

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
 Data File : VY023622.D
 Acq On : 30 Oct 2025 10:36
 Operator : SY/MD
 Sample : VY1030SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 31 02:35:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	459671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	679981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	588601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	307493	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	187438	48.763	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.520%
35) Dibromofluoromethane	7.634	113	215074	51.476	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.960%
50) Toluene-d8	10.109	98	784064	50.390	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.780%
62) 4-Bromofluorobenzene	12.401	95	256116	49.856	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.720%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	69638	21.047	ug/l	98
3) Chloromethane	2.074	50	91679	20.340	ug/l	100
4) Vinyl Chloride	2.208	62	118744	20.227	ug/l	97
5) Bromomethane	2.598	94	101139	20.529	ug/l	97
6) Chloroethane	2.739	64	84963	21.231	ug/l	98
7) Trichlorofluoromethane	3.062	101	169829	20.835	ug/l	99
8) Diethyl Ether	3.458	74	43940	20.629	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.824	101	97149	22.967	ug/l	99
10) Methyl Iodide	4.007	142	103415	21.961	ug/l	100
11) Tert butyl alcohol	4.866	59	24403	85.337	ug/l #	94
12) 1,1-Dichloroethene	3.793	96	90723	22.126	ug/l	94
13) Acrolein	3.659	56	17727	43.871	ug/l	98
14) Allyl chloride	4.391	41	109658	21.944	ug/l	98
15) Acrylonitrile	5.061	53	84535	103.707	ug/l	99
16) Acetone	3.873	43	125341	136.970	ug/l	98
17) Carbon Disulfide	4.110	76	244039	20.795	ug/l	100
18) Methyl Acetate	4.391	43	44209	18.417	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	200607	20.356	ug/l	98
20) Methylene Chloride	4.622	84	104585	21.136	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	98902	21.908	ug/l	95
22) Diisopropyl ether	6.018	45	255018	23.071	ug/l	93
23) Vinyl Acetate	5.970	43	641109	107.153	ug/l	99
24) 1,1-Dichloroethane	5.921	63	169305	23.123	ug/l	96
25) 2-Butanone	6.896	43	130303	116.635	ug/l	95
26) 2,2-Dichloropropane	6.890	77	156784	23.336	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	117449	22.523	ug/l	99
28) Bromochloromethane	7.250	49	61199	22.389	ug/l	97
29) Tetrahydrofuran	7.268	42	60118	94.895	ug/l	99
30) Chloroform	7.427	83	186695	23.207	ug/l	99
31) Cyclohexane	7.707	56	139846	21.870	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	170215	23.283	ug/l	99
36) 1,1-Dichloropropene	7.841	75	126319	22.837	ug/l	98
37) Ethyl Acetate	6.988	43	44397	20.260	ug/l	97
38) Carbon Tetrachloride	7.823	117	155145	23.131	ug/l	98
39) Methylcyclohexane	9.109	83	155883	21.644	ug/l	95
40) Benzene	8.085	78	407587	23.267	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	22212	18.741	ug/l	92
42) 1,2-Dichloroethane	8.158	62	99637	22.054	ug/l	100
43) Isopropyl Acetate	8.201	43	86806	19.865	ug/l	99
44) Trichloroethene	8.866	130	115895	22.604	ug/l	95
45) 1,2-Dichloropropane	9.146	63	90028	23.268	ug/l	99
46) Dibromomethane	9.231	93	54135	22.126	ug/l	97
47) Bromodichloromethane	9.426	83	139891	22.702	ug/l	98
48) Methyl methacrylate	9.225	41	40241	19.603	ug/l	99
49) 1,4-Dioxane	9.231	88	10102	356.120	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	225713	99.976	ug/l	98
52) Toluene	10.170	92	261425	22.985	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	114172	21.309	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	139983	22.137	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	72889	22.154	ug/l	95
56) Ethyl methacrylate	10.438	69	73151	19.275	ug/l	99
57) 1,3-Dichloropropane	10.719	76	114330	21.929	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.713	63	167064	98.265	ug/l	99
59) 2-Hexanone	10.762	43	177538	110.037	ug/l	98
60) Dibromochloromethane	10.914	129	99923	21.662	ug/l	100
61) 1,2-Dibromoethane	11.018	107	65766	20.960	ug/l	99
64) Tetrachloroethene	10.646	164	136363	22.437	ug/l	96
65) Chlorobenzene	11.444	112	289053	22.579	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	103496	22.687	ug/l	99
67) Ethyl Benzene	11.518	91	469846	22.674	ug/l	100
68) m/p-Xylenes	11.627	106	381976	45.957	ug/l	98
69) o-Xylene	11.956	106	173592	22.267	ug/l	100
70) Styrene	11.969	104	290263	22.641	ug/l	100
71) Bromoform	12.133	173	59960	21.189	ug/l	99
73) Isopropylbenzene	12.255	105	461059	22.752	ug/l	99
74) N-amyl acetate	12.072	43	70102	19.260	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	70253	21.197	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	94636	34.884	ug/l #	100
77) Bromobenzene	12.530	156	118552	22.006	ug/l	98
78) n-propylbenzene	12.597	91	549817	23.447	ug/l	99
79) 2-Chlorotoluene	12.676	91	316917	23.078	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	375738	22.946	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	22289	20.147	ug/l	96
82) 4-Chlorotoluene	12.773	91	326170	23.063	ug/l	100
83) tert-Butylbenzene	12.999	119	343249	22.703	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	377228	23.083	ug/l	98
85) sec-Butylbenzene	13.176	105	506562	23.357	ug/l	99
86) p-Isopropyltoluene	13.292	119	424544	22.991	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	234716	22.374	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	231425	22.336	ug/l	99
89) n-Butylbenzene	13.615	91	366275	22.764	ug/l	98
90) Hexachloroethane	13.877	117	91854	23.127	ug/l	94
91) 1,2-Dichlorobenzene	13.657	146	204092	22.190	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10894	20.032	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	117924	20.566	ug/l	100
94) Hexachlorobutadiene	15.023	225	81151	22.704	ug/l	99
95) Naphthalene	15.145	128	166148	18.197	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	98543	19.841	ug/l	99

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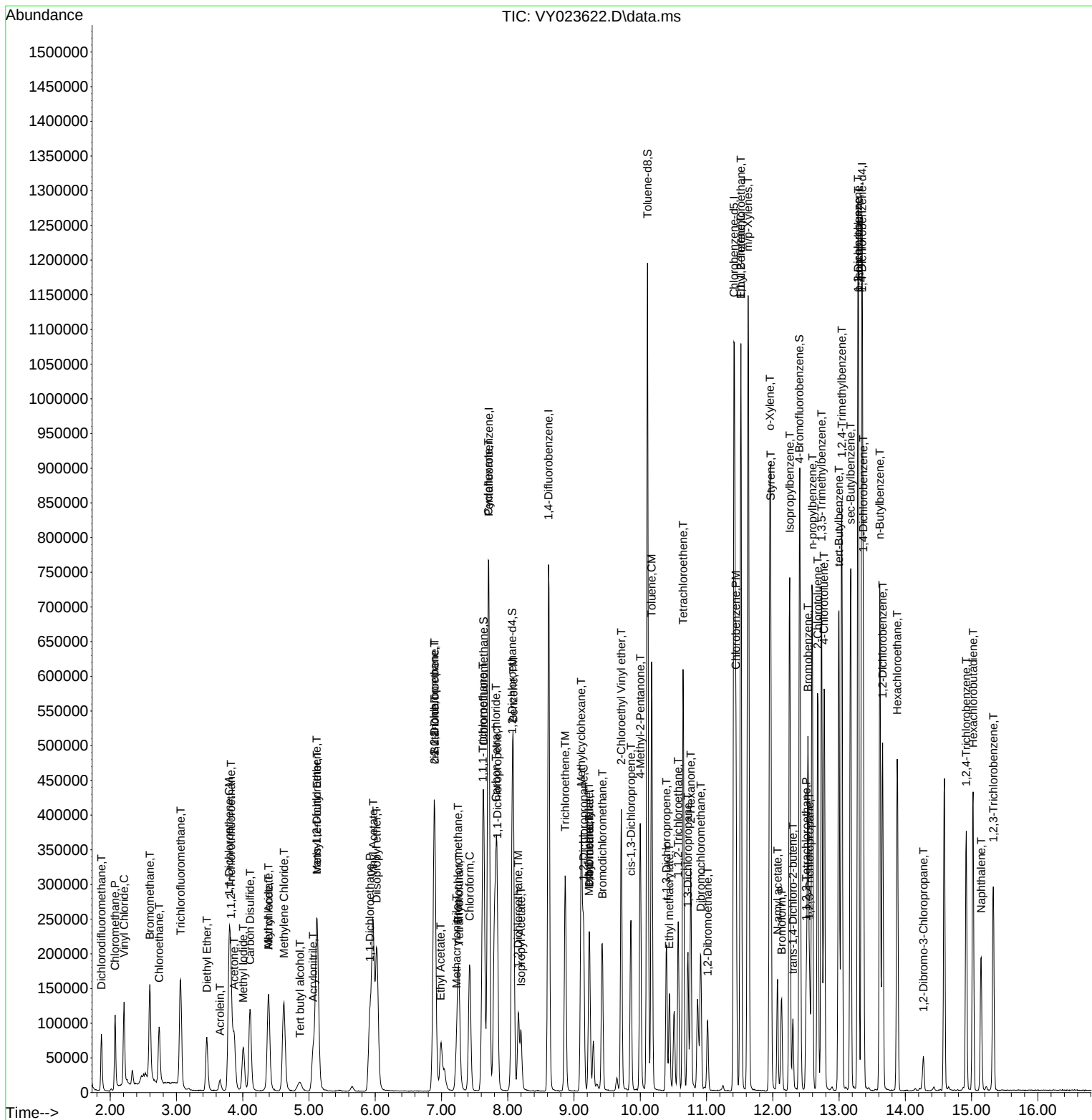
Instrument :
MSVOA_Y
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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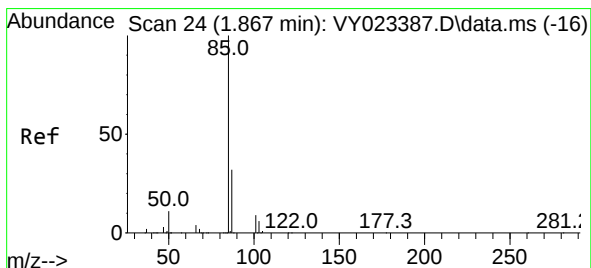
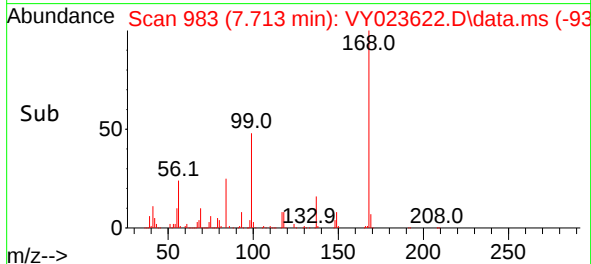
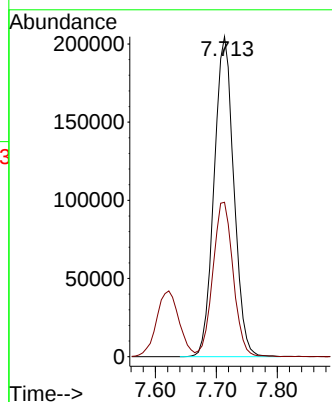
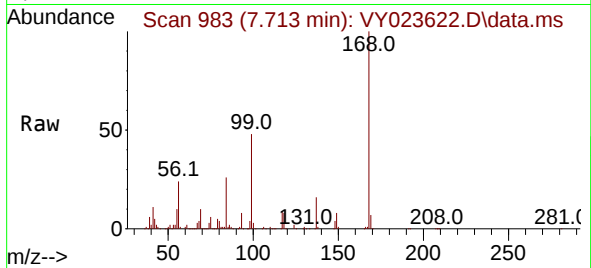




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY023622.D
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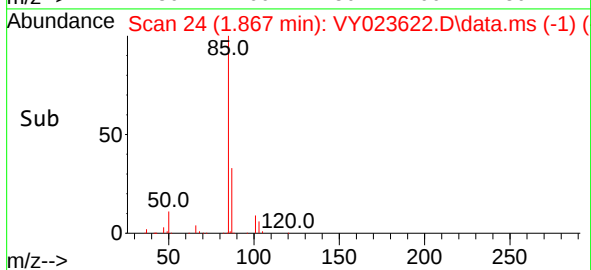
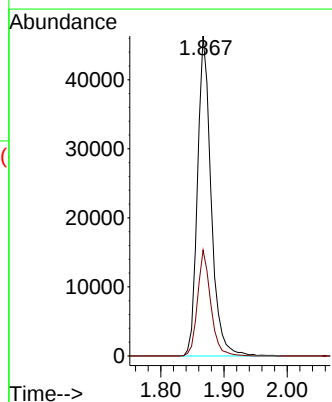
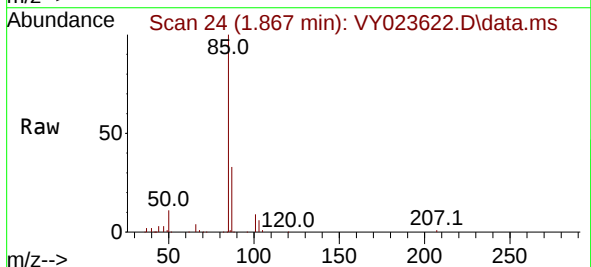
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ClientSampleId :

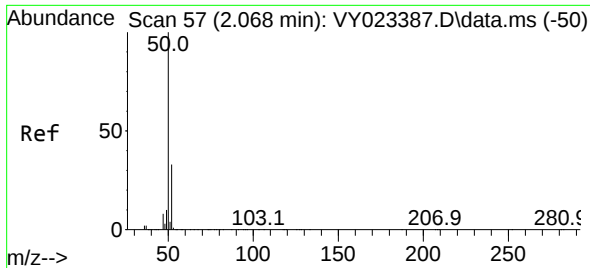
Tgt Ion:168 Resp: 459671
Ion Ratio Lower Upper
168 100
99 48.2 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 21.047 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

Tgt Ion: 85 Resp: 69638
Ion Ratio Lower Upper
85 100
87 33.1 16.0 47.9

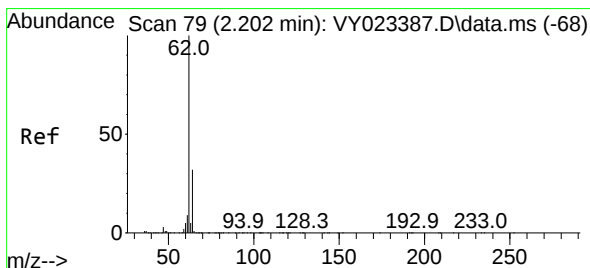
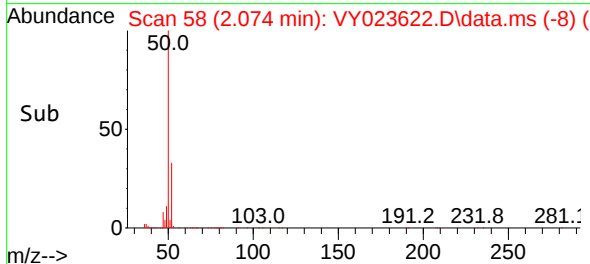
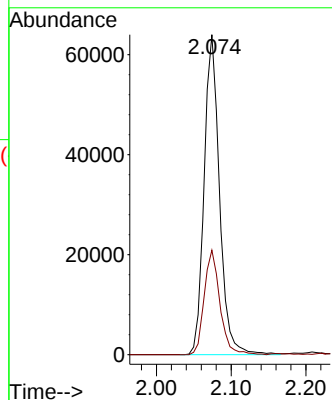
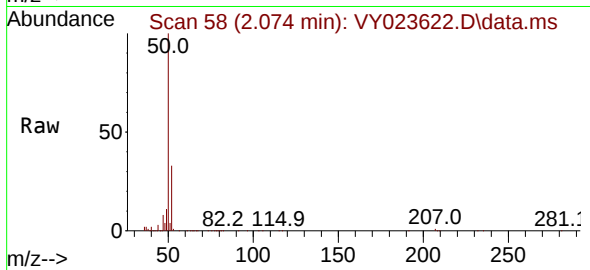




#3
Chloromethane
Concen: 20.340 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

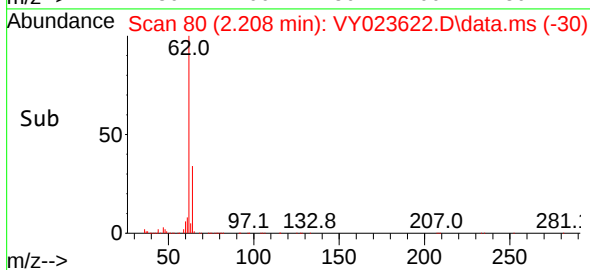
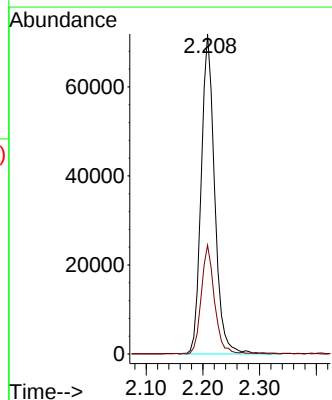
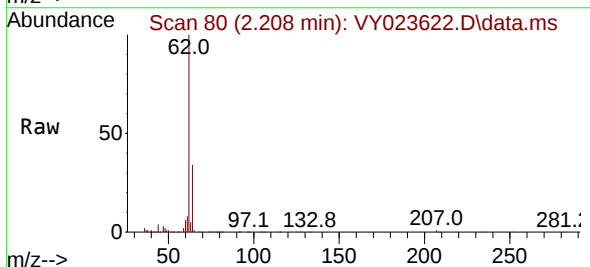
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 91679
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.2



#4
Vinyl Chloride
Concen: 20.227 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

Tgt Ion: 62 Resp: 118744
Ion Ratio Lower Upper
62 100
64 34.0 25.8 38.8

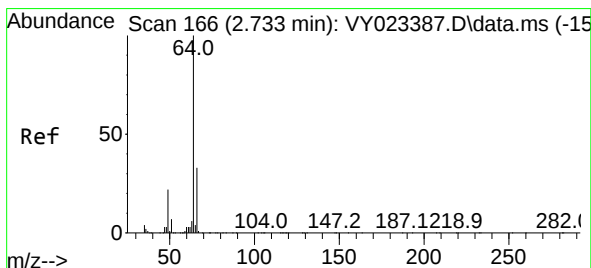
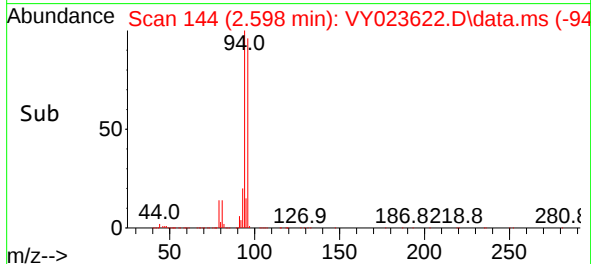
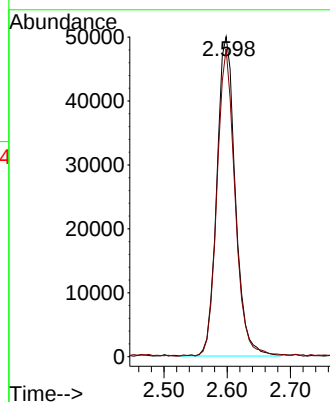
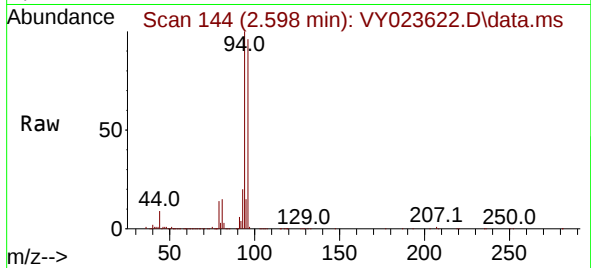




#5
Bromomethane
Concen: 20.529 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

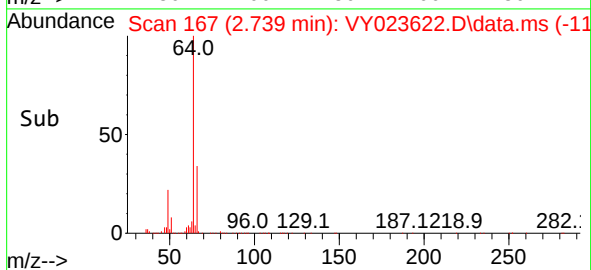
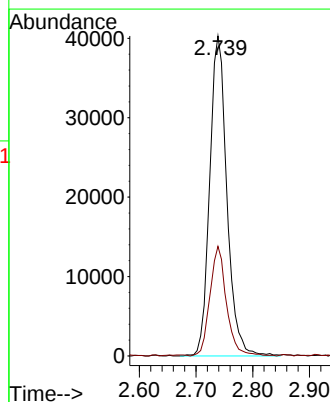
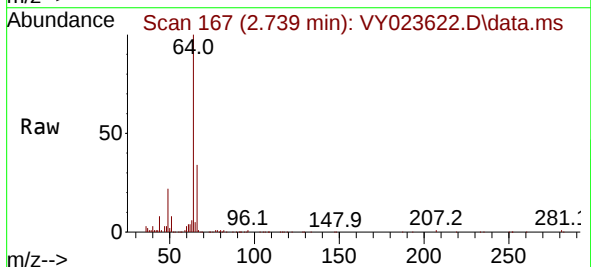
Instrument :
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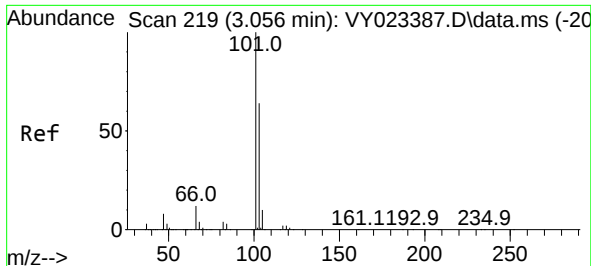
Tgt Ion: 94 Resp: 101139
Ion Ratio Lower Upper
94 100
96 96.2 74.5 111.7



#6
Chloroethane
Concen: 21.231 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

Tgt Ion: 64 Resp: 84963
Ion Ratio Lower Upper
64 100
66 34.0 26.2 39.4

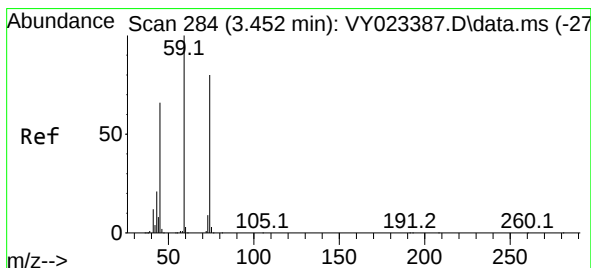
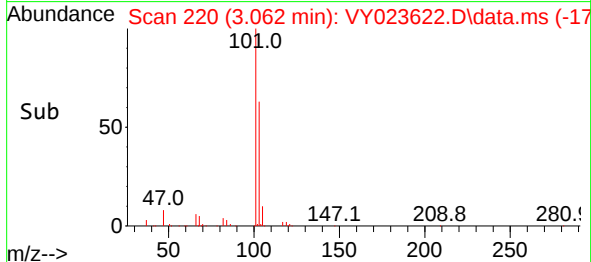
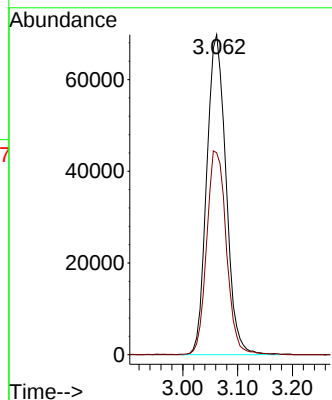
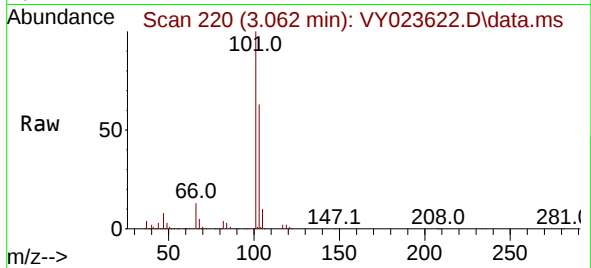




#7
 Trichlorofluoromethane
 Concen: 20.835 ug/l
 RT: 3.062 min Scan# 219
 Delta R.T. 0.006 min
 Lab File: VY023622.D
 Acq: 30 Oct 2025 10:36

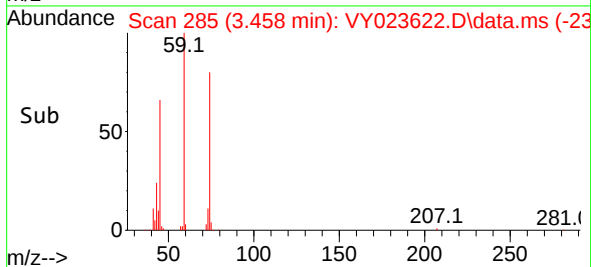
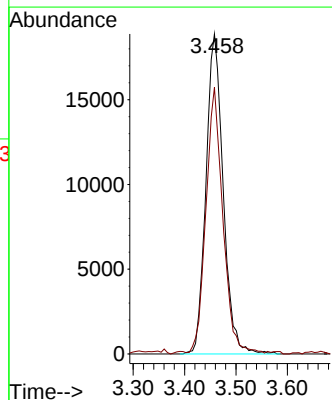
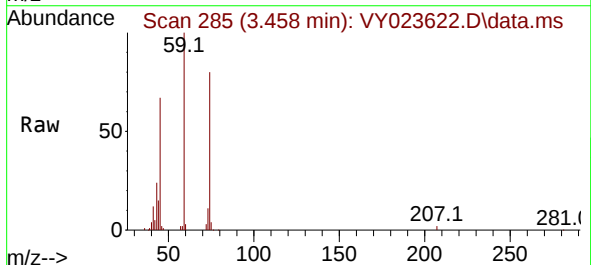
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:101 Resp: 169829
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.3 76.9



