

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
 Data File : VY021025.D
 Acq On : 03 Feb 2025 12:44
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 03 13:02:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 12:45:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	189855	50.000	ug/l	-0.09
34) 1,4-Difluorobenzene	8.622	114	287697	50.000	ug/l	-0.09
63) Chlorobenzene-d5	11.420	117	248527	50.000	ug/l	-0.08
72) 1,4-Dichlorobenzene-d4	13.352	152	112575	50.000	ug/l	-0.09

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	293662	145.767	ug/l	-0.09
Spiked Amount	50.000	Range	50 - 163	Recovery	= 291.540%#	
35) Dibromofluoromethane	7.640	113	287798	156.902	ug/l	-0.09
Spiked Amount	50.000	Range	54 - 147	Recovery	= 313.800%#	
50) Toluene-d8	10.109	98	1111573	156.398	ug/l	-0.09
Spiked Amount	50.000	Range	58 - 134	Recovery	= 312.800%#	
62) 4-Bromofluorobenzene	12.408	95	360358	165.389	ug/l	-0.09
Spiked Amount	50.000	Range	30 - 143	Recovery	= 330.780%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	260067	160.825	ug/l	97
3) Chloromethane	2.074	50	248885	81.348	ug/l	98
4) Vinyl Chloride	2.208	62	252501	69.162	ug/l	99
5) Bromomethane	2.592	94	146541	56.546	ug/l	99
6) Chloroethane	2.739	64	148751	63.941	ug/l	97
7) Trichlorofluoromethane	3.062	101	462994	126.220	ug/l	99
8) Diethyl Ether	3.458	74	147927	139.670	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.824	101	290713	131.732	ug/l	95
10) Methyl Iodide	4.013	142	352076	162.310	ug/l	94
11) Tert butyl alcohol	4.872	59	91037	848.981	ug/l	97
12) 1,1-Dichloroethene	3.799	96	283433	139.249	ug/l	94
13) Acrolein	3.659	56	152214	699.170	ug/l	98
14) Allyl chloride	4.391	41	481954	160.132	ug/l	96
15) Acrylonitrile	5.061	53	309767	679.868	ug/l	99
16) Acetone	3.873	43	237711	568.499	ug/l	96
17) Carbon Disulfide	4.116	76	886308	136.501	ug/l	100
18) Methyl Acetate	4.391	43	166019	85.794	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	720513	159.242	ug/l	99
20) Methylene Chloride	4.622	84	281630	138.679	ug/l	96
21) trans-1,2-Dichloroethene	5.122	96	306161	131.661	ug/l	94
22) Diisopropyl ether	6.025	45	955213	148.098	ug/l	97
23) Vinyl Acetate	5.970	43	2761423	1071.606	ug/l	99
24) 1,1-Dichloroethane	5.921	63	563116	139.932	ug/l	98
25) 2-Butanone	6.902	43	395886	600.838	ug/l	99
26) 2,2-Dichloropropane	6.890	77	527500	153.044	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	356495	142.393	ug/l	94
28) Bromochloromethane	7.256	49	224174	154.819	ug/l	98
29) Tetrahydrofuran	7.268	42	263943	722.351	ug/l	96
30) Chloroform	7.427	83	572890	142.767	ug/l	98
31) Cyclohexane	7.707	56	485167	126.502	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	540513	151.815	ug/l	99
36) 1,1-Dichloropropene	7.841	75	423720	141.085	ug/l	99
37) Ethyl Acetate	6.988	43	186661	152.878	ug/l	99
38) Carbon Tetrachloride	7.823	117	501205	173.920	ug/l	99
39) Methylcyclohexane	9.115	83	542900	150.976	ug/l	98
40) Benzene	8.085	78	1239229	147.276	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	115234	185.172	ug/l	95
42) 1,2-Dichloroethane	8.164	62	340547	159.023	ug/l	97
43) Isopropyl Acetate	8.201	43	388966	177.842	ug/l #	86
44) Trichloroethene	8.872	130	323716	148.882	ug/l	96
45) 1,2-Dichloropropane	9.146	63	294150	145.255	ug/l	100
46) Dibromomethane	9.237	93	161341	153.538	ug/l	95
47) Bromodichloromethane	9.426	83	437119	161.734	ug/l	98
48) Methyl methacrylate	9.225	41	187040	162.199	ug/l	94
49) 1,4-Dioxane	9.231	88	32704	3020.404	ug/l	94
51) 4-Methyl-2-Pentanone	10.006	43	965506	812.473	ug/l	98
52) Toluene	10.176	92	792134	154.914	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	416872	166.490	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	483429	157.719	ug/l	92
55) 1,1,2-Trichloroethane	10.579	97	209006	145.030	ug/l	99
56) Ethyl methacrylate	10.444	69	313458	213.398	ug/l	93
57) 1,3-Dichloropropane	10.725	76	365553	147.276	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	721923	766.301	ug/l	100
59) 2-Hexanone	10.762	43	642448	752.306	ug/l	98
60) Dibromochloromethane	10.914	129	298751	178.499	ug/l	98
61) 1,2-Dibromoethane	11.018	107	200840	151.965	ug/l	99
64) Tetrachloroethene	10.652	164	288752	157.146	ug/l	96
65) Chlorobenzene	11.444	112	854481	162.172	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	303176	159.965	ug/l	97
67) Ethyl Benzene	11.633	91	2360814	243.252	ug/l #	67
68) m/p-Xylenes	11.633	106	1152452	314.940	ug/l	97
69) o-Xylene	11.963	106	543425	164.162	ug/l	97
70) Styrene	11.975	104	900989	177.408	ug/l	97
71) Bromoform	12.139	173	170929	186.022	ug/l #	97
73) Isopropylbenzene	12.261	105	1439642	153.455	ug/l	100
74) N-amyl acetate	12.072	43	337562	181.987	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.511	83	229575	136.546	ug/l	99
76) 1,2,3-Trichloropropane	12.688	75	28402	25.245	ug/l #	100
77) Bromobenzene	12.536	156	330230	167.148	ug/l	92
78) n-propylbenzene	12.603	91	1706799	147.779	ug/l	99
79) 2-Chlorotoluene	12.786	91	973177	154.410	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	1146647	155.522	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.408	75	196534	386.798	ug/l #	12
82) 4-Chlorotoluene	12.786	91	973177	149.992	ug/l	99
83) tert-Butylbenzene	13.005	119	1067144	165.732	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	1138490	156.424	ug/l	100
85) sec-Butylbenzene	13.182	105	1489668	151.621	ug/l	98
86) p-Isopropyltoluene	13.298	119	1267584	159.437	ug/l	99
87) 1,3-Dichlorobenzene	13.371	146	600370	150.146	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	600370	154.353	ug/l	99
89) n-Butylbenzene	13.621	91	1172760	151.860	ug/l	98
90) Hexachloroethane	13.883	117	264877	160.731	ug/l	86
91) 1,2-Dichlorobenzene	13.663	146	529143	160.577	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	36737	175.945	ug/l	99
93) 1,2,4-Trichlorobenzene	14.925	180	338957	206.167	ug/l	98
94) Hexachlorobutadiene	15.029	225	204211	201.244	ug/l	99
95) Naphthalene	15.151	128	581994	203.420	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	280907	203.655	ug/l	98

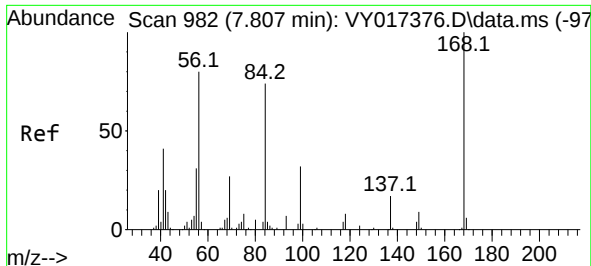
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
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Response via : Initial Calibration

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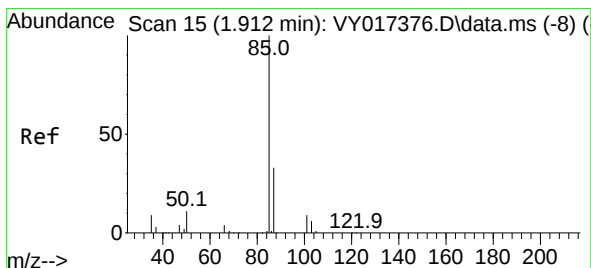
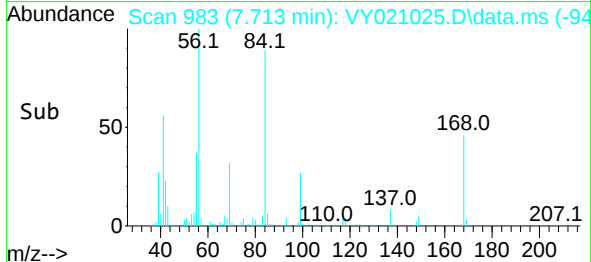
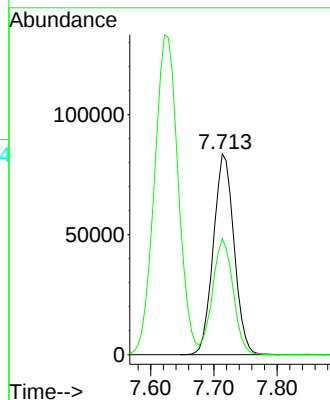
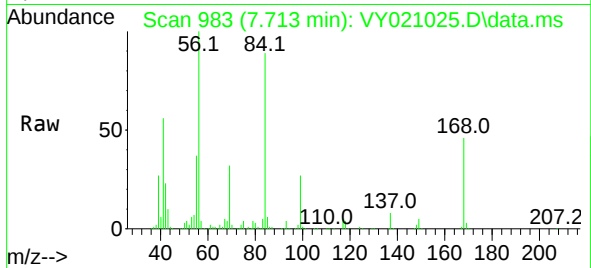
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.094 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

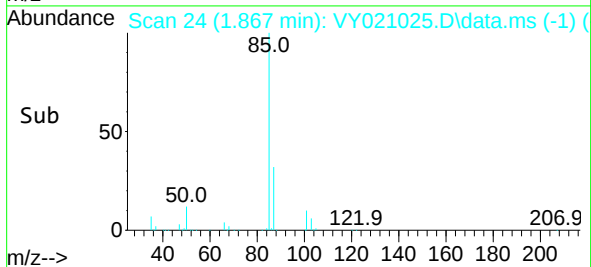
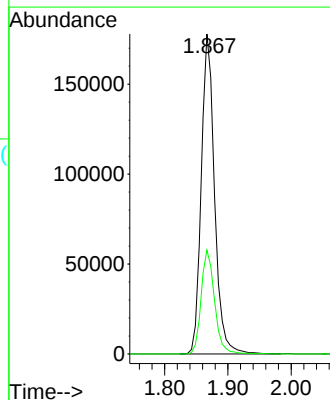
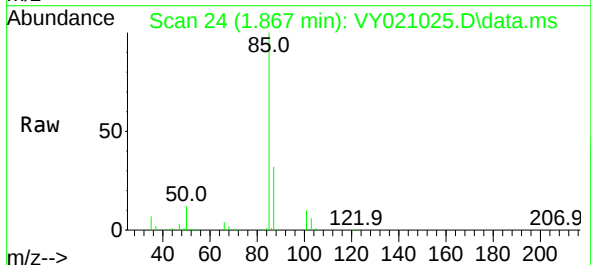
Instrument :
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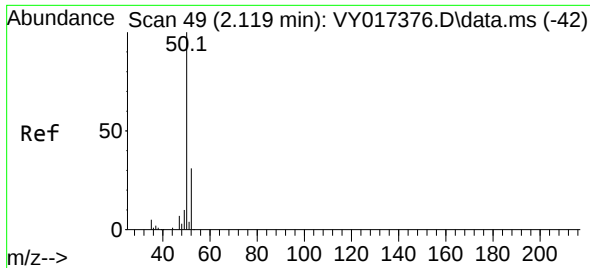
Tgt Ion:168 Resp: 189855
Ion Ratio Lower Upper
168 100
99 57.7 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 160.825 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.045 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 85 Resp: 260067
Ion Ratio Lower Upper
85 100
87 32.5 17.1 51.3

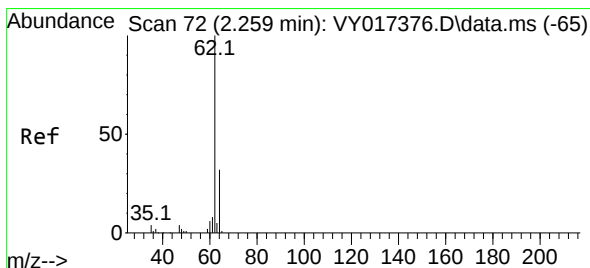
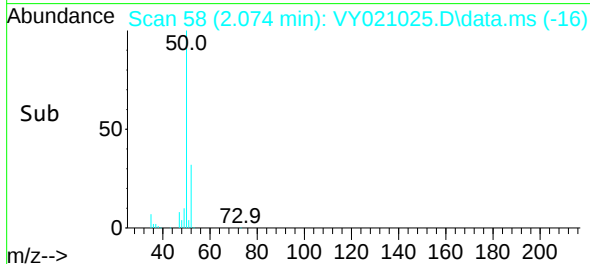
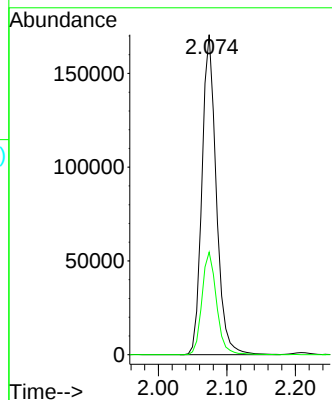
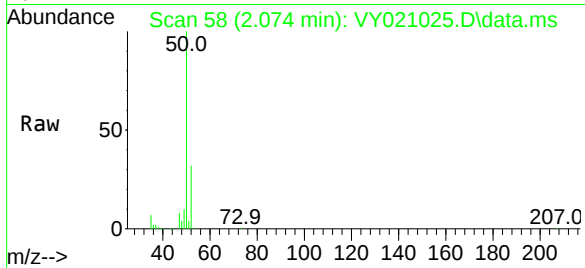




#3
Chloromethane
Concen: 81.348 ug/l
RT: 2.074 min Scan# 50
Delta R.T. -0.045 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

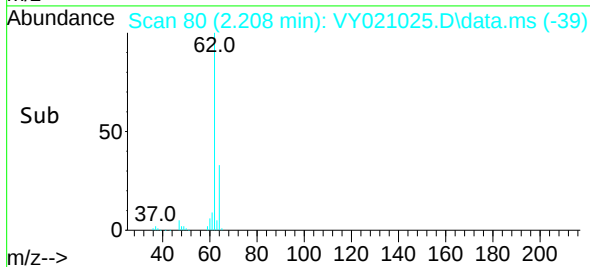
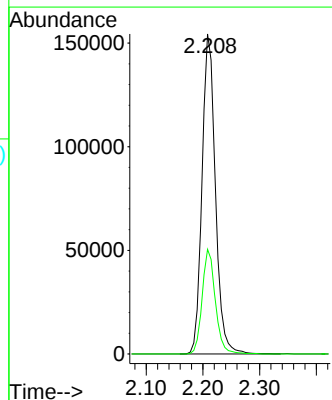
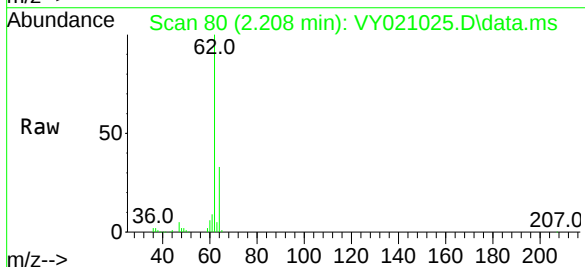
Instrument :
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ClientSampleId :
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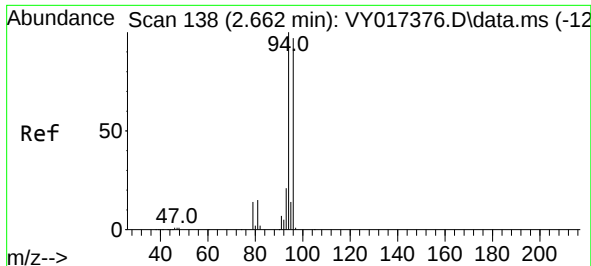
Tgt Ion: 50 Resp: 248885
Ion Ratio Lower Upper
50 100
52 32.0 26.7 40.1



#4
Vinyl Chloride
Concen: 69.162 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.051 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 62 Resp: 252501
Ion Ratio Lower Upper
62 100
64 32.7 25.7 38.5

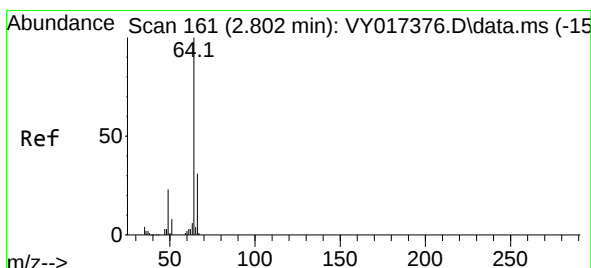
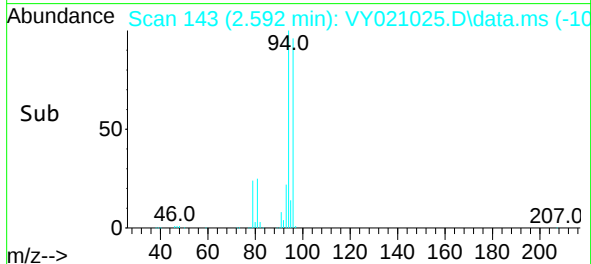
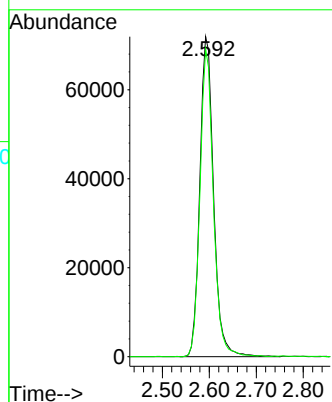
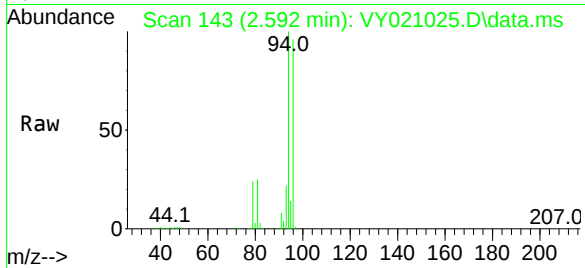




#5
Bromomethane
Concen: 56.546 ug/l
RT: 2.592 min Scan# 141
Delta R.T. -0.070 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

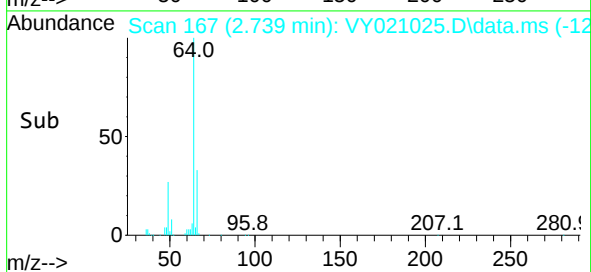
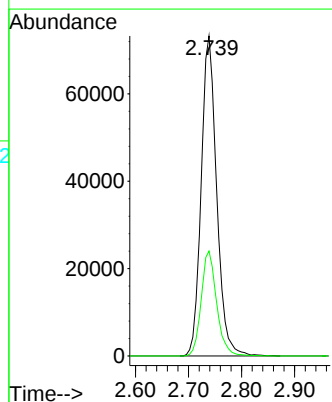
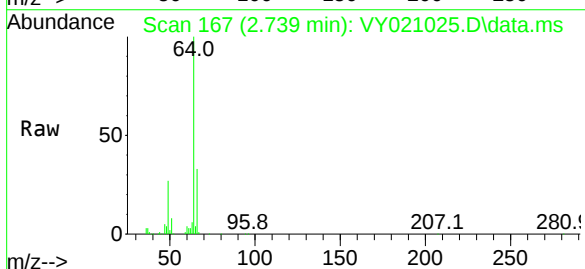
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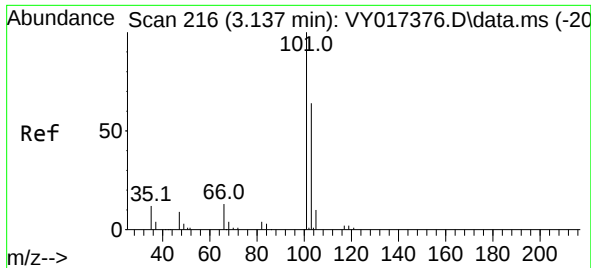
Tgt Ion: 94 Resp: 146541
Ion Ratio Lower Upper
94 100
96 96.1 77.3 115.9



#6
Chloroethane
Concen: 63.941 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.063 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 64 Resp: 148751
Ion Ratio Lower Upper
64 100
66 32.8 25.1 37.7

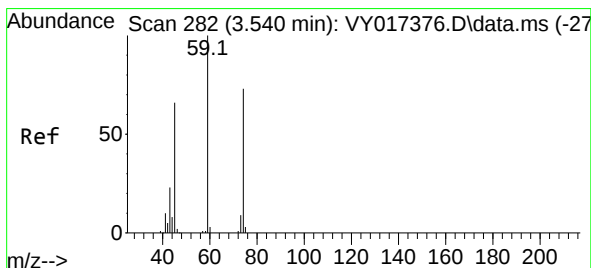
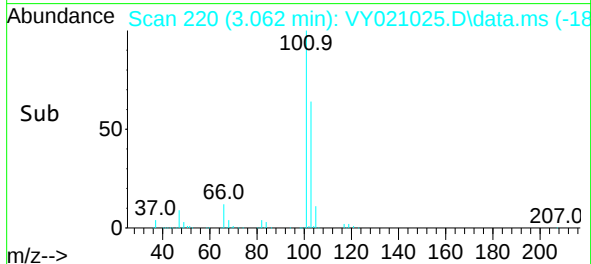
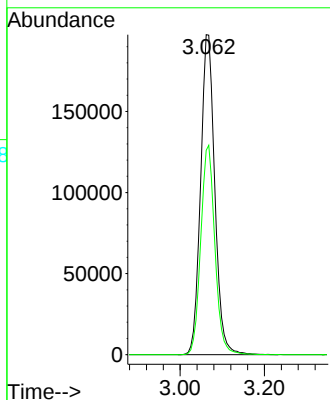
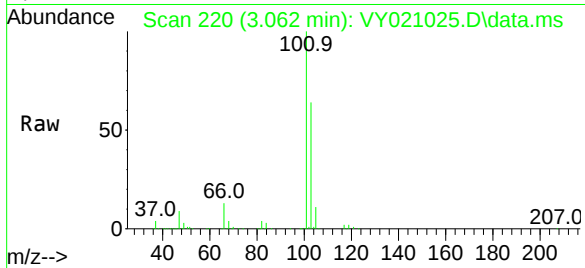




#7
 Trichlorofluoromethane
 Concen: 126.220 ug/l
 RT: 3.062 min Scan# 216
 Delta R.T. -0.076 min
 Lab File: VY021025.D
 Acq: 03 Feb 2025 12:44

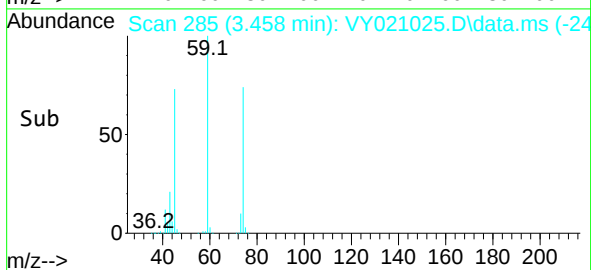
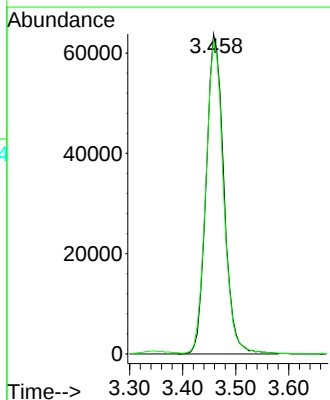
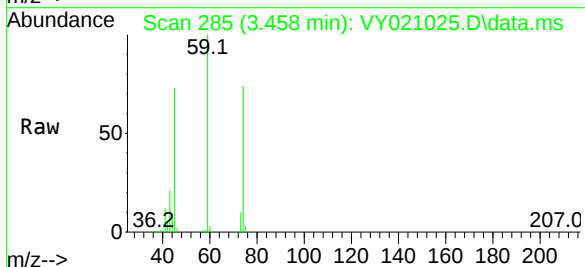
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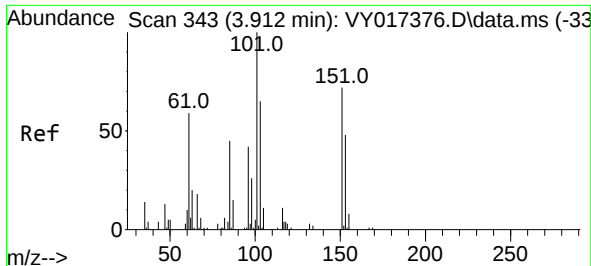
Tgt Ion:101 Resp: 462994
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.9 77.9



#8
 Diethyl Ether
 Concen: 139.670 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.082 min
 Lab File: VY021025.D
 Acq: 03 Feb 2025 12:44

Tgt Ion: 74 Resp: 147927
 Ion Ratio Lower Upper
 74 100
 45 98.2 47.9 143.7

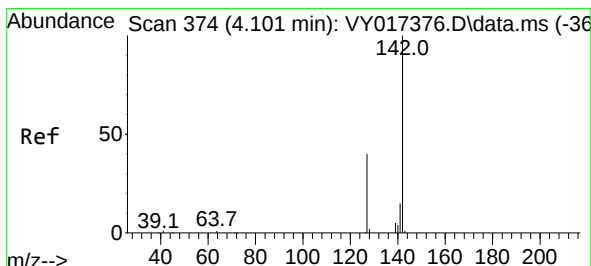
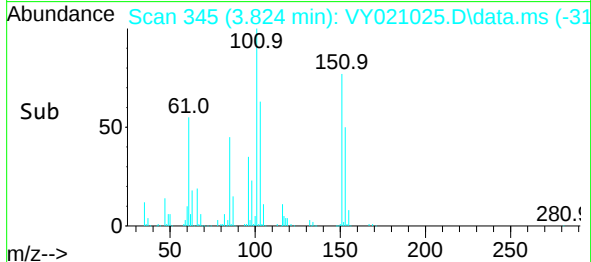
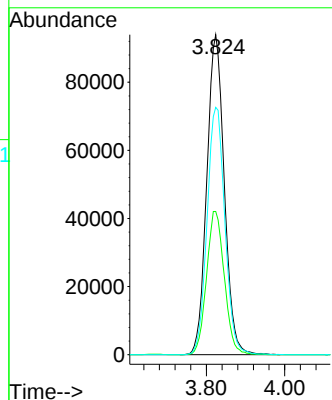
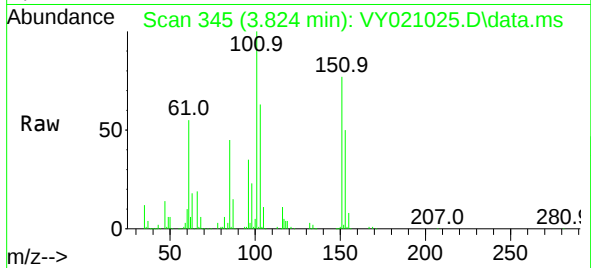




