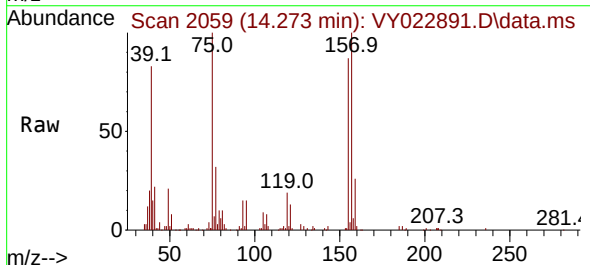
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

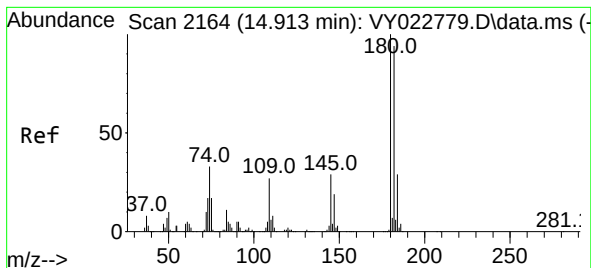
Tgt Ion:146 Resp: 516734
Ion Ratio Lower Upper
146 100
111 41.3 20.2 60.6
148 63.2 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.046 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022891.D
Acq: 01 Jul 2025 10:32

Tgt Ion: 75 Resp: 32570
Ion Ratio Lower Upper
75 100
155 82.3 39.9 119.6
157 103.7 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 53.498 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022891.D

Acq: 01 Jul 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

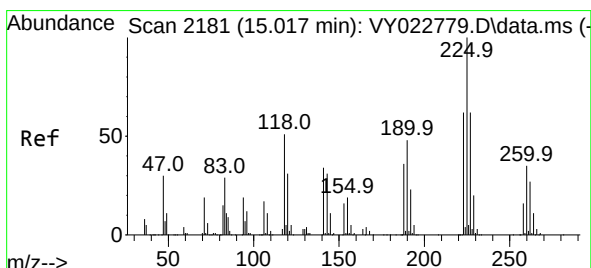
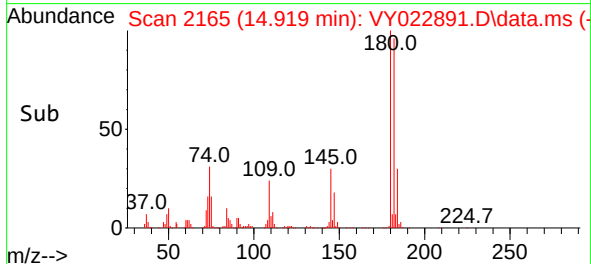
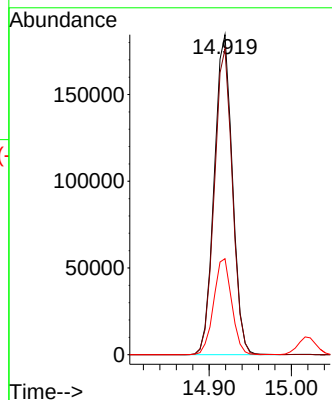
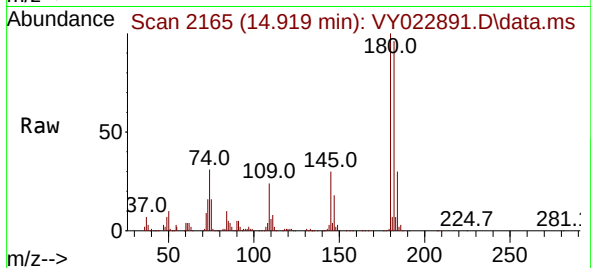
Tgt Ion:180 Resp: 282885