#8
 Diethyl Ether
 Concen: 20.629 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY023622.D
 Acq: 30 Oct 2025 10:36

Tgt Ion: 74 Resp: 43940
 Ion Ratio Lower Upper
 74 100
 45 81.3 39.9 119.7

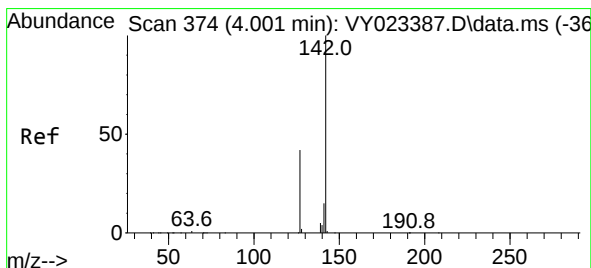
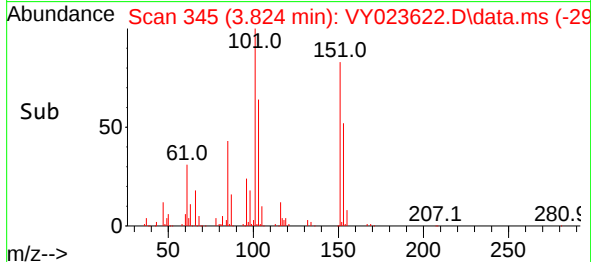
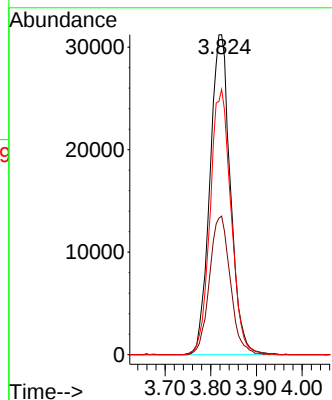
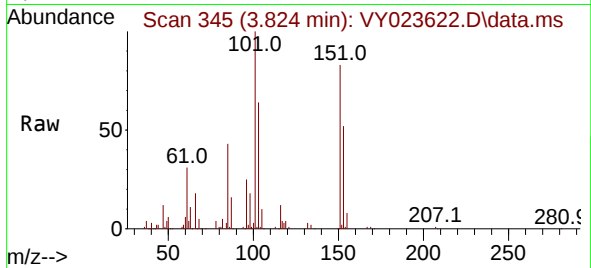




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.967 ug/l
RT: 3.824 min Scan# 343
Delta R.T. 0.012 min
Lab File: VY023622.D
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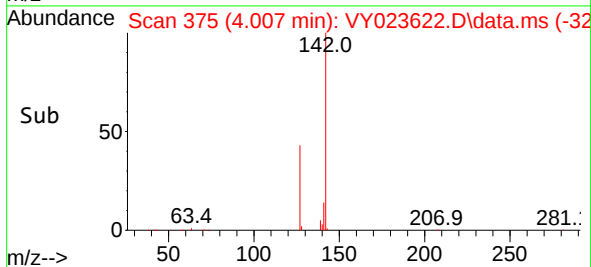
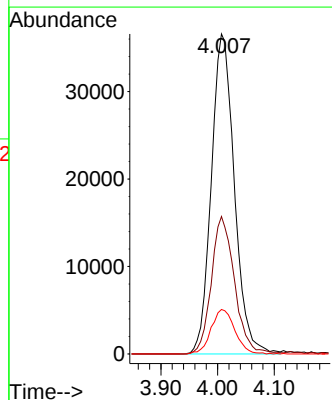
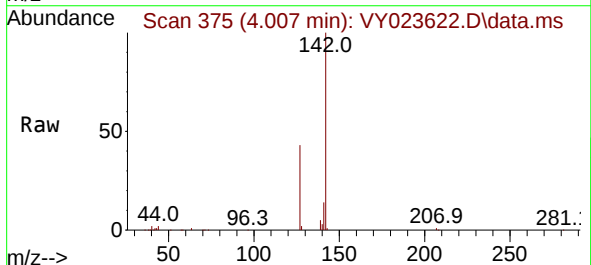
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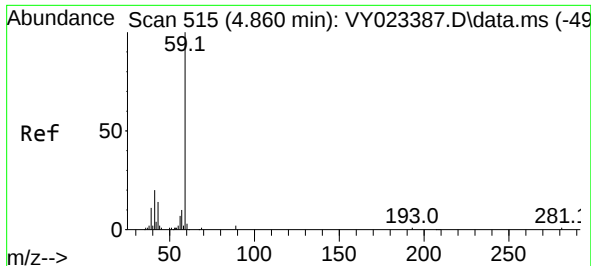
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Ion Ratio Lower Upper
101 100
85 44.0 34.6 51.8
151 84.4 67.0 100.6



#10
Methyl Iodide
Concen: 21.961 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

Tgt Ion:142 Resp: 103415
Ion Ratio Lower Upper
142 100
127 43.2 34.8 52.2
141 14.4 11.6 17.4

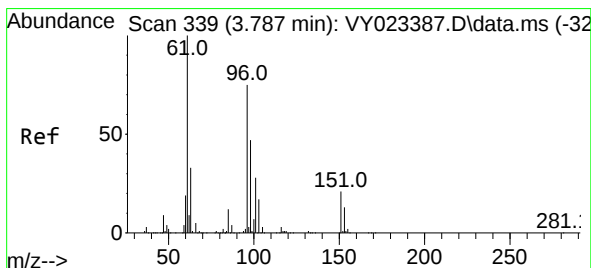
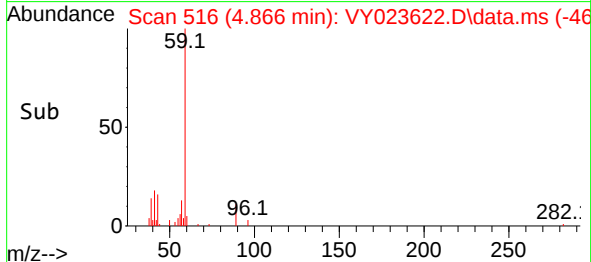
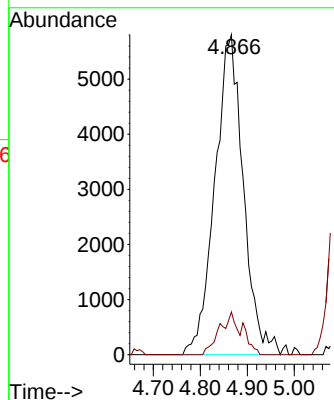
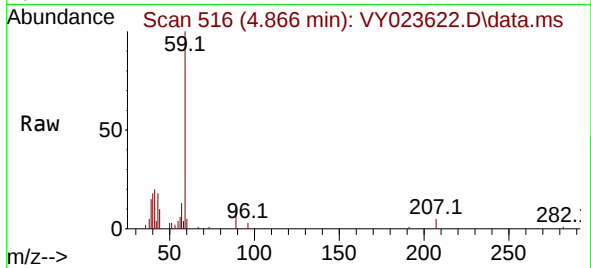




#11
Tert butyl alcohol
Concen: 85.337 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

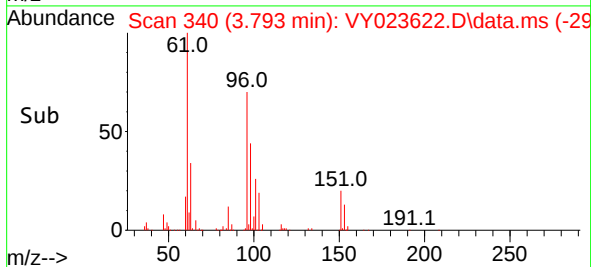
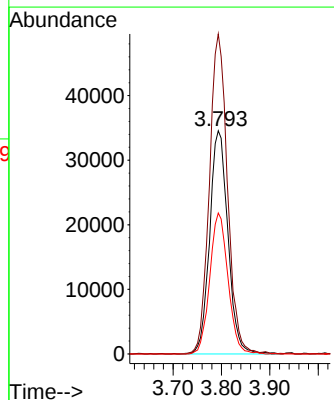
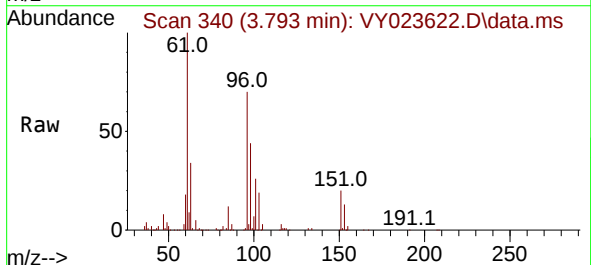
Instrument :
MSVOA_Y
ClientSampleId :

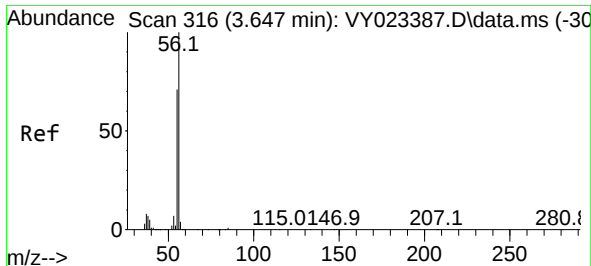
Tgt Ion: 59 Resp: 24403
Ion Ratio Lower Upper
59 100
57 8.1 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 22.126 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

Tgt Ion: 96 Resp: 90723
Ion Ratio Lower Upper
96 100
61 143.4 106.7 160.1
98 63.2 50.2 75.4

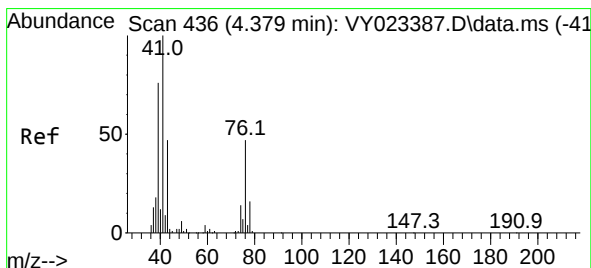
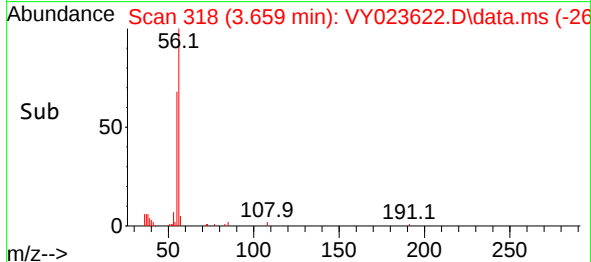
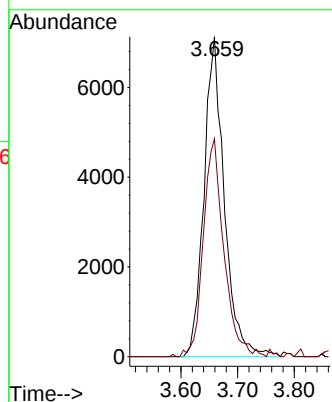
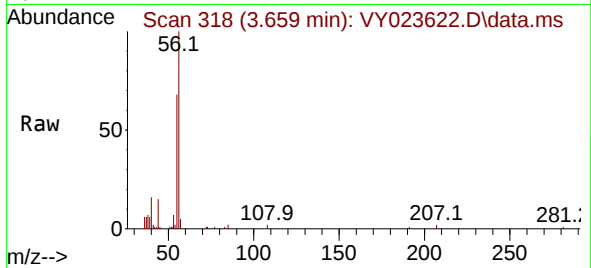




#13
Acrolein
Concen: 43.871 ug/l
RT: 3.659 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

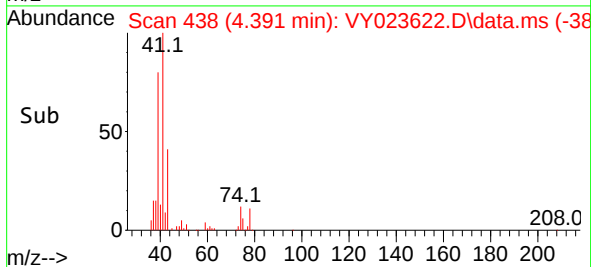
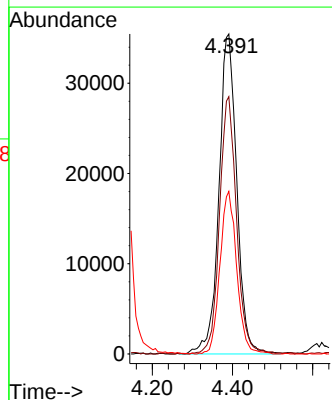
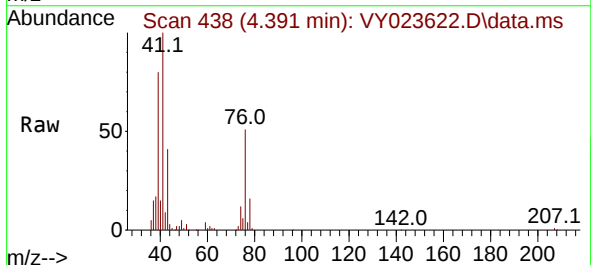
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 17727
Ion Ratio Lower Upper
56 100
55 68.4 56.1 84.1



#14
Allyl chloride
Concen: 21.944 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

Tgt Ion: 41 Resp: 109658
Ion Ratio Lower Upper
41 100
39 77.1 59.9 89.9
76 47.7 38.0 57.0

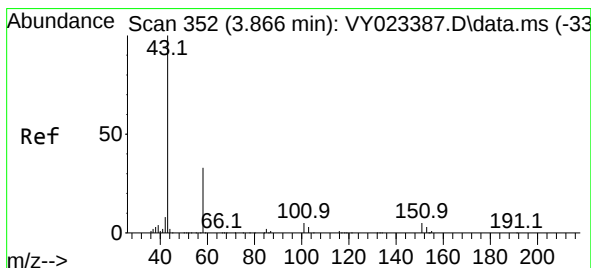
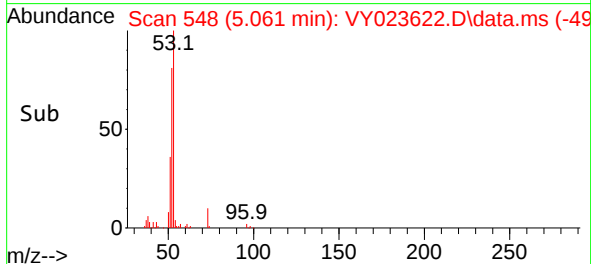
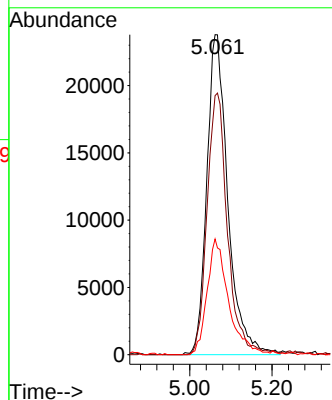
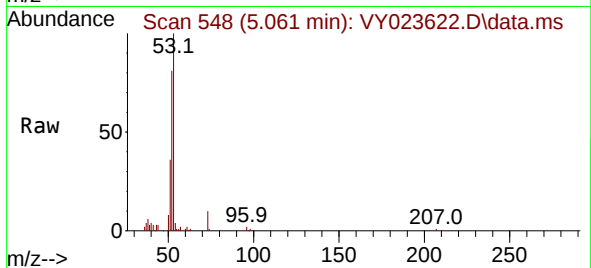




#15
Acrylonitrile
Concen: 103.707 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

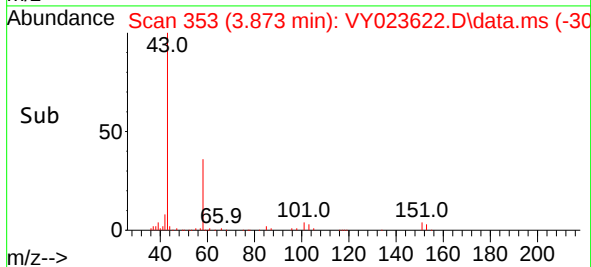
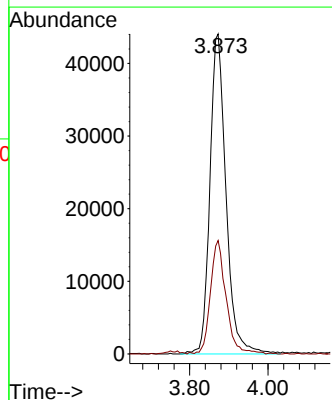
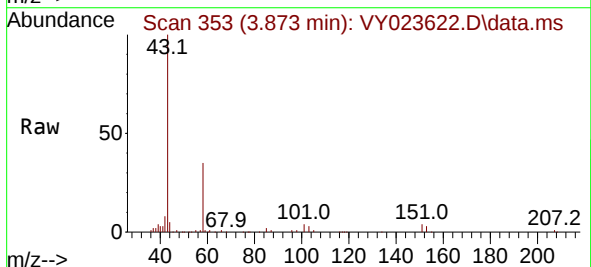
Instrument :
MSVOA_Y
ClientSampleId :

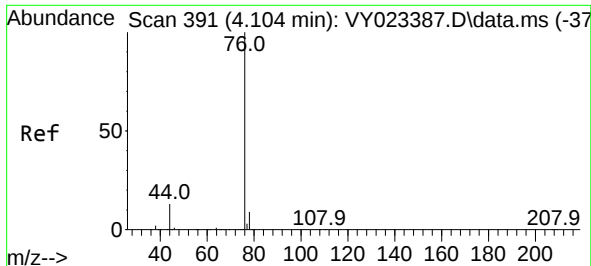
Tgt Ion: 53 Resp: 84535
Ion Ratio Lower Upper
53 100
52 79.6 64.6 97.0
51 36.9 29.5 44.3



#16
Acetone
Concen: 136.970 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

Tgt Ion: 43 Resp: 125341
Ion Ratio Lower Upper
43 100
58 35.5 27.7 41.5

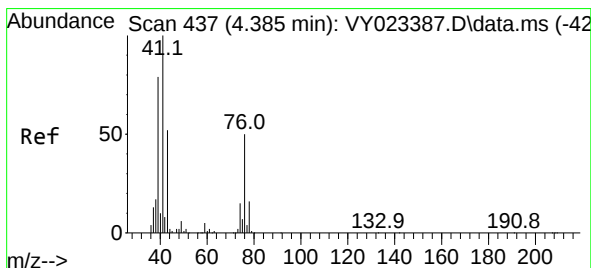
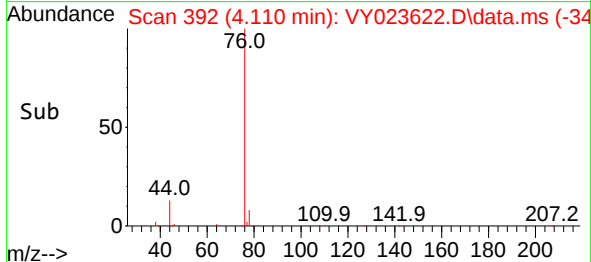
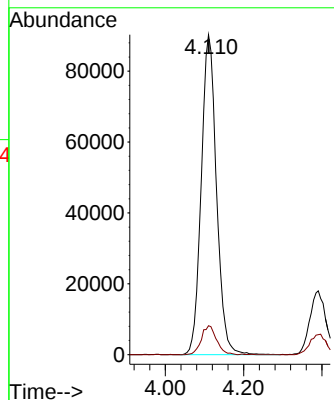
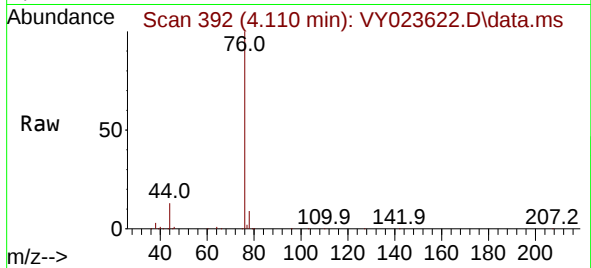




#17
Carbon Disulfide
Concen: 20.795 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

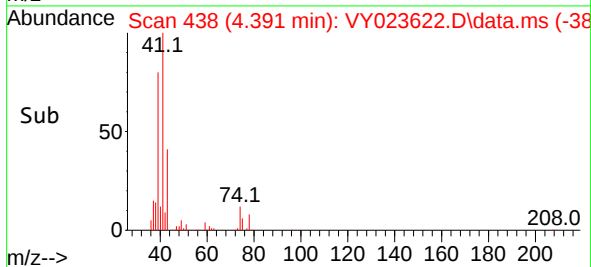
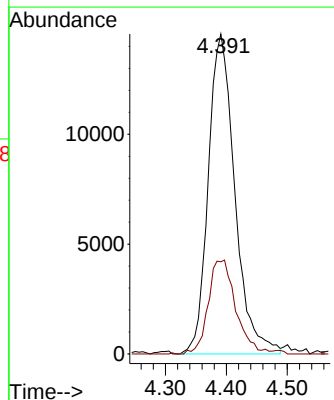
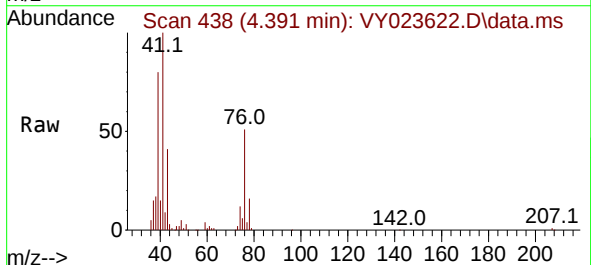
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 244039
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 18.417 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

Tgt Ion: 43 Resp: 44209
Ion Ratio Lower Upper
43 100
74 30.4 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 20.356 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023622.D

Acq: 30 Oct 2025 10:36

Instrument :

MSVOA_Y

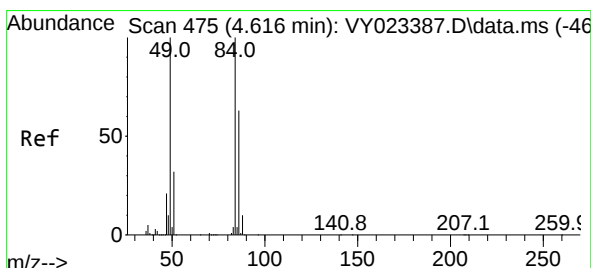
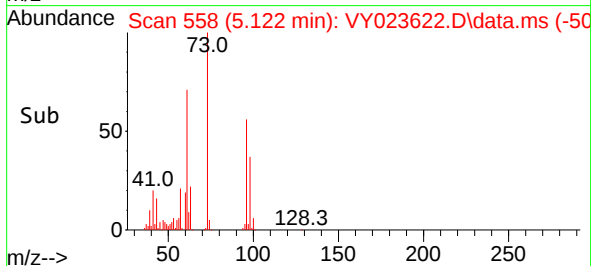
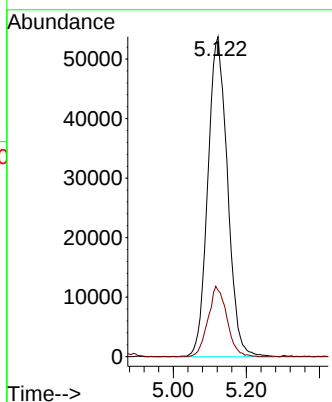
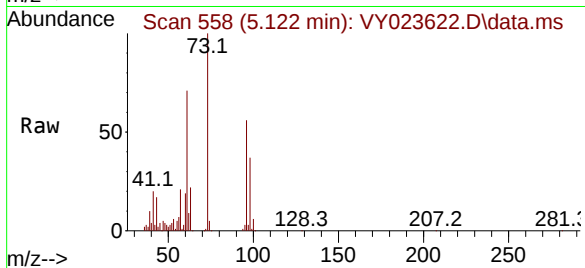
ClientSampleId :

Tgt Ion: 73 Resp: 200607

Ion Ratio Lower Upper

73 100

57 20.7 17.4 26.0



#20

Methylene Chloride

Concen: 21.136 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY023622.D

Acq: 30 Oct 2025 10:36

Tgt Ion: 84 Resp: 104585

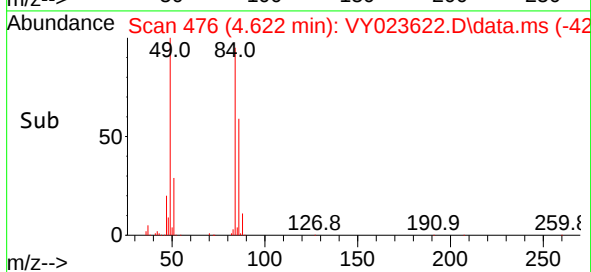
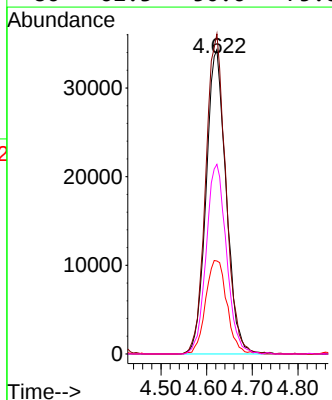
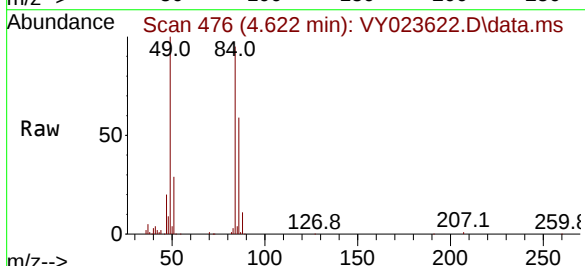
Ion Ratio Lower Upper