#9
1,1,2-Trichlorotrifluoroethane
Concen: 131.732 ug/l
RT: 3.824 min Scan# 343
Delta R.T. -0.088 min
Lab File: VY021025.D
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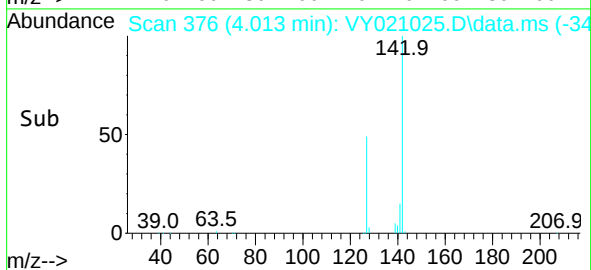
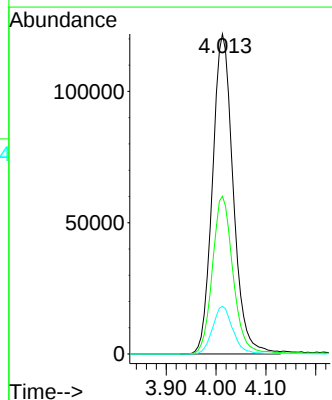
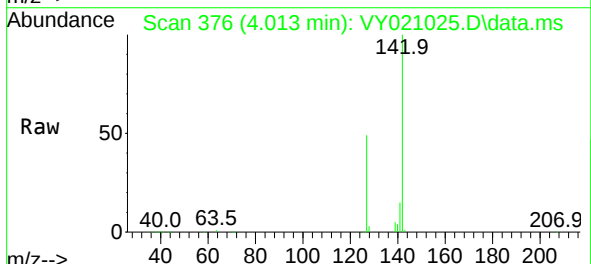
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

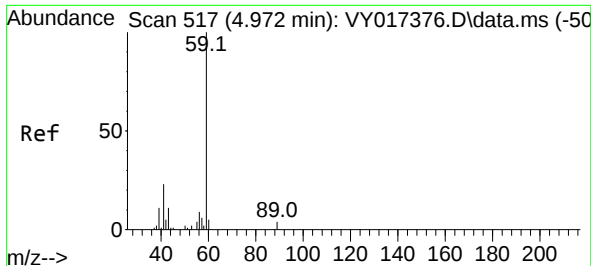
Tgt Ion:101 Resp: 290713
Ion Ratio Lower Upper
101 100
85 45.6 35.8 53.6
151 78.9 58.6 88.0



#10
Methyl Iodide
Concen: 162.310 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.088 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:142 Resp: 352076
Ion Ratio Lower Upper
142 100
127 49.2 35.1 52.7
141 14.5 11.8 17.6





#11

Tert butyl alcohol

Concen: 848.981 ug/l

RT: 4.872 min Scan# 517

Delta R.T. -0.100 min

Lab File: VY021025.D

Acq: 03 Feb 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

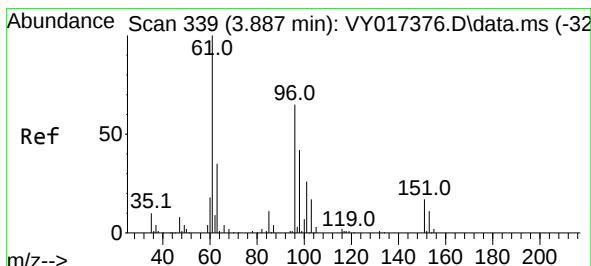
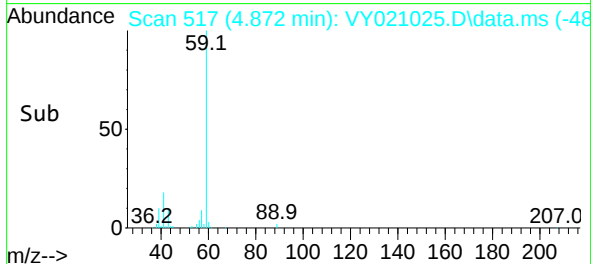
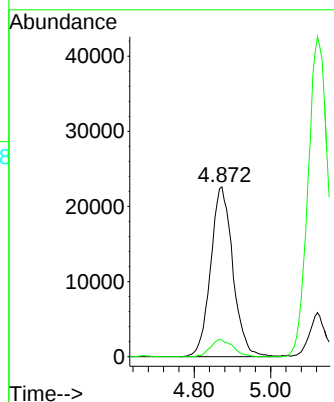
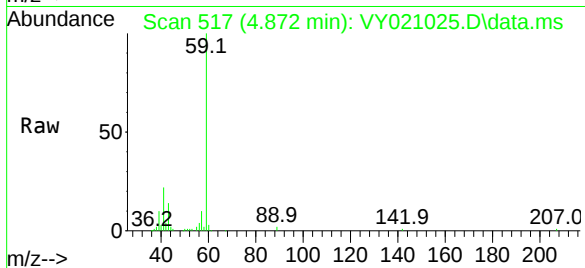
VSTDICC150

Tgt Ion: 59 Resp: 91037

Ion Ratio Lower Upper

59 100

57 10.3 7.4 11.0



#12

1,1-Dichloroethene

Concen: 139.249 ug/l

RT: 3.799 min Scan# 341

Delta R.T. -0.088 min

Lab File: VY021025.D

Acq: 03 Feb 2025 12:44

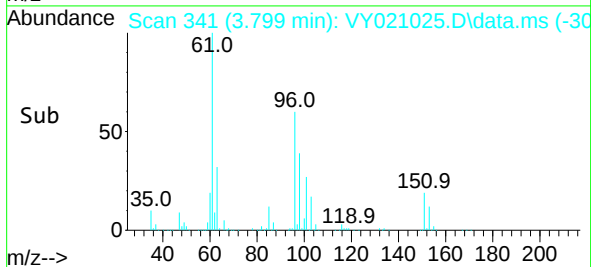
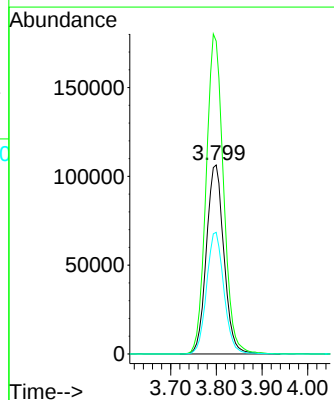
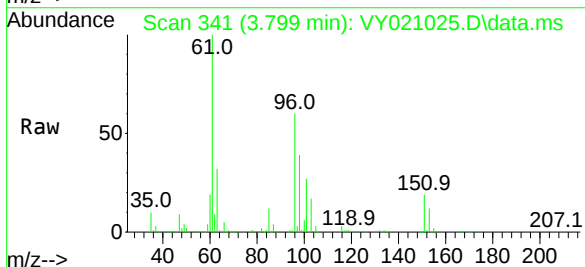
Tgt Ion: 96 Resp: 283433

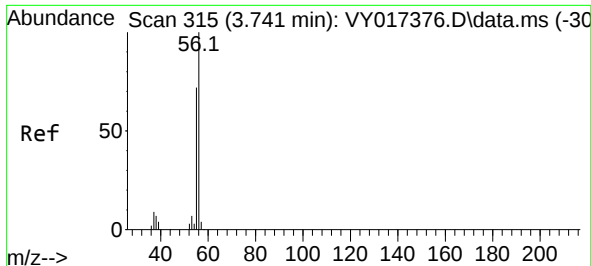
Ion Ratio Lower Upper

96 100

61 165.5 124.2 186.2

98 64.4 52.6 79.0





#13

Acrolein

Concen: 699.170 ug/l

RT: 3.659 min Scan# 31

Delta R.T. -0.082 min

Lab File: VY021025.D

Acq: 03 Feb 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

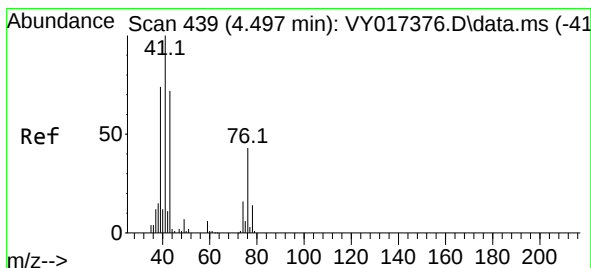
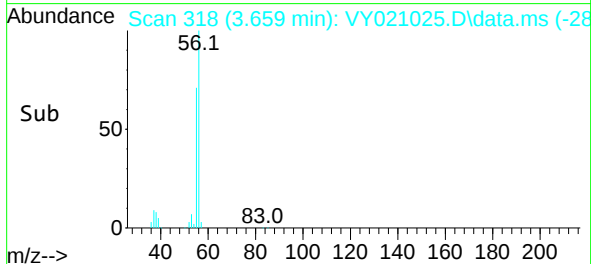
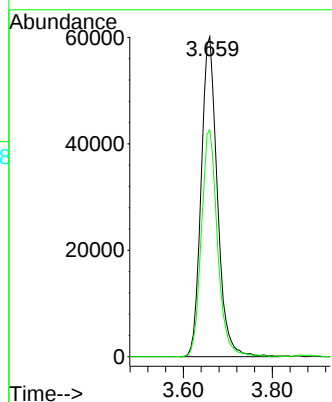
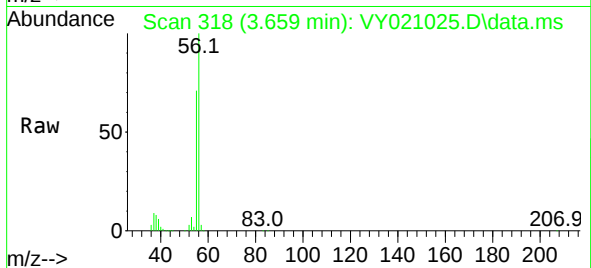
VSTDICC150

Tgt Ion: 56 Resp: 152214

Ion Ratio Lower Upper

56 100

55 71.1 55.4 83.0



#14

Allyl chloride

Concen: 160.132 ug/l

RT: 4.391 min Scan# 438

Delta R.T. -0.106 min

Lab File: VY021025.D

Acq: 03 Feb 2025 12:44

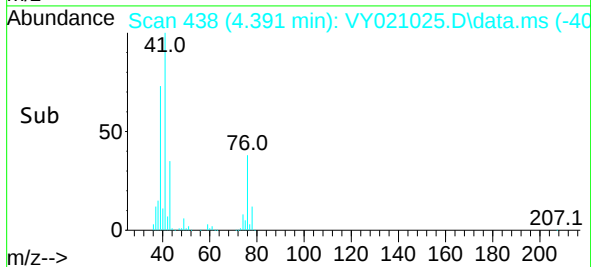
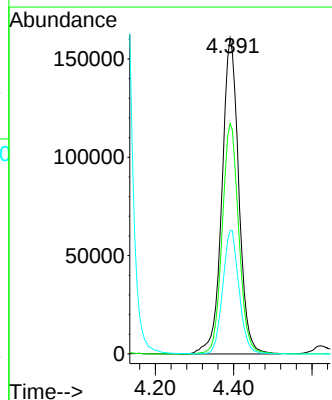
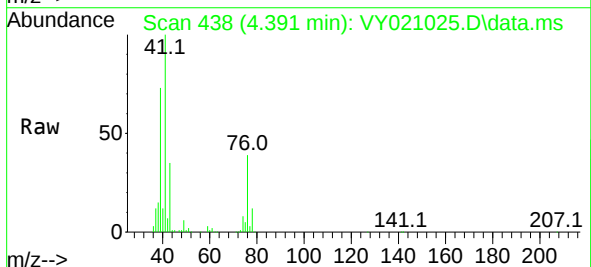
Tgt Ion: 41 Resp: 481954

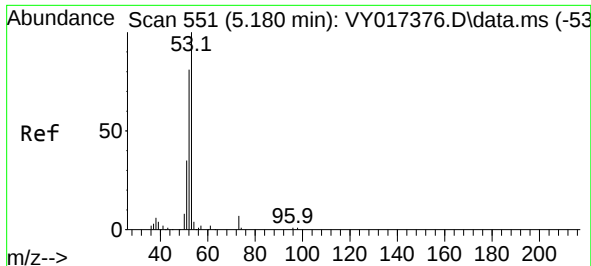
Ion Ratio Lower Upper

41 100

39 71.7 54.7 82.1

76 37.7 31.8 47.6

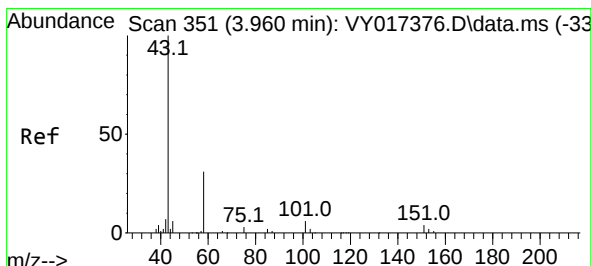
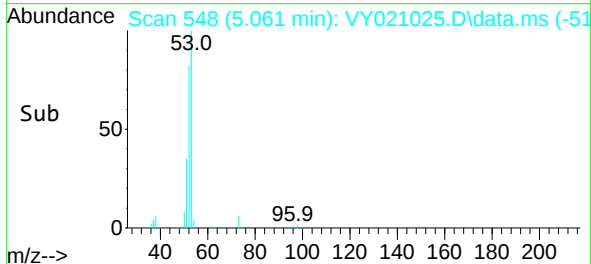
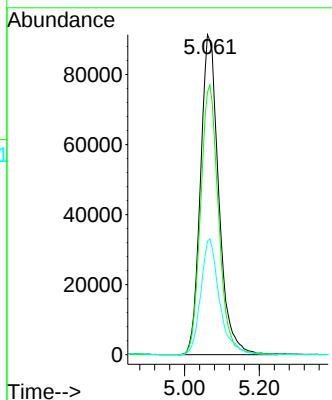
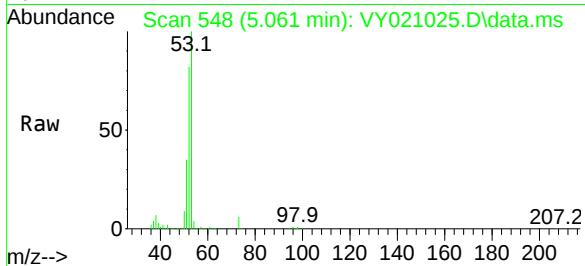




#15
Acrylonitrile
Concen: 679.868 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.118 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

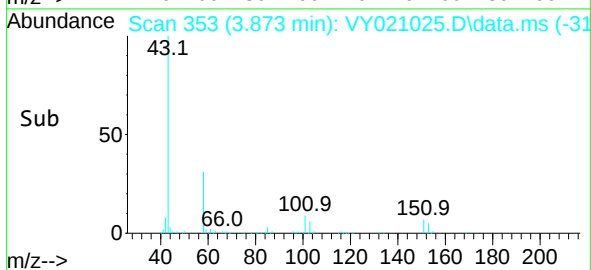
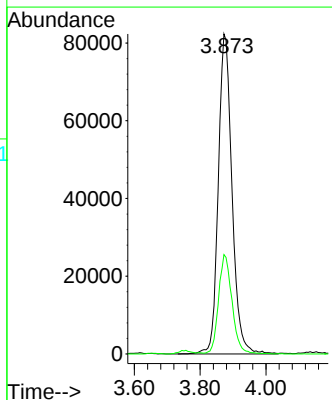
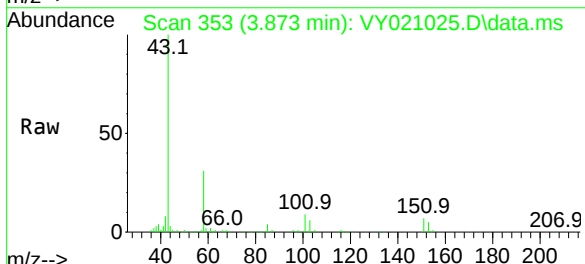
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

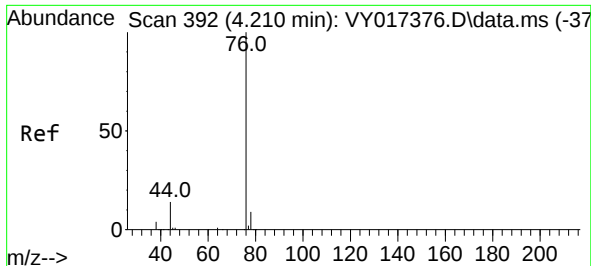
Tgt Ion: 53 Resp: 309767
Ion Ratio Lower Upper
53 100
52 82.7 65.1 97.7
51 37.1 29.0 43.4



#16
Acetone
Concen: 568.499 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.087 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 43 Resp: 237711
Ion Ratio Lower Upper
43 100
58 31.0 26.6 39.8

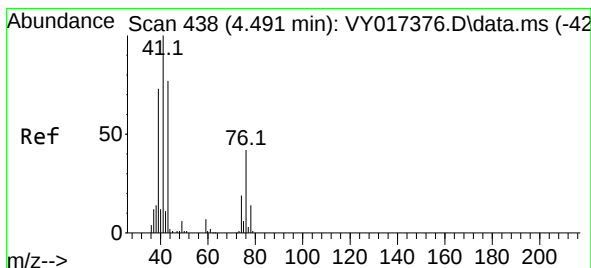
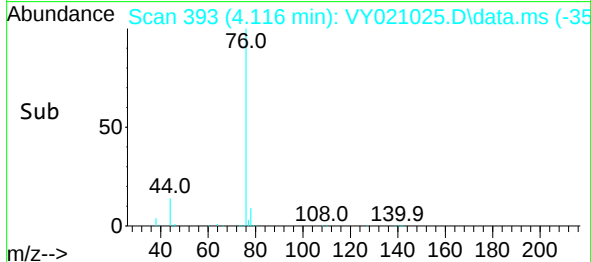
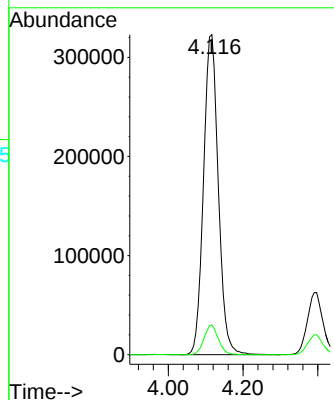
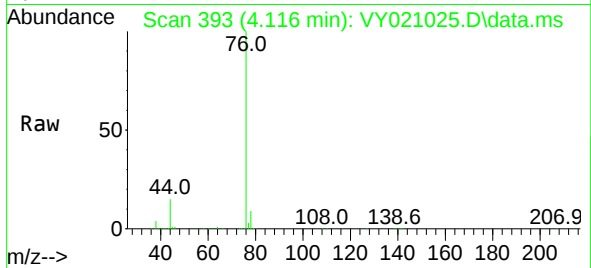




#17
Carbon Disulfide
Concen: 136.501 ug/l
RT: 4.116 min Scan# 392
Delta R.T. -0.094 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

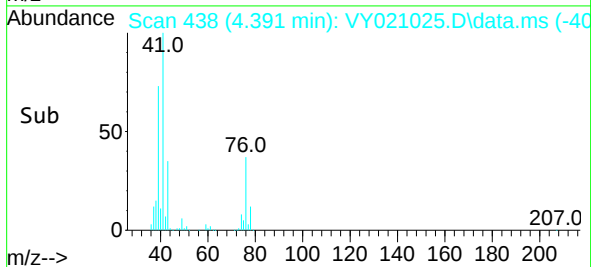
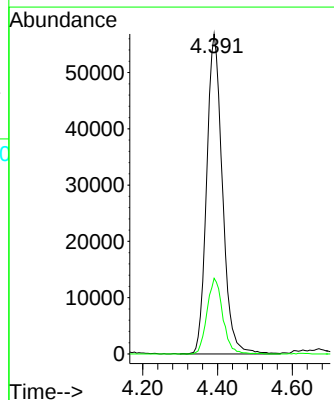
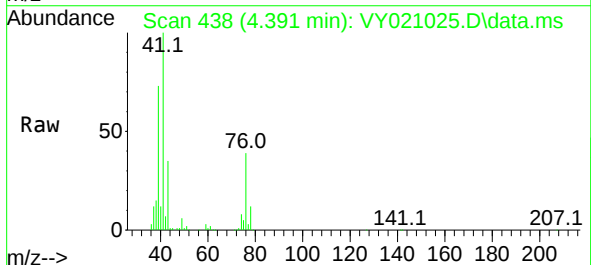
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

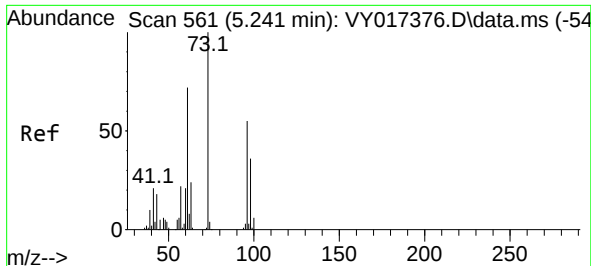
Tgt Ion: 76 Resp: 886308
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 85.794 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.100 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 43 Resp: 166019
Ion Ratio Lower Upper
43 100
74 23.5 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 159.242 ug/l

RT: 5.122 min Scan# 51

Delta R.T. -0.119 min

Lab File: VY021025.D

Acq: 03 Feb 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

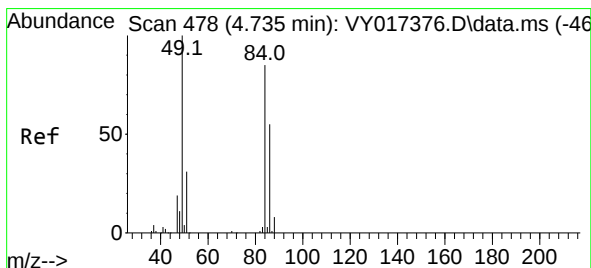
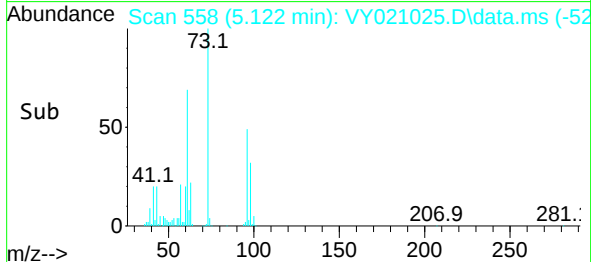
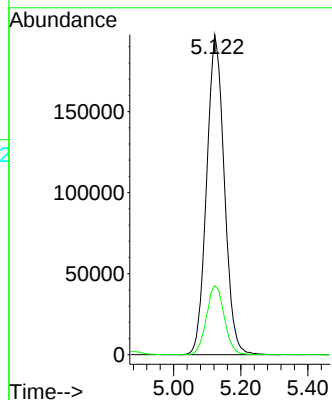
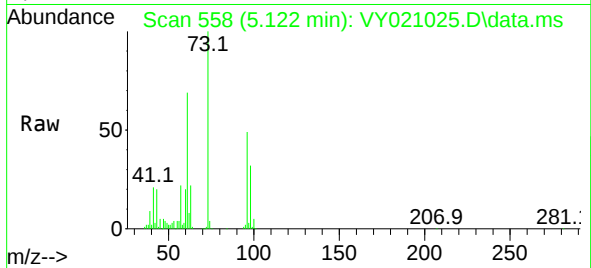
VSTDIC150

Tgt Ion: 73 Resp: 720513

Ion Ratio Lower Upper

73 100

57 21.6 17.7 26.5



#20

Methylene Chloride

Concen: 138.679 ug/l

RT: 4.622 min Scan# 476

Delta R.T. -0.113 min

Lab File: VY021025.D

Acq: 03 Feb 2025 12:44

Tgt Ion: 84 Resp: 281630

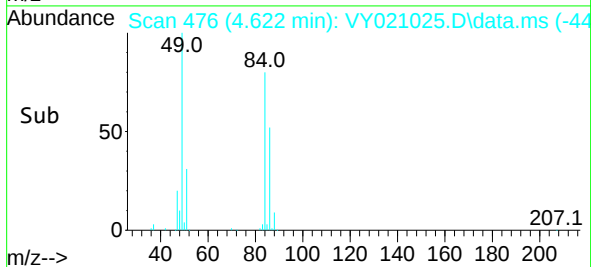
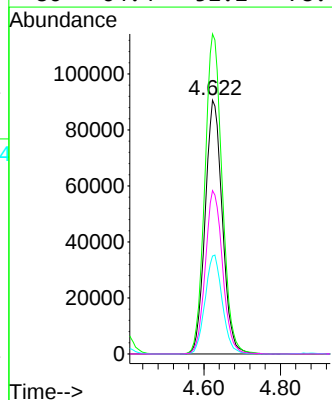
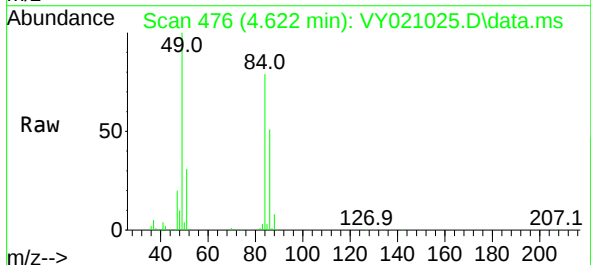
Ion Ratio Lower Upper

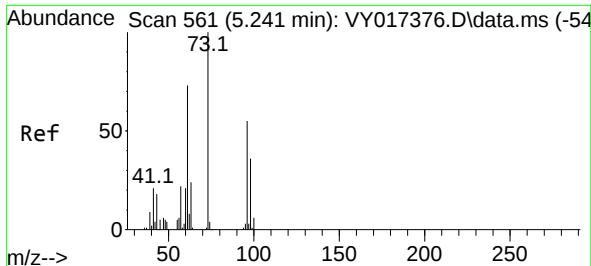
84 100

49 126.1 95.2 142.8

51 38.6 29.9 44.9

86 64.4 52.2 78.4

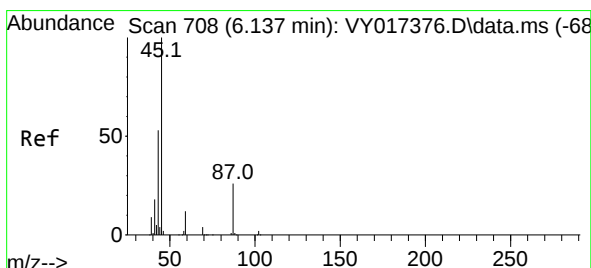
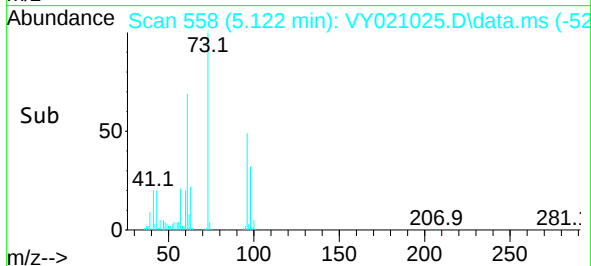
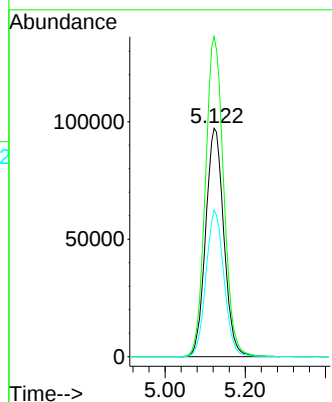
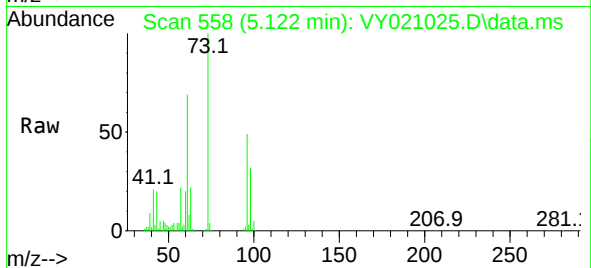




#21
trans-1,2-Dichloroethene
Concen: 131.661 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.118 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