Ion Ratio Lower Upper

180 100

182 95.0 48.4 145.3

145 29.9 15.5 46.5



#94

Hexachlorobutadiene

Concen: 52.448 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022891.D

Acq: 01 Jul 2025 10:32

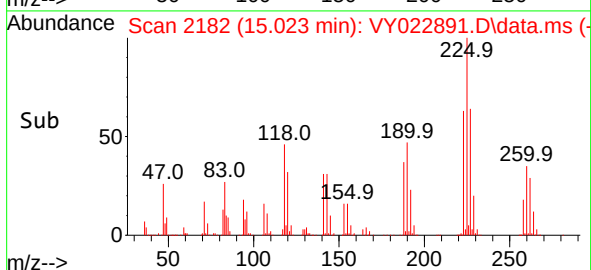
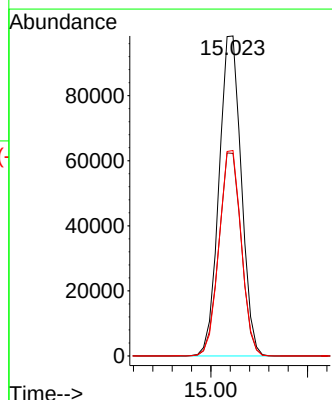
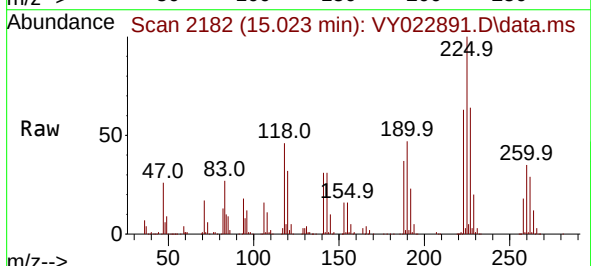
Tgt Ion:225 Resp: 156829

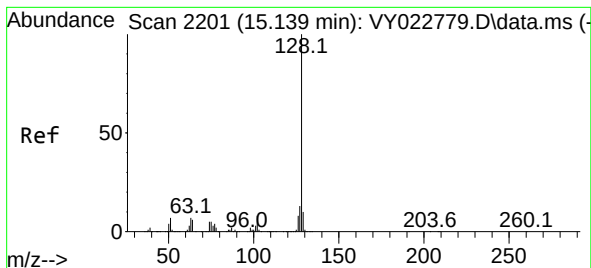
Ion Ratio Lower Upper

225 100

223 63.7 32.5 97.4

227 64.2 32.3 96.9





#95

Naphthalene

Concen: 52.263 ug/l

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY022891.D

Acq: 01 Jul 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

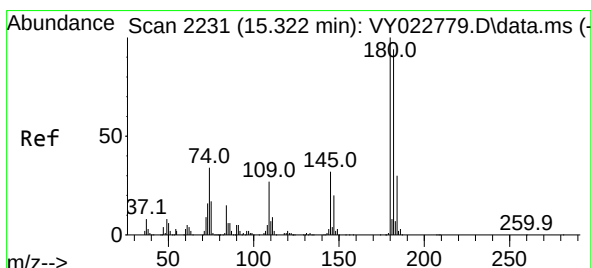
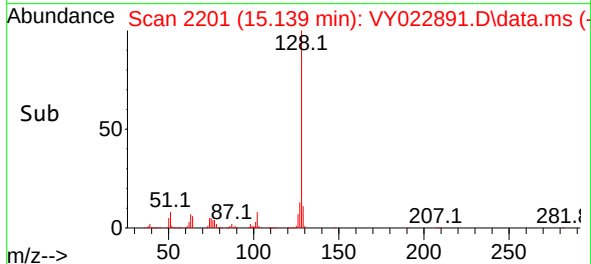
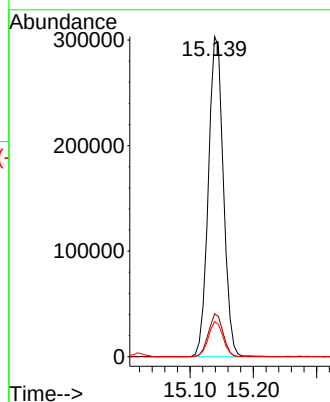
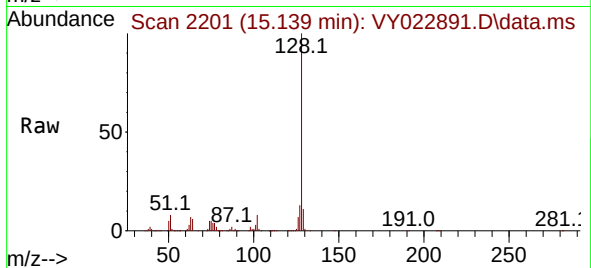
Tgt Ion:128 Resp: 499754

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.8 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 50.477 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022891.D

Acq: 01 Jul 2025 10:32

Tgt Ion:180 Resp: 230647

Ion Ratio Lower Upper

180 100

182 97.2 47.1 141.3

145 32.0 15.2 45.6