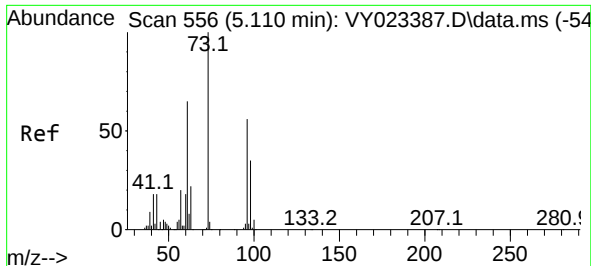
84 100

49 105.1 80.2 120.4

51 30.5 25.9 38.9

86 62.3 50.6 75.8

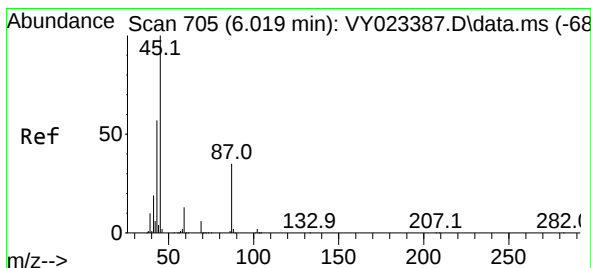
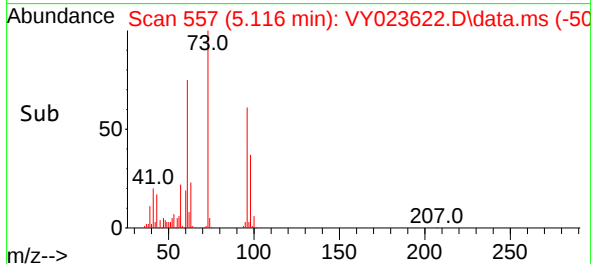
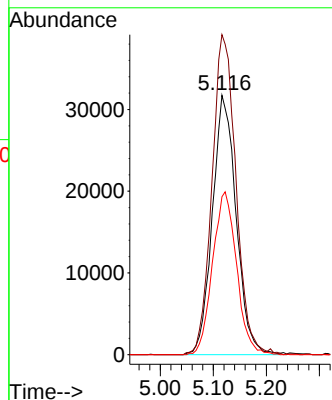
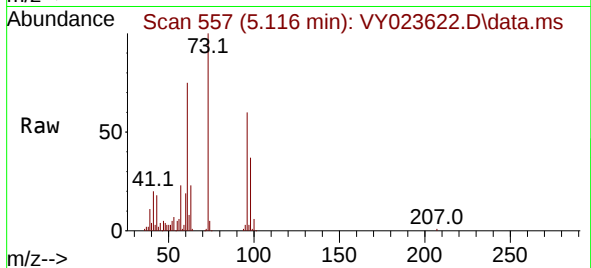




#21
trans-1,2-Dichloroethene
Concen: 21.908 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

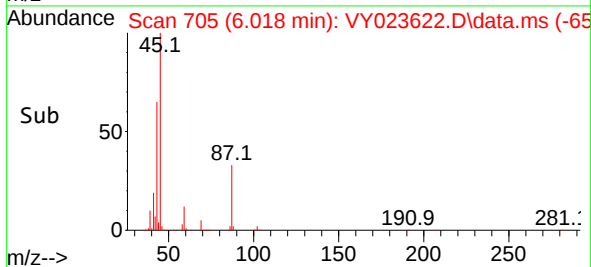
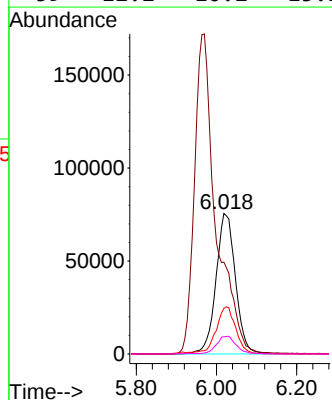
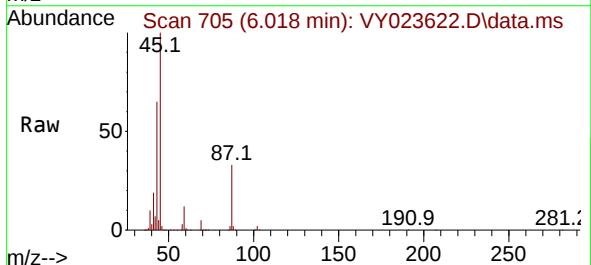
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 96 Resp: 98902
Ion Ratio Lower Upper
96 100
61 123.4 92.7 139.1
98 60.9 49.7 74.5



#22
Diisopropyl ether
Concen: 23.071 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

Tgt Ion: 45 Resp: 255018
Ion Ratio Lower Upper
45 100
43 64.8 45.6 68.4
87 32.4 28.1 42.1
59 12.2 10.2 15.2

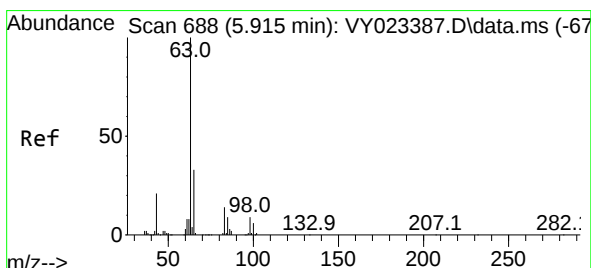
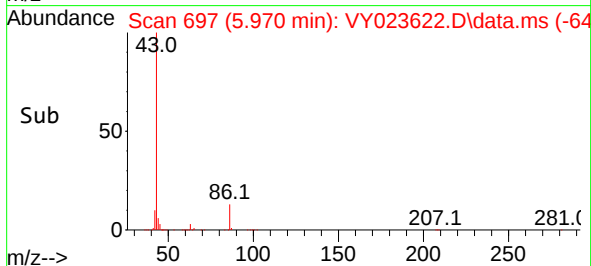
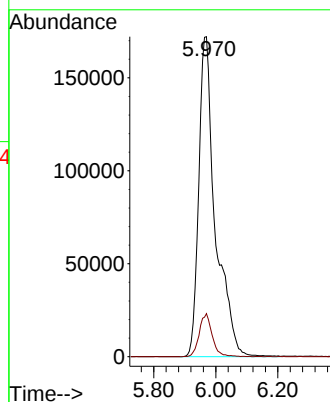
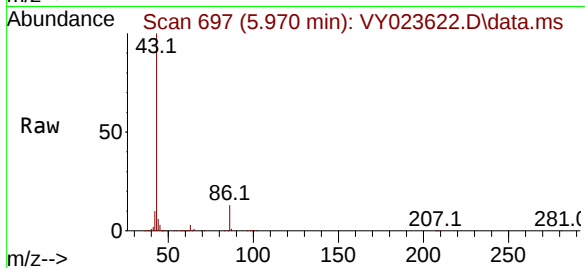




#23
 Vinyl Acetate
 Concen: 107.153 ug/l
 RT: 5.970 min Scan# 641
 Delta R.T. 0.012 min
 Lab File: VY023622.D
 Acq: 30 Oct 2025 10:36

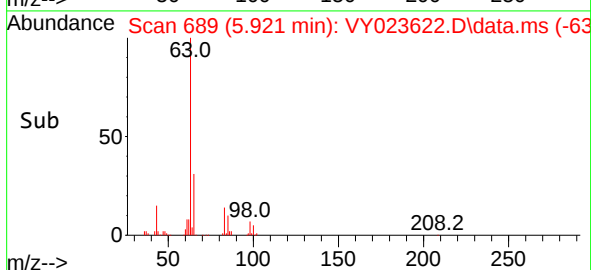
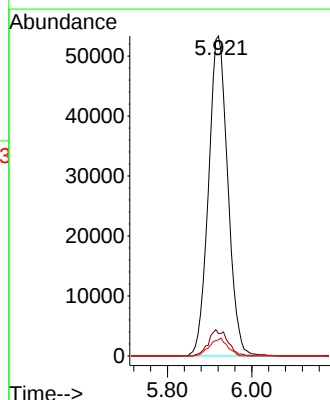
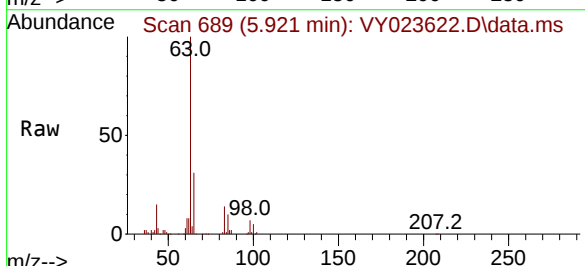
Instrument :
 MSVOA_Y
 ClientSampleId :

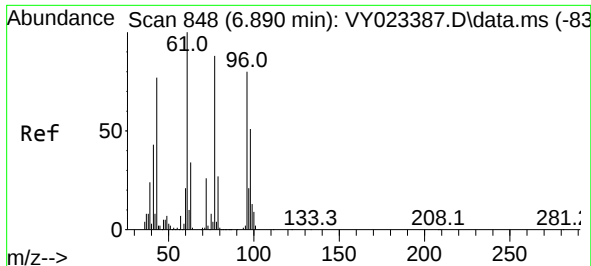
Tgt Ion: 43 Resp: 641109
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 23.123 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023622.D
 Acq: 30 Oct 2025 10:36

Tgt Ion: 63 Resp: 169305
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.3 13.1
 100 5.0 2.8 8.4





#25

2-Butanone

Concen: 116.635 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023622.D

Acq: 30 Oct 2025 10:36

Instrument :

MSVOA_Y

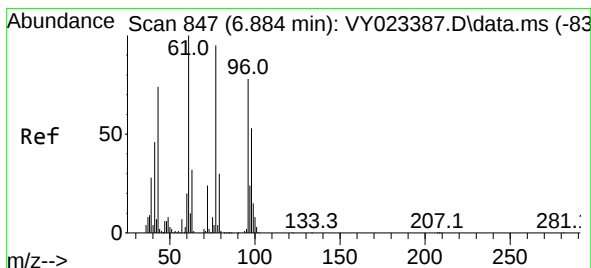
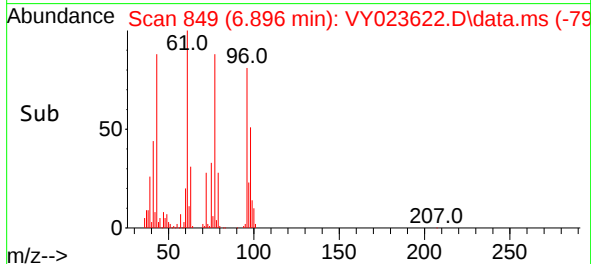
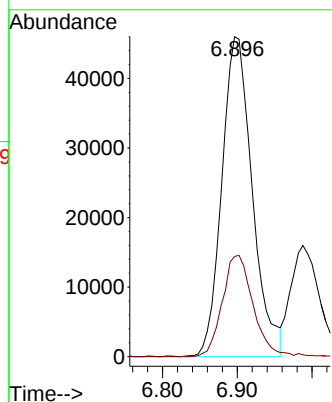
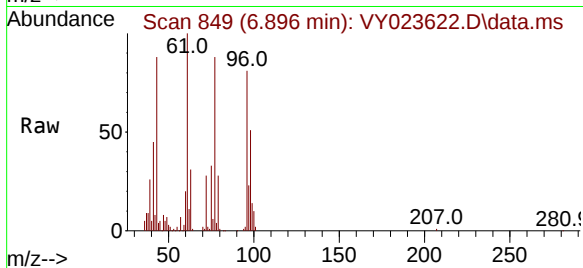
ClientSampleId :

Tgt Ion: 43 Resp: 130303

Ion Ratio Lower Upper

43 100

72 31.3 27.4 41.2



#26

2,2-Dichloropropane

Concen: 23.336 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023622.D

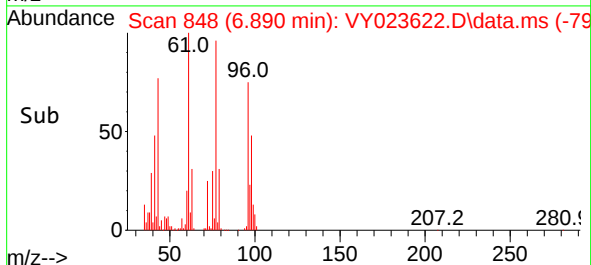
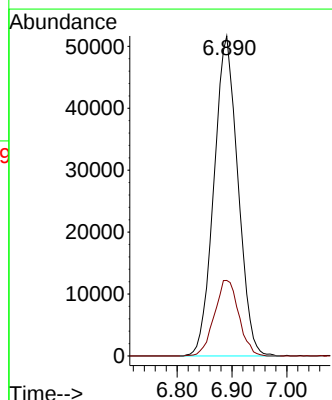
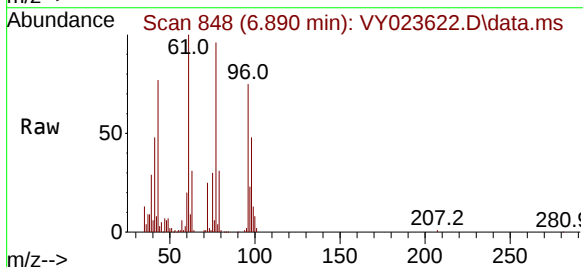
Acq: 30 Oct 2025 10:36

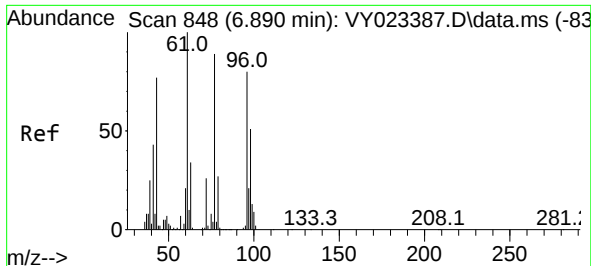
Tgt Ion: 77 Resp: 156784

Ion Ratio Lower Upper

77 100

97 24.1 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 22.523 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023622.D

Acq: 30 Oct 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :

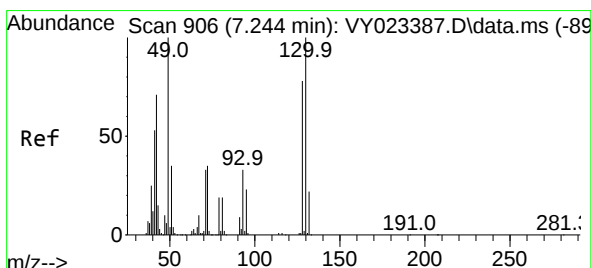
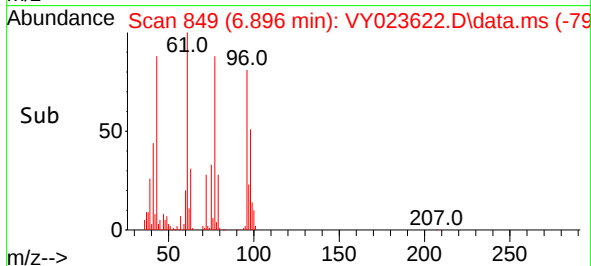
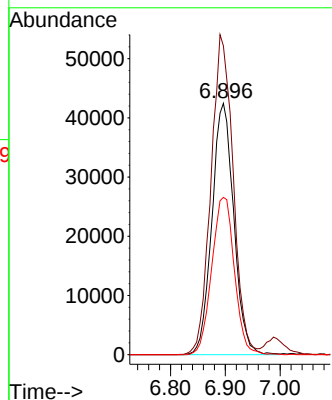
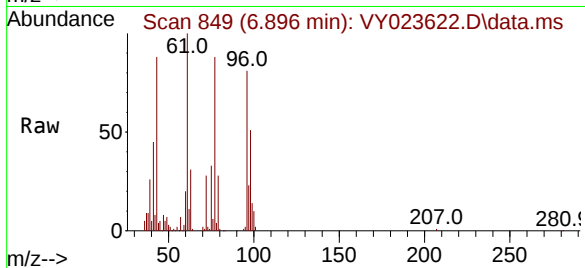
Tgt Ion: 96 Resp: 117449

Ion Ratio Lower Upper

96 100

61 129.0 0.0 258.2

98 64.8 0.0 132.0



#28

Bromochloromethane

Concen: 22.389 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023622.D

Acq: 30 Oct 2025 10:36

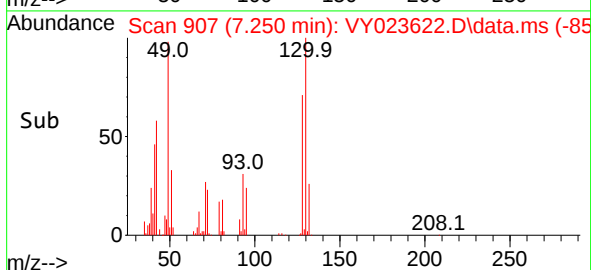
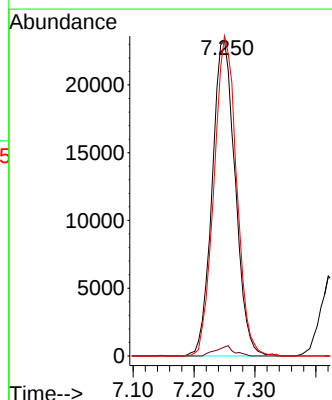
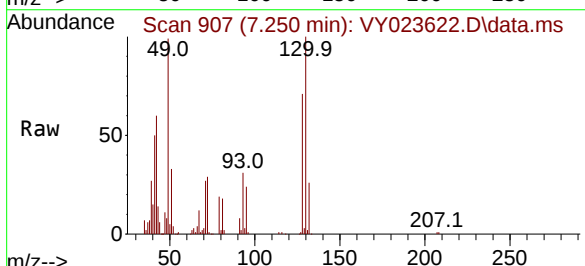
Tgt Ion: 49 Resp: 61199

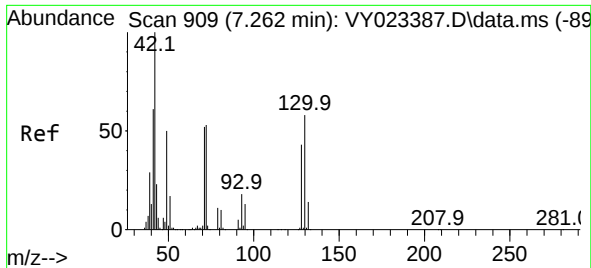
Ion Ratio Lower Upper

49 100

129 2.6 0.0 5.6

130 99.6 81.9 122.9





#29

Tetrahydrofuran

Concen: 94.895 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY023622.D

Acq: 30 Oct 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :

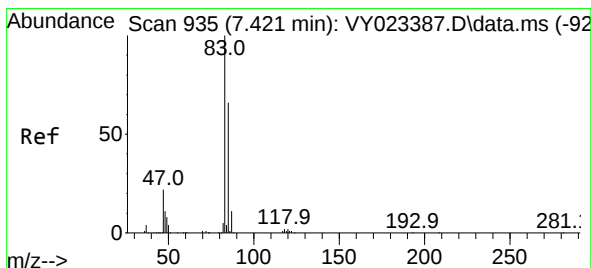
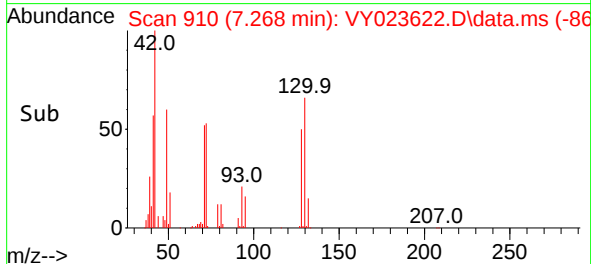
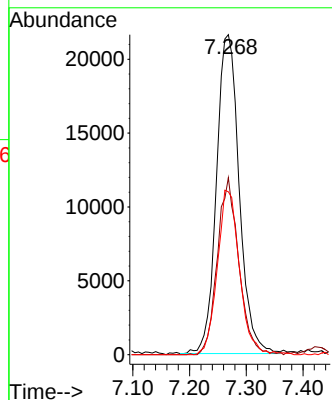
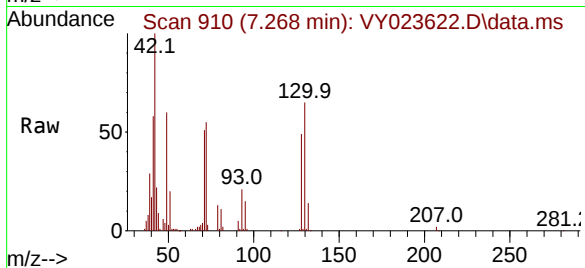
Tgt Ion: 42 Resp: 60118

Ion Ratio Lower Upper

42 100

72 52.1 43.0 64.6

71 50.4 40.1 60.1



#30

Chloroform

Concen: 23.207 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY023622.D

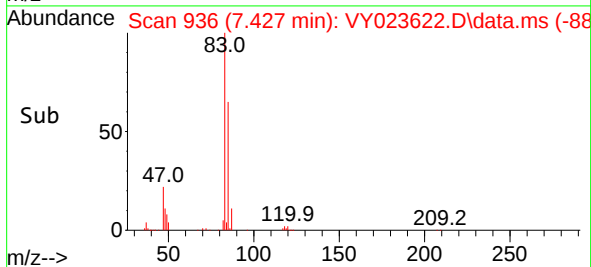
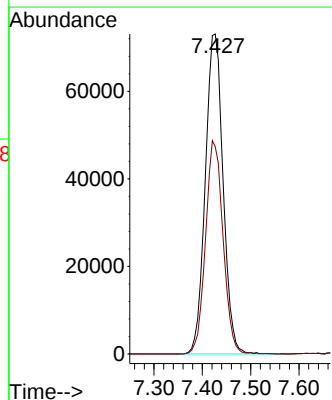
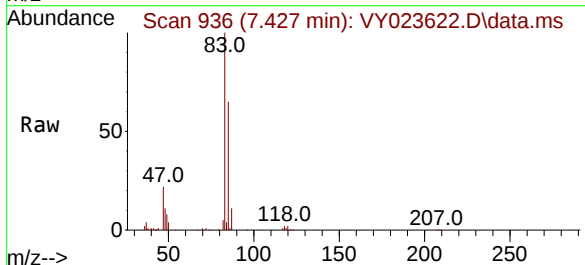
Acq: 30 Oct 2025 10:36

Tgt Ion: 83 Resp: 186695

Ion Ratio Lower Upper

83 100

85 64.8 52.5 78.7

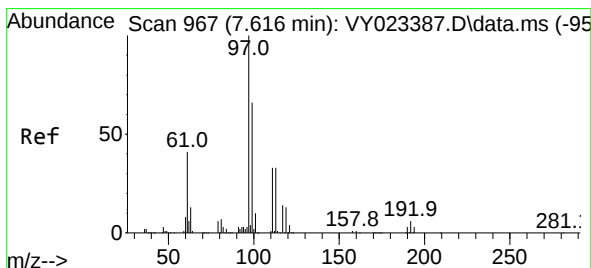
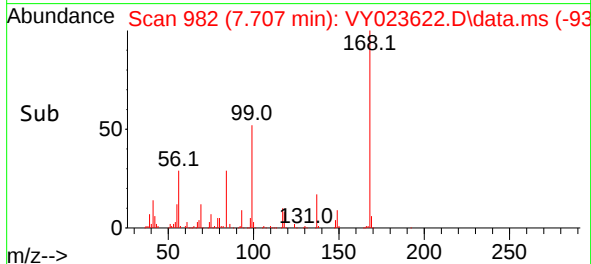
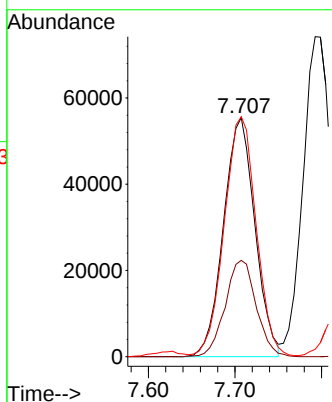
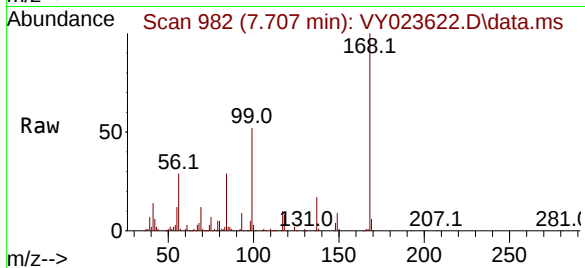




#31
Cyclohexane
Concen: 21.870 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