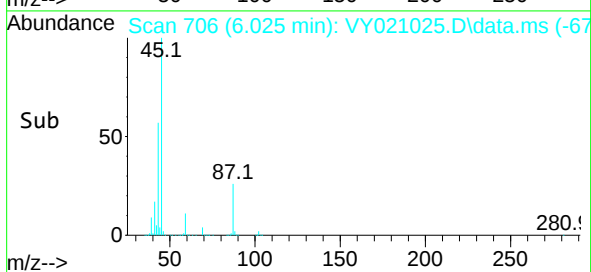
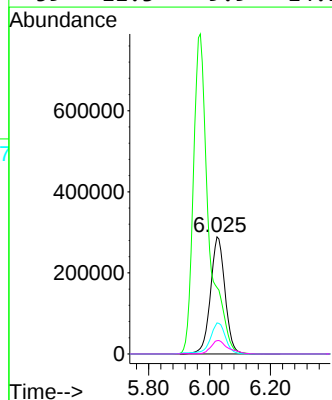
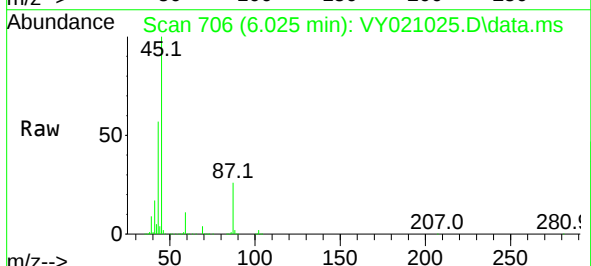
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

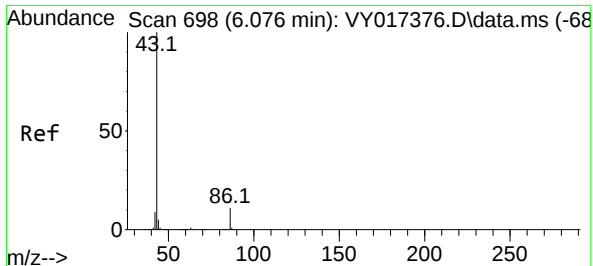
Tgt Ion: 96 Resp: 306161
Ion Ratio Lower Upper
96 100
61 140.1 104.6 156.8
98 64.1 50.9 76.3



#22
Diisopropyl ether
Concen: 148.098 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.112 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 45 Resp: 955213
Ion Ratio Lower Upper
45 100
43 56.6 46.8 70.2
87 26.5 22.2 33.2
59 11.3 9.9 14.9

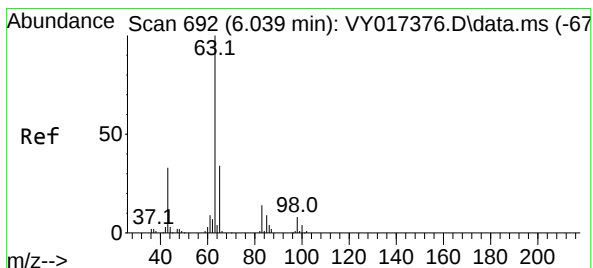
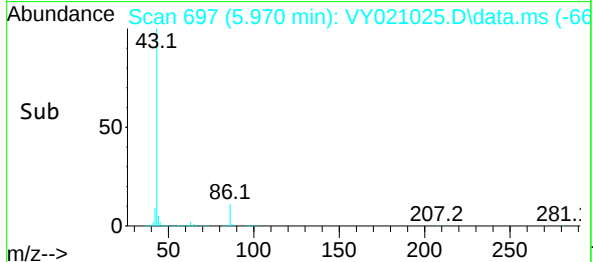
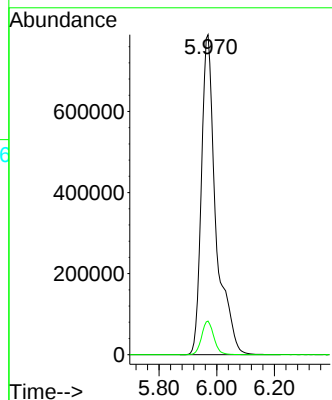
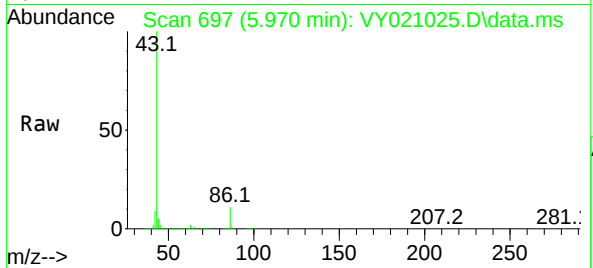




#23
 Vinyl Acetate
 Concen: 1071.606 ug/l
 RT: 5.970 min Scan# 61
 Delta R.T. -0.106 min
 Lab File: VY021025.D
 Acq: 03 Feb 2025 12:44

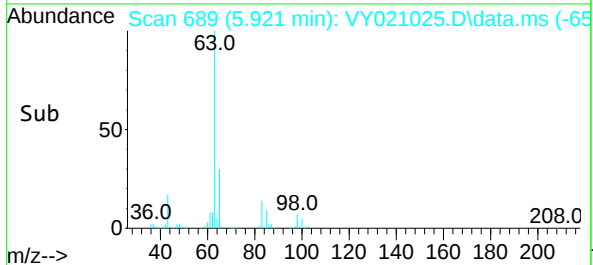
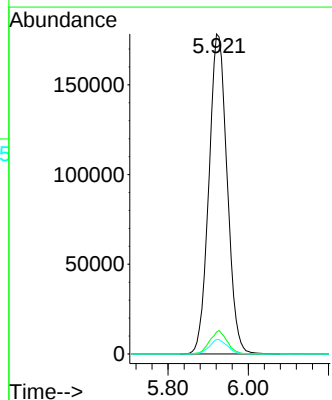
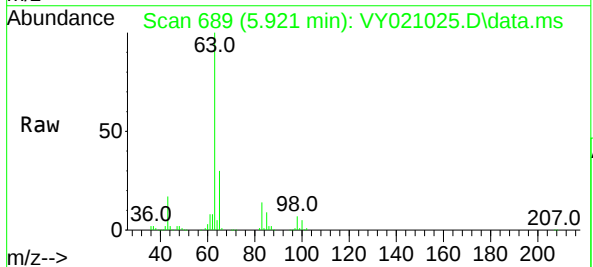
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

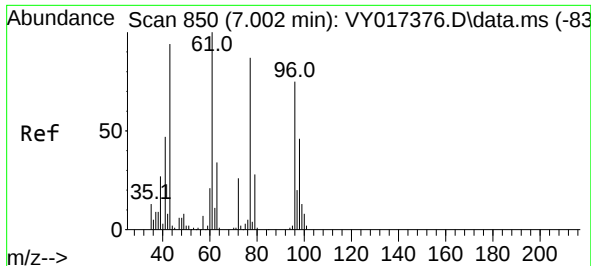
Tgt Ion: 43 Resp: 2761423
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 139.932 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.118 min
 Lab File: VY021025.D
 Acq: 03 Feb 2025 12:44

Tgt Ion: 63 Resp: 563116
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.4
 100 4.5 2.1 6.2

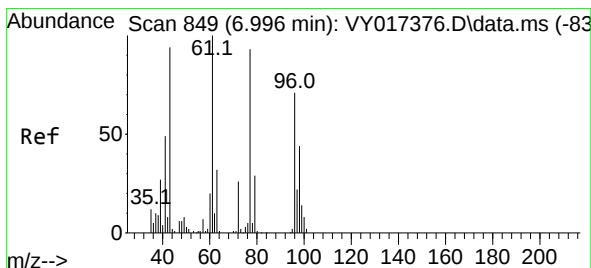
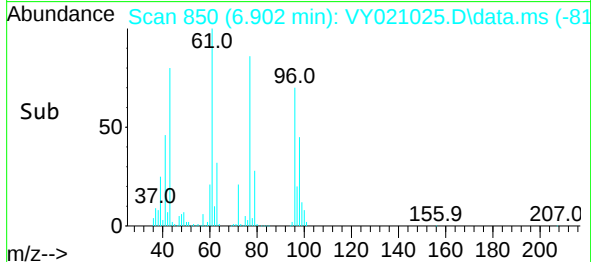
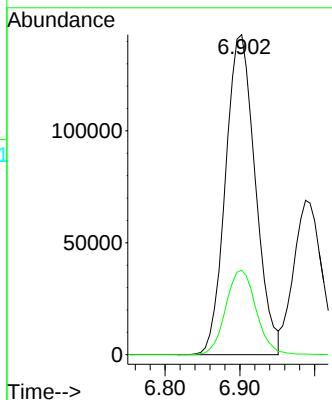
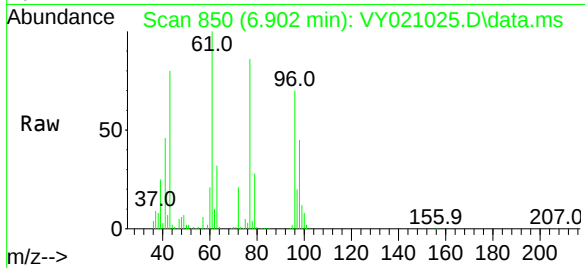




#25
2-Butanone
Concen: 600.838 ug/l
RT: 6.902 min Scan# 81
Delta R.T. -0.100 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

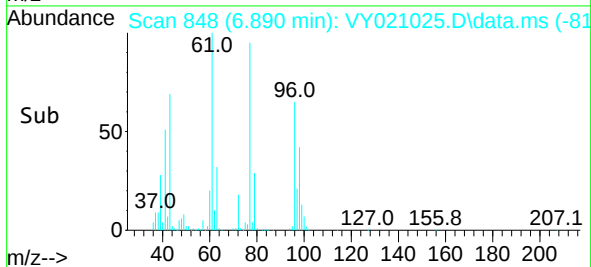
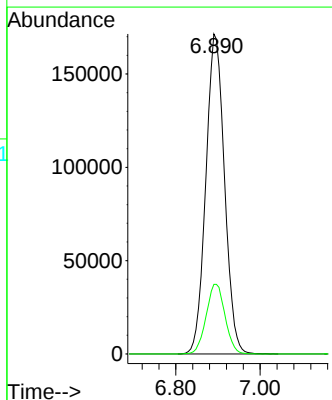
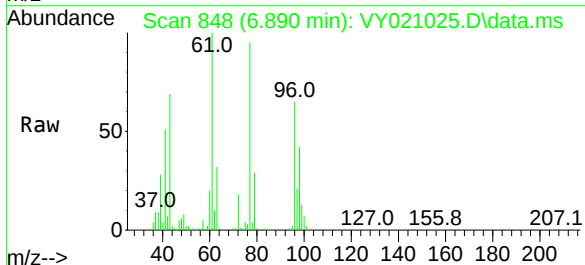
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

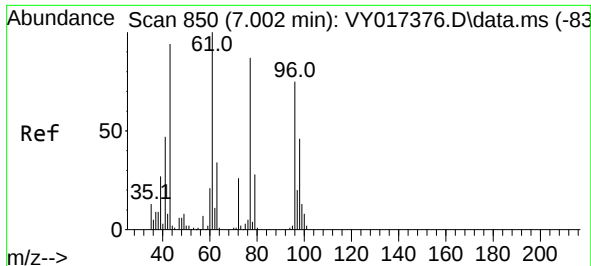
Tgt Ion: 43 Resp: 395886
Ion Ratio Lower Upper
43 100
72 26.4 21.4 32.2



#26
2,2-Dichloropropane
Concen: 153.044 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.106 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 77 Resp: 527500
Ion Ratio Lower Upper
77 100
97 22.1 11.7 35.0

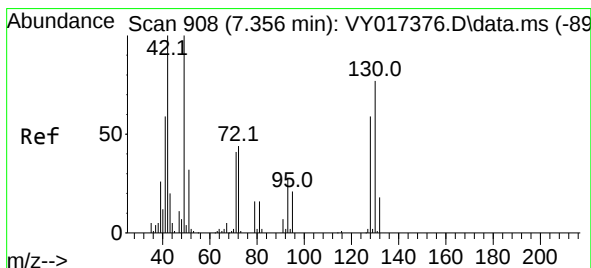
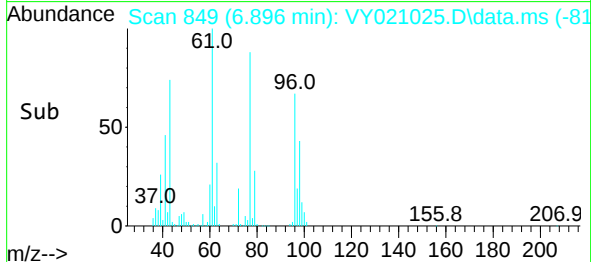
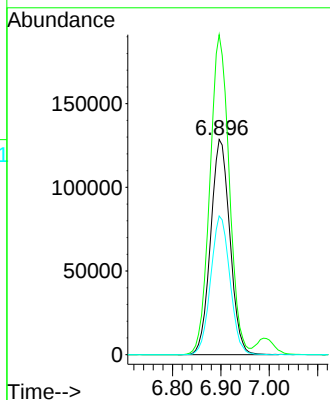
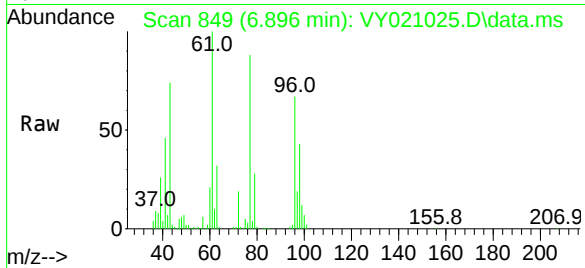




#27
 cis-1,2-Dichloroethene
 Concen: 142.393 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. -0.106 min
 Lab File: VY021025.D
 Acq: 03 Feb 2025 12:44

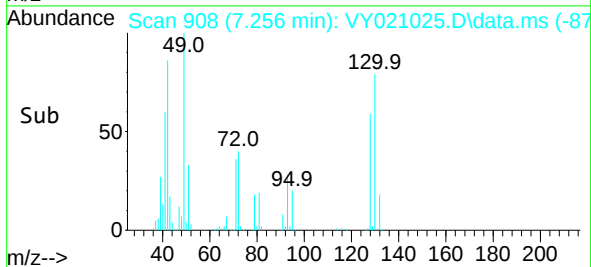
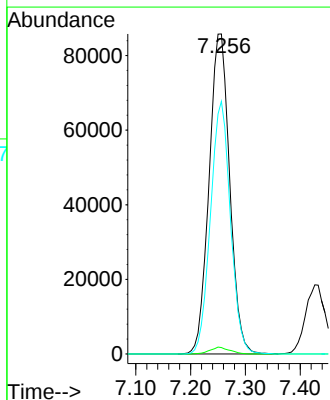
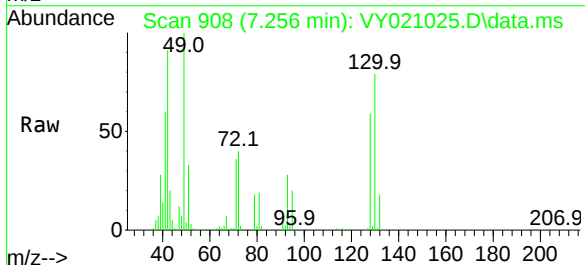
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

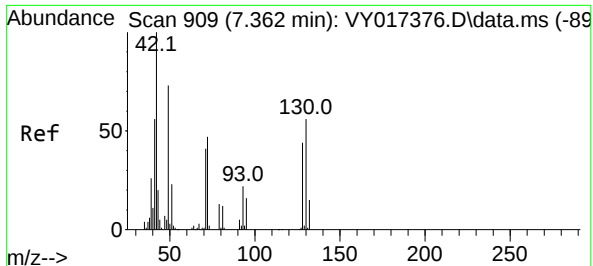
Tgt Ion: 96 Resp: 356495
 Ion Ratio Lower Upper
 96 100
 61 149.4 0.0 278.8
 98 64.4 0.0 127.0



#28
 Bromochloromethane
 Concen: 154.819 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. -0.100 min
 Lab File: VY021025.D
 Acq: 03 Feb 2025 12:44

Tgt Ion: 49 Resp: 224174
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 76.4 59.8 89.8





#29

Tetrahydrofuran

Concen: 722.351 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.094 min

Lab File: VY021025.D

Acq: 03 Feb 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

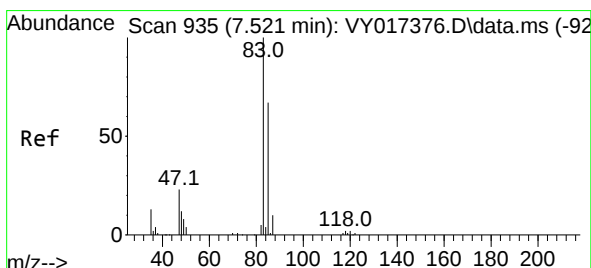
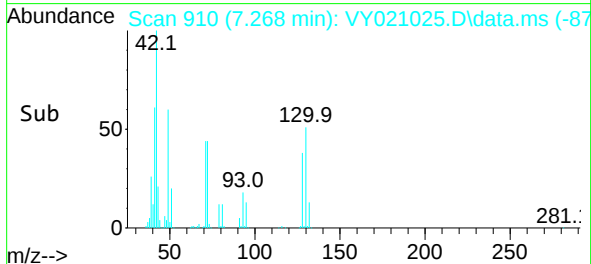
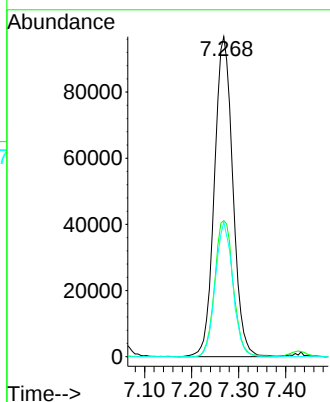
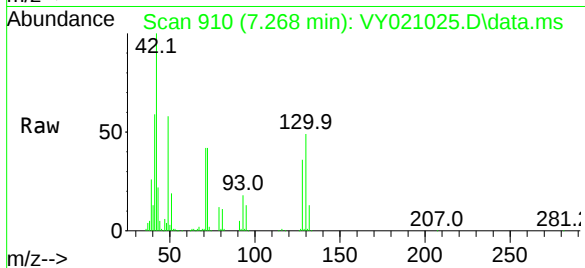
Tgt Ion: 42 Resp: 263943

Ion Ratio Lower Upper

42 100

72 42.9 36.6 54.8

71 39.9 33.8 50.6



#30

Chloroform

Concen: 142.767 ug/l

RT: 7.427 min Scan# 936

Delta R.T. -0.094 min

Lab File: VY021025.D

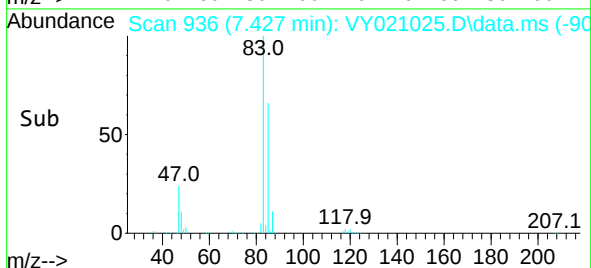
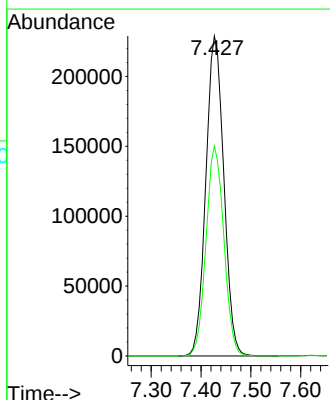
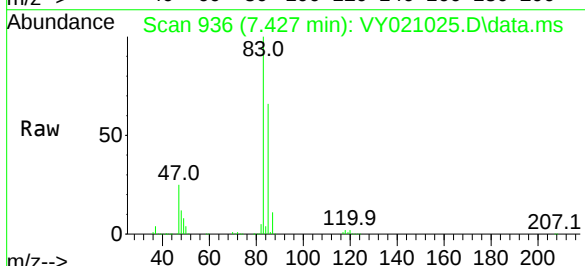
Acq: 03 Feb 2025 12:44

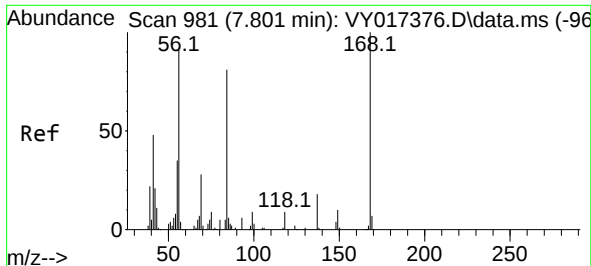
Tgt Ion: 83 Resp: 572890

Ion Ratio Lower Upper

83 100

85 65.6 51.2 76.8

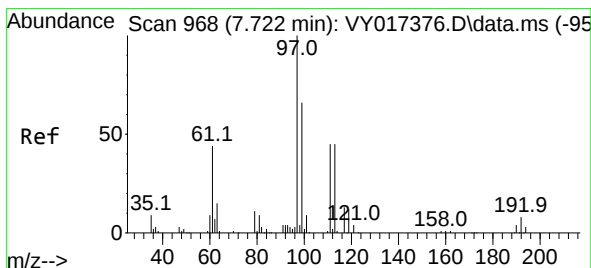
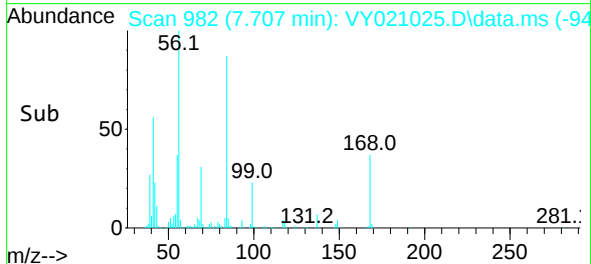
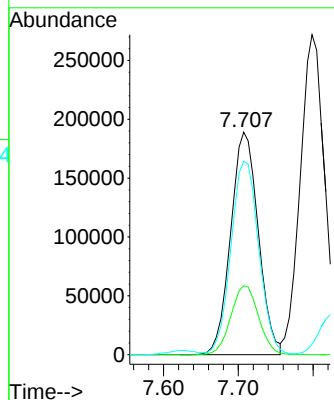
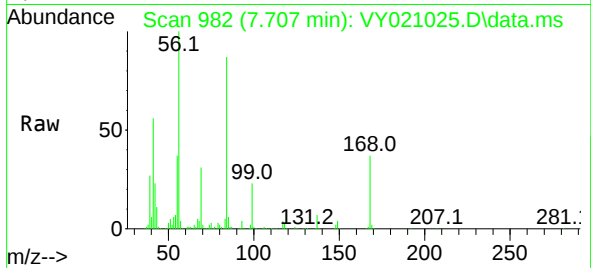




#31
Cyclohexane
Concen: 126.502 ug/l
RT: 7.707 min Scan# 981
Delta R.T. -0.094 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

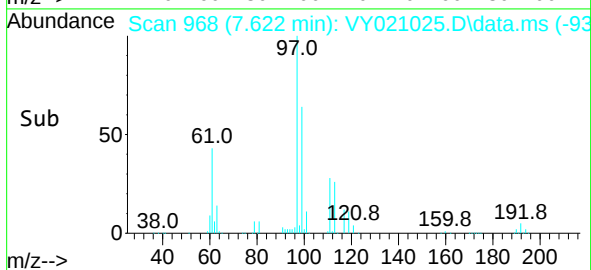
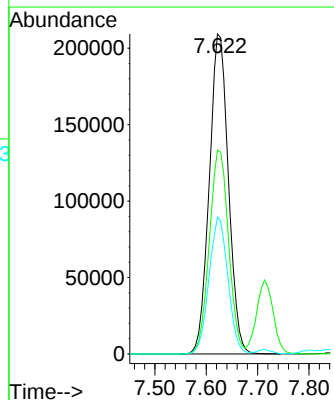
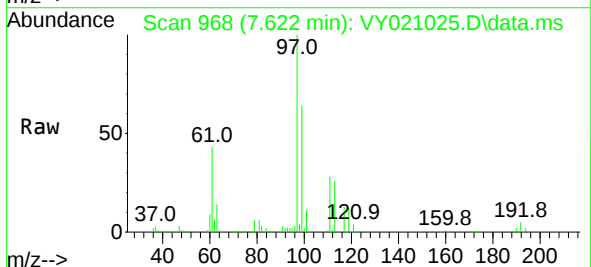
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

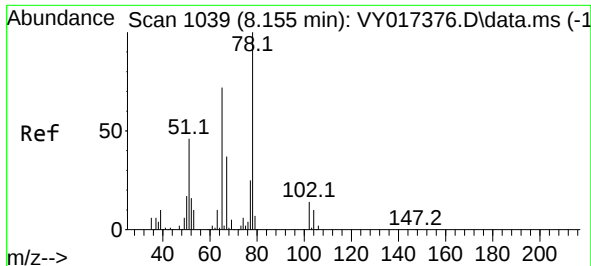
Tgt Ion: 56 Resp: 485167
Ion Ratio Lower Upper
56 100
69 31.0 27.0 40.6
84 84.9 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 151.815 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.100 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 97 Resp: 540513
Ion Ratio Lower Upper
97 100
99 64.4 51.2 76.8
61 42.5 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 145.767 ug/l

RT: 8.067 min Scan# 110

Delta R.T. -0.088 min

Lab File: VY021025.D

Acq: 03 Feb 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

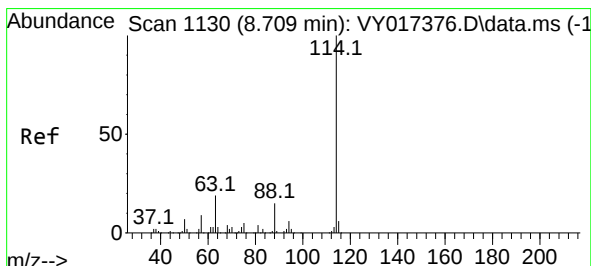
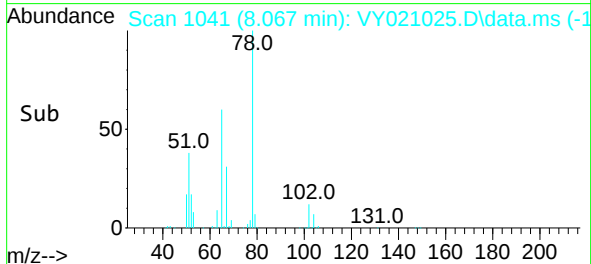
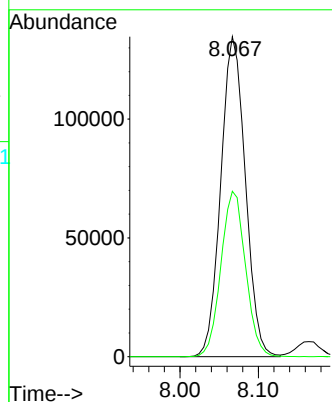
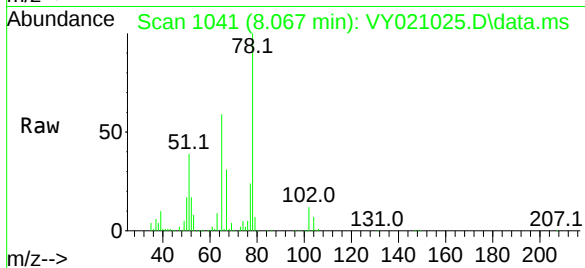
VSTDIC150

Tgt Ion: 65 Resp: 293662

Ion Ratio Lower Upper

65 100

67 51.7 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.088 min

Lab File: VY021025.D

Acq: 03 Feb 2025 12:44

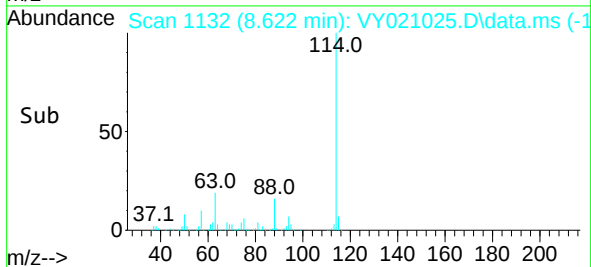
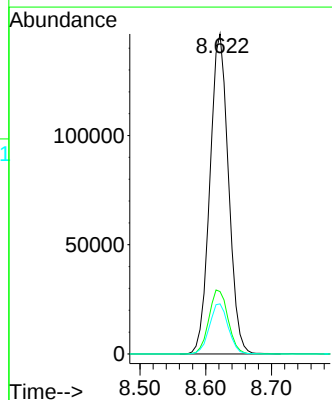
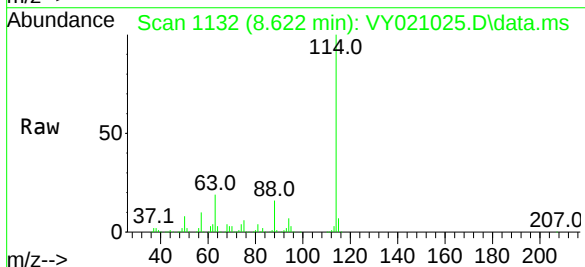
Tgt Ion: 114 Resp: 287697