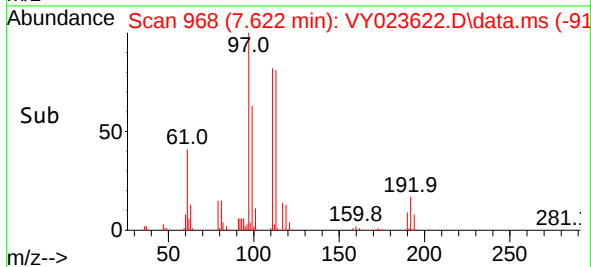
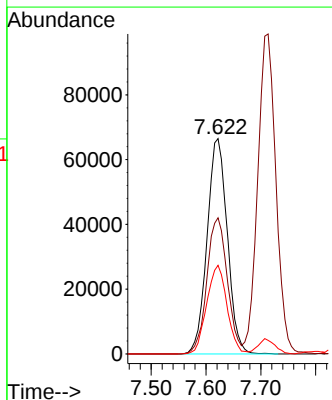
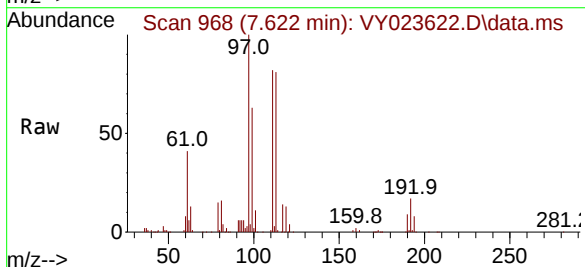
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 139846
Ion Ratio Lower Upper
56 100
69 40.3 30.0 45.0
84 99.1 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 23.283 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

Tgt Ion: 97 Resp: 170215
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.2
61 41.4 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 48.763 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY023622.D

Acq: 30 Oct 2025 10:36

Instrument :

MSVOA_Y

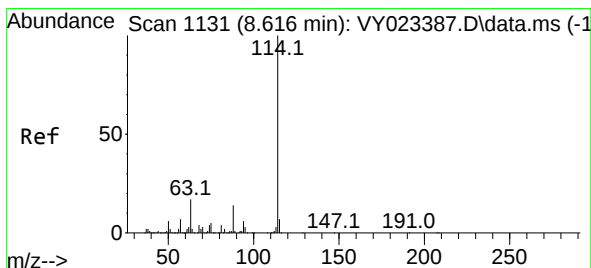
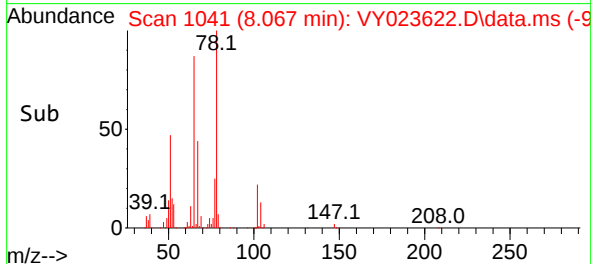
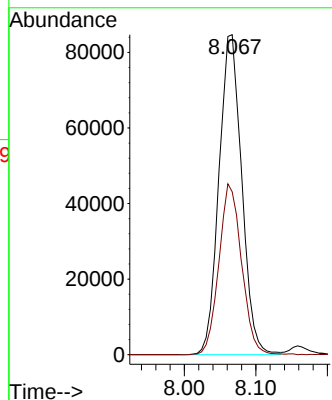
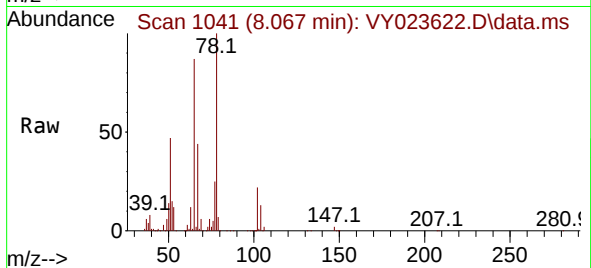
ClientSampleId :

Tgt Ion: 65 Resp: 187438

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023622.D

Acq: 30 Oct 2025 10:36

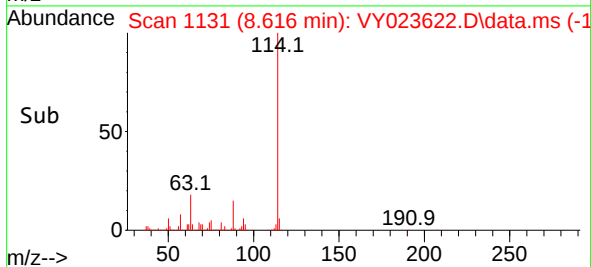
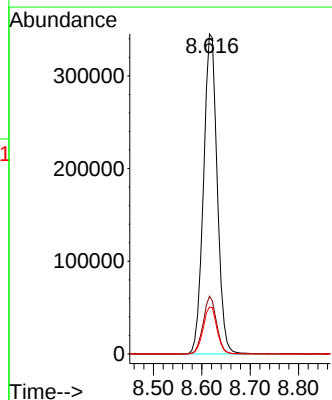
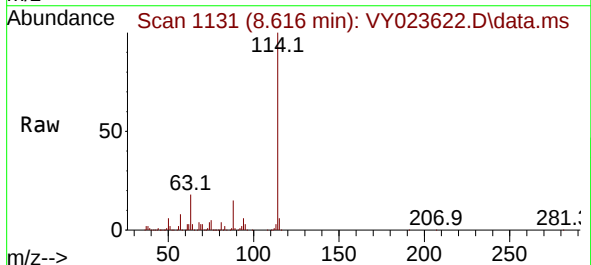
Tgt Ion:114 Resp: 679981

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.2

88 14.7 0.0 28.4

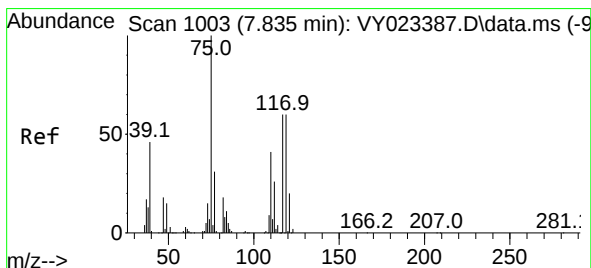
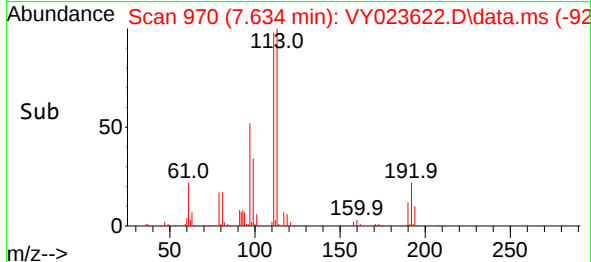
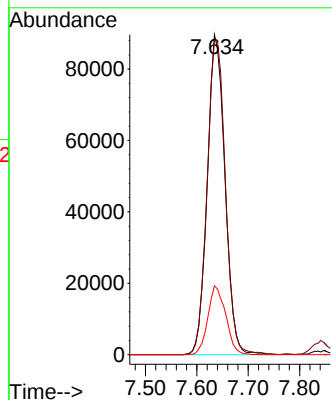
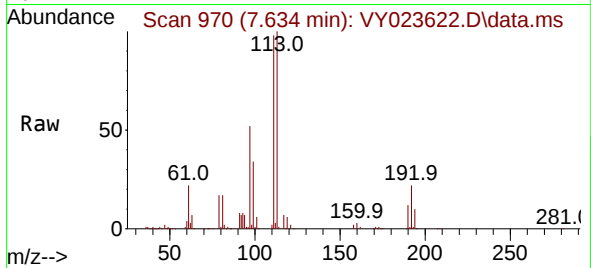




#35
Dibromofluoromethane
Concen: 51.476 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

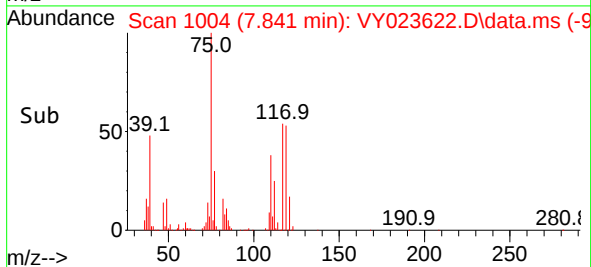
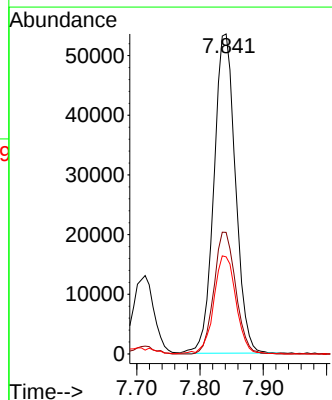
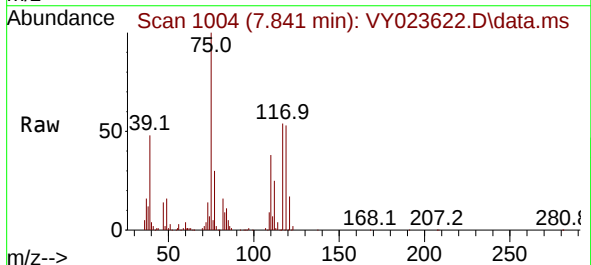
Instrument :
MSVOA_Y
ClientSampleId :

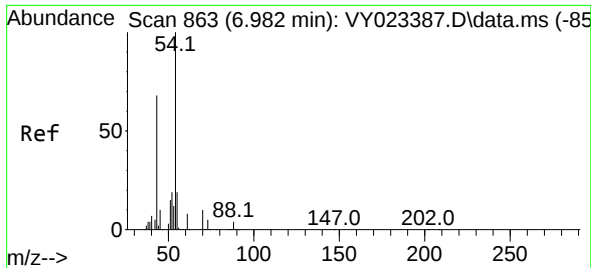
Tgt Ion:113 Resp: 215074
Ion Ratio Lower Upper
113 100
111 101.5 81.8 122.6
192 21.7 18.0 27.0



#36
1,1-Dichloropropene
Concen: 22.837 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

Tgt Ion: 75 Resp: 126319
Ion Ratio Lower Upper
75 100
110 38.6 19.9 59.7
77 32.0 25.0 37.6

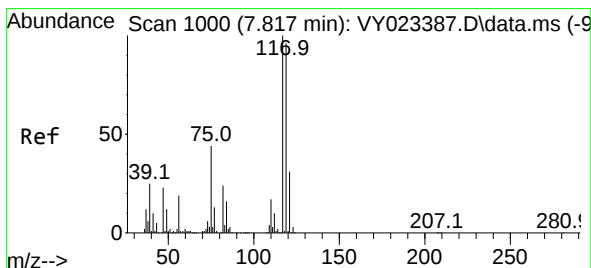
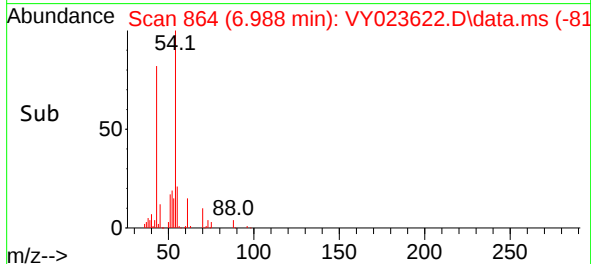
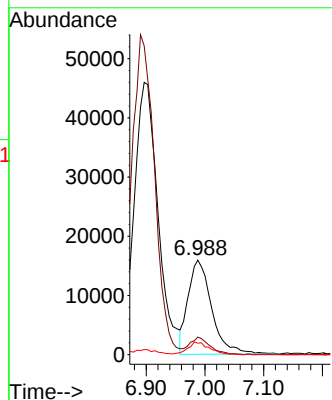
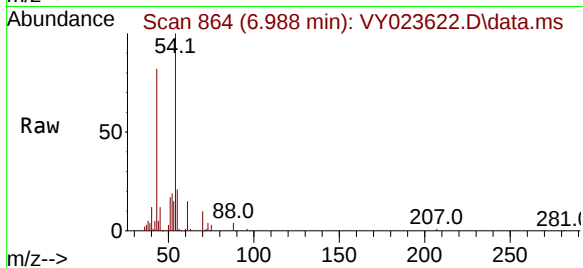




#37
Ethyl Acetate
Concen: 20.260 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

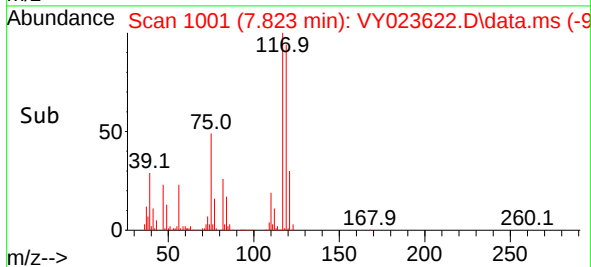
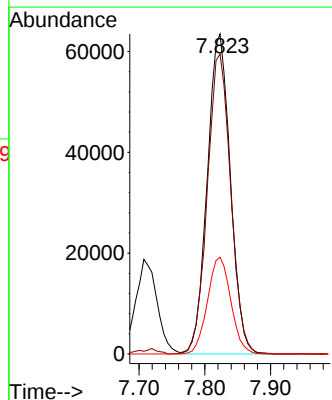
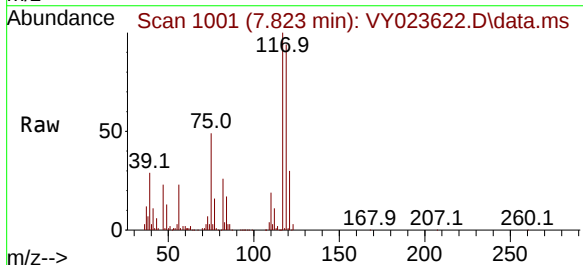
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 44397
Ion Ratio Lower Upper
43 100
61 16.7 11.8 17.8
70 12.3 10.5 15.7



#38
Carbon Tetrachloride
Concen: 23.131 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

Tgt Ion: 117 Resp: 155145
Ion Ratio Lower Upper
117 100
119 93.8 76.8 115.2
121 30.2 24.5 36.7





#39

Methylcyclohexane

Concen: 21.644 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

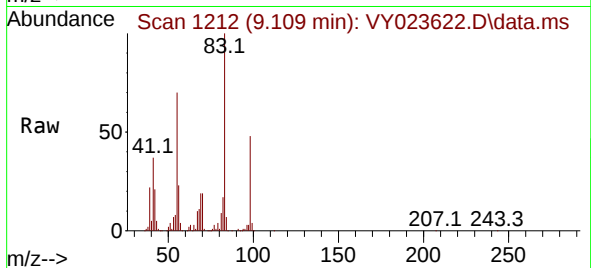
Lab File: VY023622.D

Acq: 30 Oct 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :



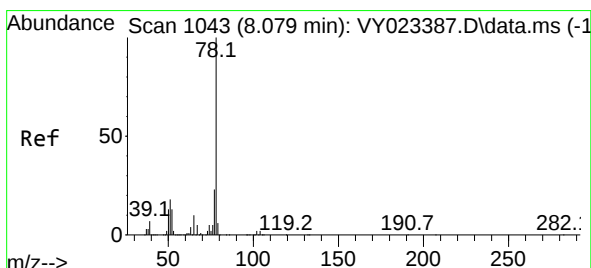
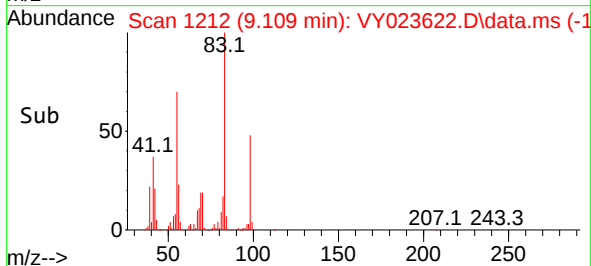
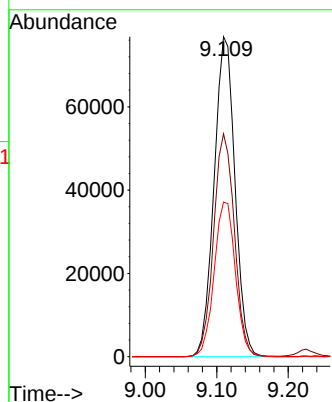
Tgt Ion: 83 Resp: 155883

Ion Ratio Lower Upper

83 100

55 69.7 51.4 77.2

98 48.3 40.4 60.6



#40

Benzene

Concen: 23.267 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023622.D

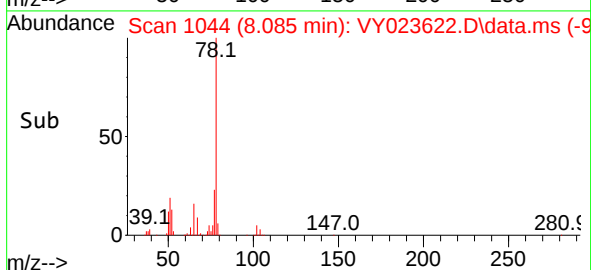
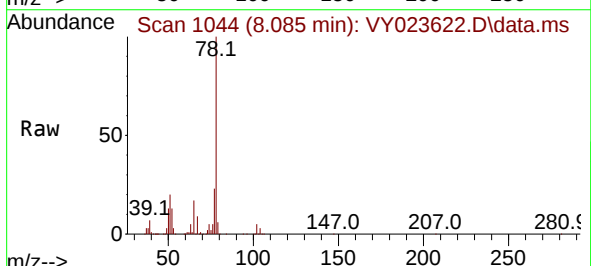
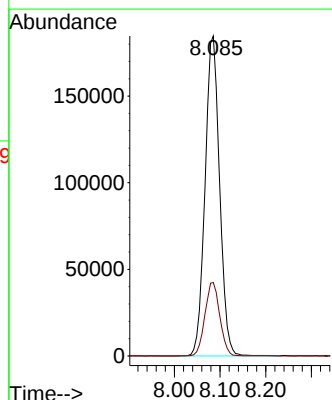
Acq: 30 Oct 2025 10:36

Tgt Ion: 78 Resp: 407587

Ion Ratio Lower Upper

78 100

77 22.9 18.3 27.5



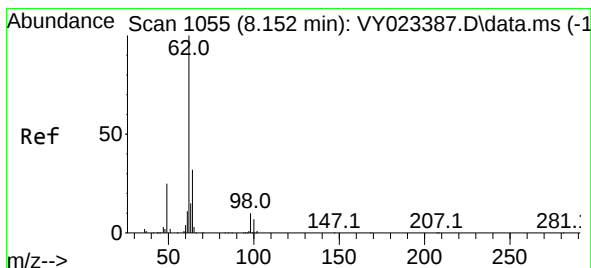
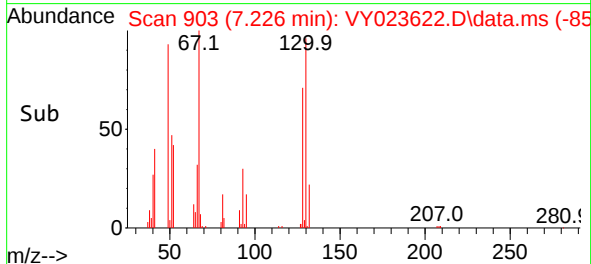
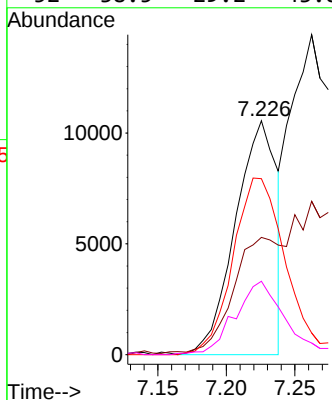
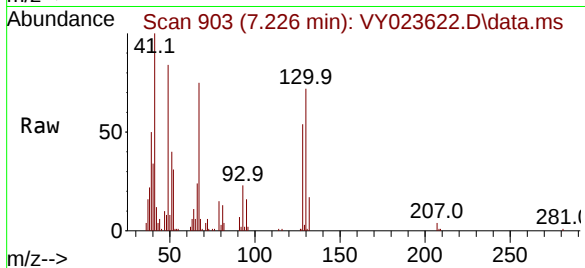


#41
Methacrylonitrile
Concen: 18.741 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 22212

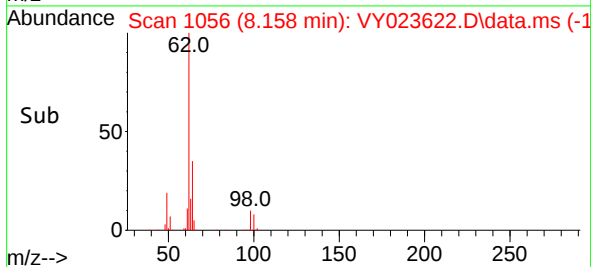
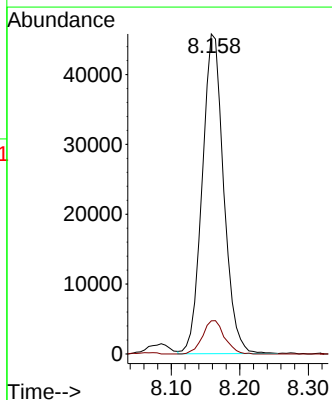
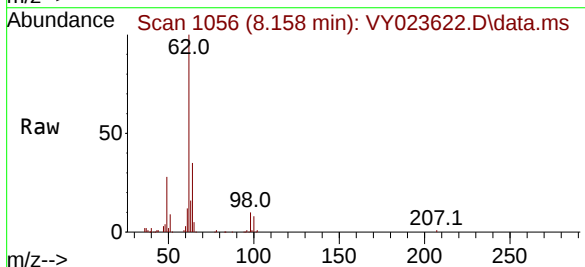
Ion	Ratio	Lower	Upper
41	100		
39	54.1	52.2	78.4
67	98.1	74.9	112.3
52	38.5	29.2	43.8

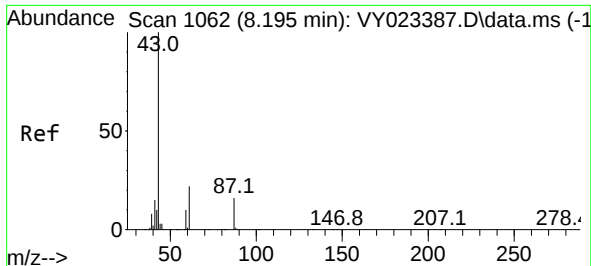


#42
1,2-Dichloroethane
Concen: 22.054 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

Tgt Ion: 62 Resp: 99637

Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.6





#43

Isopropyl Acetate

Concen: 19.865 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY023622.D

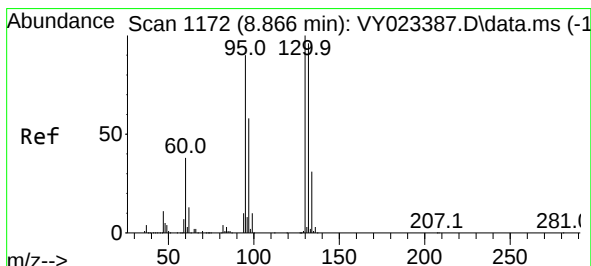
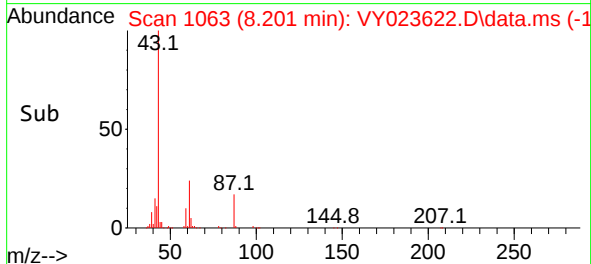
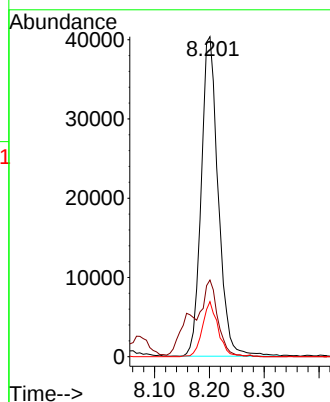
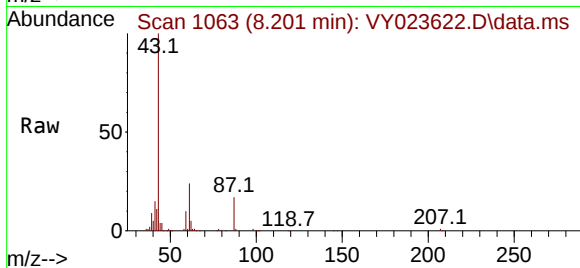
Acq: 30 Oct 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 86806
Ion Ratio	Lower Upper
43	100
61	22.3 18.1 27.1
87	15.9 13.5 20.3



#44

Trichloroethene

Concen: 22.604 ug/l

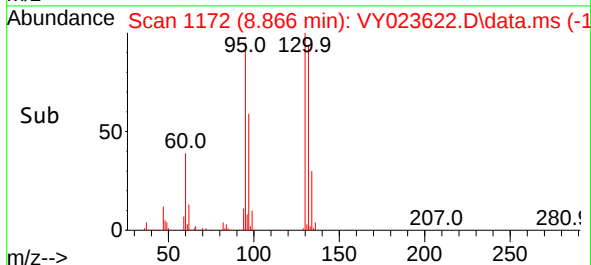
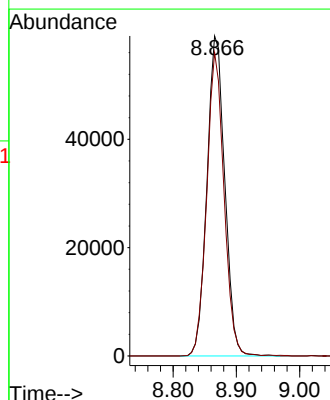
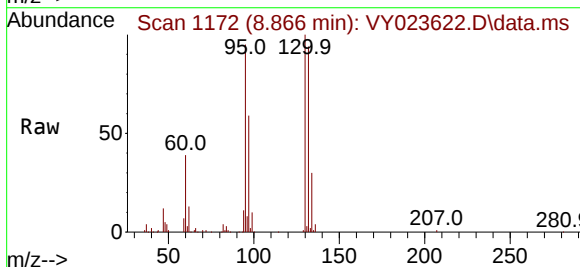
RT: 8.866 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VY023622.D