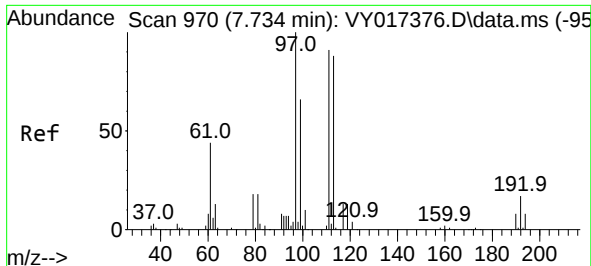
Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 15.7 0.0 29.0

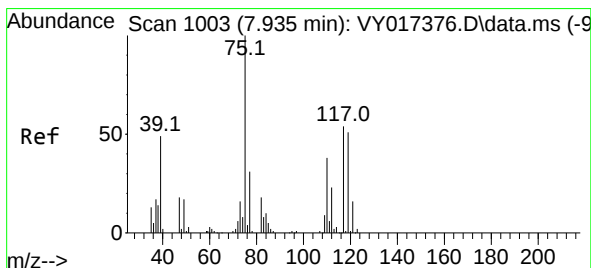
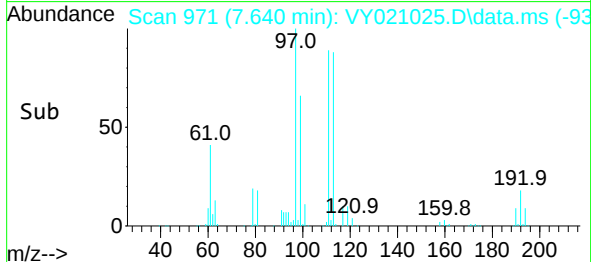
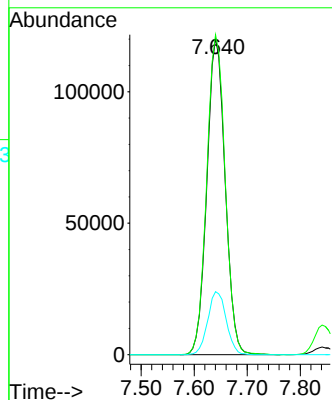
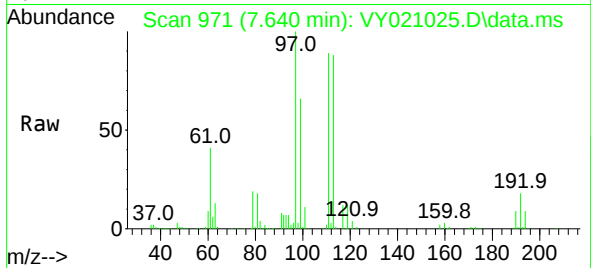




#35
Dibromofluoromethane
Concen: 156.902 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.094 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

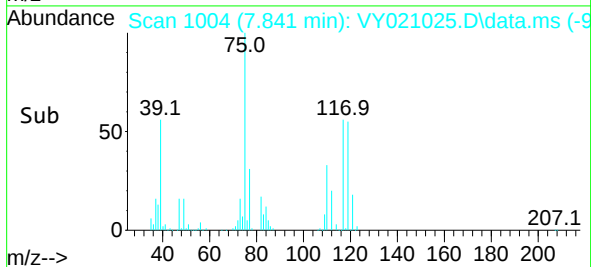
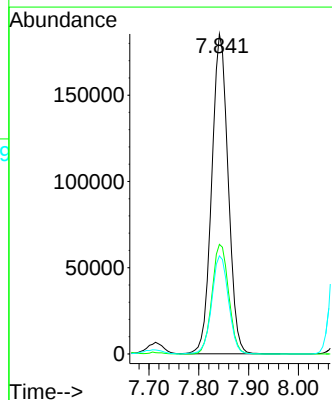
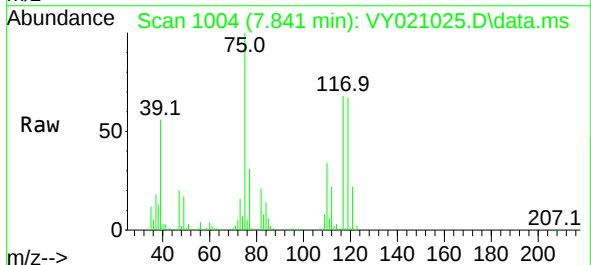
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

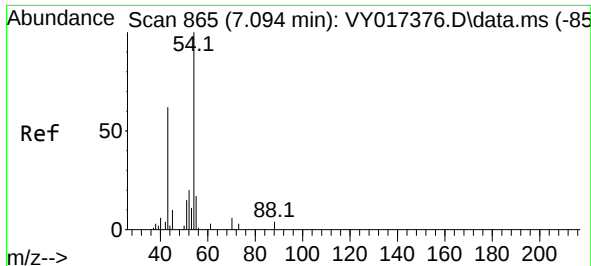
Tgt Ion:113 Resp: 287798
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.6
192 20.1 14.5 21.7



#36
1,1-Dichloropropene
Concen: 141.085 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.094 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 75 Resp: 423720
Ion Ratio Lower Upper
75 100
110 34.7 17.4 52.3
77 31.4 24.7 37.1

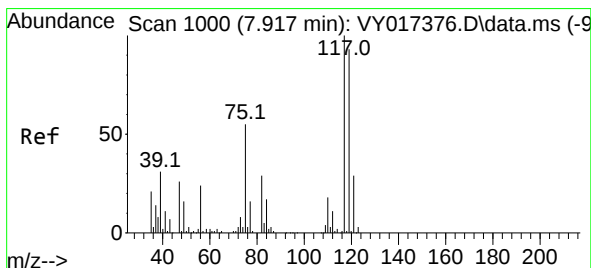
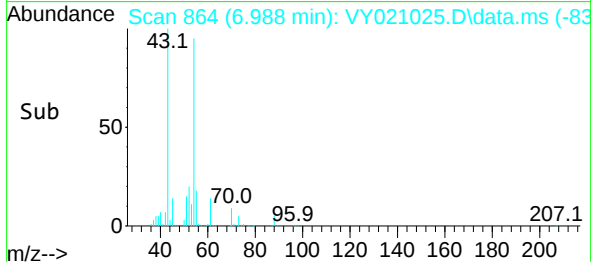
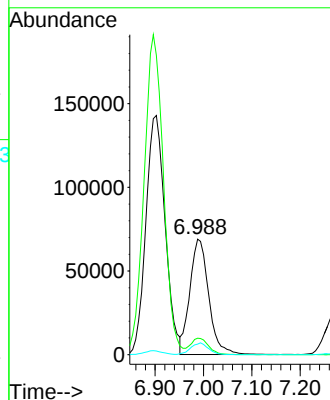
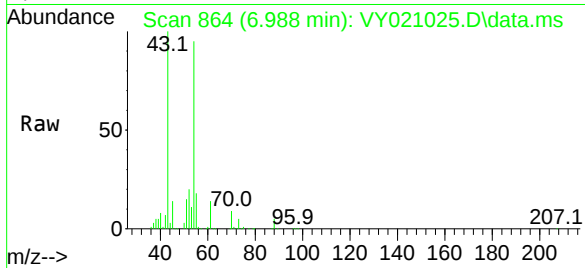




#37
Ethyl Acetate
Concen: 152.878 ug/l
RT: 6.988 min Scan# 80
Delta R.T. -0.106 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

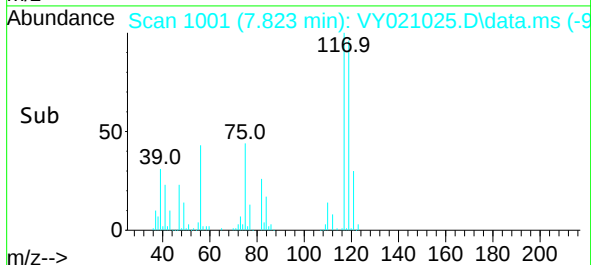
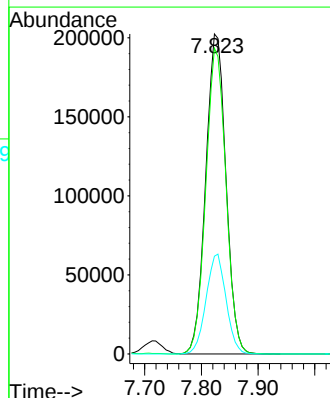
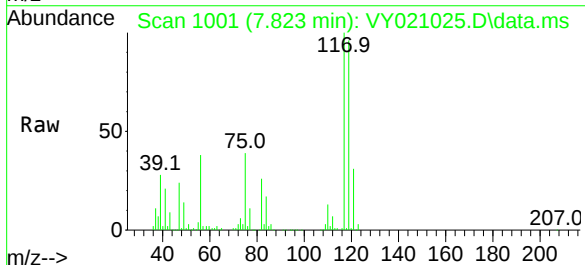
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

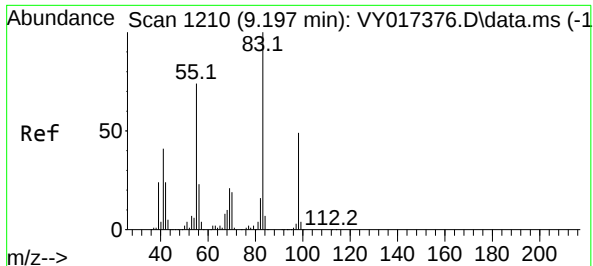
Tgt Ion: 43 Resp: 186661
Ion Ratio Lower Upper
43 100
61 13.2 11.0 16.6
70 9.6 8.1 12.1



#38
Carbon Tetrachloride
Concen: 173.920 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.094 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 117 Resp: 501205
Ion Ratio Lower Upper
117 100
119 95.5 76.0 114.0
121 30.6 24.2 36.2





#39

Methylcyclohexane

Concen: 150.976 ug/l

RT: 9.115 min Scan# 11

Delta R.T. -0.082 min

Lab File: VY021025.D

Acq: 03 Feb 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

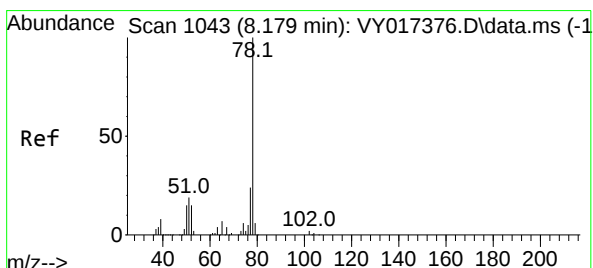
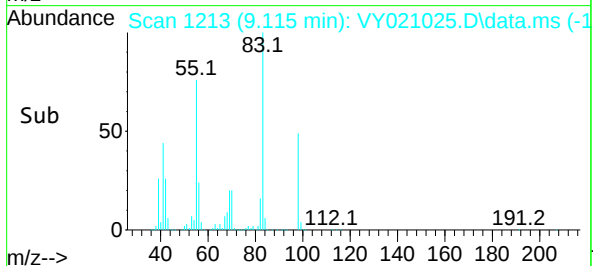
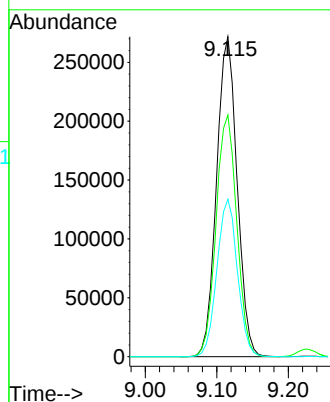
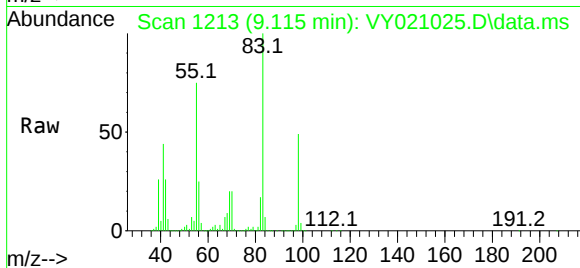
Tgt Ion: 83 Resp: 542900

Ion Ratio Lower Upper

83 100

55 75.5 59.7 89.5

98 49.2 38.0 57.0



#40

Benzene

Concen: 147.276 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.094 min

Lab File: VY021025.D

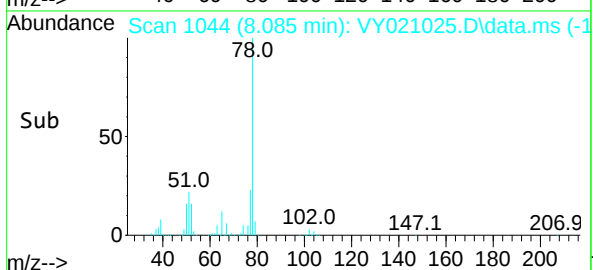
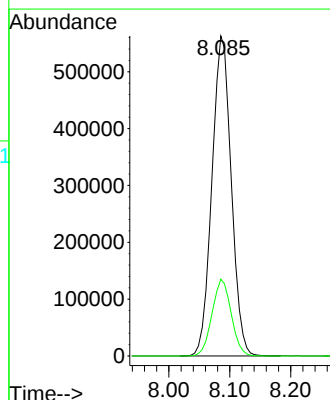
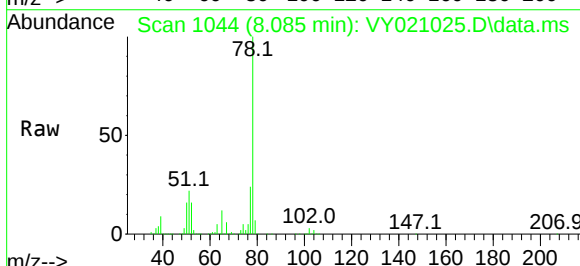
Acq: 03 Feb 2025 12:44

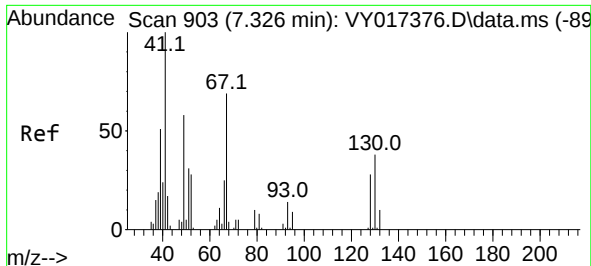
Tgt Ion: 78 Resp: 1239229

Ion Ratio Lower Upper

78 100

77 24.0 18.8 28.2



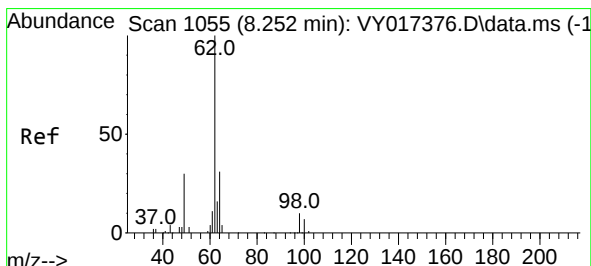
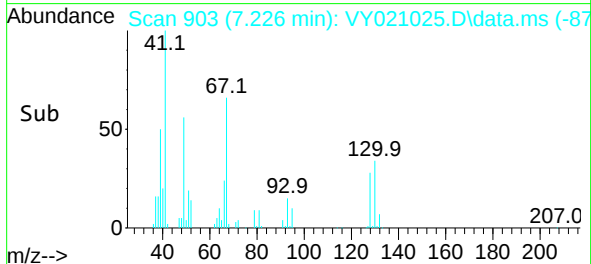
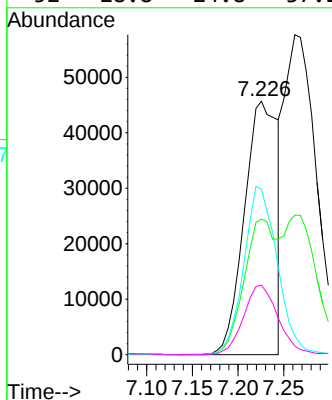
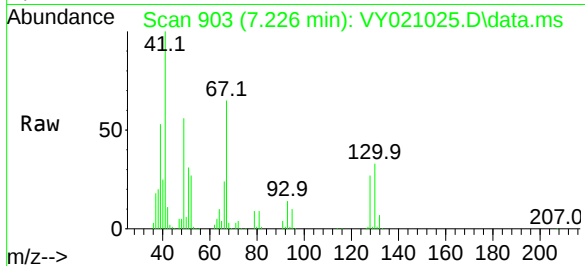


#41
Methacrylonitrile
Concen: 185.172 ug/l
RT: 7.226 min Scan# 90
Delta R.T. -0.100 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 115234

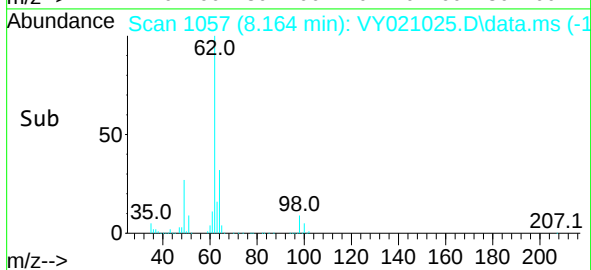
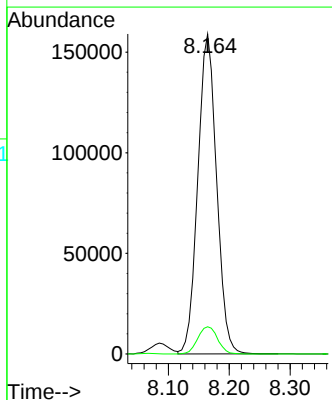
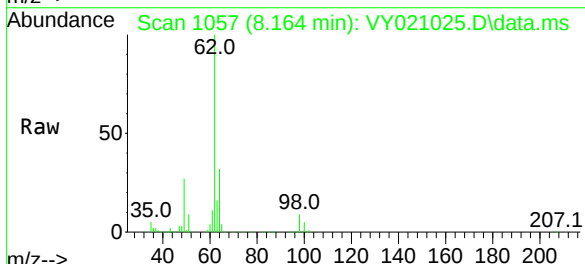
Ion	Ratio	Lower	Upper
41	100		
39	52.7	41.9	62.9
67	67.4	59.8	89.6
52	28.8	24.8	37.2

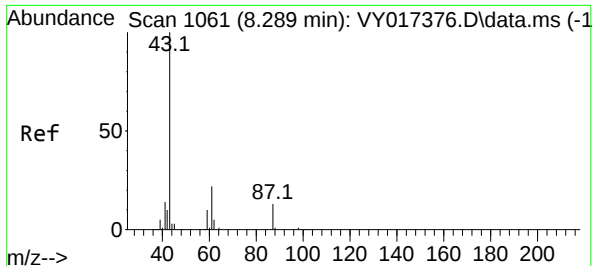


#42
1,2-Dichloroethane
Concen: 159.023 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.088 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 62 Resp: 340547

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	20.2

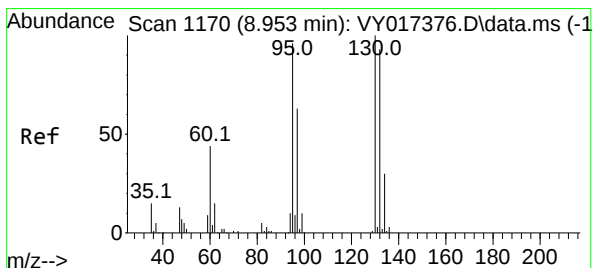
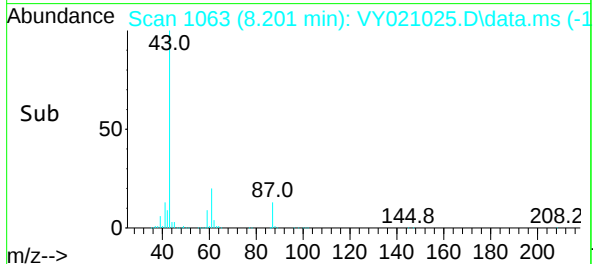
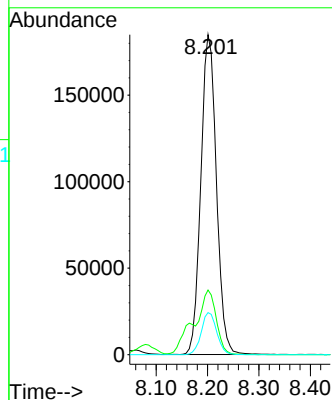
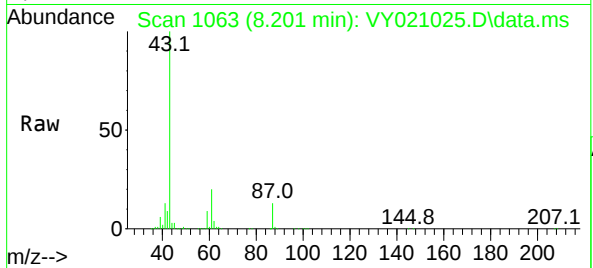




#43
Isopropyl Acetate
Concen: 177.842 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.088 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

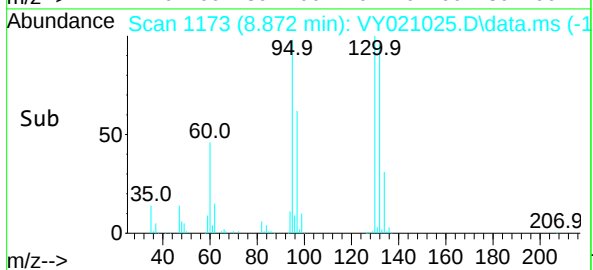
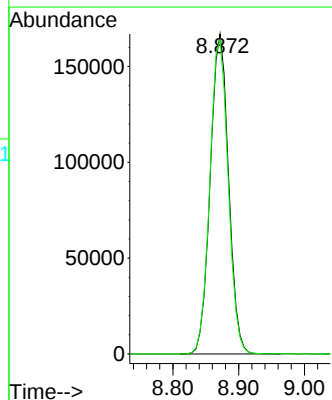
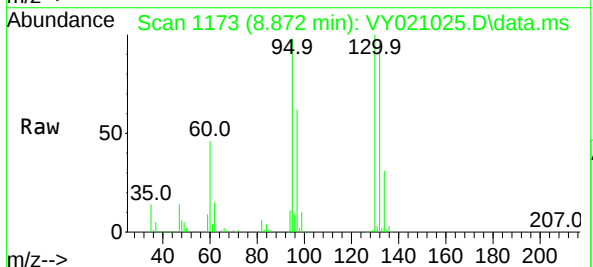
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

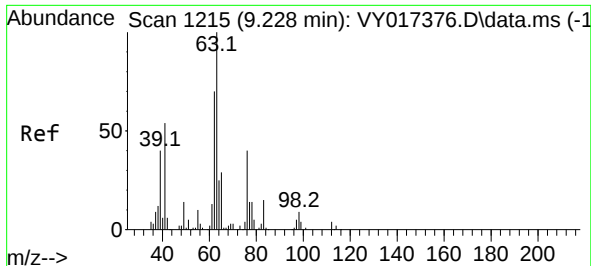
Tgt Ion: 43 Resp: 388966
Ion Ratio Lower Upper
43 100
61 20.0 24.8 37.2#
87 13.1 10.7 16.1



#44
Trichloroethene
Concen: 148.882 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:130 Resp: 323716
Ion Ratio Lower Upper
130 100
95 98.0 0.0 203.8





#45

1,2-Dichloropropane

Concen: 145.255 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.082 min

Lab File: VY021025.D

Acq: 03 Feb 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

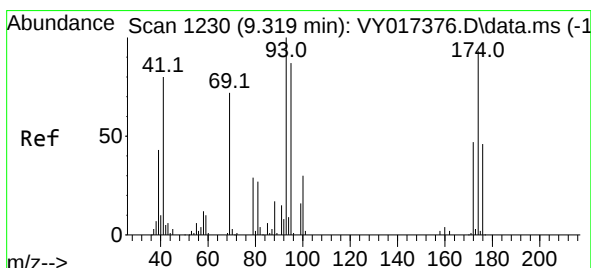
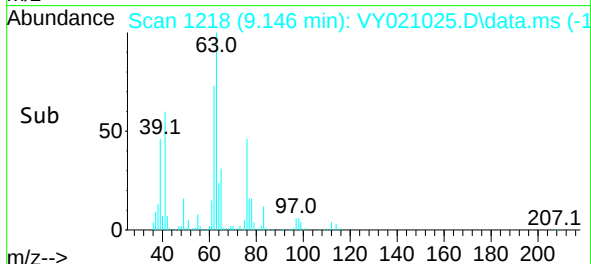
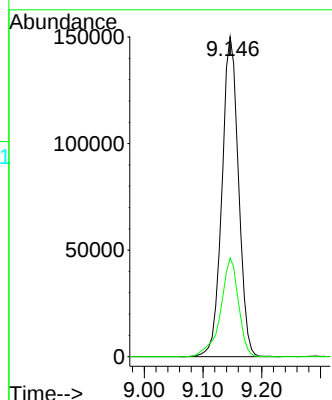
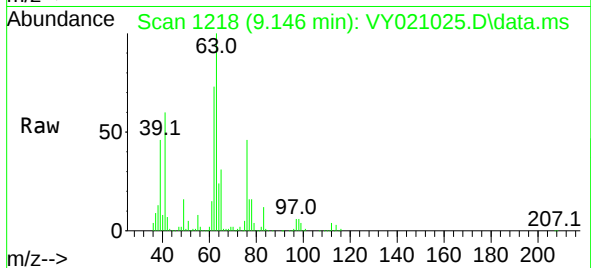
VSTDIC150

Tgt Ion: 63 Resp: 294150

Ion Ratio Lower Upper

63 100

65 30.8 24.6 36.8



#46

Dibromomethane

Concen: 153.538 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.082 min

Lab File: VY021025.D

Acq: 03 Feb 2025 12:44

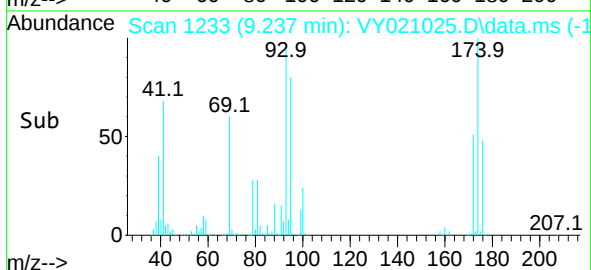
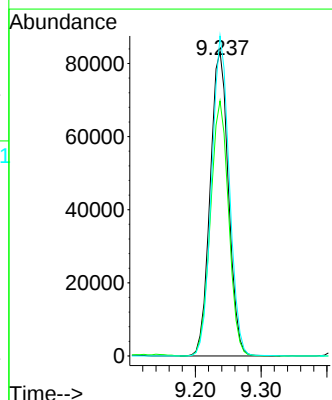
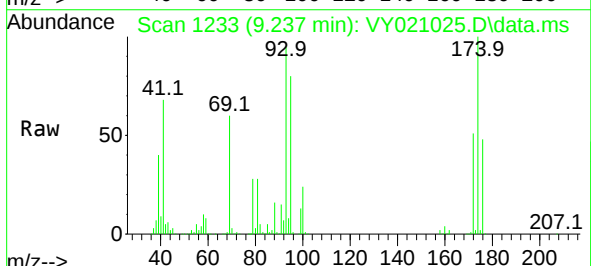
Tgt Ion: 93 Resp: 161341