Acq: 30 Oct 2025 10:36

Tgt Ion: 130	Resp: 115895
Ion Ratio	Lower Upper
130	100
95	94.8 0.0 180.6





#45

1,2-Dichloropropane

Concen: 23.268 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023622.D

Acq: 30 Oct 2025 10:36

Instrument :

MSVOA_Y

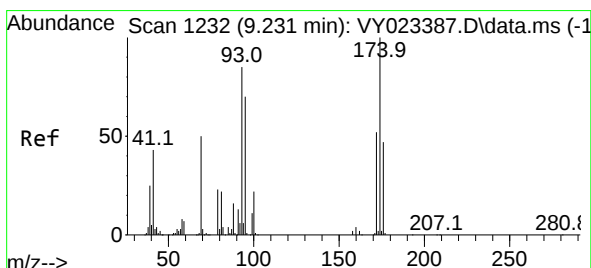
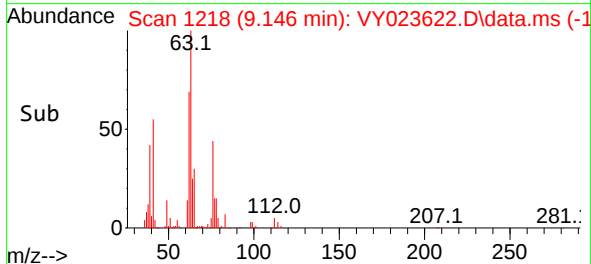
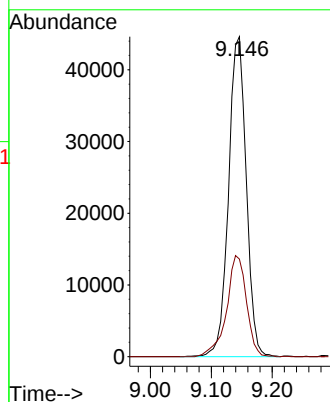
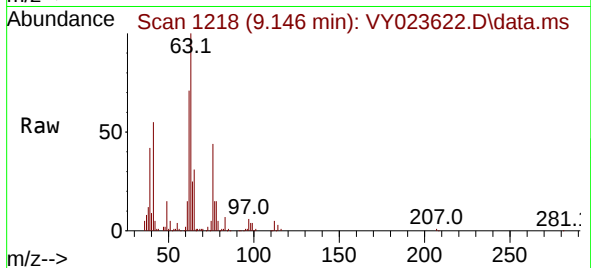
ClientSampleId :

Tgt Ion: 63 Resp: 90028

Ion Ratio Lower Upper

63 100

65 30.5 24.9 37.3



#46

Dibromomethane

Concen: 22.126 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023622.D

Acq: 30 Oct 2025 10:36

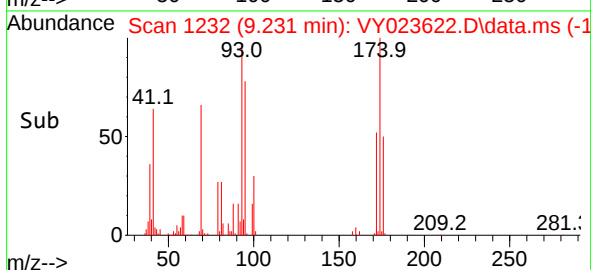
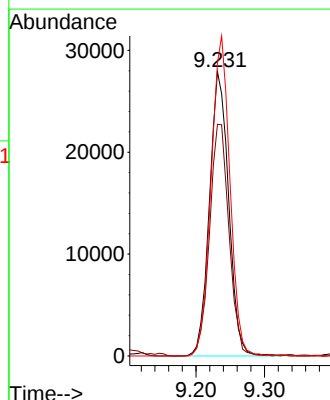
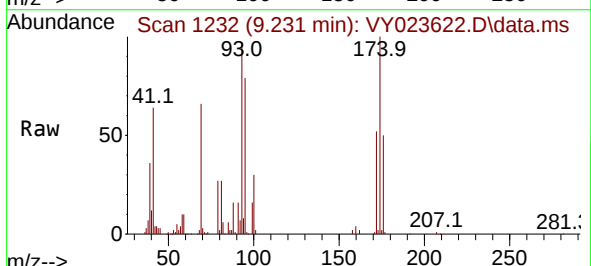
Tgt Ion: 93 Resp: 54135

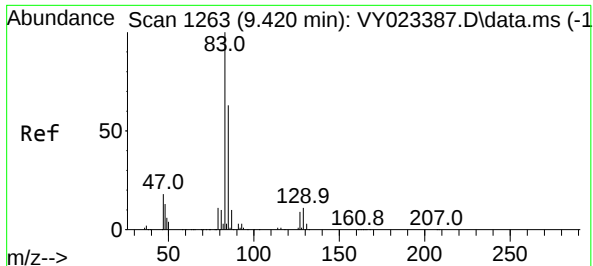
Ion Ratio Lower Upper

93 100

95 82.8 65.4 98.0

174 110.7 92.9 139.3

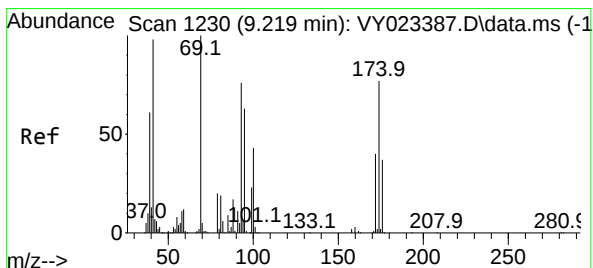
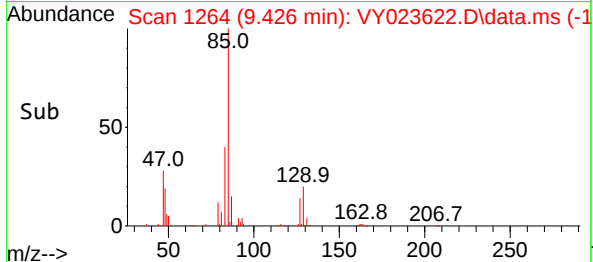
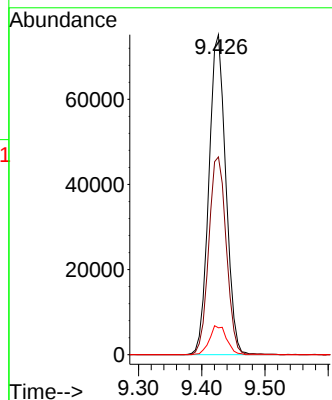
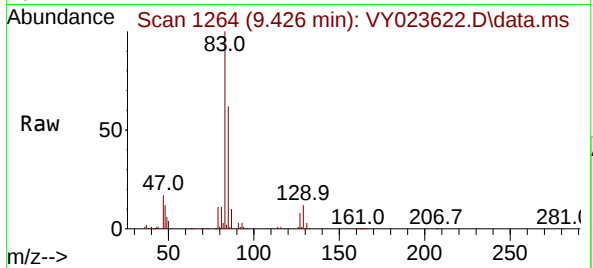




#47
Bromodichloromethane
Concen: 22.702 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

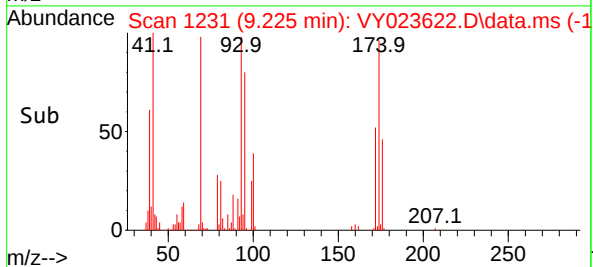
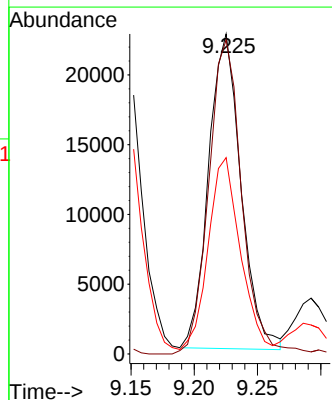
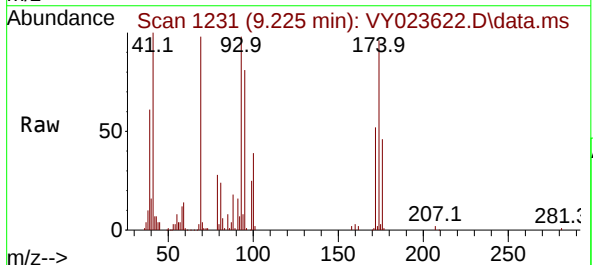
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 139891
Ion Ratio Lower Upper
83 100
85 61.8 50.8 76.2
127 8.4 7.4 11.2



#48
Methyl methacrylate
Concen: 19.603 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

Tgt Ion: 41 Resp: 40241
Ion Ratio Lower Upper
41 100
69 101.4 81.0 121.4
39 61.9 48.2 72.4

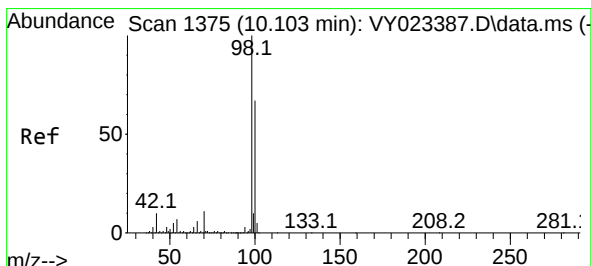
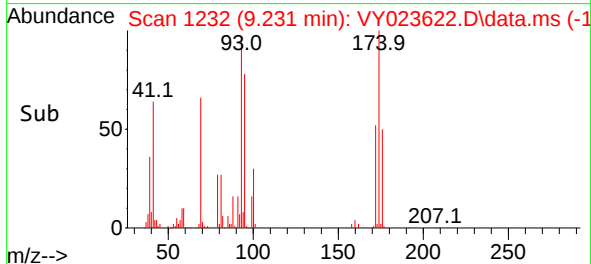
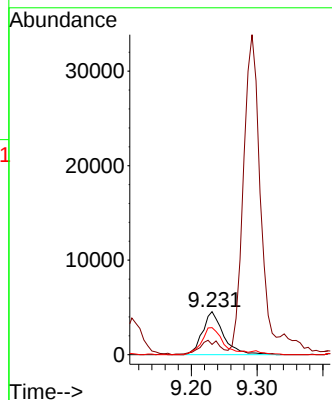
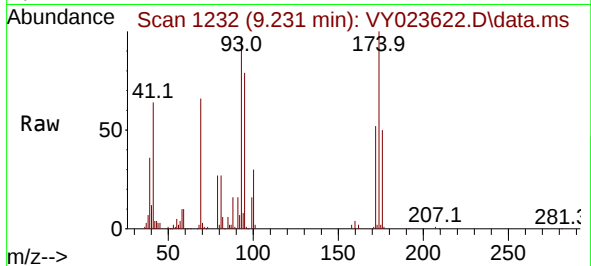




#49
1,4-Dioxane
Concen: 356.120 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

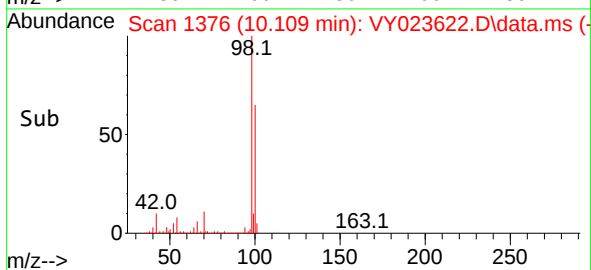
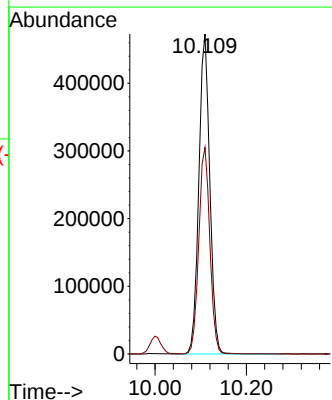
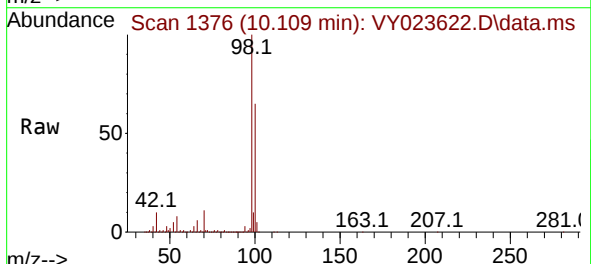
Instrument :
MSVOA_Y
ClientSampleId :

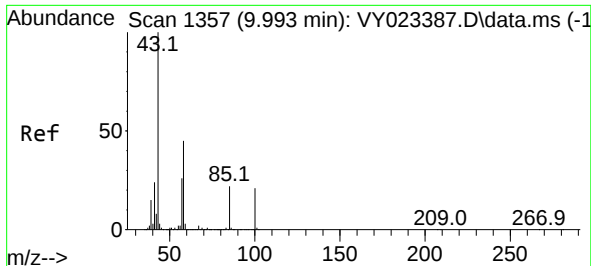
Tgt Ion: 88 Resp: 10102
Ion Ratio Lower Upper
88 100
43 29.5 21.8 32.8
58 64.5 46.8 70.2



#50
Toluene-d8
Concen: 50.390 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

Tgt Ion: 98 Resp: 784064
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 99.976 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023622.D

Acq: 30 Oct 2025 10:36

Instrument :

MSVOA_Y

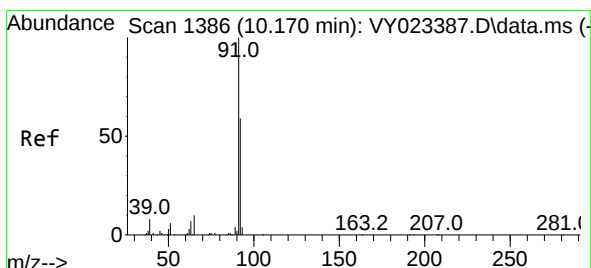
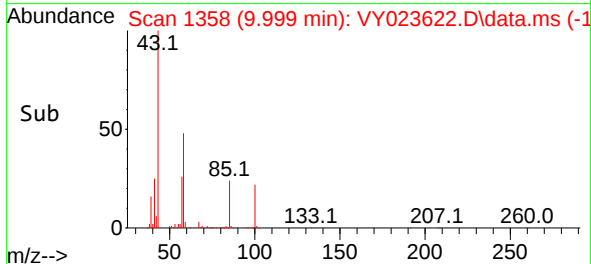
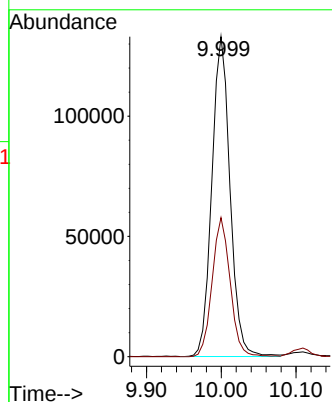
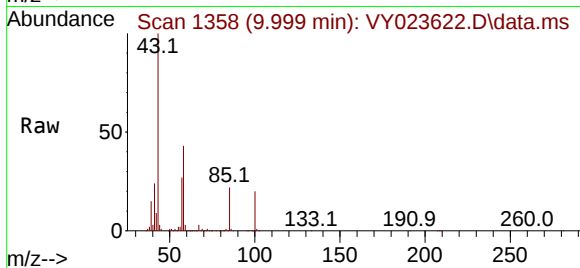
ClientSampleId :

Tgt Ion: 43 Resp: 225713

Ion Ratio Lower Upper

43 100

58 43.0 35.3 52.9



#52

Toluene

Concen: 22.985 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY023622.D

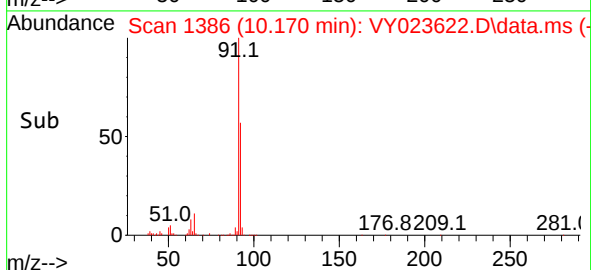
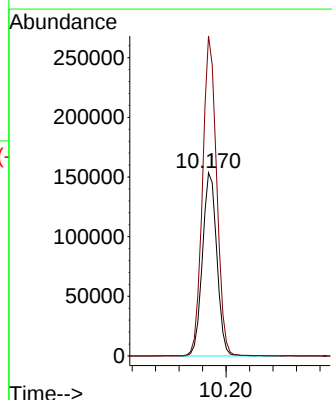
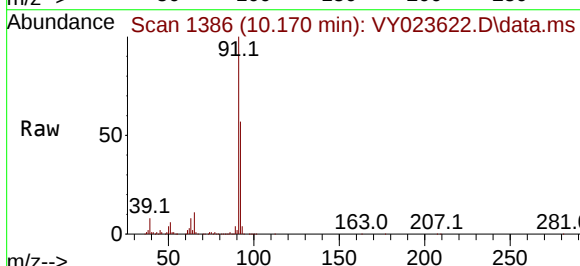
Acq: 30 Oct 2025 10:36

Tgt Ion: 92 Resp: 261425

Ion Ratio Lower Upper

92 100

91 171.2 136.4 204.6

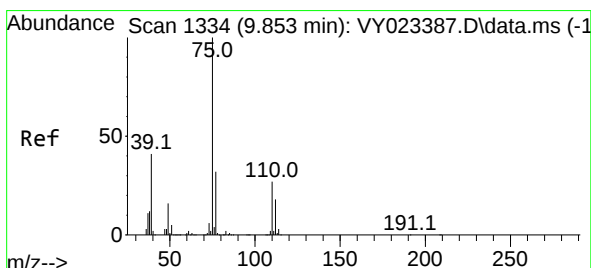
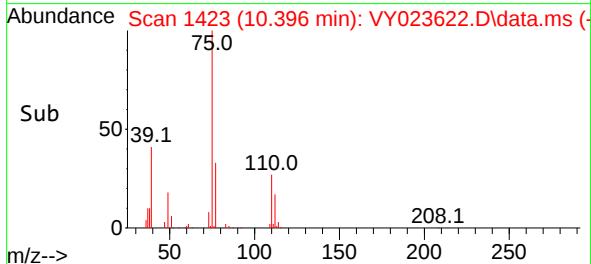
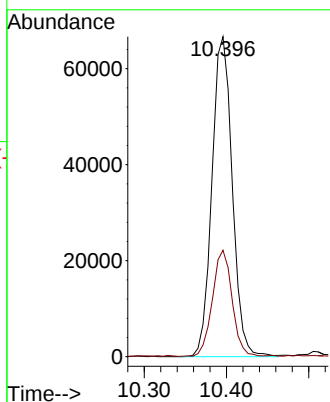
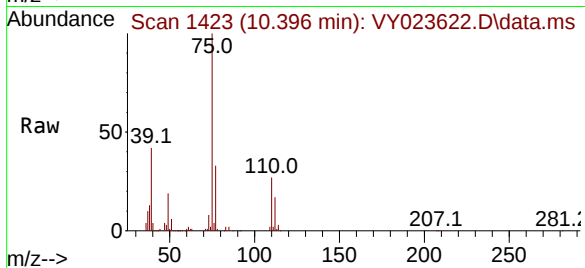




#53
 t-1,3-Dichloropropene
 Concen: 21.309 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY023622.D
 Acq: 30 Oct 2025 10:36

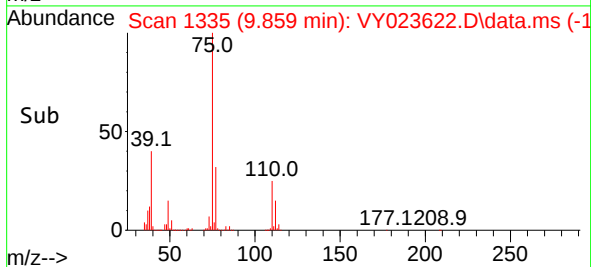
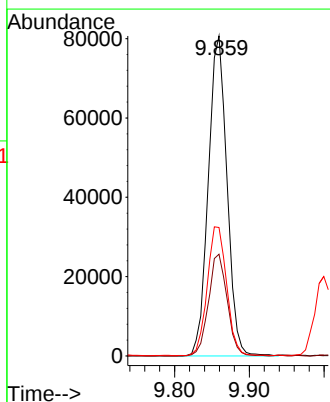
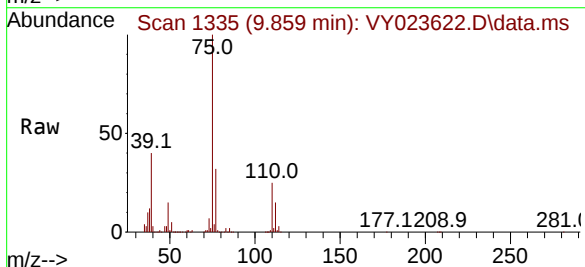
Instrument :
 MSVOA_Y
 ClientSampleId :

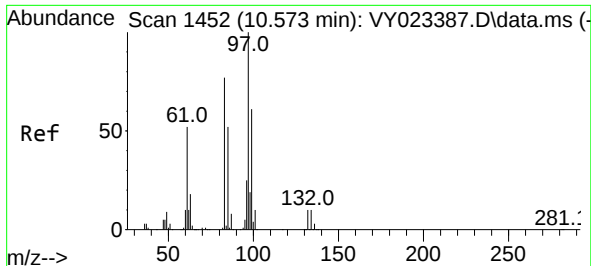
Tgt Ion: 75 Resp: 114172
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 22.137 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023622.D
 Acq: 30 Oct 2025 10:36

Tgt Ion: 75 Resp: 139983
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.0
 39 40.0 32.8 49.2

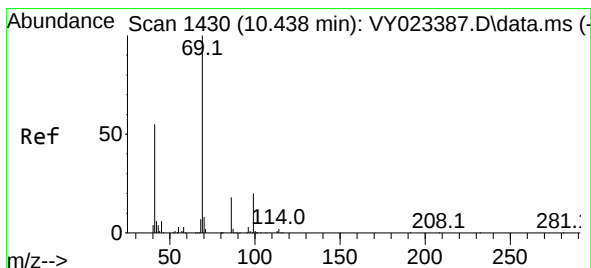
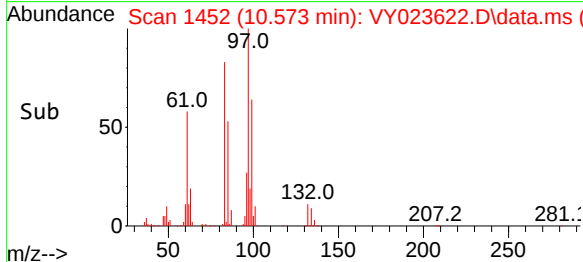
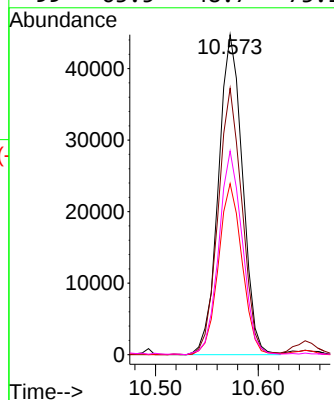
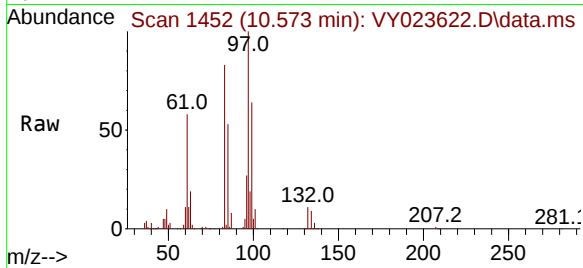




#55
1,1,2-Trichloroethane
Concen: 22.154 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

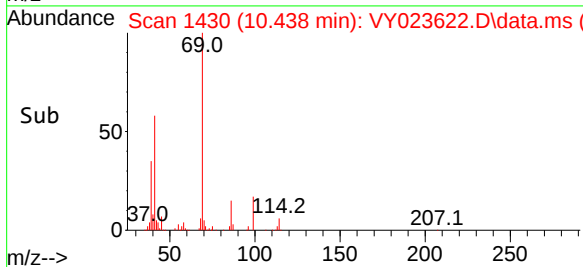
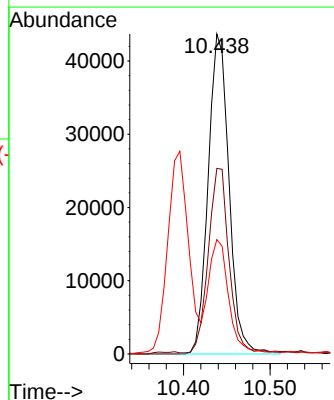
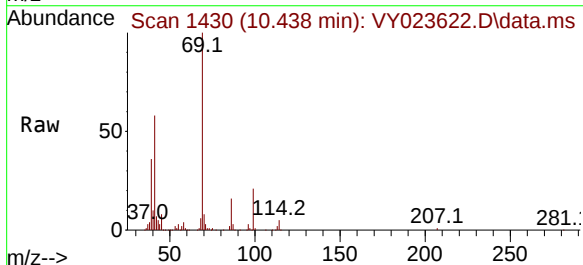
Instrument :
MSVOA_Y
ClientSampleId :

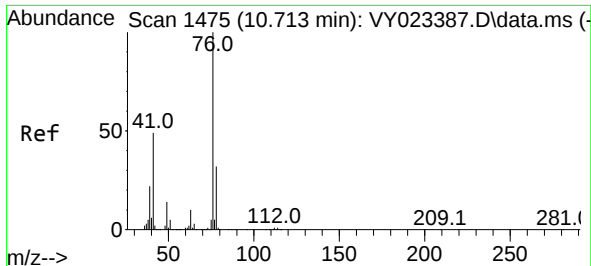
Tgt Ion: 97	Resp: 72889
Ion Ratio	Lower Upper
97 100	
83 83.1	61.8 92.6
85 53.4	41.3 61.9
99 63.5	48.7 73.1