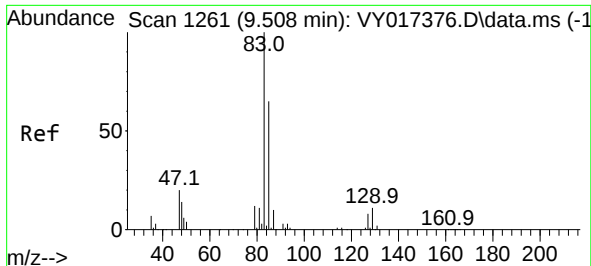
Ion Ratio Lower Upper

93 100

95 82.9 66.6 99.8

174 101.4 73.8 110.6

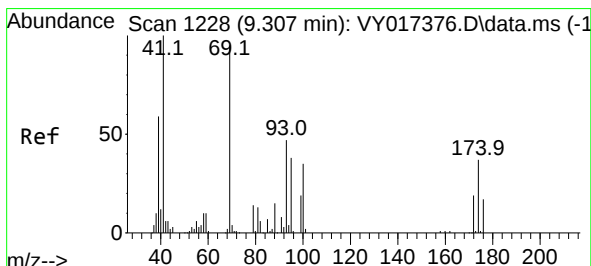
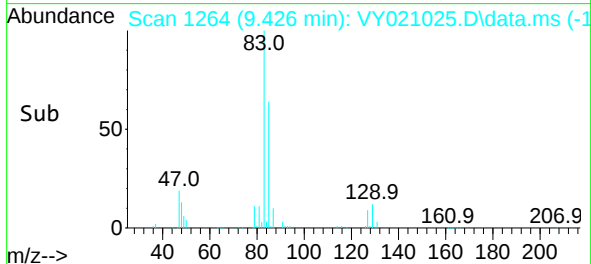
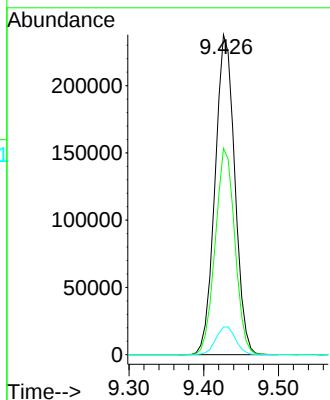
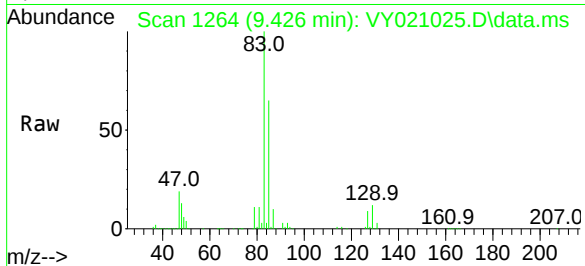




#47
Bromodichloromethane
Concen: 161.734 ug/l
RT: 9.426 min Scan# 1261
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

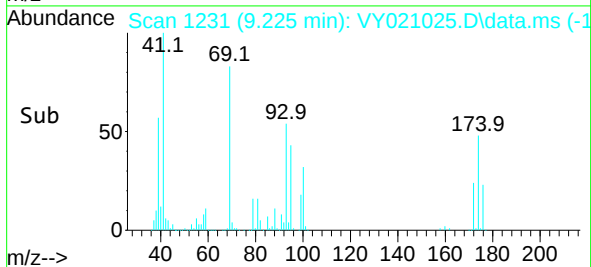
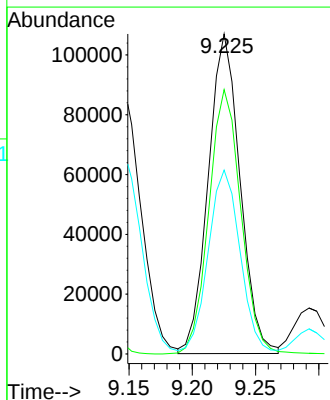
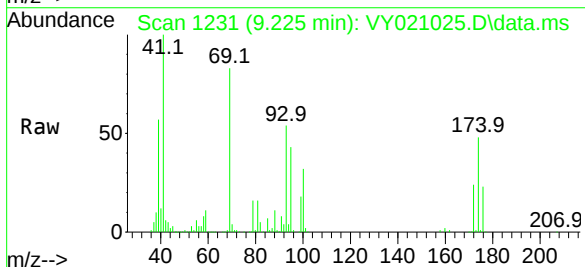
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

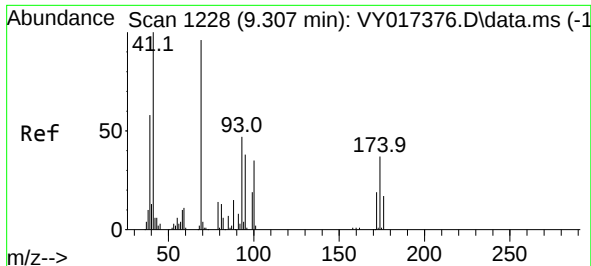
Tgt Ion: 83 Resp: 437119
Ion Ratio Lower Upper
83 100
85 64.5 53.2 79.8
127 8.6 6.4 9.6



#48
Methyl methacrylate
Concen: 162.199 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 41 Resp: 187040
Ion Ratio Lower Upper
41 100
69 83.4 72.1 108.1
39 55.8 42.8 64.2





#49

1,4-Dioxane

Concen: 3020.404 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.076 min

Lab File: VY021025.D

Acq: 03 Feb 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

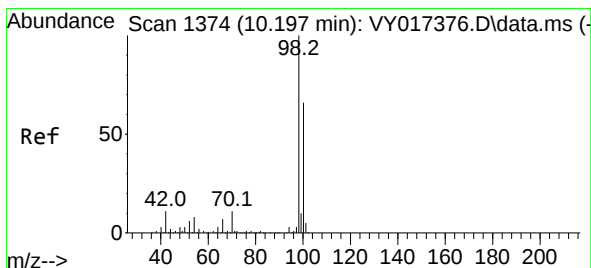
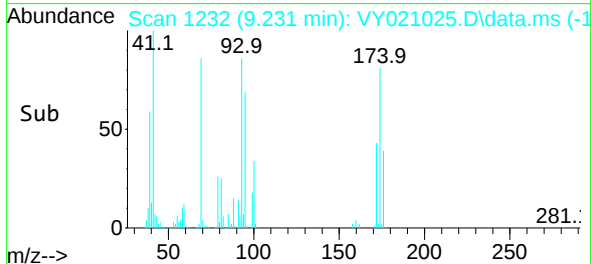
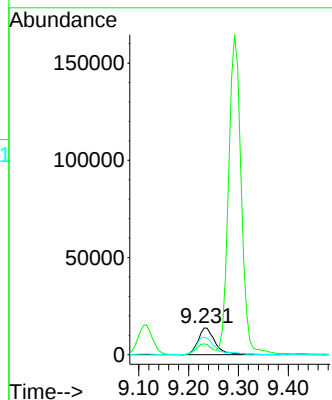
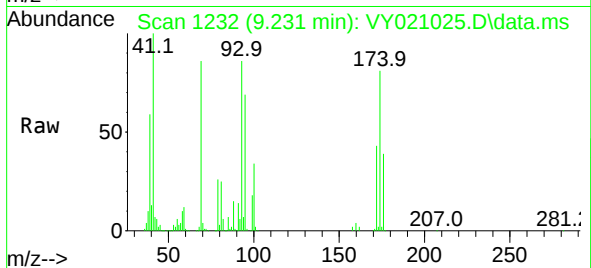
Tgt Ion: 88 Resp: 32704

Ion Ratio Lower Upper

88 100

43 36.2 28.2 42.4

58 72.3 52.2 78.2



#50

Toluene-d8

Concen: 156.398 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.088 min

Lab File: VY021025.D

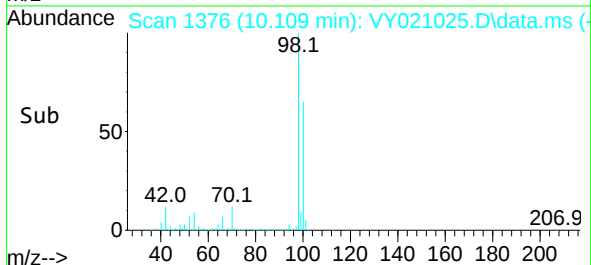
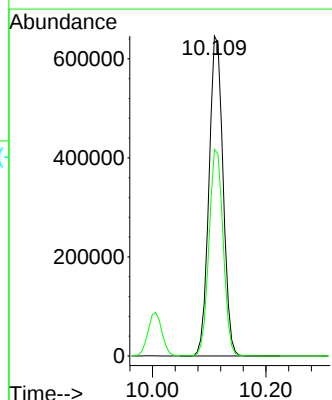
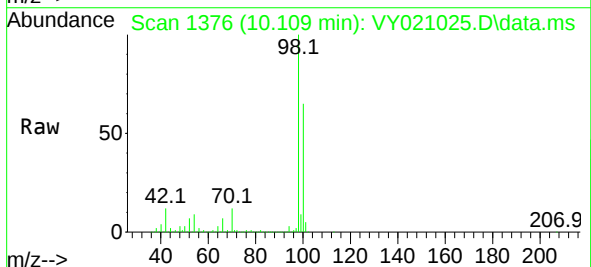
Acq: 03 Feb 2025 12:44

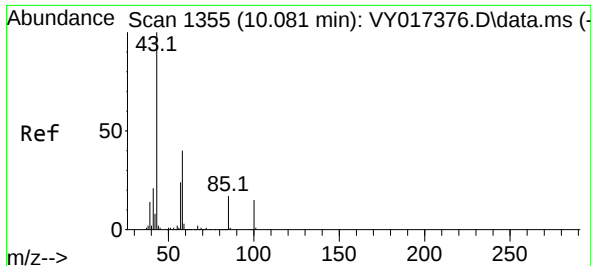
Tgt Ion: 98 Resp: 1111573

Ion Ratio Lower Upper

98 100

100 64.9 52.3 78.5

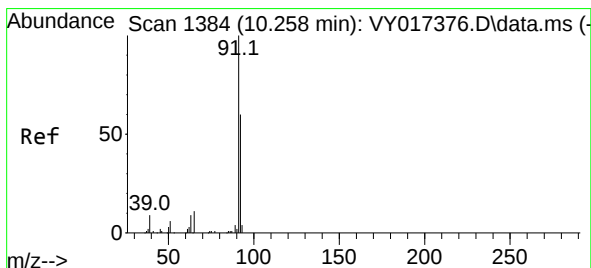
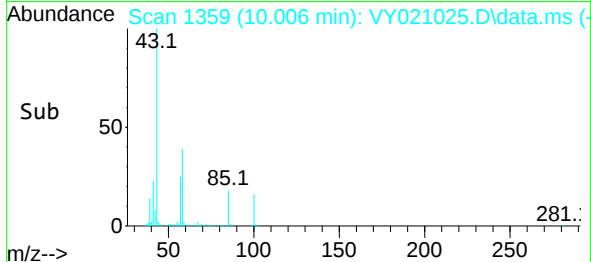
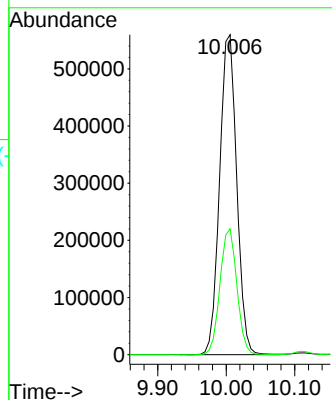
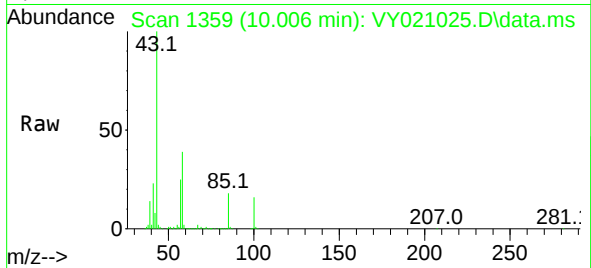




#51
4-Methyl-2-Pentanone
Concen: 812.473 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. -0.076 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

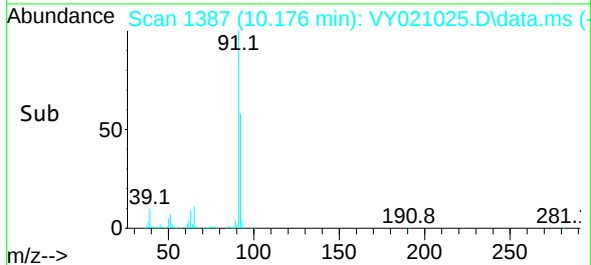
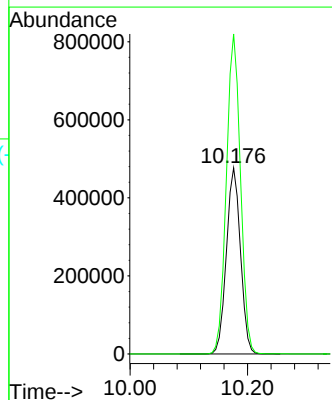
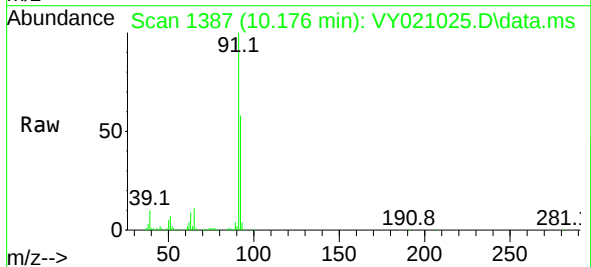
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

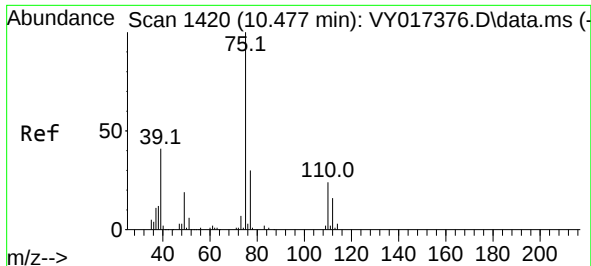
Tgt Ion: 43 Resp: 965506
Ion Ratio Lower Upper
43 100
58 38.9 32.2 48.2



#52
Toluene
Concen: 154.914 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 92 Resp: 792134
Ion Ratio Lower Upper
92 100
91 172.3 137.6 206.4

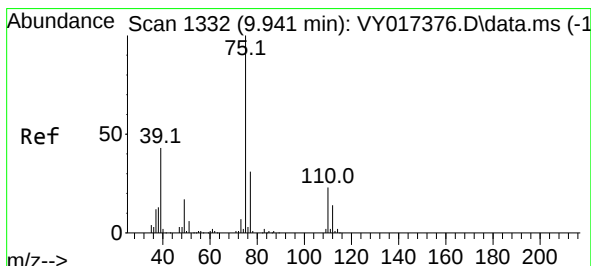
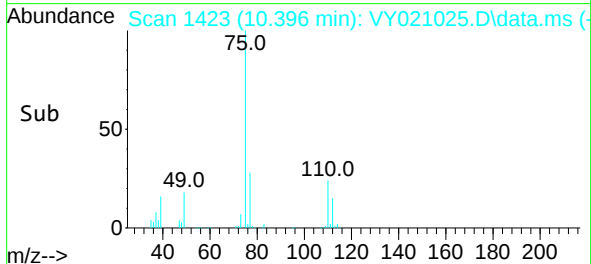
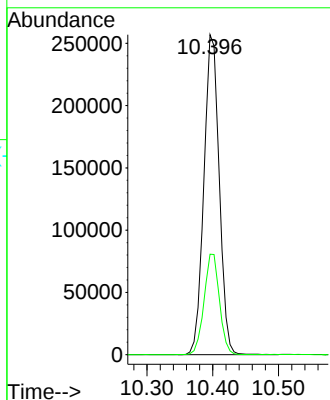
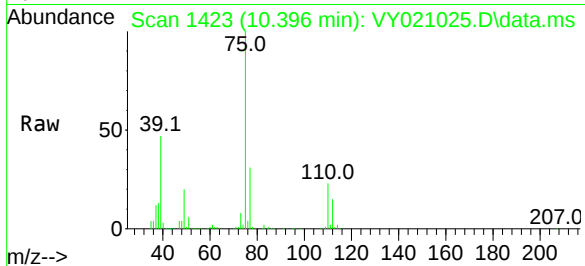




#53
t-1,3-Dichloropropene
Concen: 166.490 ug/l
RT: 10.396 min Scan# 1420
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

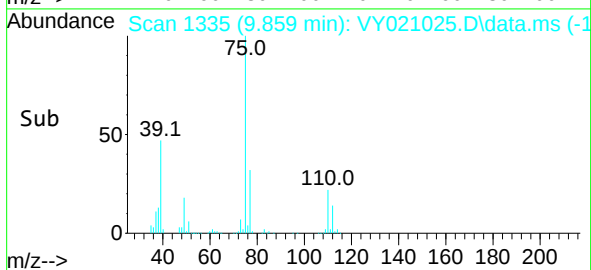
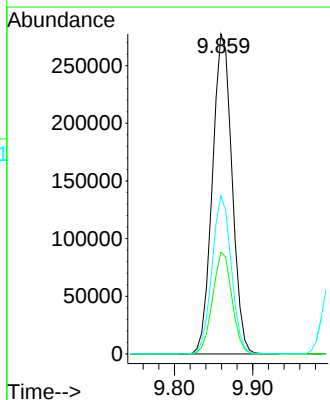
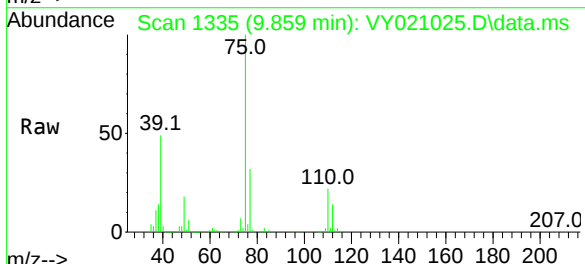
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

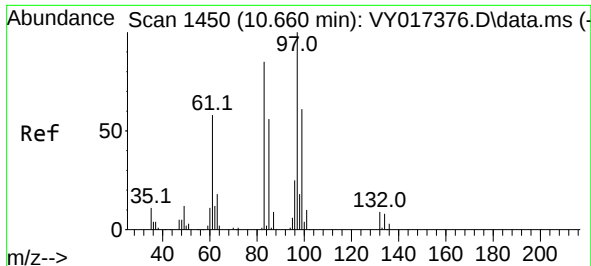
Tgt Ion: 75 Resp: 416872
Ion Ratio Lower Upper
75 100
77 31.4 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 157.719 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 75 Resp: 483429
Ion Ratio Lower Upper
75 100
77 31.8 24.6 36.8
39 49.4 33.6 50.4

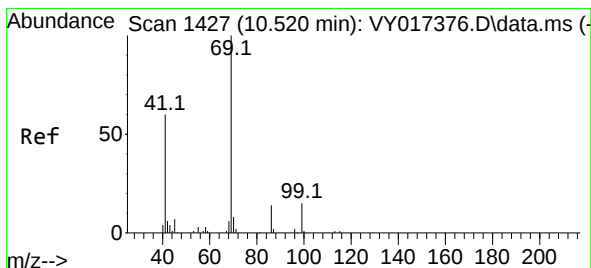
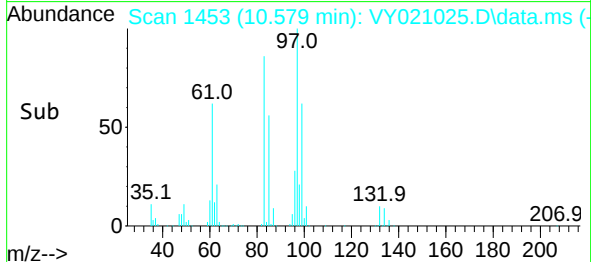
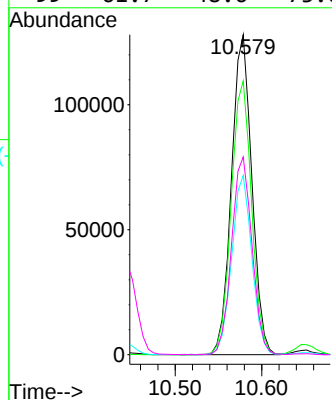
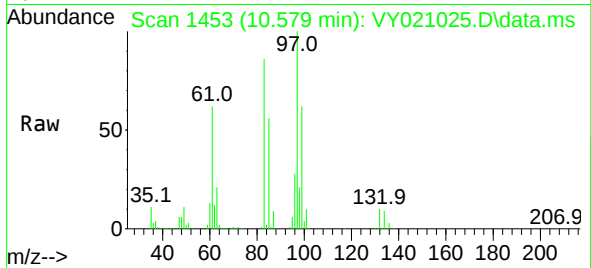




#55
1,1,2-Trichloroethane
Concen: 145.030 ug/l
RT: 10.579 min Scan# 1450
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

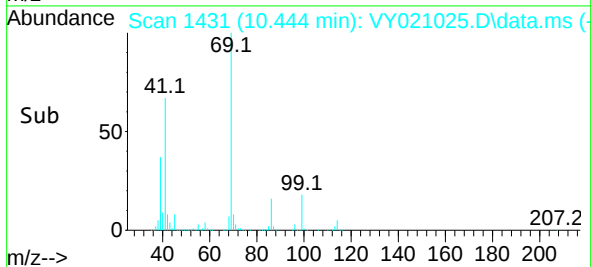
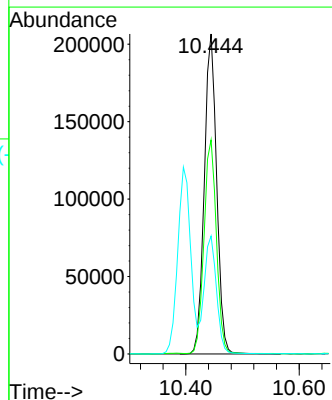
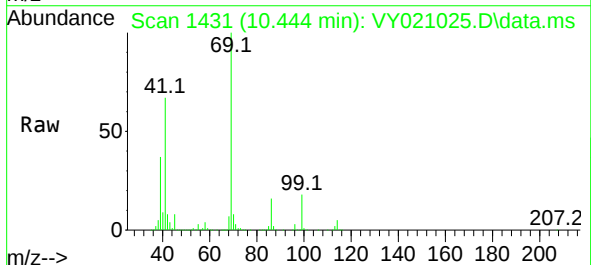
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

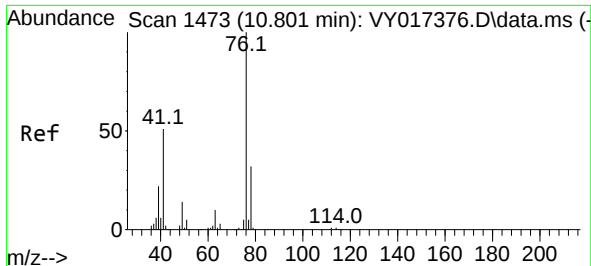
Tgt Ion:	97	Resp:	209006
Ion	Ratio	Lower	Upper
97	100		
83	85.6	69.4	104.2
85	56.0	43.9	65.9
99	61.7	48.6	73.0



#56
Ethyl methacrylate
Concen: 213.398 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.076 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:	69	Resp:	313458
Ion	Ratio	Lower	Upper
69	100		
41	67.0	49.2	73.8
39	37.0	26.8	40.2





#57

1,3-Dichloropropane

Concen: 147.276 ug/l

RT: 10.725 min Scan# 1473

Delta R.T. -0.076 min

Lab File: VY021025.D

Acq: 03 Feb 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

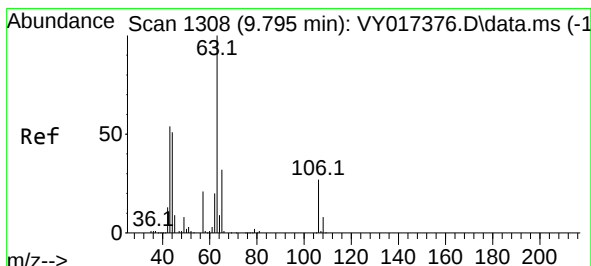
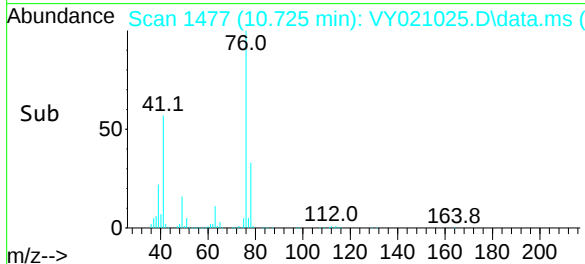
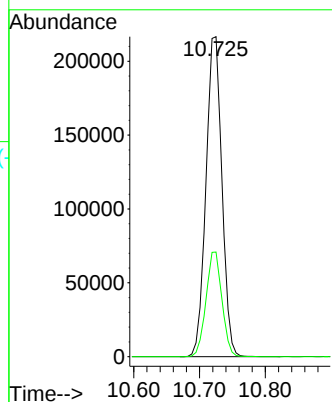
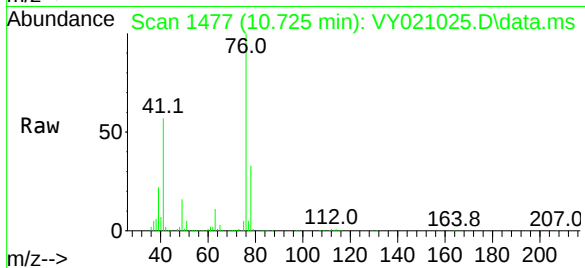
VSTDIC150

Tgt Ion: 76 Resp: 365553

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 766.301 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.082 min

Lab File: VY021025.D

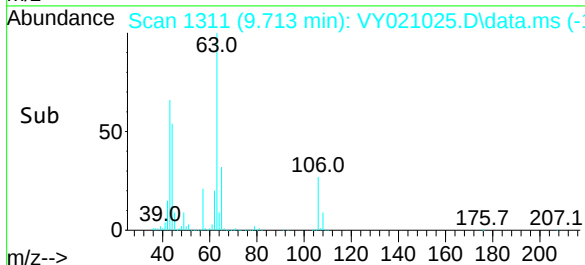
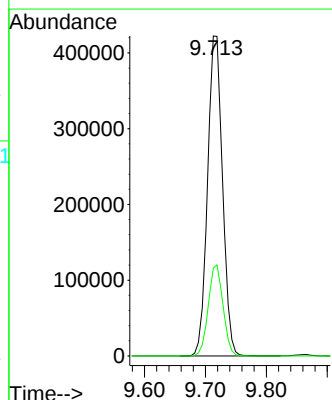
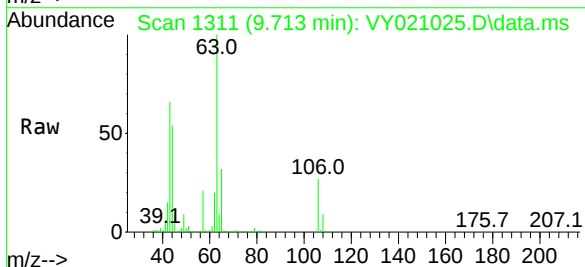
Acq: 03 Feb 2025 12:44

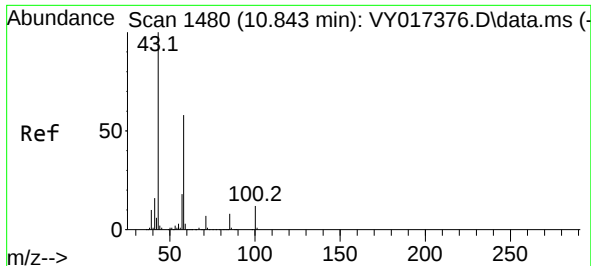
Tgt Ion: 63 Resp: 721923

Ion Ratio Lower Upper

63 100

106 28.0 22.4 33.6

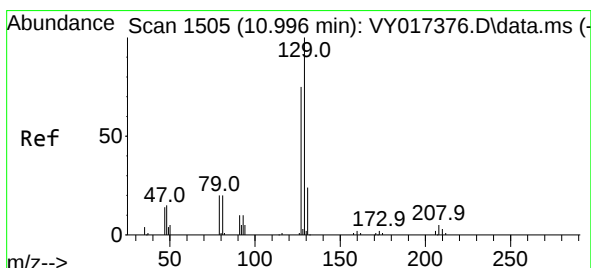
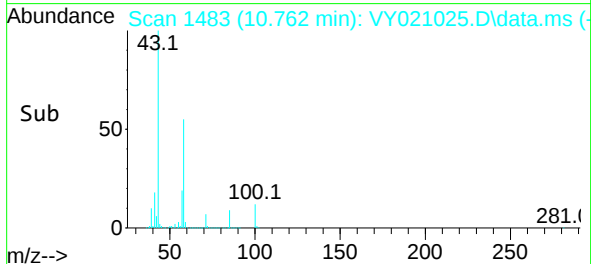
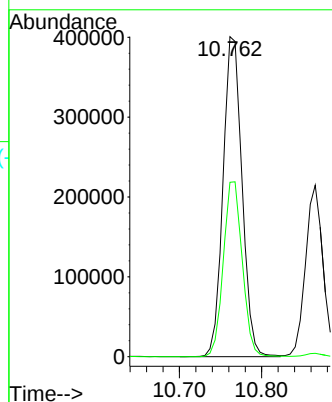
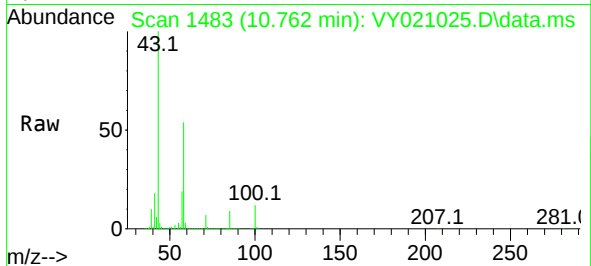




#59
2-Hexanone
Concen: 752.306 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

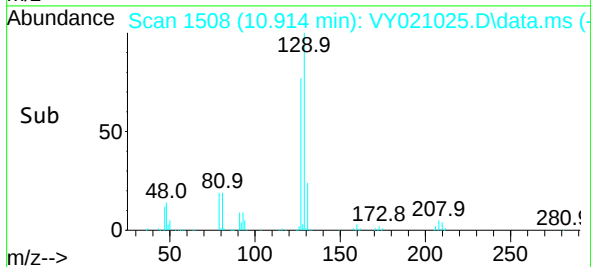
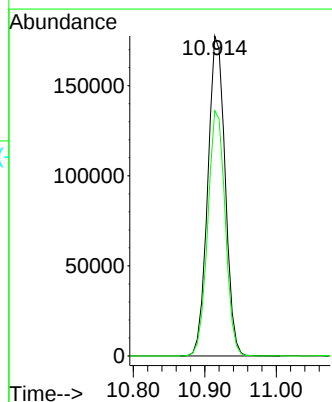
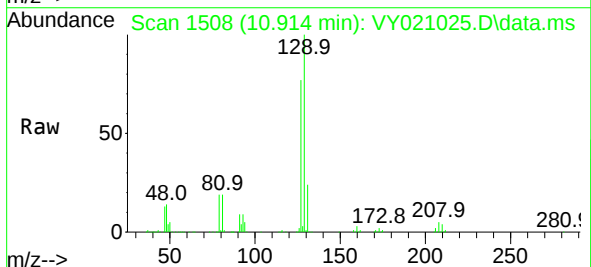
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

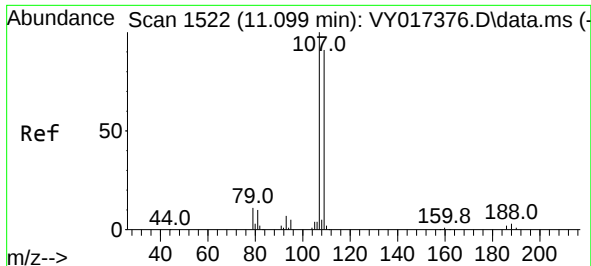
Tgt Ion: 43 Resp: 642448
Ion Ratio Lower Upper
43 100
58 54.6 28.1 84.3



#60
Dibromochloromethane
Concen: 178.499 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:129 Resp: 298751
Ion Ratio Lower Upper
129 100
127 76.9 39.2 117.6

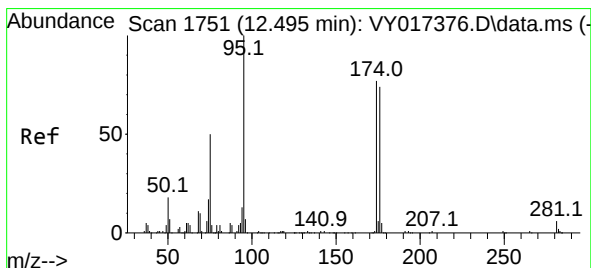
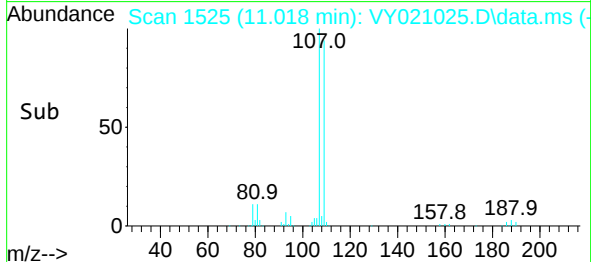
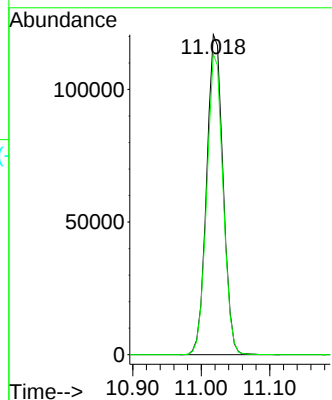
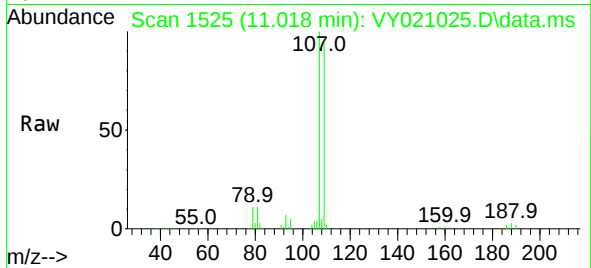




#61
1,2-Dibromoethane
Concen: 151.965 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

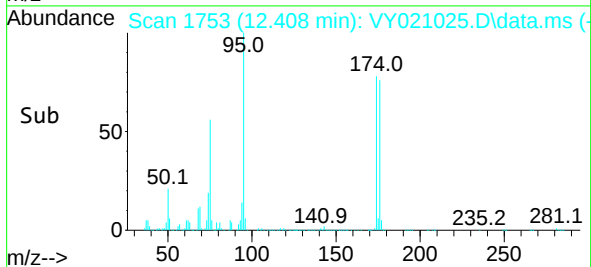
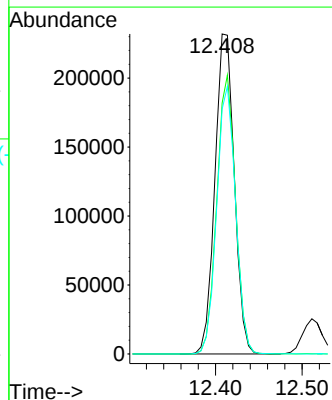
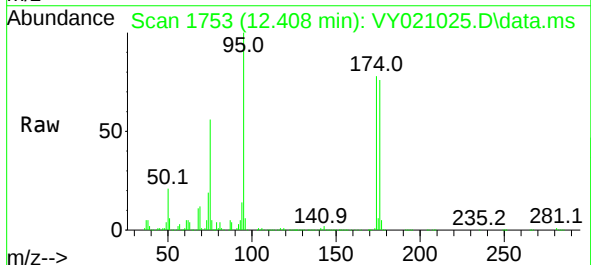
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

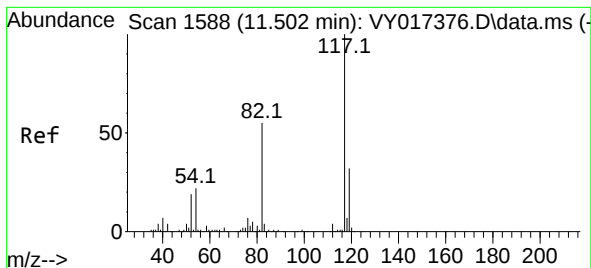
Tgt Ion:107 Resp: 200840
Ion Ratio Lower Upper
107 100
109 93.5 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 165.389 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.088 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 95 Resp: 360358
Ion Ratio Lower Upper
95 100
174 84.2 0.0 160.0
176 81.4 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.082 min

Lab File: VY021025.D

Acq: 03 Feb 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

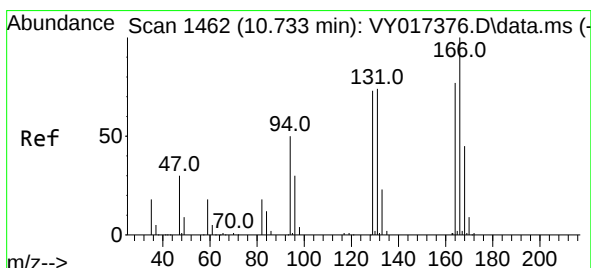
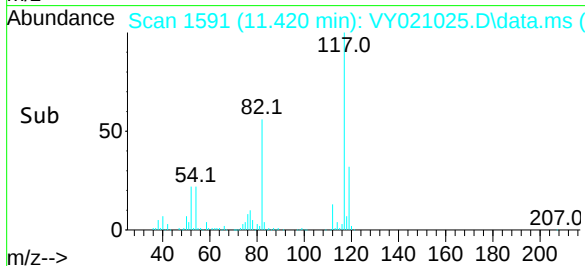
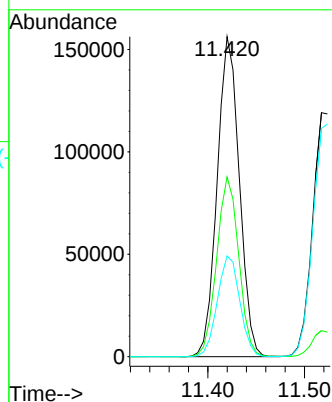
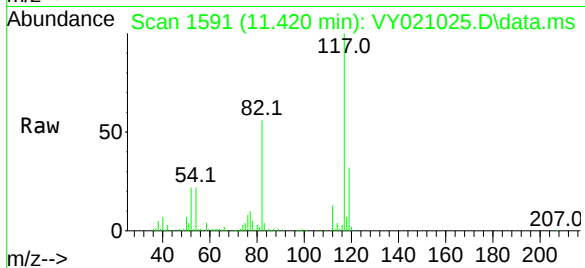
Tgt Ion:117 Resp: 248527

Ion Ratio Lower Upper

117 100

82 56.2 43.8 65.8

119 31.5 26.5 39.7



#64

Tetrachloroethene

Concen: 157.146 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.082 min

Lab File: VY021025.D

Acq: 03 Feb 2025 12:44

Tgt Ion:164 Resp: 288752

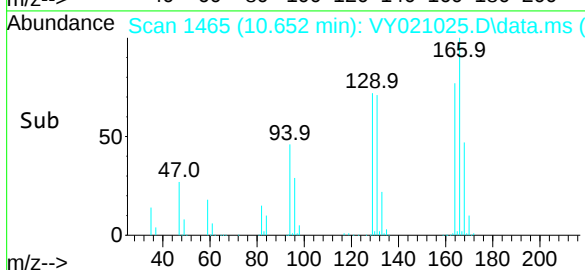
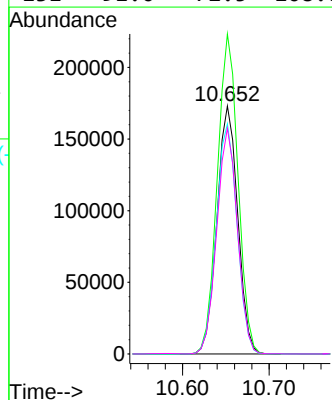
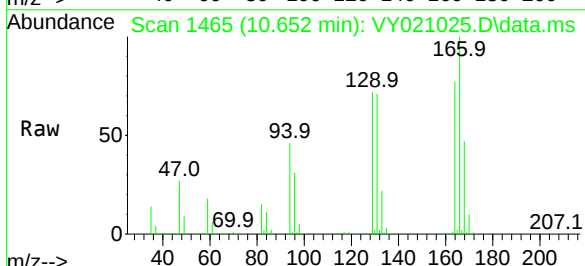
Ion Ratio Lower Upper

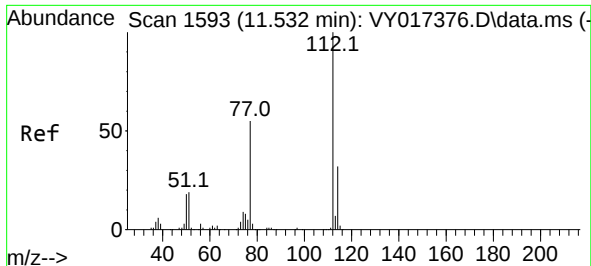
164 100

166 129.1 98.8 148.2

129 92.8 78.9 118.3

131 91.0 72.5 108.7

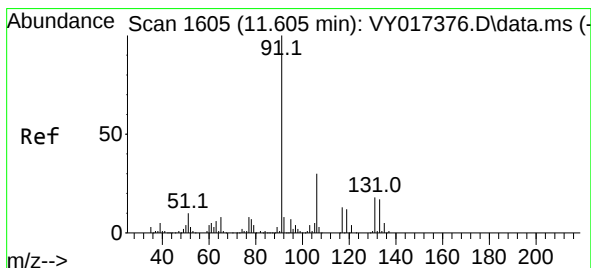
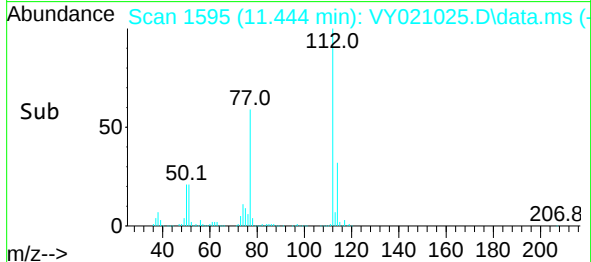
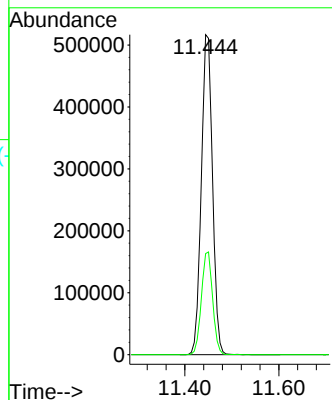
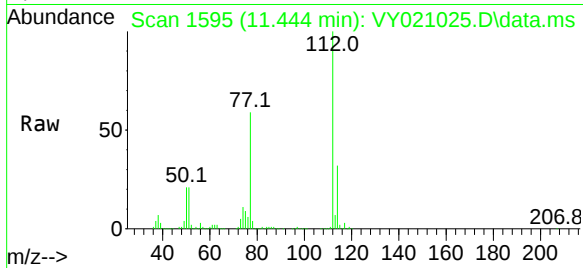




#65
Chlorobenzene
Concen: 162.172 ug/l
RT: 11.444 min Scan# 1111
Delta R.T. -0.088 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

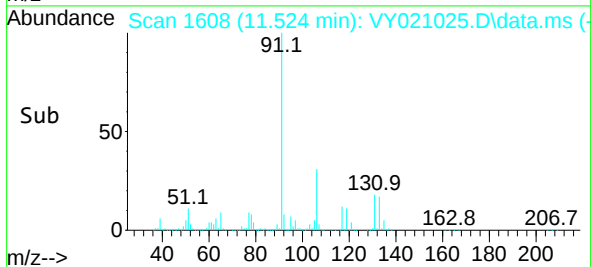
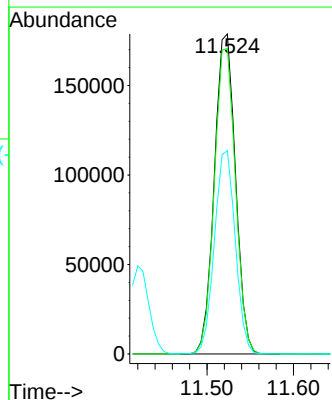
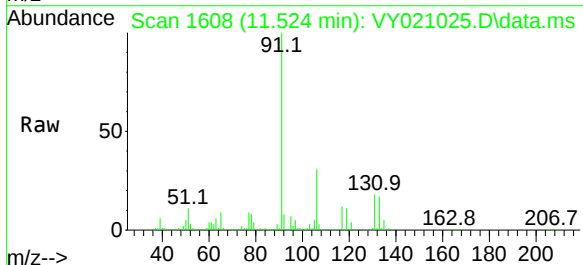
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

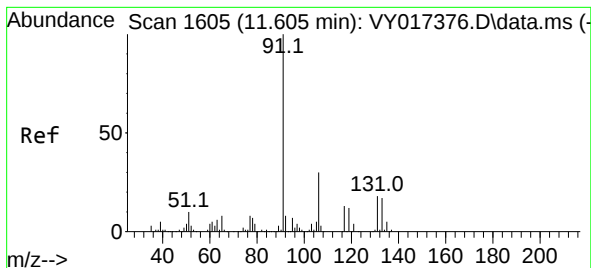
Tgt Ion:112 Resp: 854481
Ion Ratio Lower Upper
112 100
114 31.6 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 159.965 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:131 Resp: 303176
Ion Ratio Lower Upper
131 100
133 95.7 47.0 141.0
119 62.8 33.3 99.9





#67

Ethyl Benzene

Concen: 243.252 ug/l

RT: 11.633 min Scan# 1

Delta R.T. 0.028 min

Lab File: VY021025.D

Acq: 03 Feb 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

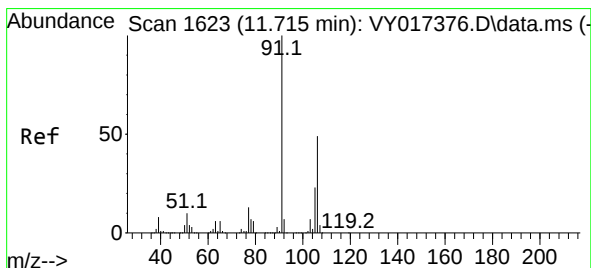
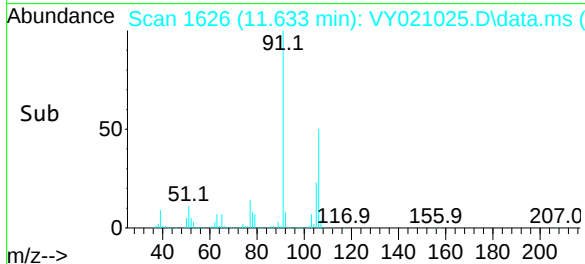
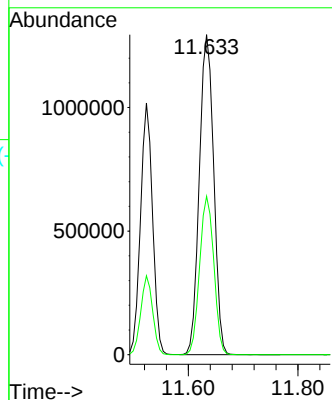
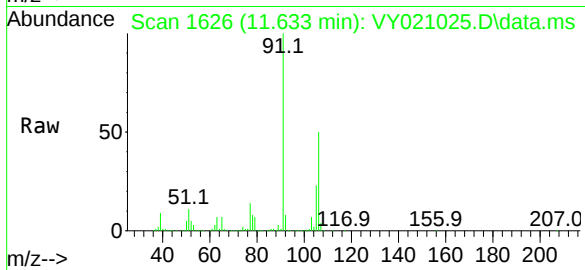
VSTDIC150

Tgt Ion: 91 Resp: 2360814

Ion Ratio Lower Upper

91 100

106 49.5 25.0 37.4#



#68

m/p-Xylenes

Concen: 314.940 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.082 min

Lab File: VY021025.D

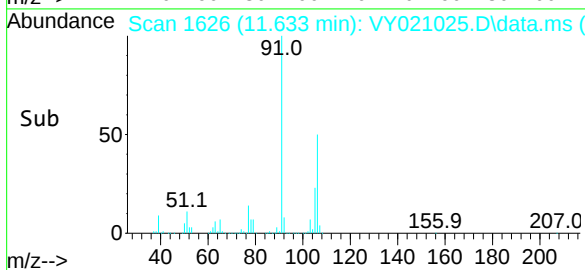
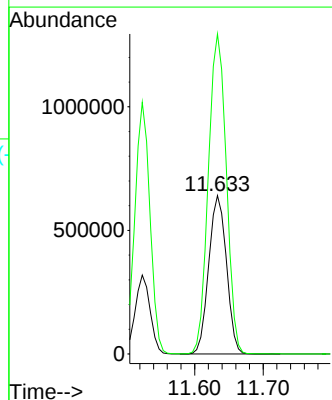
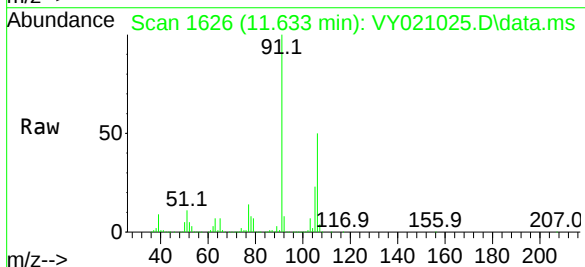
Acq: 03 Feb 2025 12:44

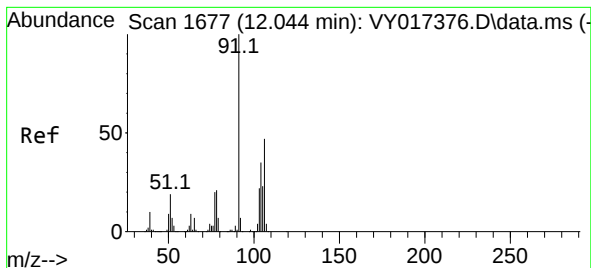
Tgt Ion:106 Resp: 1152452

Ion Ratio Lower Upper

106 100

91 204.9 160.7 241.1





#69

o-Xylene

Concen: 164.162 ug/l

RT: 11.963 min Scan# 1680

Delta R.T. -0.082 min

Lab File: VY021025.D

Acq: 03 Feb 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

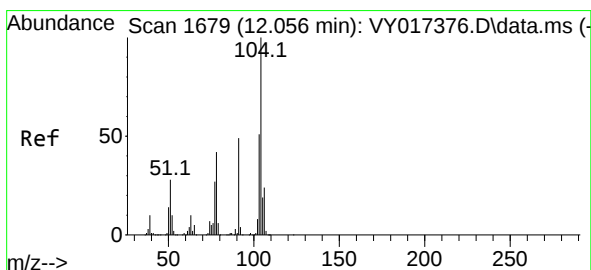
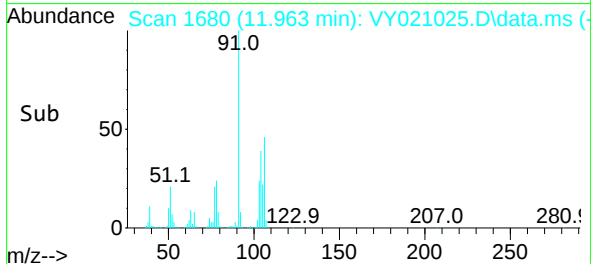
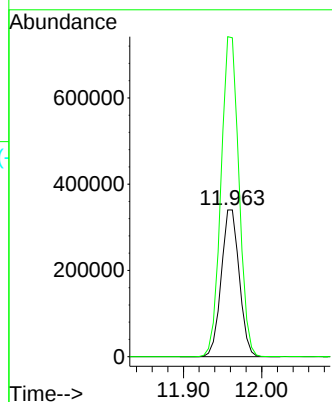
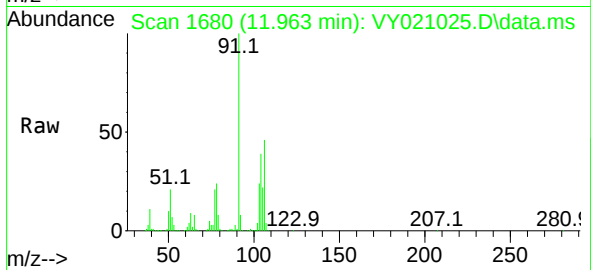
VSTDIC150

Tgt Ion:106 Resp: 543425

Ion Ratio Lower Upper

106 100

91 217.3 106.5 319.5



#70

Styrene

Concen: 177.408 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. -0.082 min

Lab File: VY021025.D

Acq: 03 Feb 2025 12:44

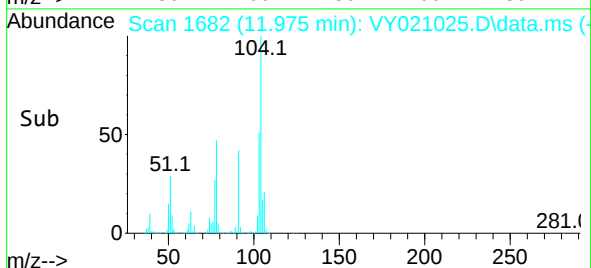
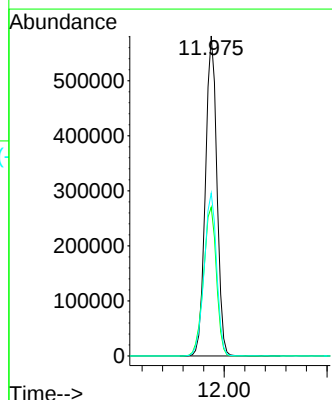
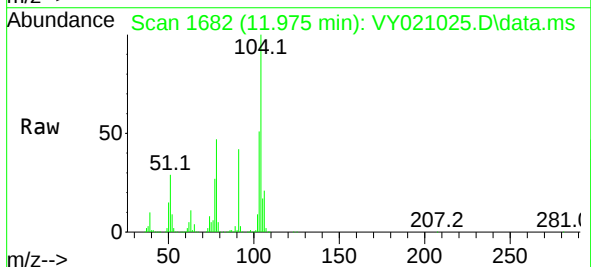
Tgt Ion:104 Resp: 900989

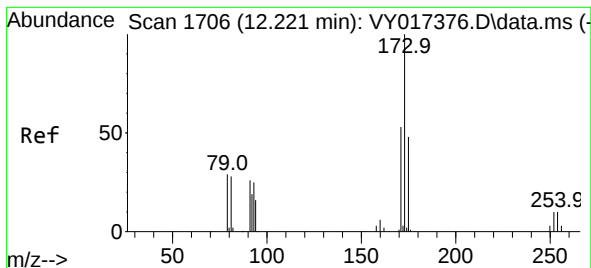
Ion Ratio Lower Upper

104 100

78 52.1 39.2 58.8

103 55.3 43.8 65.6





#71

Bromoform

Concen: 186.022 ug/l

RT: 12.139 min Scan# 1709

Delta R.T. -0.082 min

Lab File: VY021025.D

Acq: 03 Feb 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

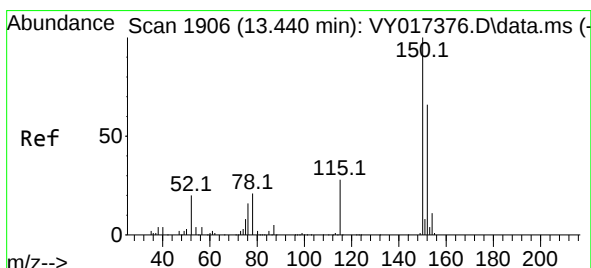
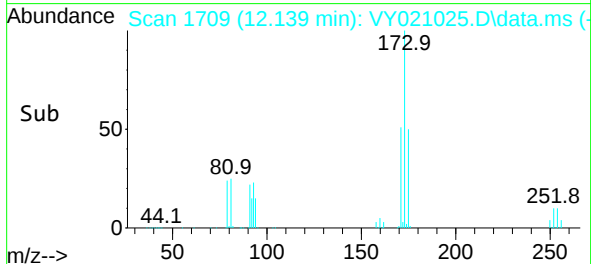
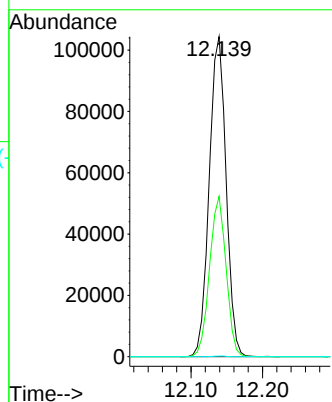
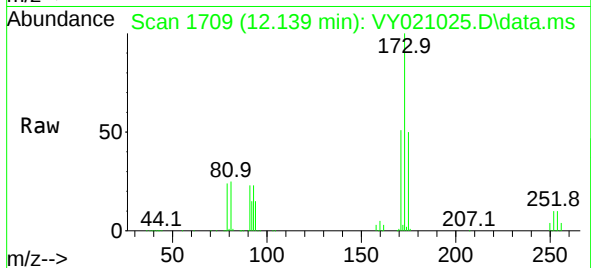
Tgt Ion:173 Resp: 170929