#56
Ethyl methacrylate
Concen: 19.275 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

Tgt Ion: 69	Resp: 73151
Ion Ratio	Lower Upper
69 100	
41 57.1	44.6 67.0
39 33.7	27.0 40.4





#57

1,3-Dichloropropane

Concen: 21.929 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023622.D

Acq: 30 Oct 2025 10:36

Instrument :

MSVOA_Y

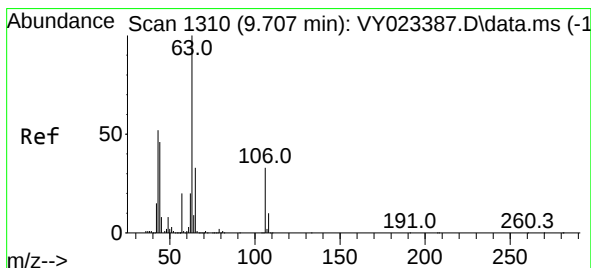
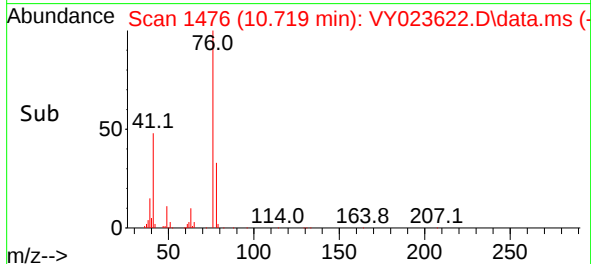
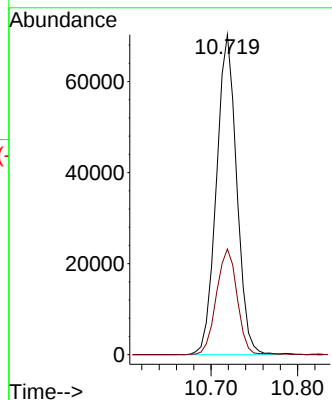
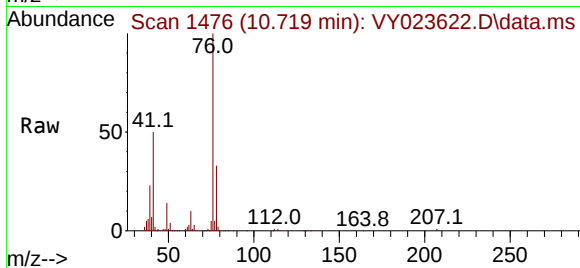
ClientSampleId :

Tgt Ion: 76 Resp: 114330

Ion Ratio Lower Upper

76 100

78 33.9 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 98.265 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023622.D

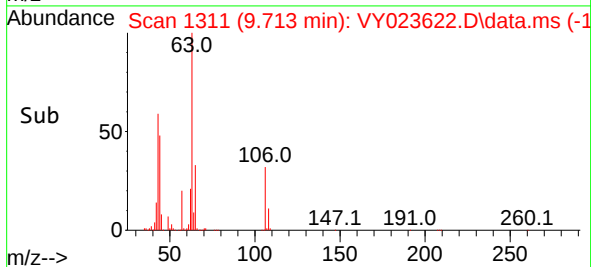
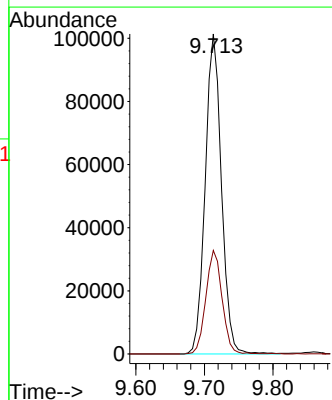
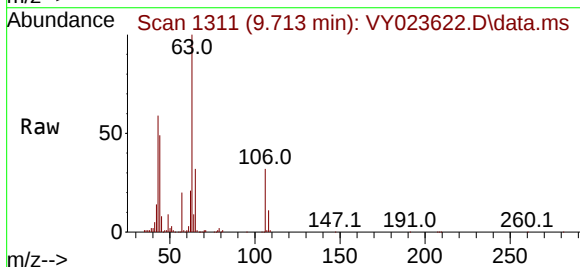
Acq: 30 Oct 2025 10:36

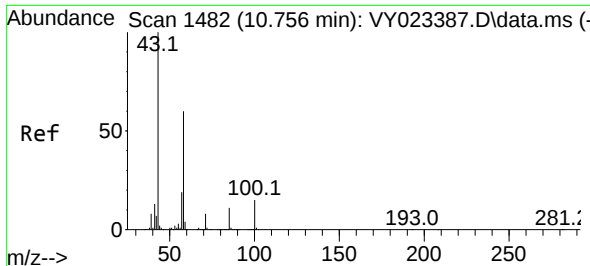
Tgt Ion: 63 Resp: 167064

Ion Ratio Lower Upper

63 100

106 32.4 26.6 39.8

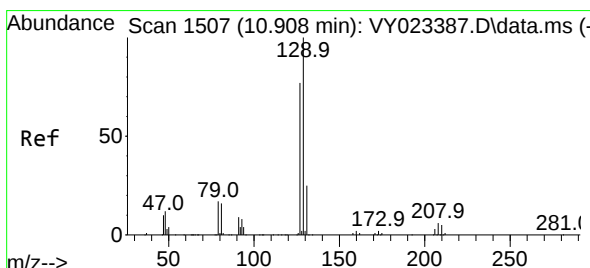
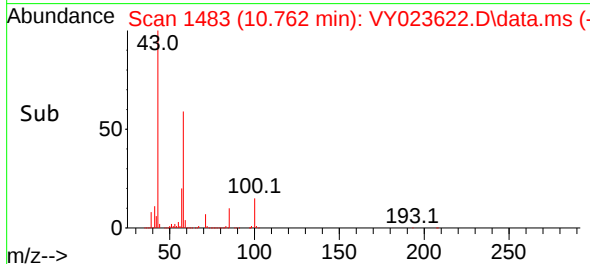
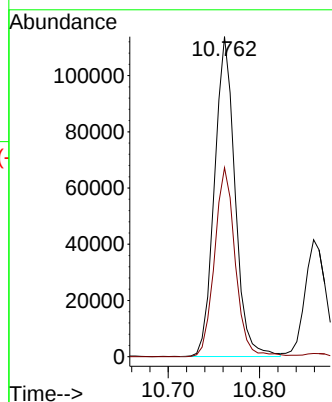
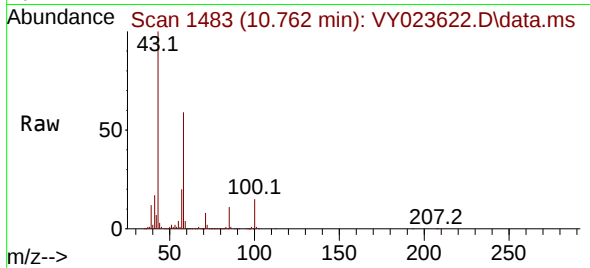




#59
2-Hexanone
Concen: 110.037 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

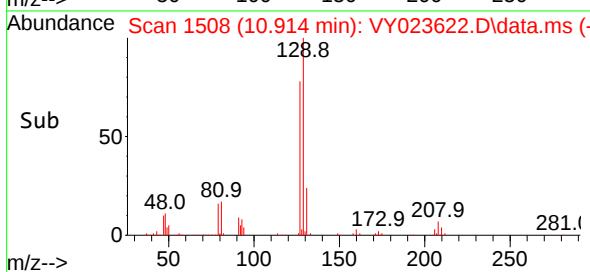
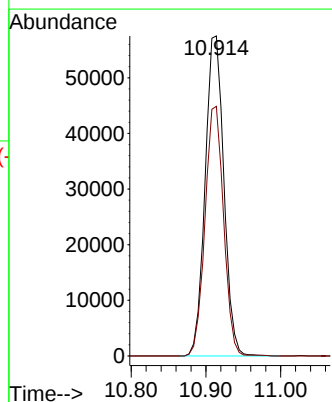
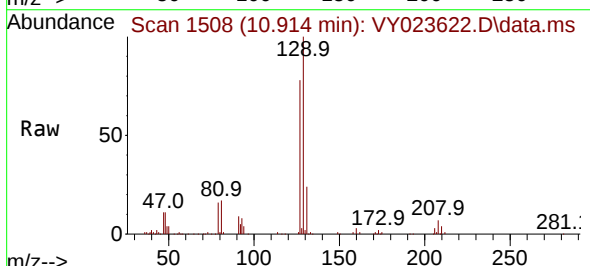
Instrument :
MSVOA_Y
ClientSampleId :

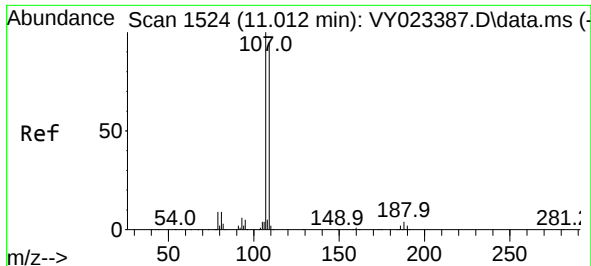
Tgt Ion: 43 Resp: 177538
Ion Ratio Lower Upper
43 100
58 59.6 30.5 91.5



#60
Dibromochloromethane
Concen: 21.662 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

Tgt Ion: 129 Resp: 99923
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.7

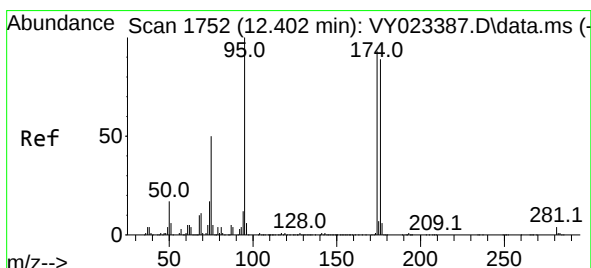
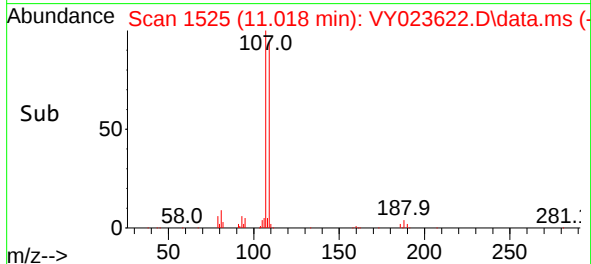
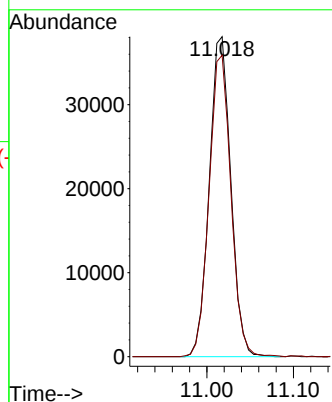
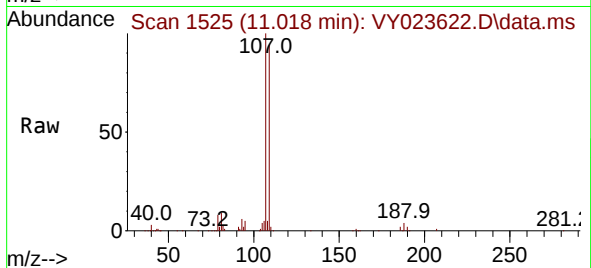




#61
1,2-Dibromoethane
Concen: 20.960 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

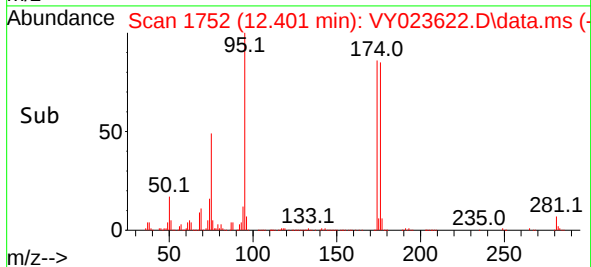
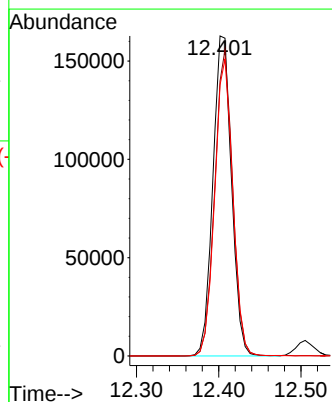
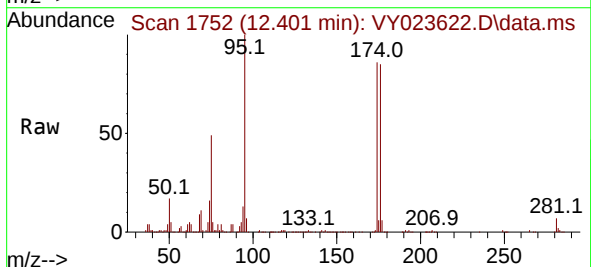
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 65766
Ion Ratio Lower Upper
107 100
109 95.7 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 49.856 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

Tgt Ion: 95 Resp: 256116
Ion Ratio Lower Upper
95 100
174 92.2 0.0 192.8
176 90.3 0.0 187.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023622.D

Acq: 30 Oct 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :

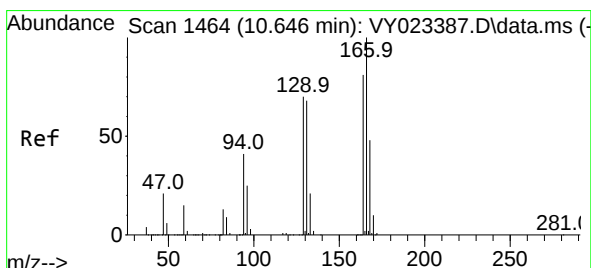
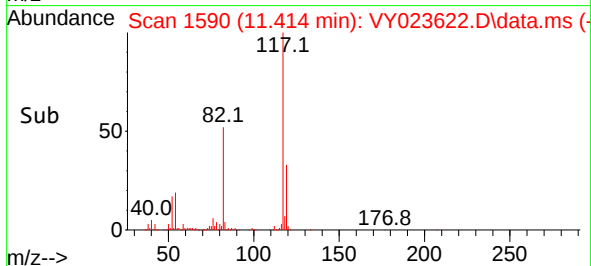
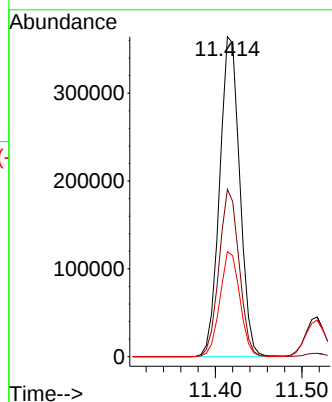
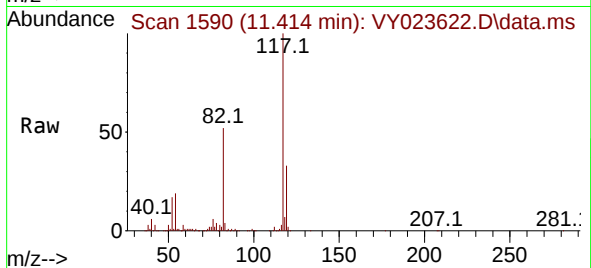
Tgt Ion:117 Resp: 588601

Ion Ratio Lower Upper

117 100

82 52.3 41.0 61.4

119 32.8 25.6 38.4



#64

Tetrachloroethene

Concen: 22.437 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY023622.D

Acq: 30 Oct 2025 10:36

Tgt Ion:164 Resp: 136363

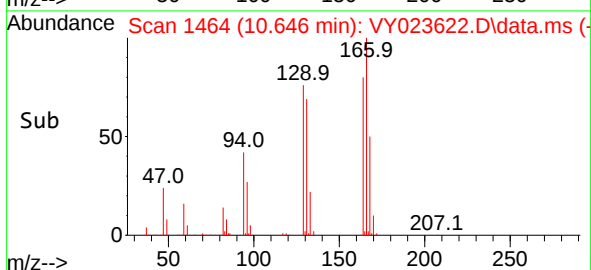
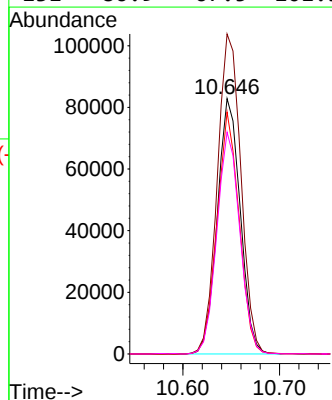
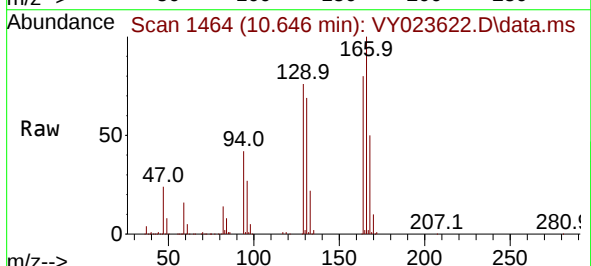
Ion Ratio Lower Upper

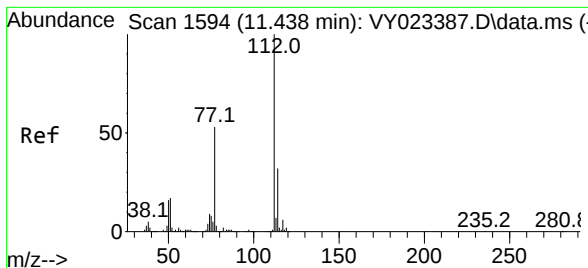
164 100

166 125.3 99.4 149.0

129 94.8 69.4 104.2

131 86.9 67.5 101.3





#65

Chlorobenzene

Concen: 22.579 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023622.D

Acq: 30 Oct 2025 10:36

Instrument :

MSVOA_Y

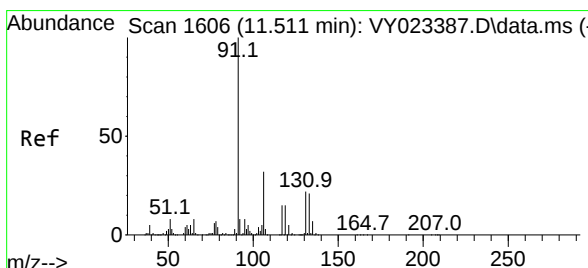
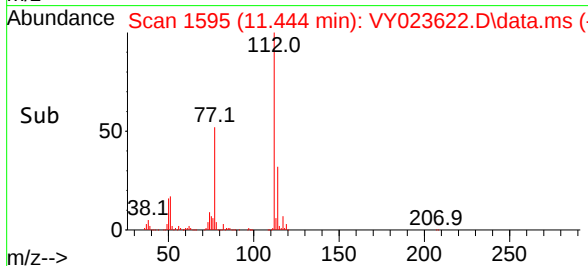
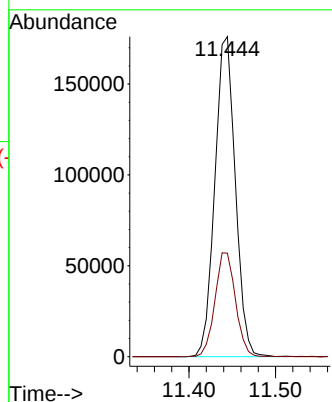
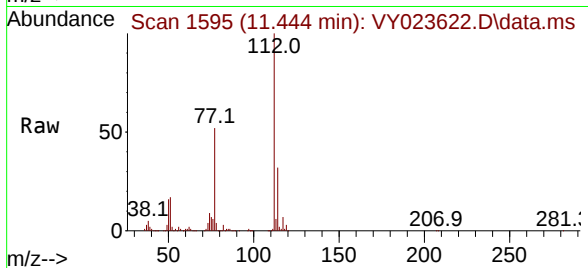
ClientSampleId :

Tgt Ion:112 Resp: 289053

Ion Ratio Lower Upper

112 100

114 32.3 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 22.687 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023622.D

Acq: 30 Oct 2025 10:36

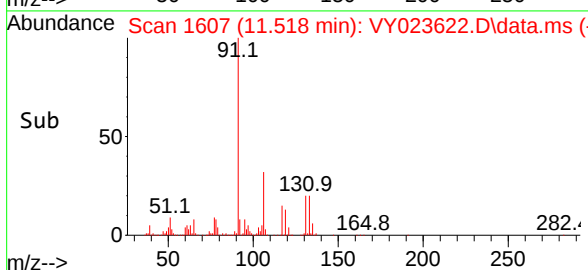
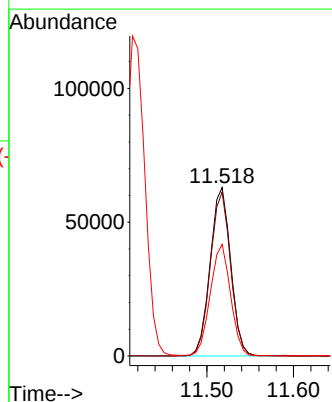
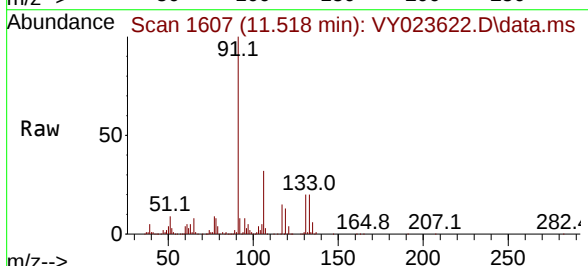
Tgt Ion:131 Resp: 103496

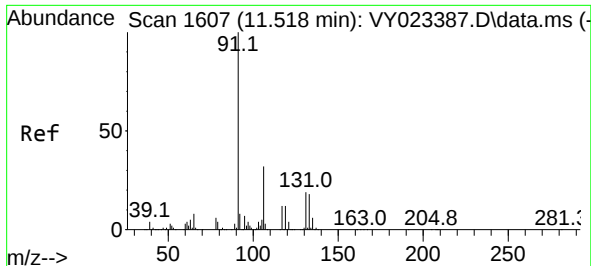
Ion Ratio Lower Upper

131 100

133 96.4 48.4 145.2

119 65.7 32.4 97.2





#67

Ethyl Benzene

Concen: 22.674 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023622.D

Acq: 30 Oct 2025 10:36

Instrument :

MSVOA_Y

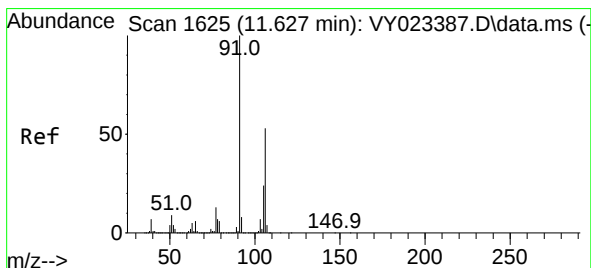
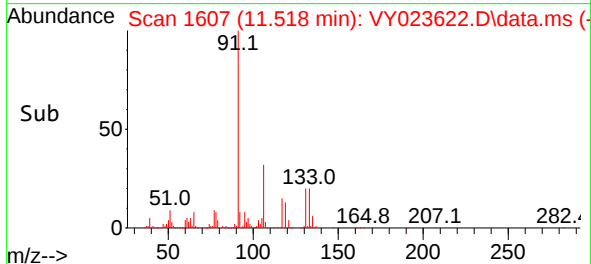
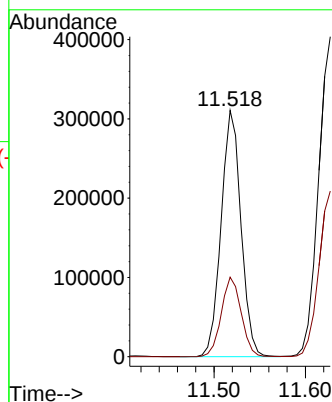
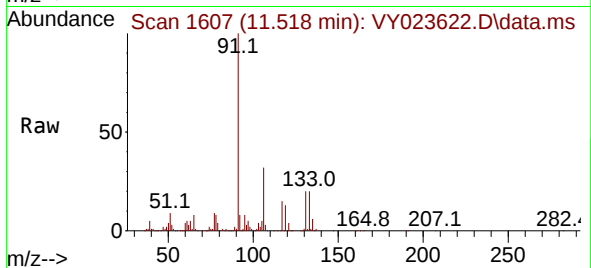
ClientSampleId :

Tgt Ion: 91 Resp: 469846

Ion Ratio Lower Upper

91 100

106 32.3 25.8 38.8



#68

m/p-Xylenes

Concen: 45.957 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY023622.D

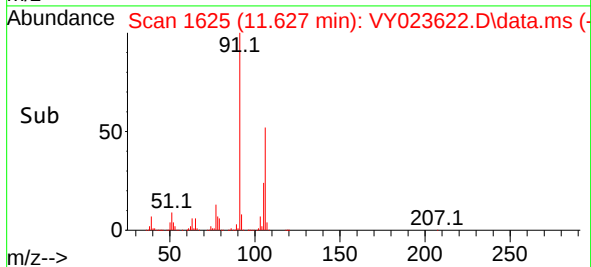
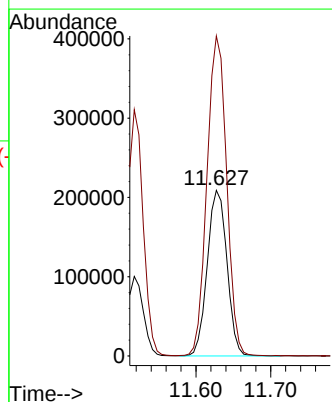
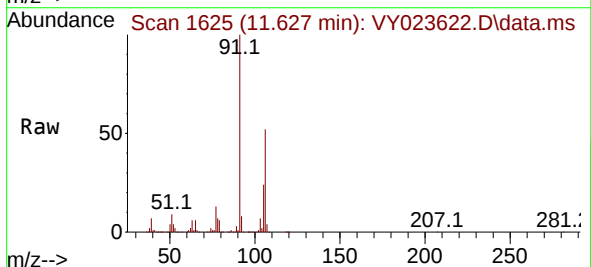
Acq: 30 Oct 2025 10:36