Ion Ratio Lower Upper

173 100

175 48.9 23.5 70.6

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.088 min

Lab File: VY021025.D

Acq: 03 Feb 2025 12:44

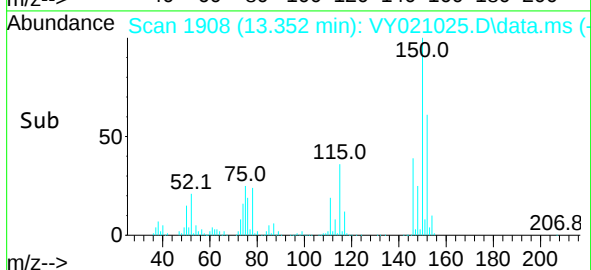
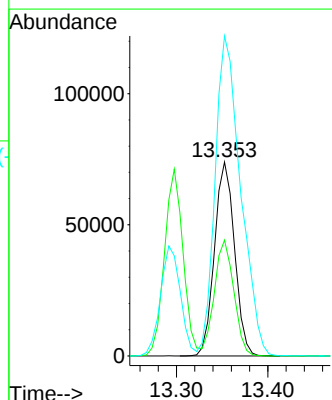
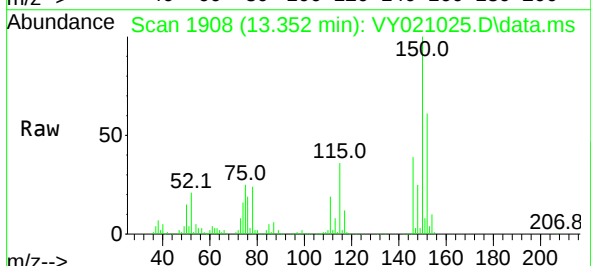
Tgt Ion:152 Resp: 112575

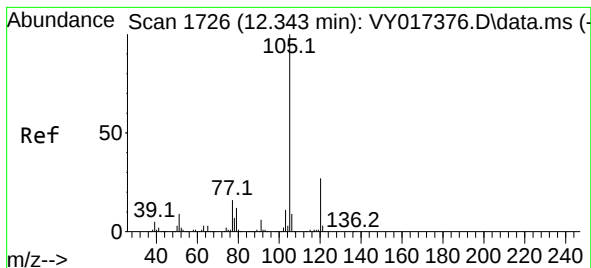
Ion Ratio Lower Upper

152 100

115 57.8 30.0 90.0

150 210.4 0.0 344.6





#73

Isopropylbenzene

Concen: 153.455 ug/l

RT: 12.261 min Scan# 1

Delta R.T. -0.082 min

Lab File: VY021025.D

Acq: 03 Feb 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

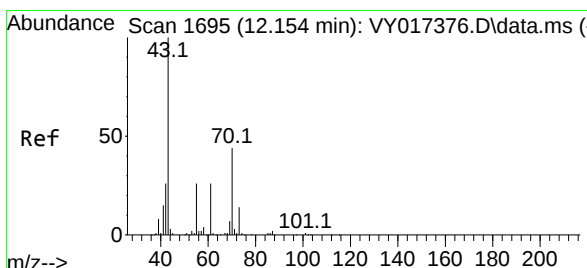
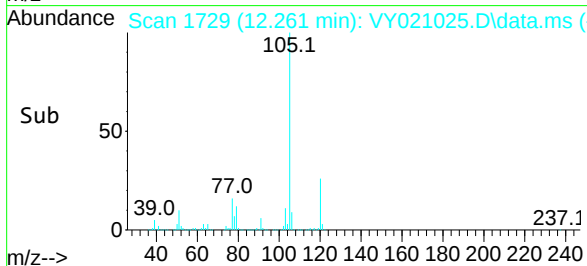
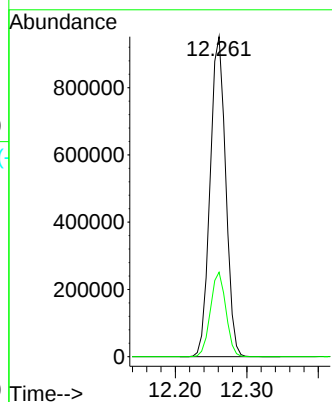
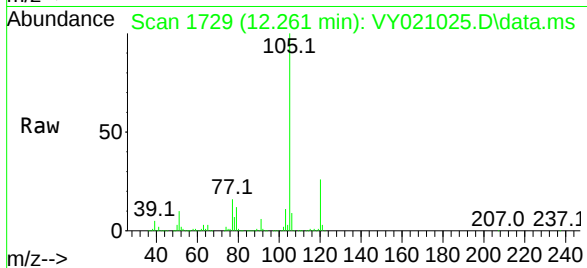
VSTDIC150

Tgt Ion:105 Resp: 1439642

Ion Ratio Lower Upper

105 100

120 26.2 13.0 39.0



#74

N-amy1 acetate

Concen: 181.987 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.082 min

Lab File: VY021025.D

Acq: 03 Feb 2025 12:44

Tgt Ion: 43 Resp: 337562

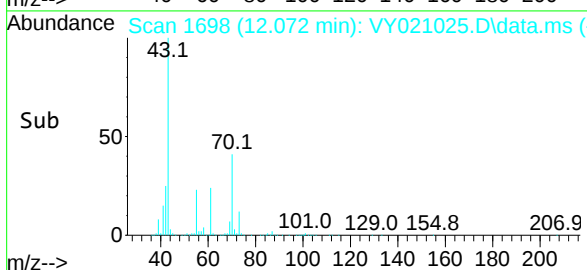
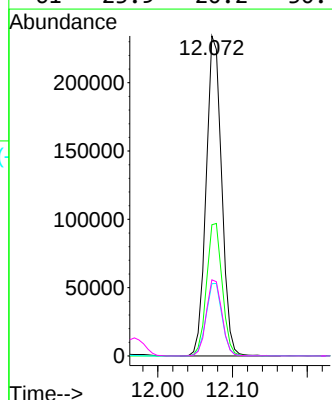
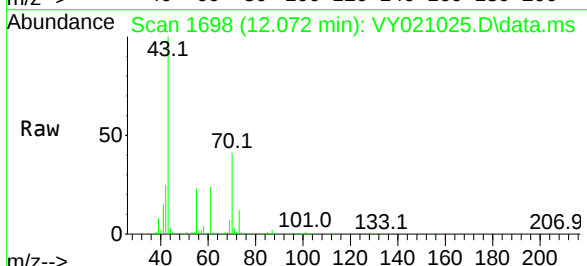
Ion Ratio Lower Upper

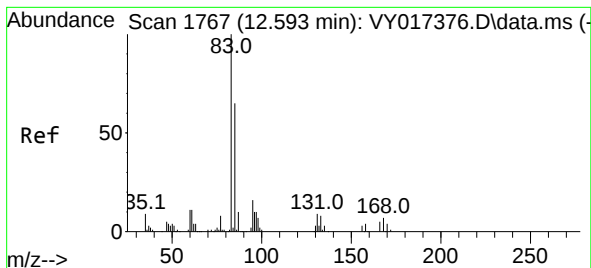
43 100

70 41.9 36.6 55.0

55 23.4 22.2 33.4

61 23.9 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 136.546 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. -0.082 min

Lab File: VY021025.D

Acq: 03 Feb 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

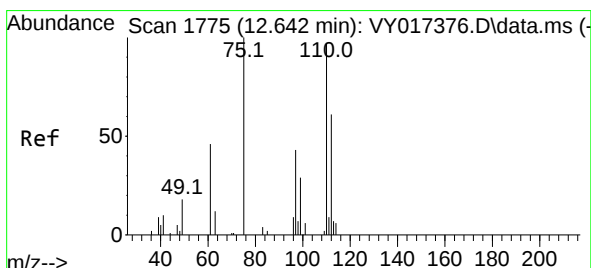
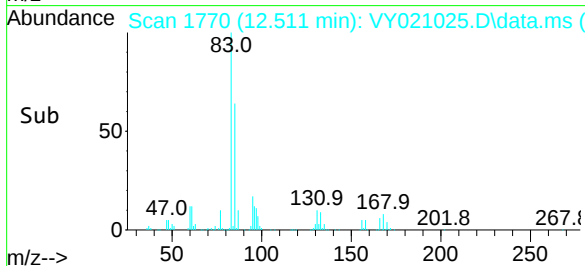
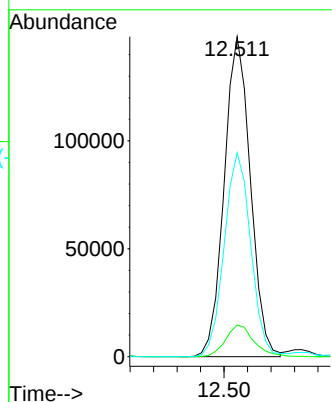
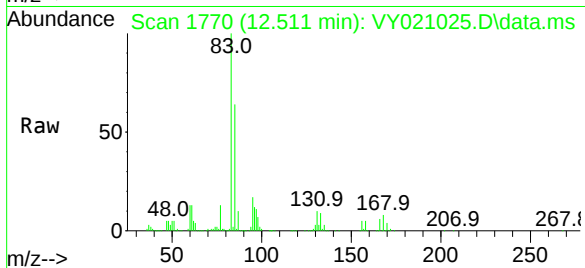
Tgt Ion: 83 Resp: 229575

Ion Ratio Lower Upper

83 100

131 10.7 4.9 14.6

85 64.5 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 25.245 ug/l

RT: 12.688 min Scan# 1799

Delta R.T. 0.046 min

Lab File: VY021025.D

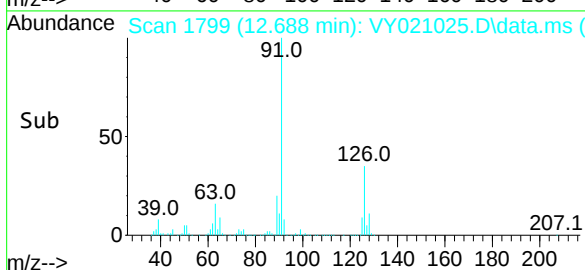
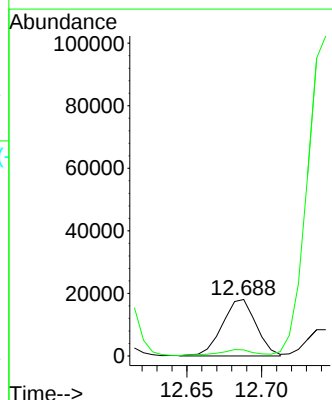
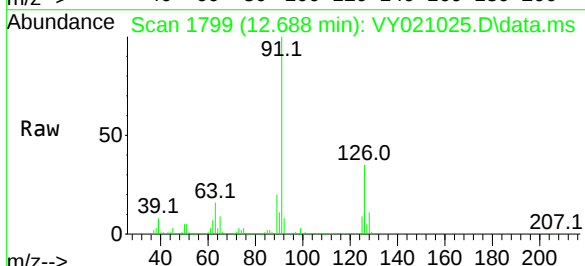
Acq: 03 Feb 2025 12:44

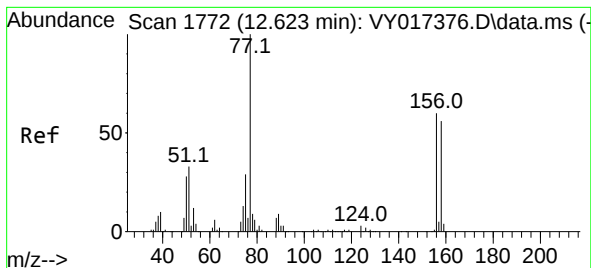
Tgt Ion: 75 Resp: 28402

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 167.148 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. -0.088 min

Lab File: VY021025.D

Acq: 03 Feb 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

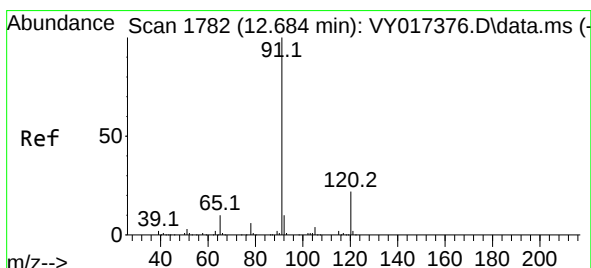
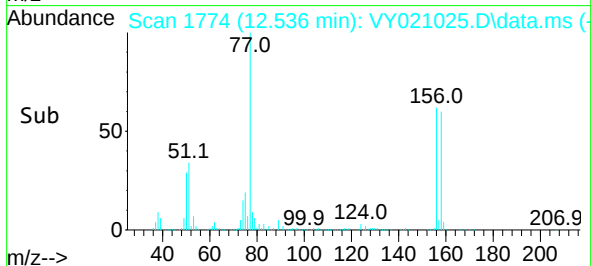
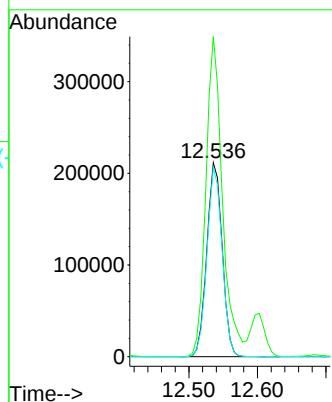
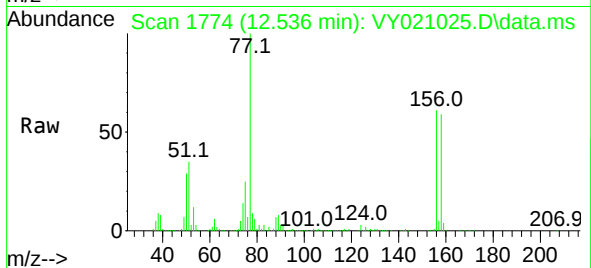
Tgt Ion:156 Resp: 330230

Ion Ratio Lower Upper

156 100

77 177.0 97.3 291.8

158 96.2 48.4 145.0



#78

n-propylbenzene

Concen: 147.779 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. -0.082 min

Lab File: VY021025.D

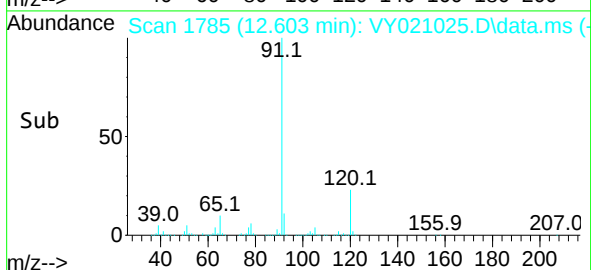
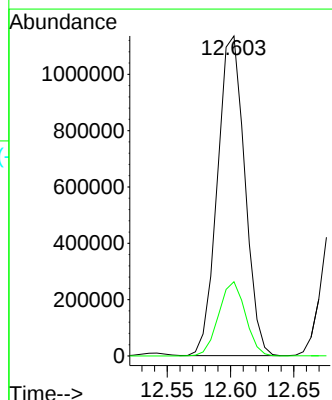
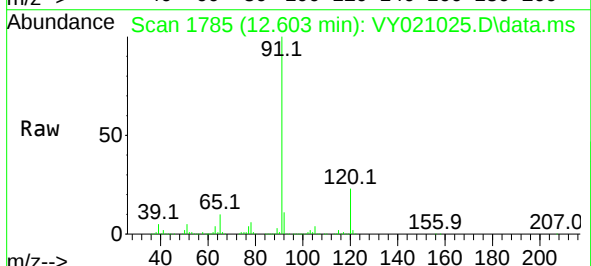
Acq: 03 Feb 2025 12:44

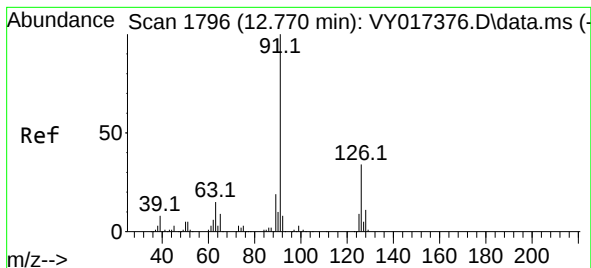
Tgt Ion: 91 Resp: 1706799

Ion Ratio Lower Upper

91 100

120 22.7 11.0 33.0





#79

2-Chlorotoluene

Concen: 154.410 ug/l

RT: 12.786 min Scan# 1815

Delta R.T. 0.016 min

Lab File: VY021025.D

Acq: 03 Feb 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

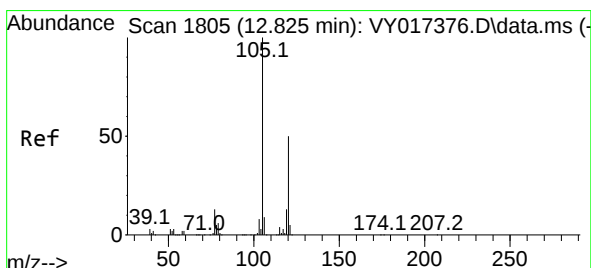
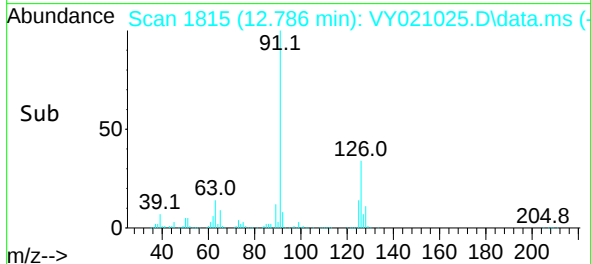
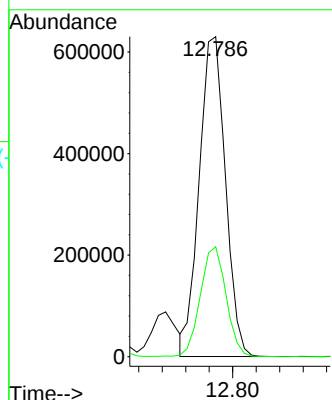
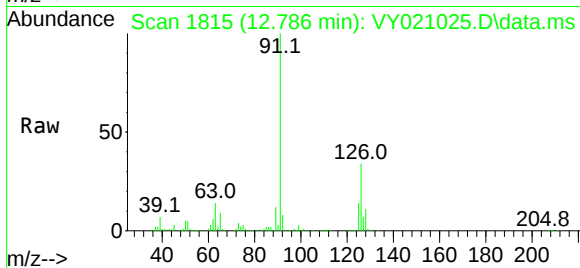
VSTDIC150

Tgt Ion: 91 Resp: 973177

Ion Ratio Lower Upper

91 100

126 33.8 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 155.522 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. -0.082 min

Lab File: VY021025.D

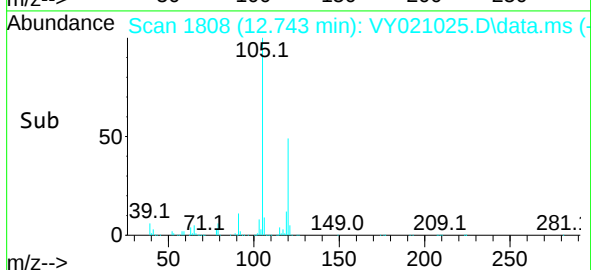
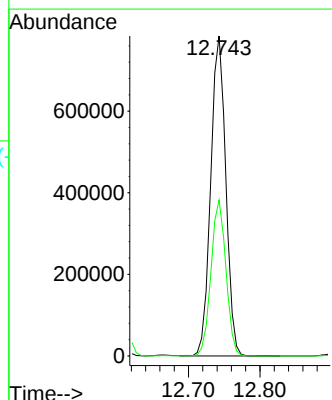
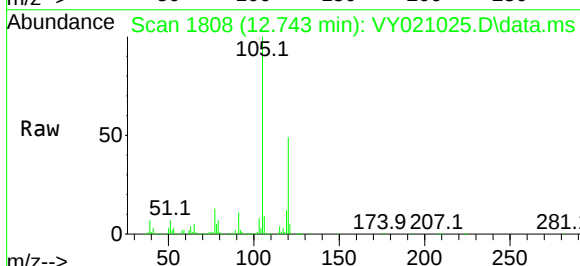
Acq: 03 Feb 2025 12:44

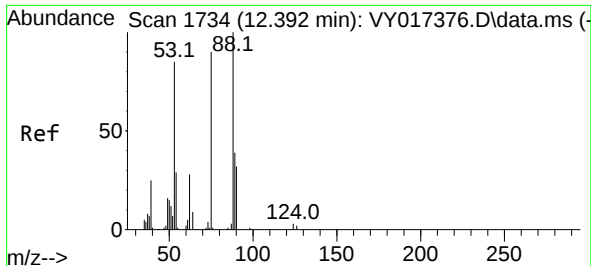
Tgt Ion: 105 Resp: 1146647

Ion Ratio Lower Upper

105 100

120 48.3 24.3 72.8

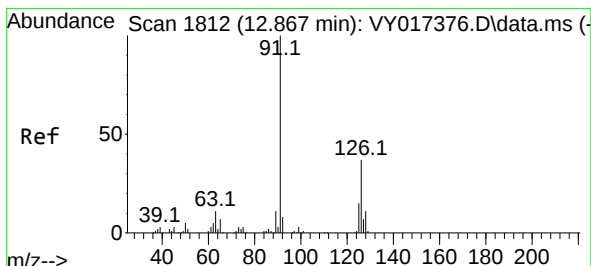
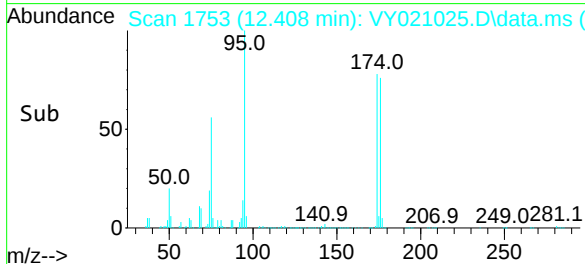
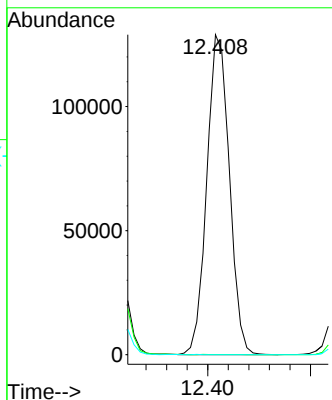
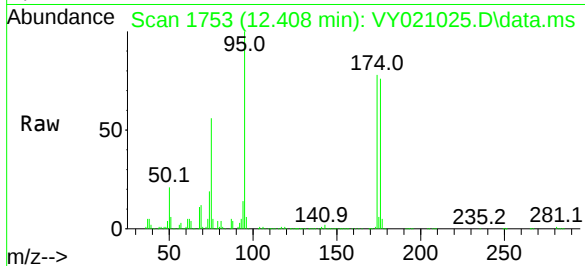




#81
trans-1,4-Dichloro-2-butene
Concen: 386.798 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.016 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

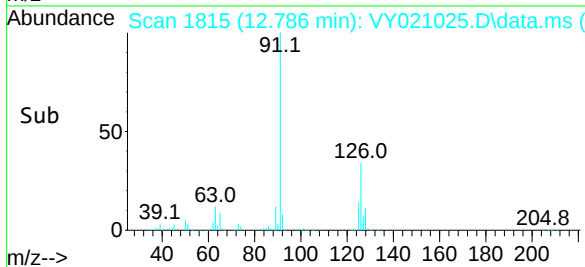
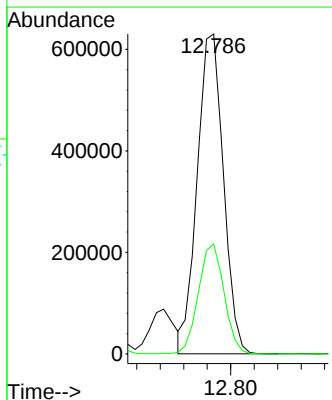
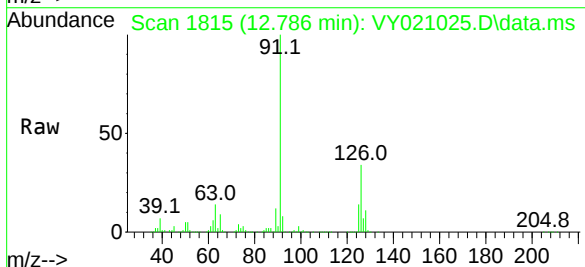
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

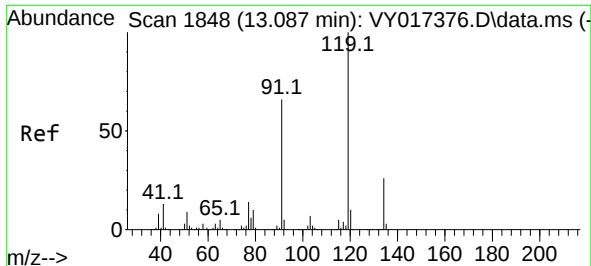
Tgt Ion: 75 Resp: 196534
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#82
4-Chlorotoluene
Concen: 149.992 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 91 Resp: 973177
Ion Ratio Lower Upper
91 100
126 33.8 17.1 51.2

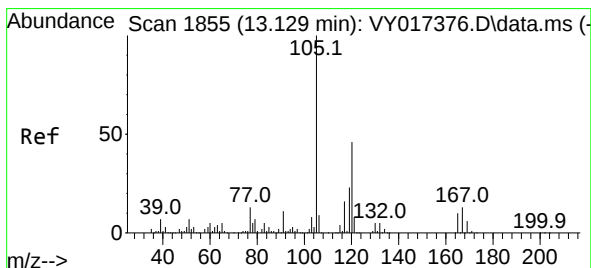
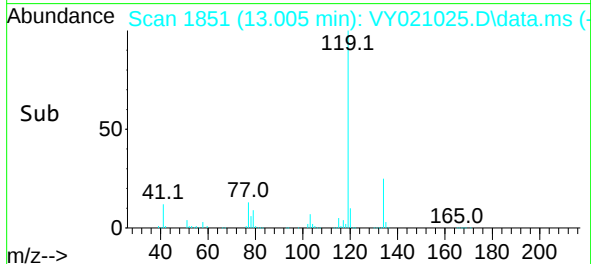
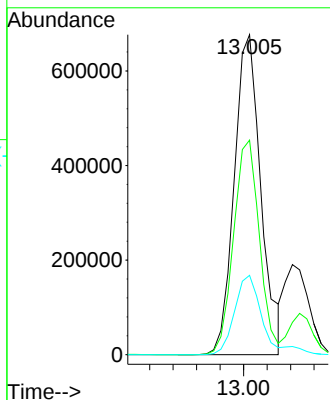
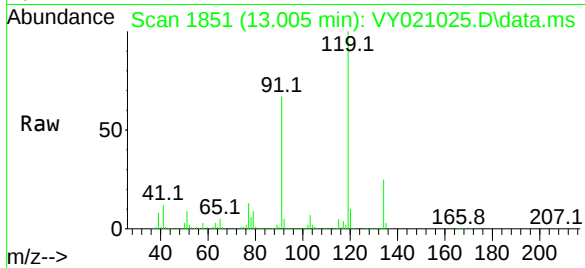




#83
tert-Butylbenzene
Concen: 165.732 ug/l
RT: 13.005 min Scan# 1851
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

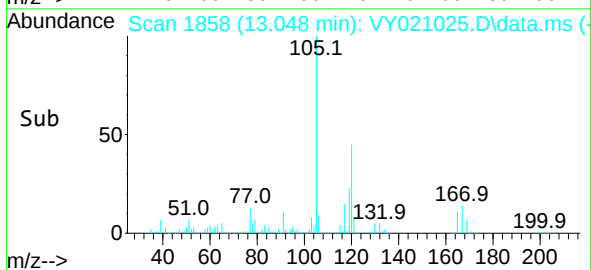
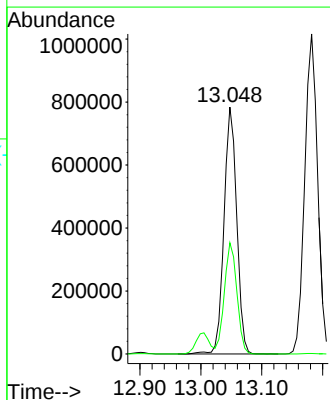
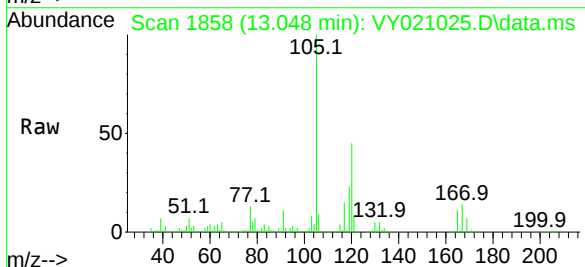
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

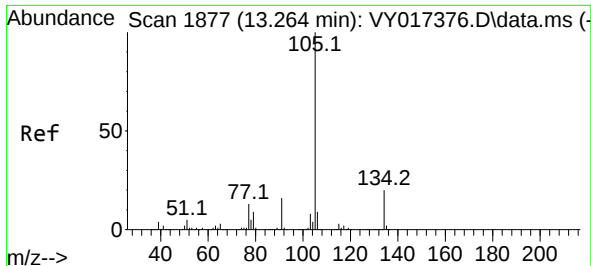
Tgt Ion:119 Resp: 1067144
Ion Ratio Lower Upper
119 100
91 65.0 31.5 94.5
134 26.0 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 156.424 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:105 Resp: 1138490
Ion Ratio Lower Upper
105 100
120 44.3 22.1 66.3

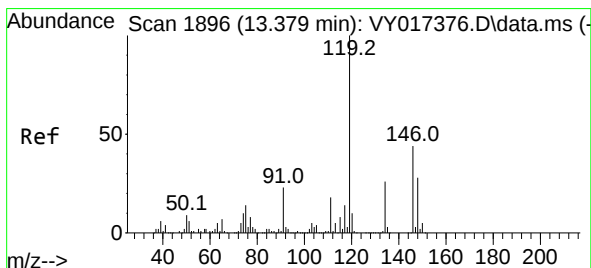
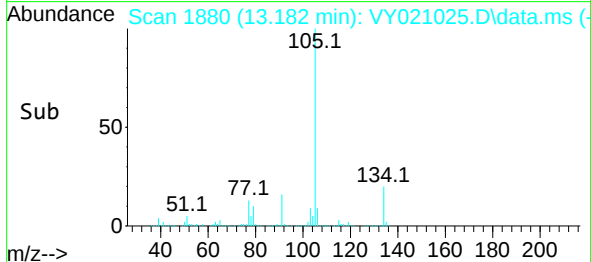
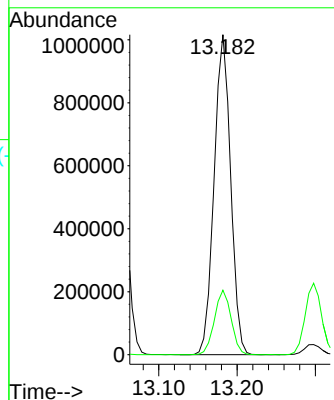
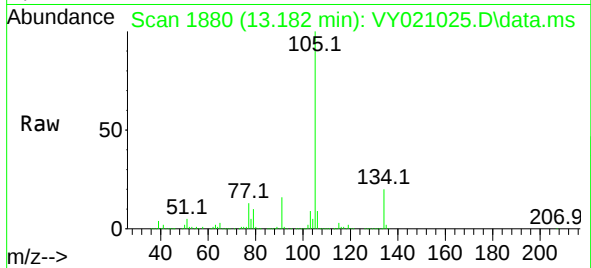




#85
 sec-Butylbenzene
 Concen: 151.621 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. -0.082 min
 Lab File: VY021025.D
 Acq: 03 Feb 2025 12:44

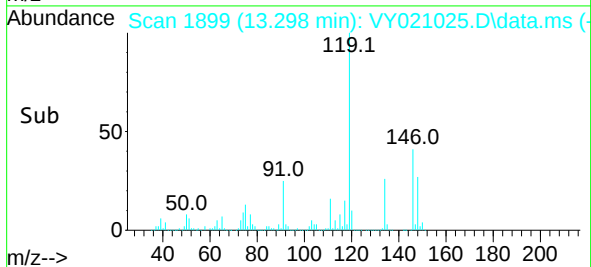
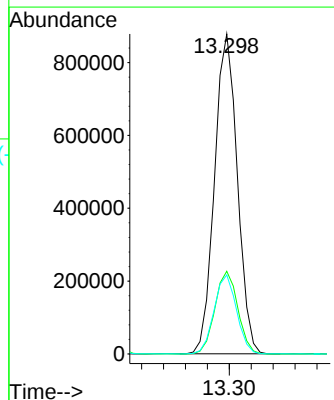
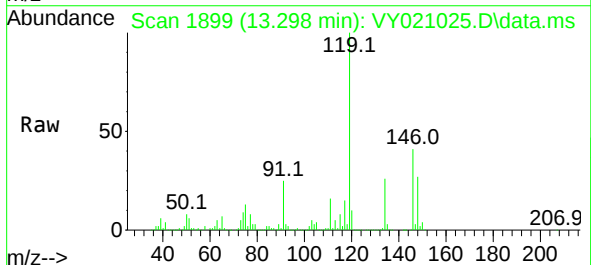
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

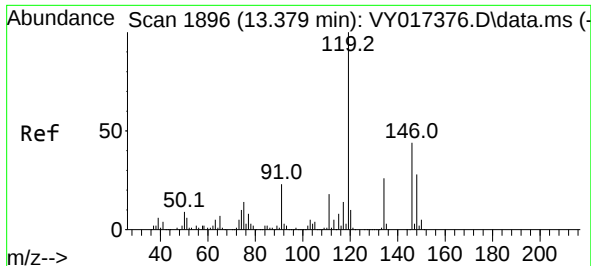
Tgt Ion:105 Resp: 1489668
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 159.437 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. -0.082 min
 Lab File: VY021025.D
 Acq: 03 Feb 2025 12:44

Tgt Ion:119 Resp: 1267584
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.1
 91 24.4 11.7 35.0

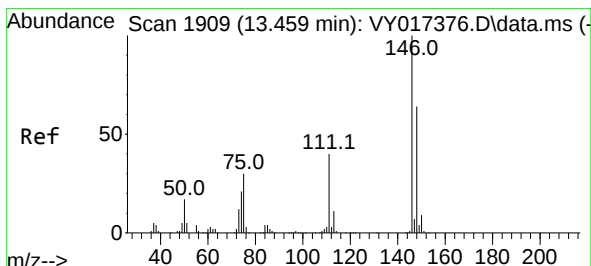
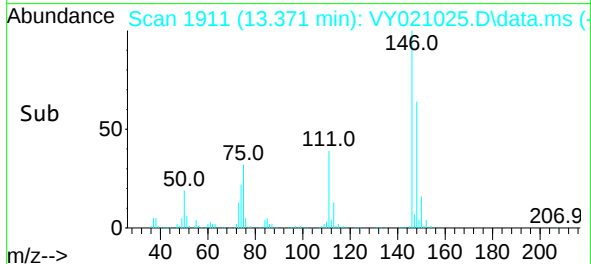
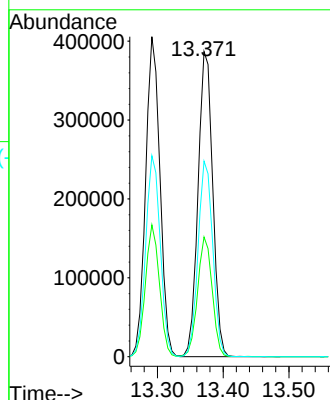
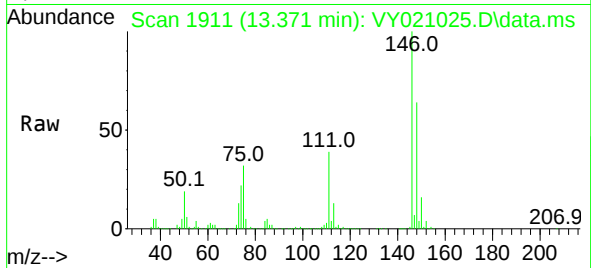




#87
 1,3-Dichlorobenzene
 Concen: 150.146 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. -0.009 min
 Lab File: VY021025.D
 Acq: 03 Feb 2025 12:44

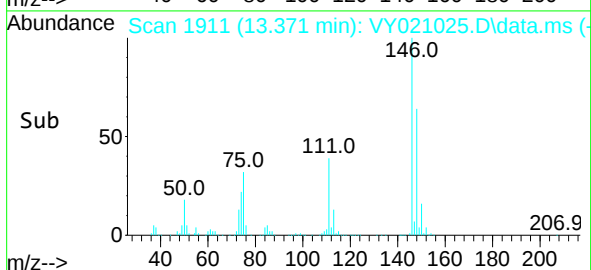
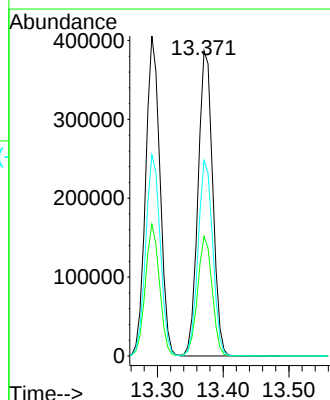
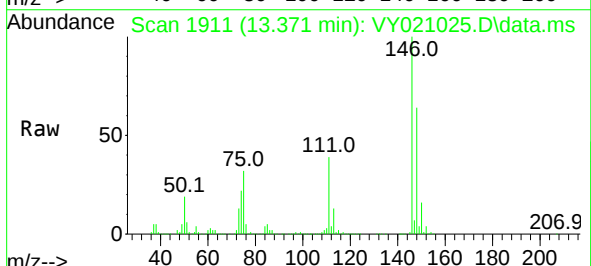
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

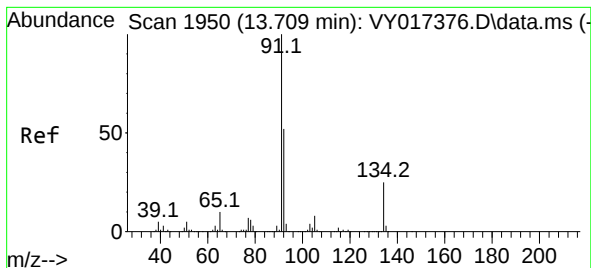
Tgt Ion:146 Resp: 600370
 Ion Ratio Lower Upper
 146 100
 111 38.7 20.2 60.5
 148 63.8 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 154.353 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. -0.088 min
 Lab File: VY021025.D
 Acq: 03 Feb 2025 12:44

Tgt Ion:146 Resp: 600370
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.3 57.9
 148 63.8 31.6 94.7





#89

n-Butylbenzene

Concen: 151.860 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.088 min

Lab File: VY021025.D

Acq: 03 Feb 2025 12:44

Instrument :

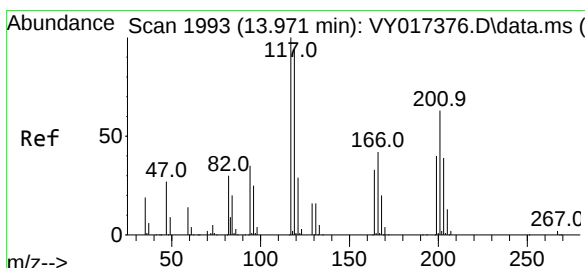
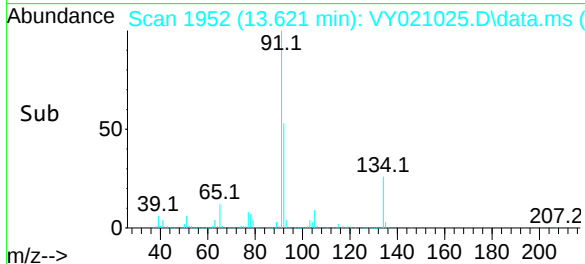
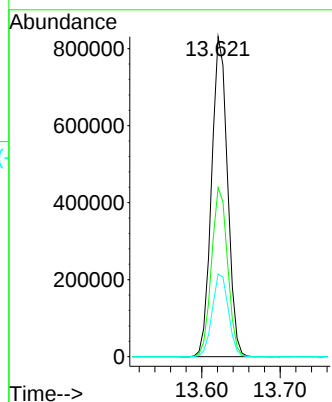
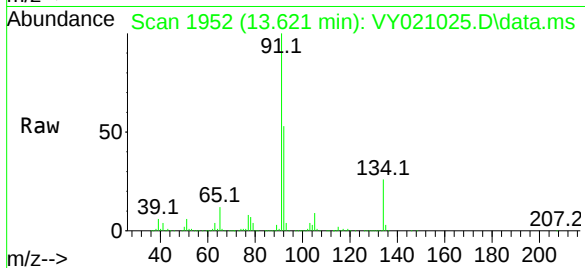
MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 1172760

Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.4	79.2
134	26.3	12.3	36.8



#90

Hexachloroethane

Concen: 160.731 ug/l

RT: 13.883 min Scan# 1995

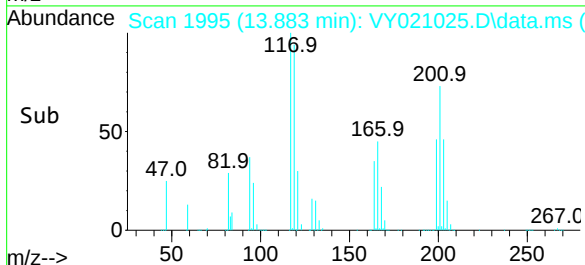
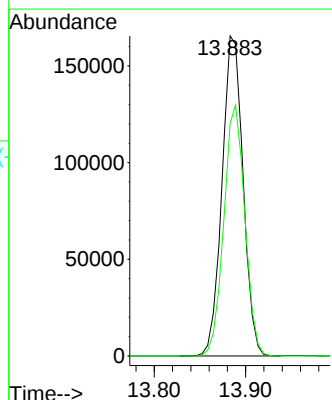
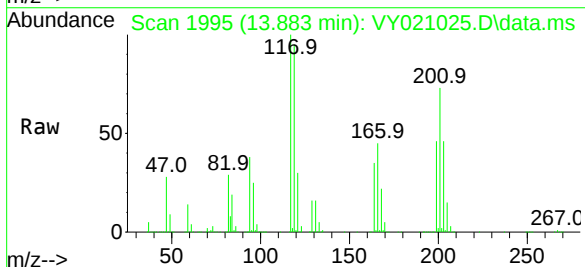
Delta R.T. -0.088 min

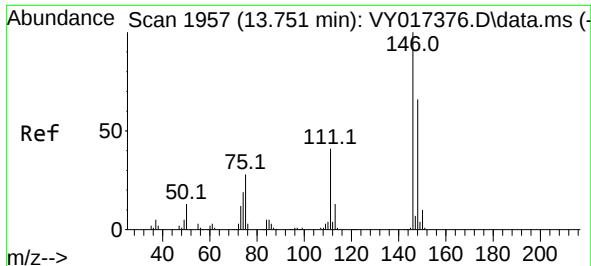
Lab File: VY021025.D

Acq: 03 Feb 2025 12:44

Tgt Ion: 117 Resp: 264877

Ion	Ratio	Lower	Upper
117	100		
201	78.2	33.4	100.1

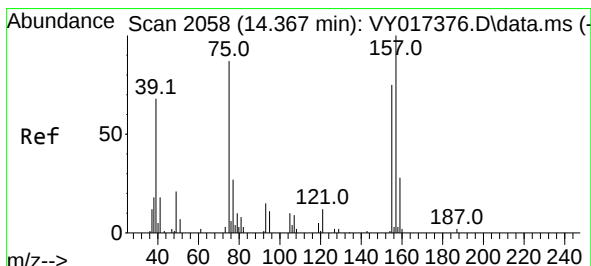
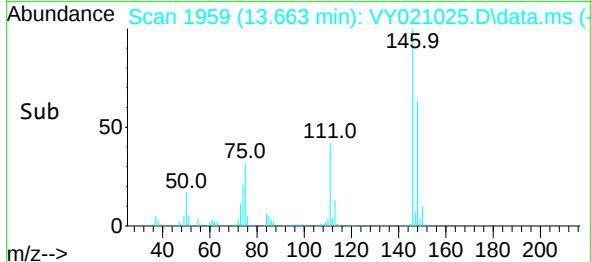
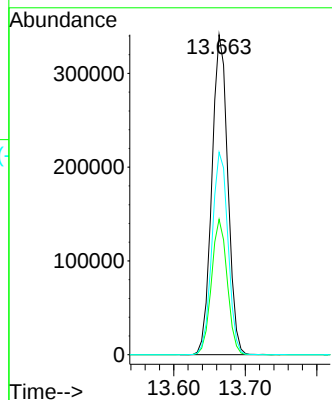
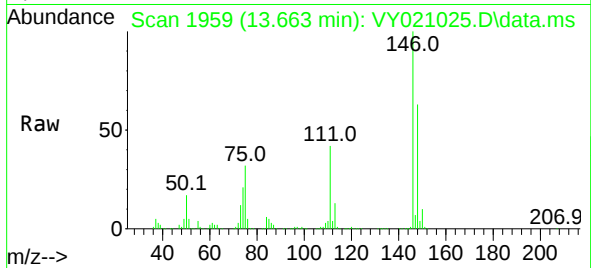




#91
1,2-Dichlorobenzene
Concen: 160.577 ug/l
RT: 13.663 min Scan# 1957
Delta R.T. -0.088 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

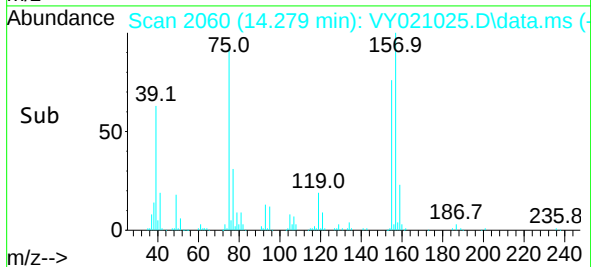
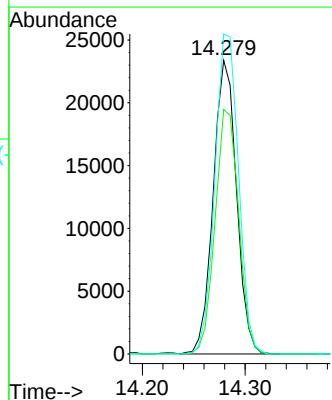
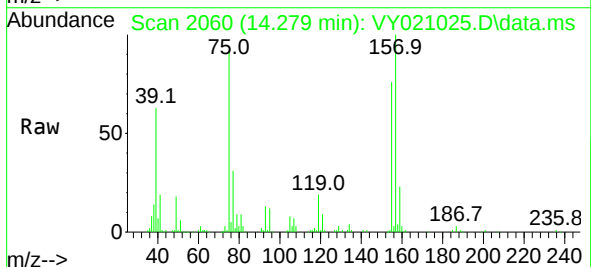
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

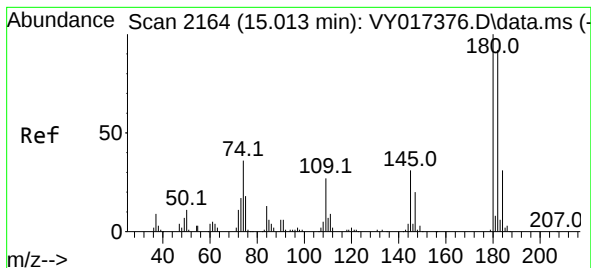
Tgt Ion:146 Resp: 529143
Ion Ratio Lower Upper
146 100
111 41.6 20.5 61.6
148 63.4 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 175.945 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. -0.088 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 75 Resp: 36737
Ion Ratio Lower Upper
75 100
155 84.1 42.1 126.3
157 110.5 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 206.167 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.088 min

Lab File: VY021025.D

Acq: 03 Feb 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

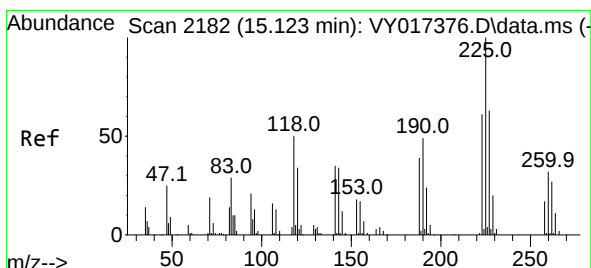
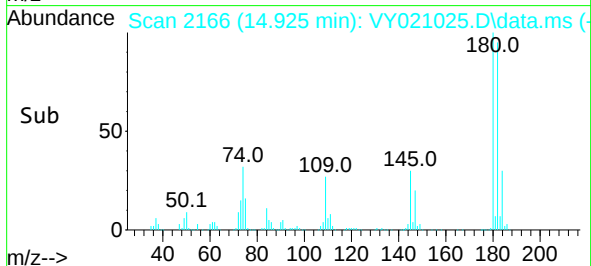
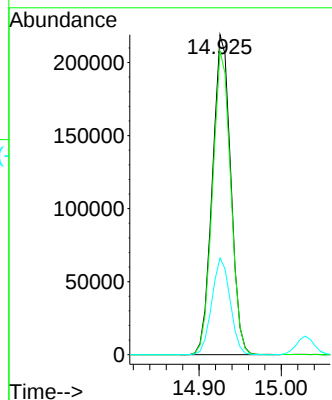
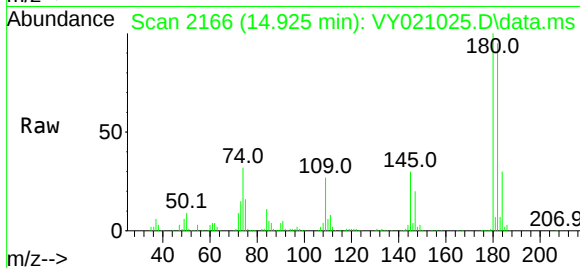
Tgt Ion:180 Resp: 338957

Ion Ratio Lower Upper

180 100

182 94.1 47.9 143.7

145 30.1 15.9 47.7



#94

Hexachlorobutadiene

Concen: 201.244 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.094 min

Lab File: VY021025.D

Acq: 03 Feb 2025 12:44

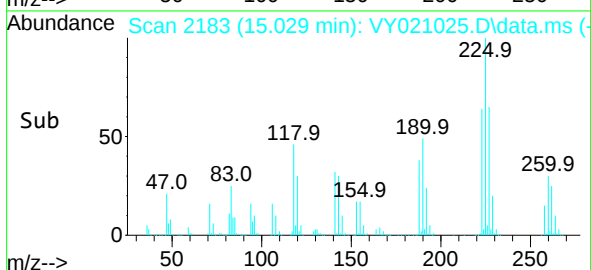
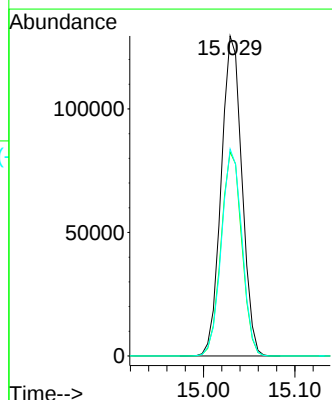
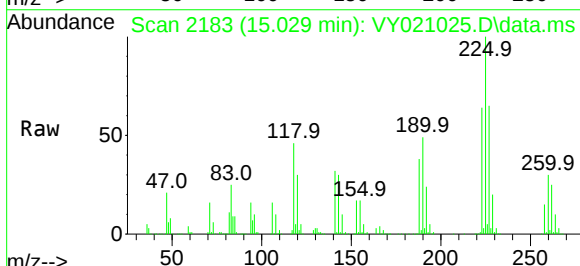
Tgt Ion:225 Resp: 204211

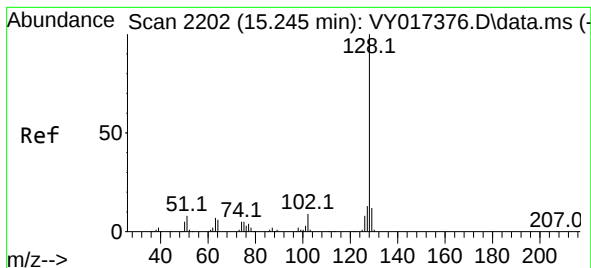
Ion Ratio Lower Upper

225 100

223 63.7 31.4 94.3

227 64.1 32.3 96.8





#95

Naphthalene

Concen: 203.420 ug/l

RT: 15.151 min Scan# 21

Delta R.T. -0.094 min

Lab File: VY021025.D

Acq: 03 Feb 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

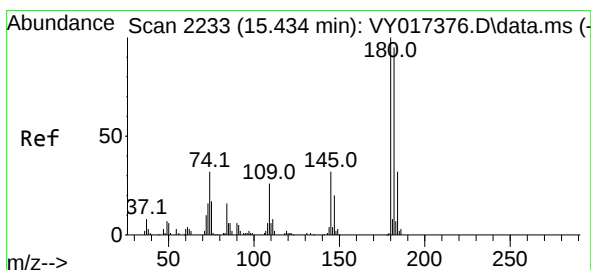
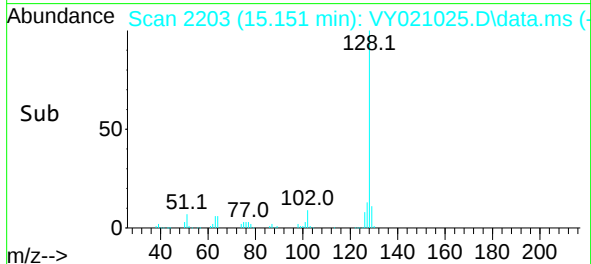
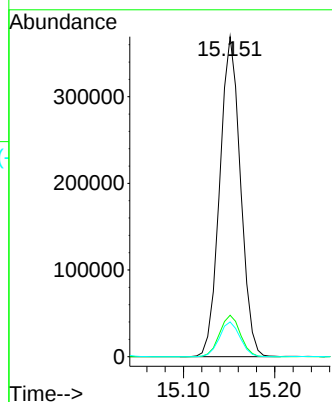
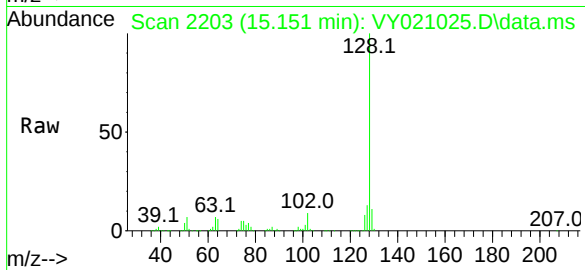
Tgt Ion:128 Resp: 581994

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 203.655 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.100 min

Lab File: VY021025.D

Acq: 03 Feb 2025 12:44

Tgt Ion:180 Resp: 280907

Ion Ratio Lower Upper

180 100

182 95.3 46.3 138.8

145 31.9 16.1 48.2