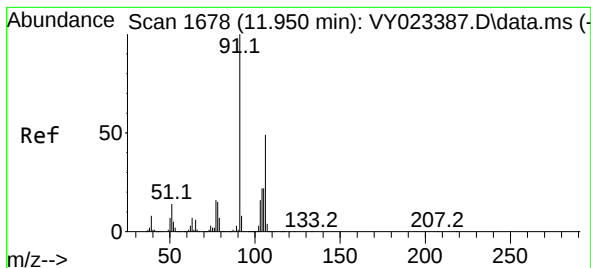
Tgt Ion:106 Resp: 381976

Ion Ratio Lower Upper

106 100

91 193.0 152.6 229.0





#69

o-Xylene

Concen: 22.267 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023622.D

Acq: 30 Oct 2025 10:36

Instrument :

MSVOA_Y

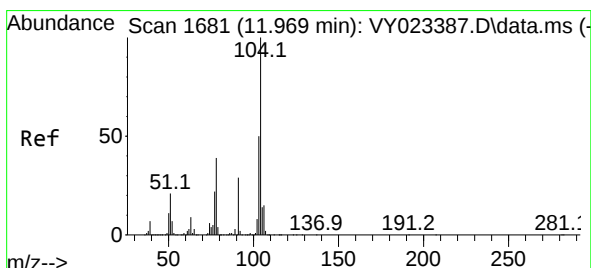
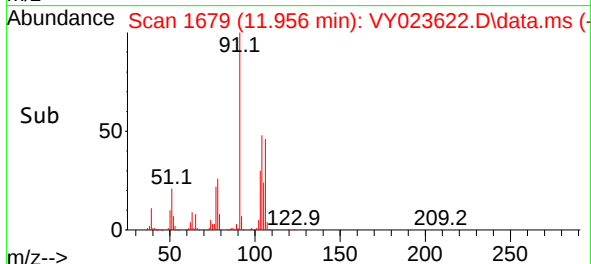
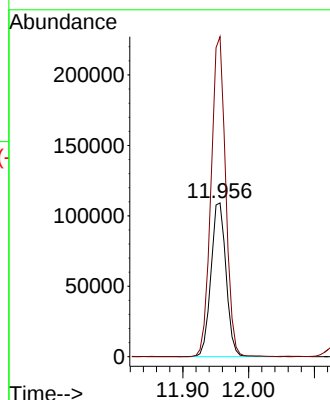
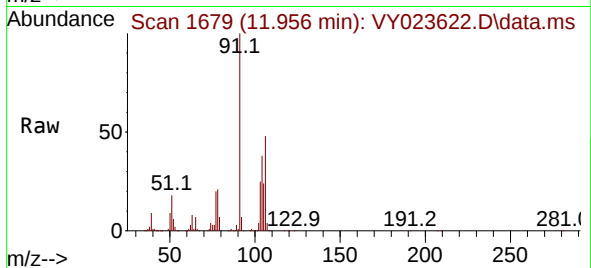
ClientSampleId :

Tgt Ion:106 Resp: 173592

Ion Ratio Lower Upper

106 100

91 202.0 101.4 304.1



#70

Styrene

Concen: 22.641 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY023622.D

Acq: 30 Oct 2025 10:36

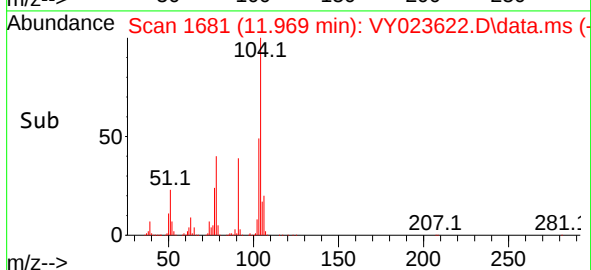
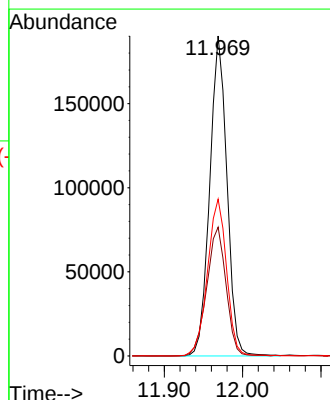
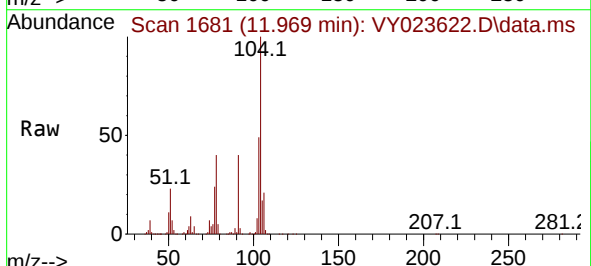
Tgt Ion:104 Resp: 290263

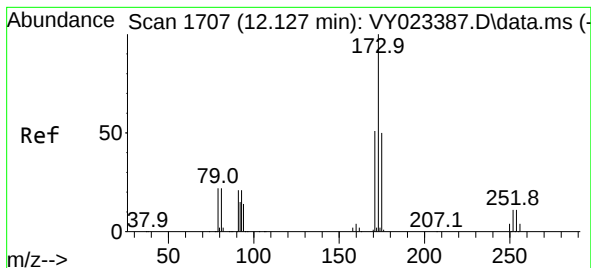
Ion Ratio Lower Upper

104 100

78 45.3 36.1 54.1

103 54.4 43.2 64.8





#71

Bromoform

Concen: 21.189 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023622.D

Acq: 30 Oct 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :

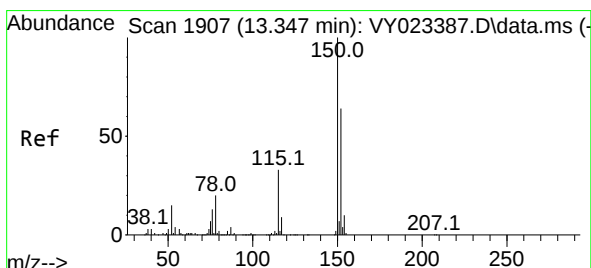
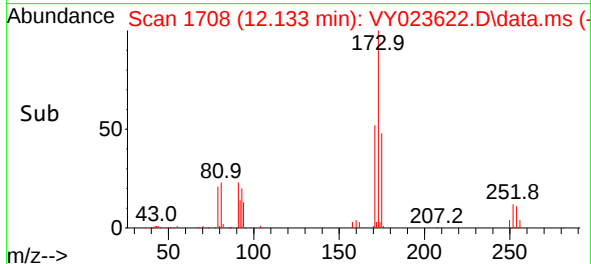
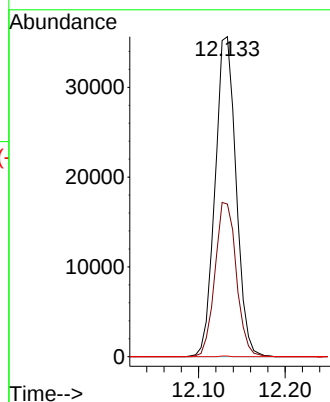
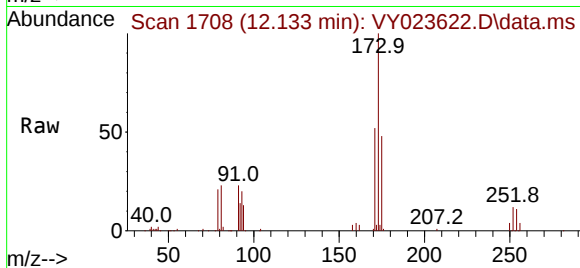
Tgt Ion:173 Resp: 59960

Ion Ratio Lower Upper

173 100

175 49.1 24.8 74.3

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023622.D

Acq: 30 Oct 2025 10:36

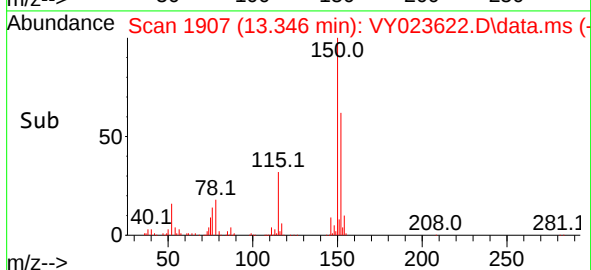
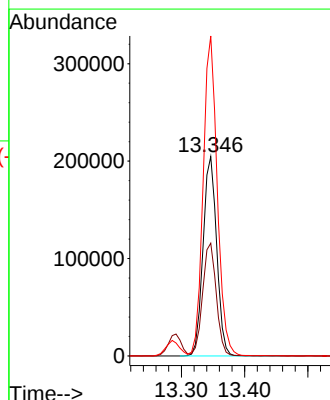
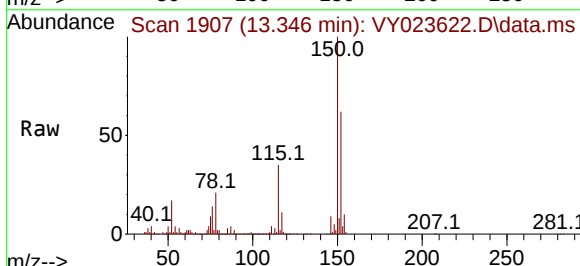
Tgt Ion:152 Resp: 307493

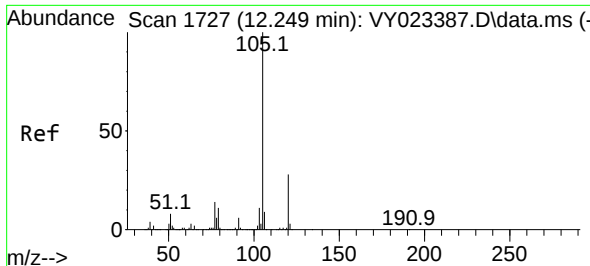
Ion Ratio Lower Upper

152 100

115 56.7 27.1 81.2

150 165.4 0.0 347.4

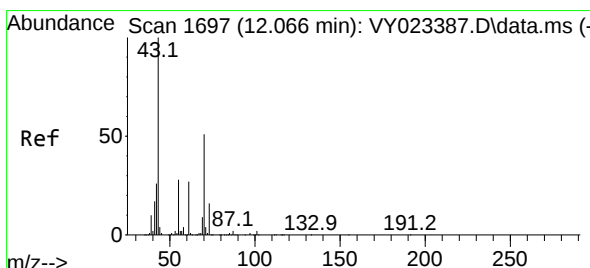
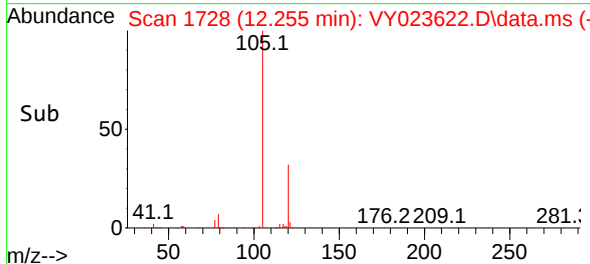
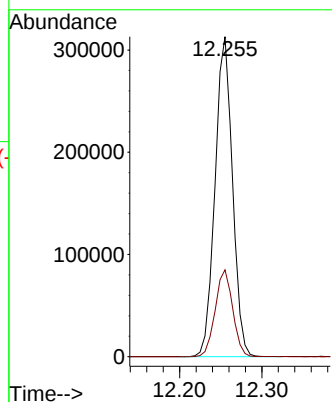
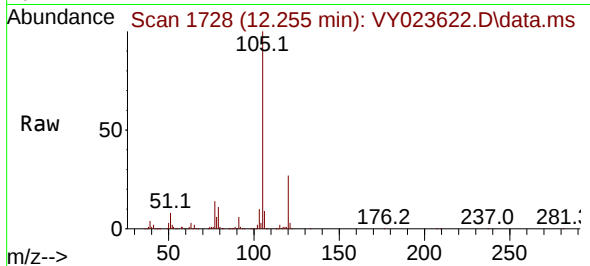




#73
Isopropylbenzene
Concen: 22.752 ug/l
RT: 12.255 min Scan# 1727
Delta R.T. 0.006 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

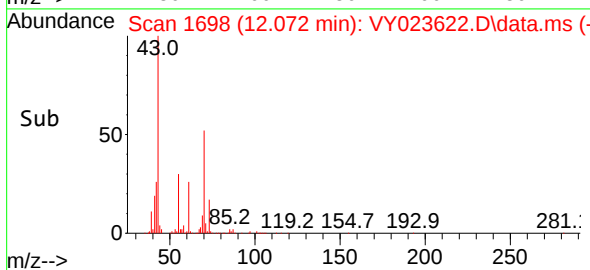
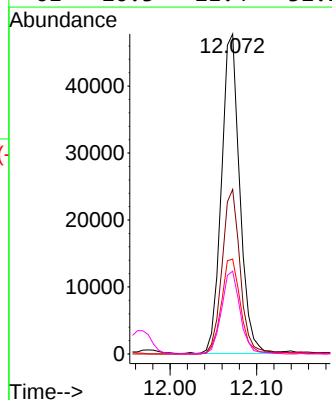
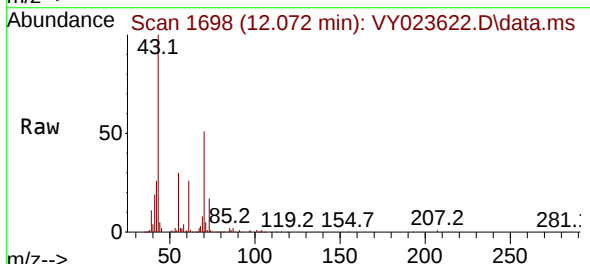
Instrument :
MSVOA_Y
ClientSampleId :

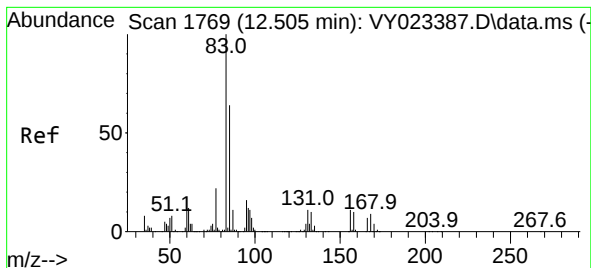
Tgt Ion:105 Resp: 461059
Ion Ratio Lower Upper
105 100
120 27.2 13.9 41.7



#74
N-ethyl acetate
Concen: 19.260 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

Tgt Ion: 43 Resp: 70102
Ion Ratio Lower Upper
43 100
70 50.9 41.1 61.7
55 30.9 23.0 34.6
61 26.3 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.197 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY023622.D

Acq: 30 Oct 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :

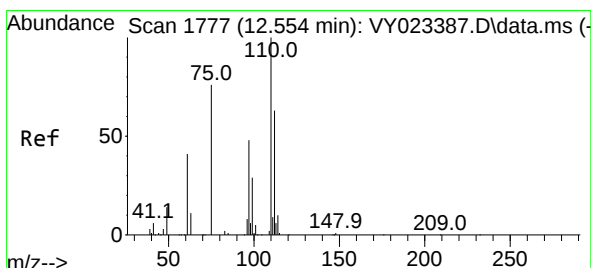
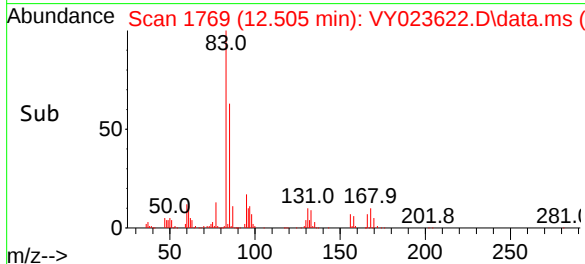
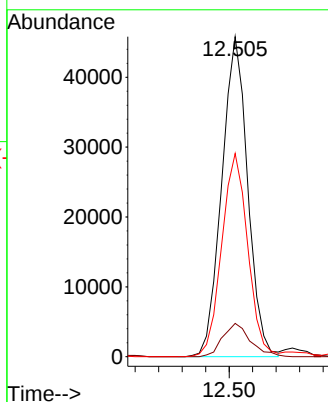
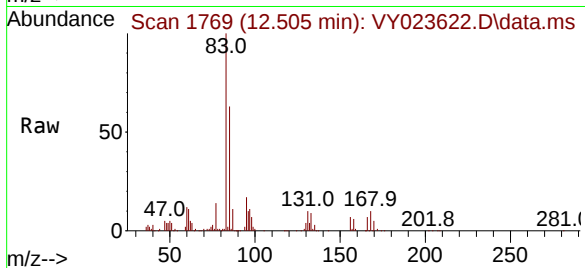
Tgt Ion: 83 Resp: 70253

Ion Ratio Lower Upper

83 100

131 11.1 5.9 17.6

85 63.7 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 34.884 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY023622.D

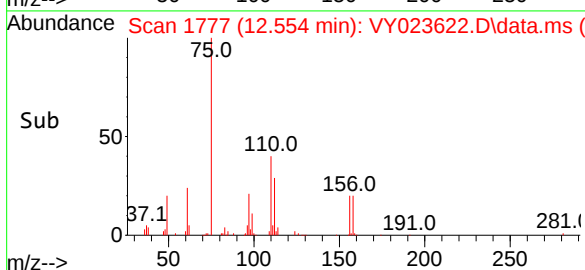
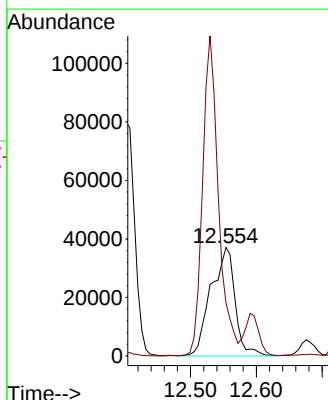
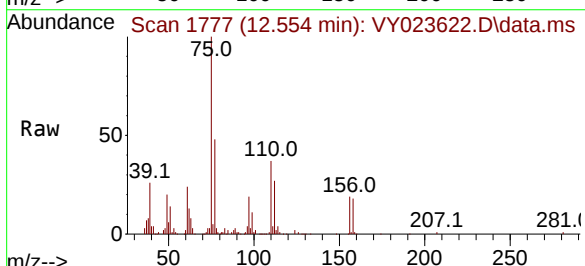
Acq: 30 Oct 2025 10:36

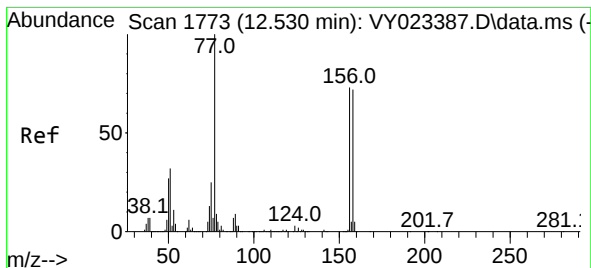
Tgt Ion: 75 Resp: 94636

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.006 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023622.D

Acq: 30 Oct 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :

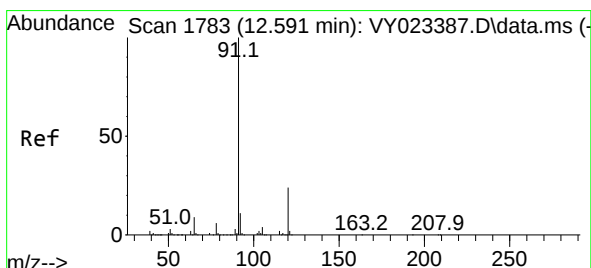
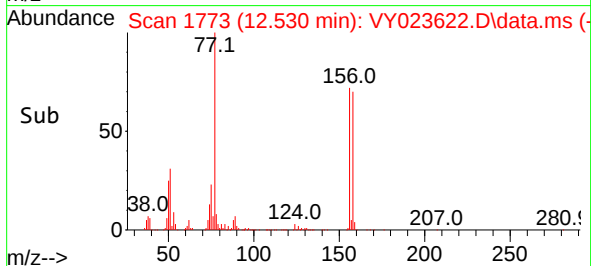
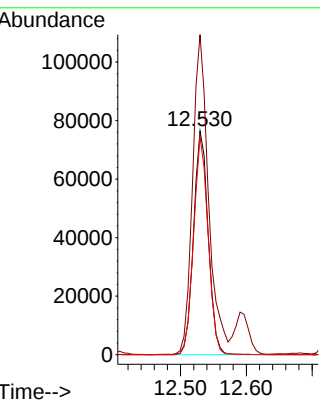
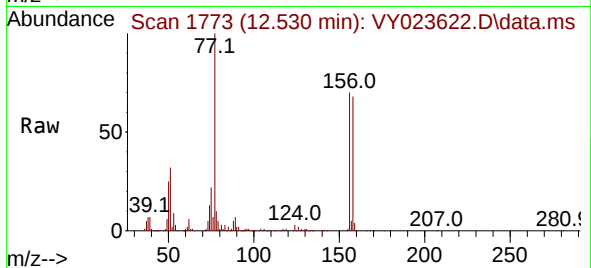
Tgt Ion:156 Resp: 118552

Ion Ratio Lower Upper

156 100

77 155.9 76.8 230.5

158 96.0 49.0 147.2



#78

n-propylbenzene

Concen: 23.447 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023622.D

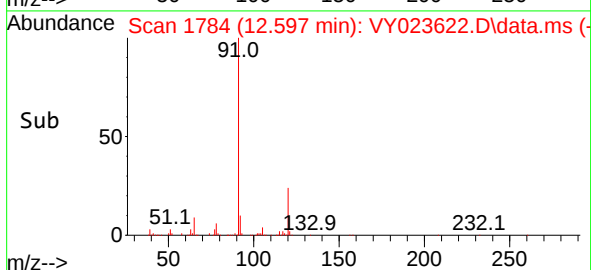
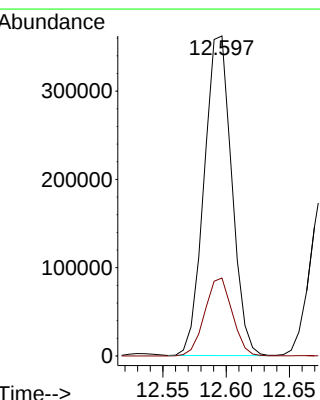
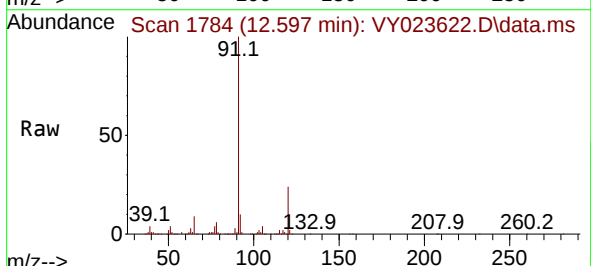
Acq: 30 Oct 2025 10:36

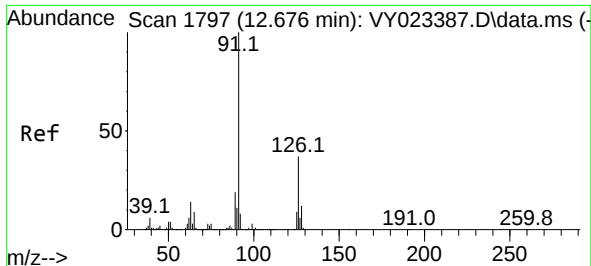
Tgt Ion: 91 Resp: 549817

Ion Ratio Lower Upper

91 100

120 24.2 12.3 36.8

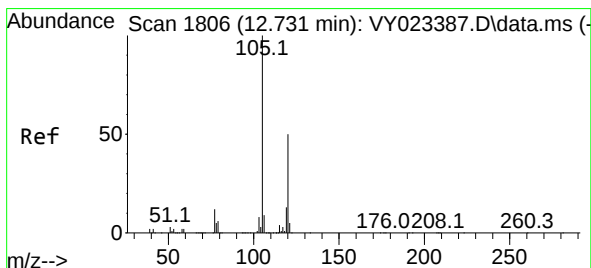
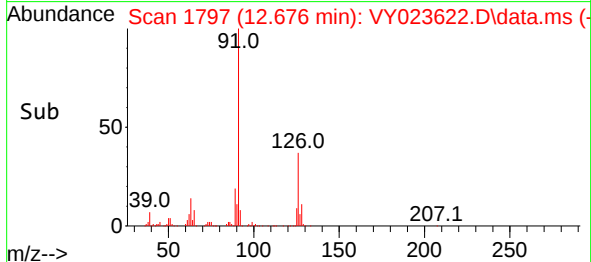
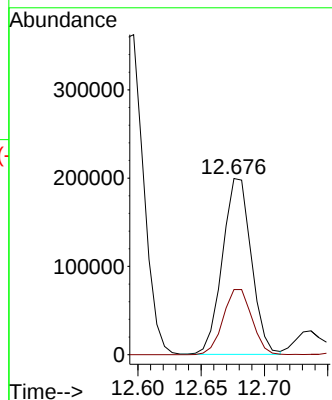
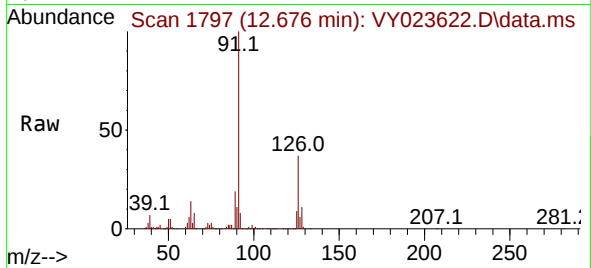




#79
2-Chlorotoluene
Concen: 23.078 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

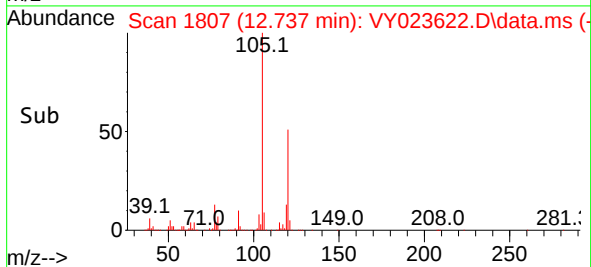
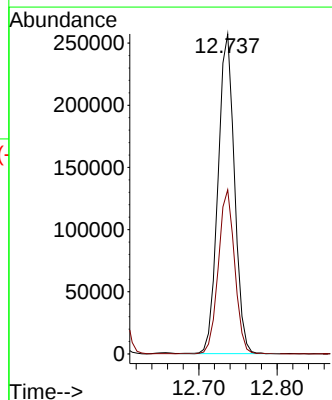
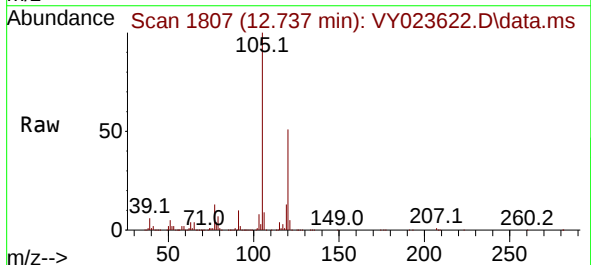
Instrument :
MSVOA_Y
ClientSampleId :

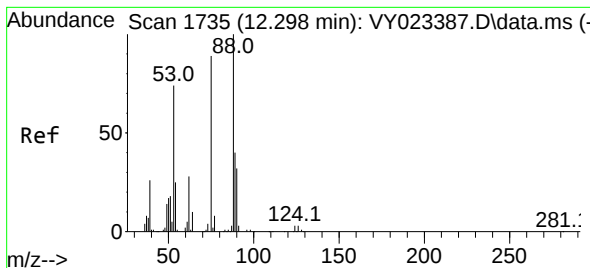
Tgt Ion: 91 Resp: 316917
Ion Ratio Lower Upper
91 100
126 36.9 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 22.946 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

Tgt Ion: 105 Resp: 375738
Ion Ratio Lower Upper
105 100
120 51.1 25.4 76.4

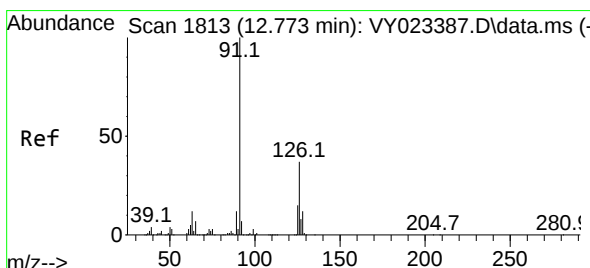
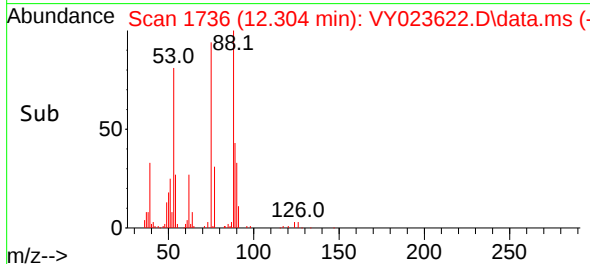
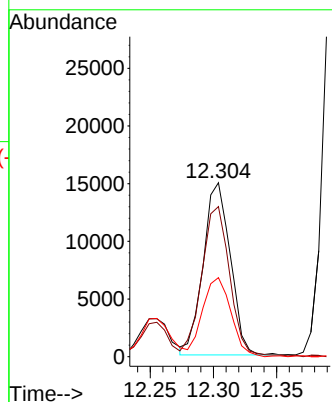
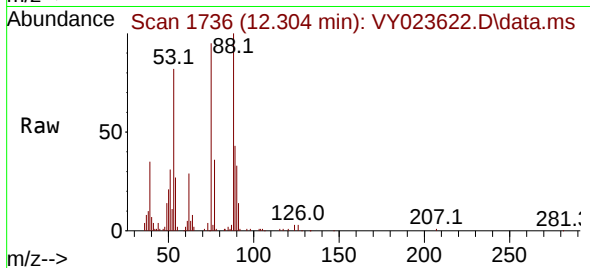




#81
trans-1,4-Dichloro-2-butene
Concen: 20.147 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

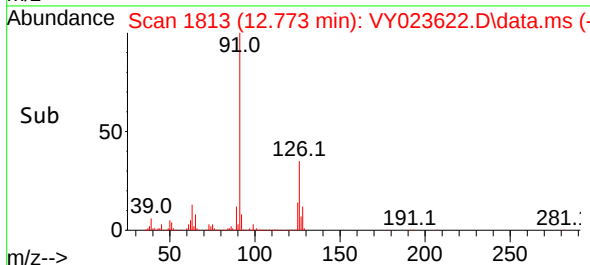
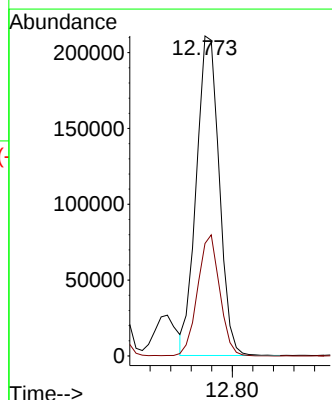
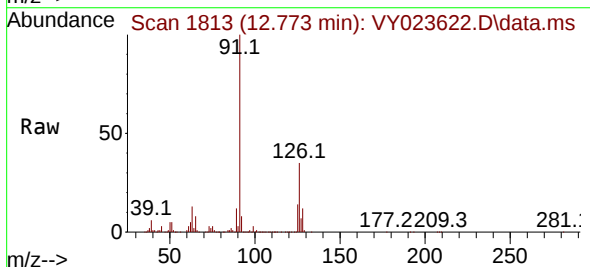
Instrument :
MSVOA_Y
ClientSampleId :

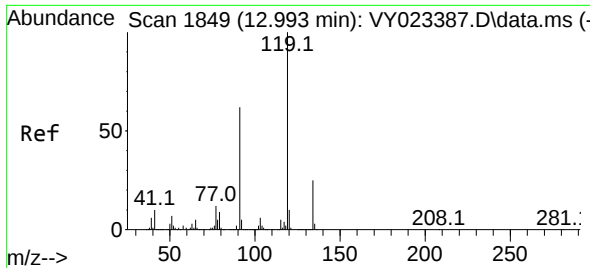
Tgt Ion: 75 Resp: 22289
Ion Ratio Lower Upper
75 100
53 90.7 68.6 102.8
89 47.0 39.0 58.4



#82
4-Chlorotoluene
Concen: 23.063 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

Tgt Ion: 91 Resp: 326170
Ion Ratio Lower Upper
91 100
126 36.7 18.4 55.4

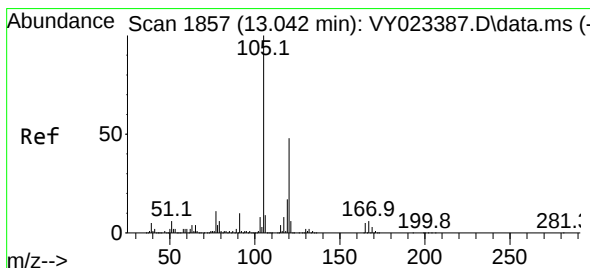
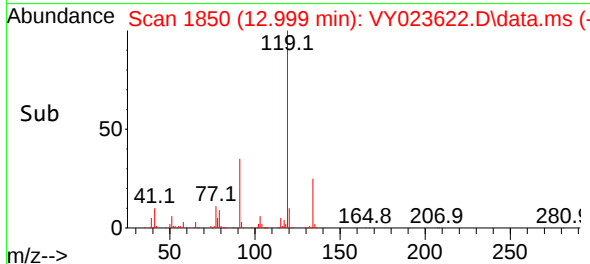
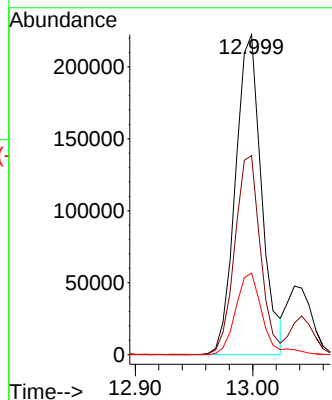
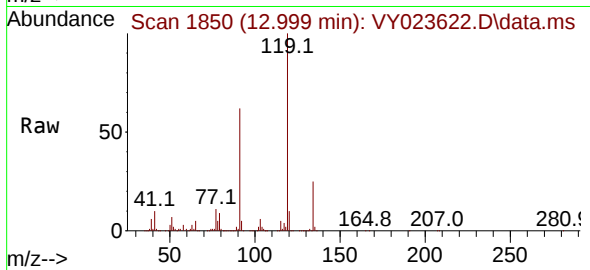




#83
tert-Butylbenzene
Concen: 22.703 ug/l
RT: 12.999 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

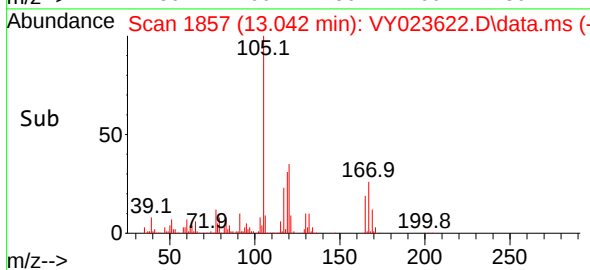
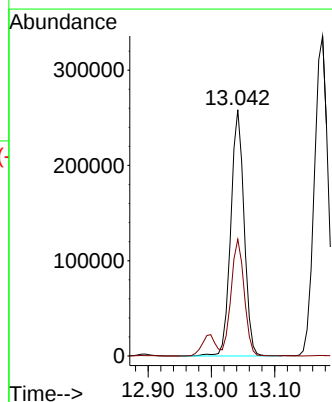
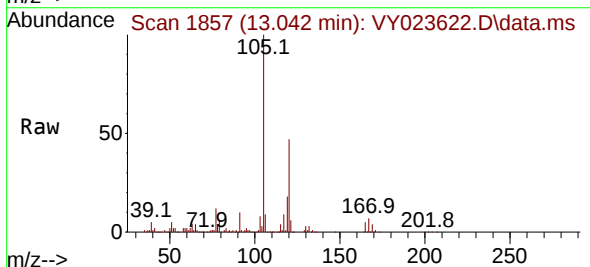
Instrument :
MSVOA_Y
ClientSampleId :

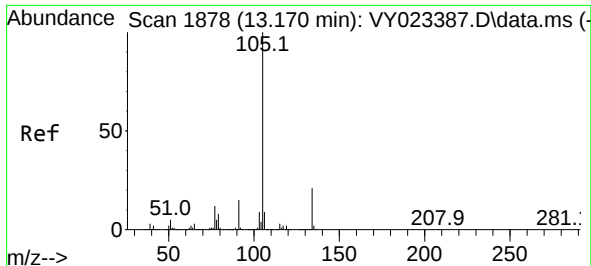
Tgt Ion:119 Resp: 343249
Ion Ratio Lower Upper
119 100
91 61.1 29.9 89.8
134 26.2 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 23.083 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

Tgt Ion:105 Resp: 377228
Ion Ratio Lower Upper
105 100
120 46.3 23.8 71.2

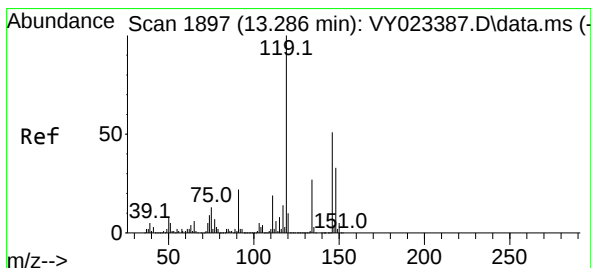
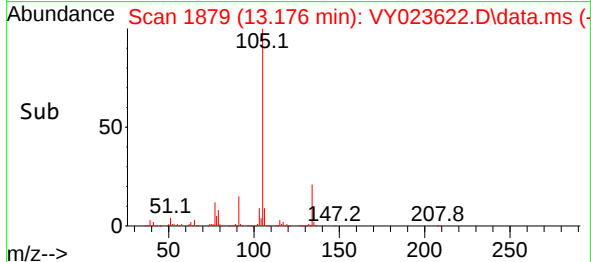
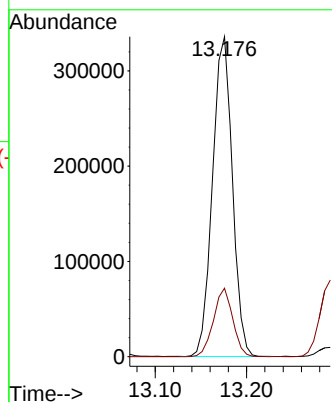
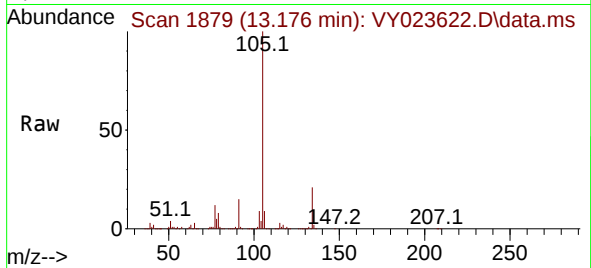




#85
sec-Butylbenzene
Concen: 23.357 ug/l
RT: 13.176 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

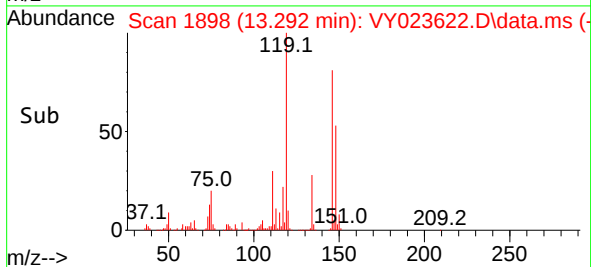
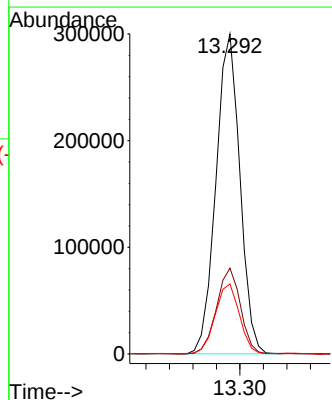
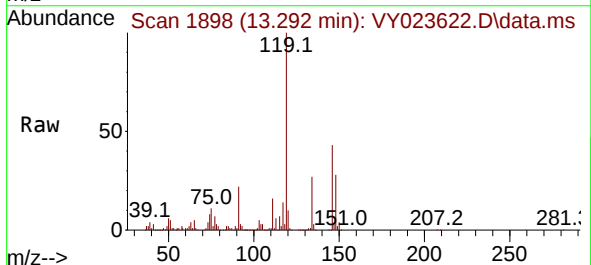
Instrument :
MSVOA_Y
ClientSampleId :

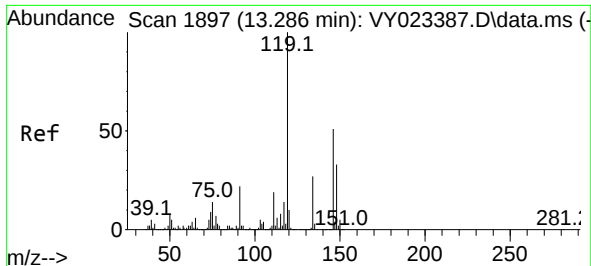
Tgt Ion:105 Resp: 506562
Ion Ratio Lower Upper
105 100
134 20.8 10.7 32.1



#86
p-Isopropyltoluene
Concen: 22.991 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY023622.D
Acq: 30 Oct 2025 10:36

Tgt Ion:119 Resp: 424544
Ion Ratio Lower Upper
119 100
134 26.8 13.6 40.7
91 22.1 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 22.374 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023622.D

Acq: 30 Oct 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :

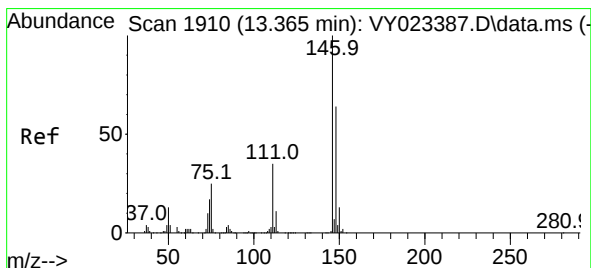
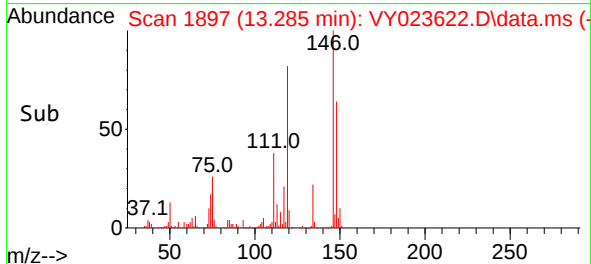
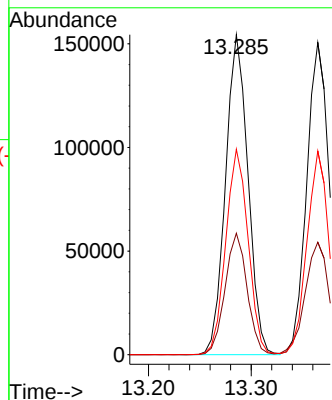
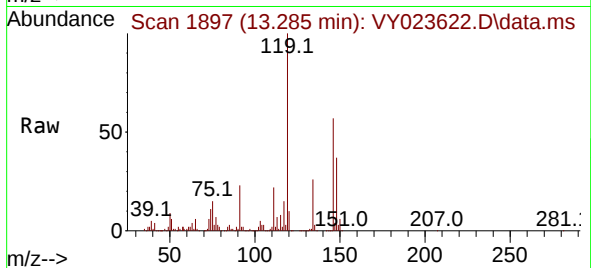
Tgt Ion:146 Resp: 234716

Ion Ratio Lower Upper

146 100

111 37.3 18.7 56.1

148 63.9 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 22.336 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY023622.D

Acq: 30 Oct 2025 10:36

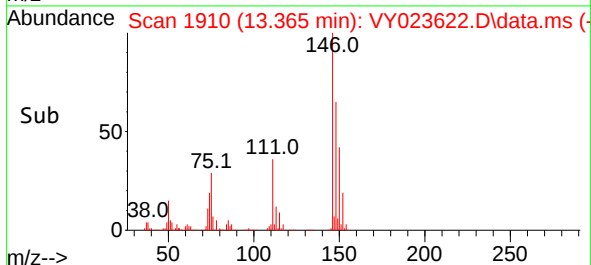
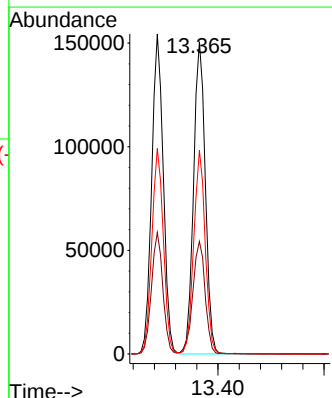
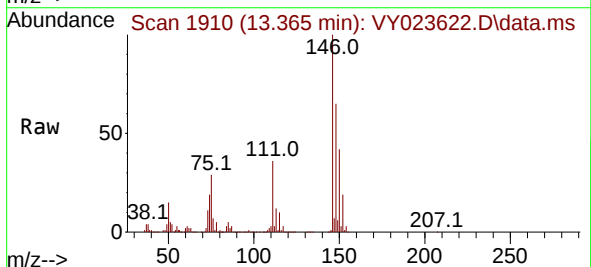
Tgt Ion:146 Resp: 231425

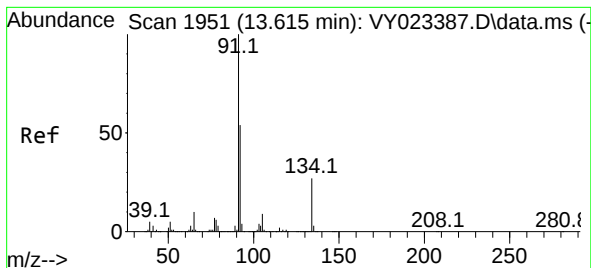
Ion Ratio Lower Upper

146 100

111 37.7 18.0 54.0

148 63.9 31.9 95.7





#89

n-Butylbenzene

Concen: 22.764 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY023622.D

Acq: 30 Oct 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :

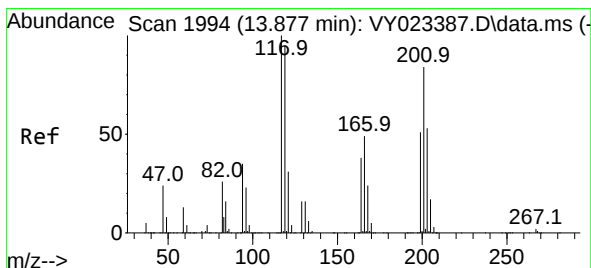
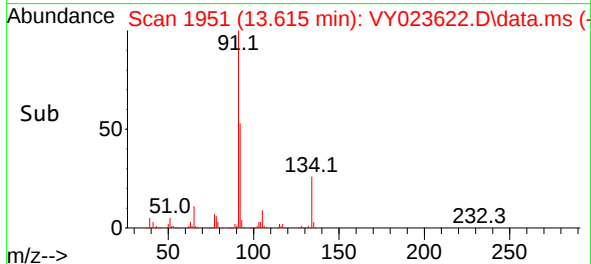
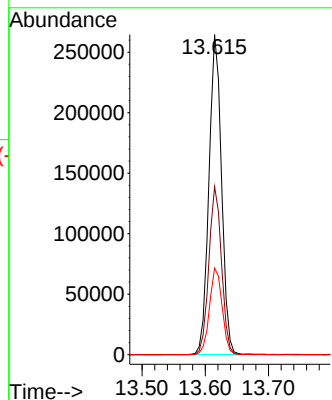
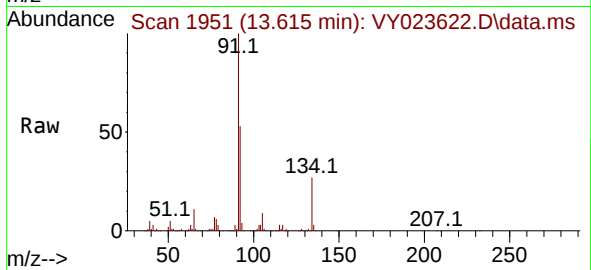
Tgt Ion: 91 Resp: 366275

Ion Ratio Lower Upper

91 100

92 52.8 27.0 80.8

134 27.3 14.1 42.2



#90

Hexachloroethane

Concen: 23.127 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY023622.D

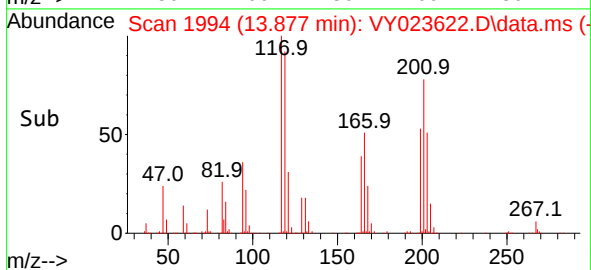
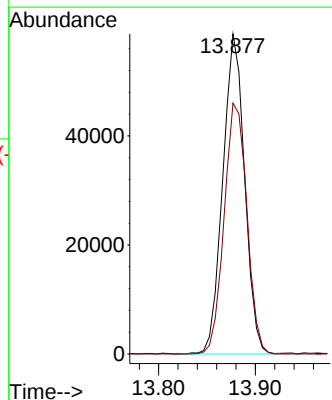
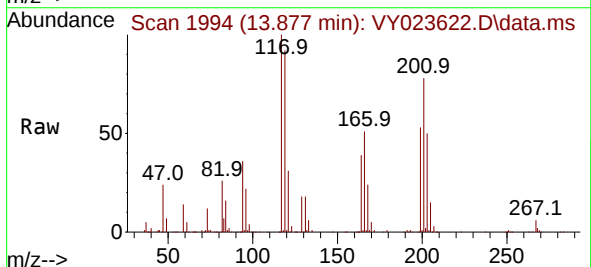
Acq: 30 Oct 2025 10:36

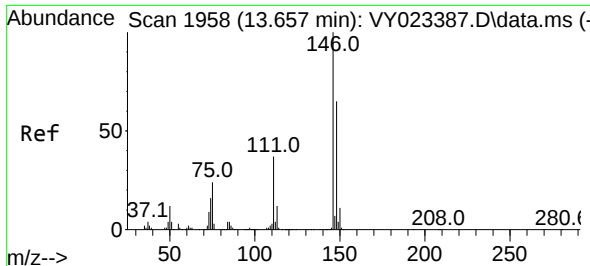
Tgt Ion: 117 Resp: 91854

Ion Ratio Lower Upper

117 100

201 81.8 43.8 131.4

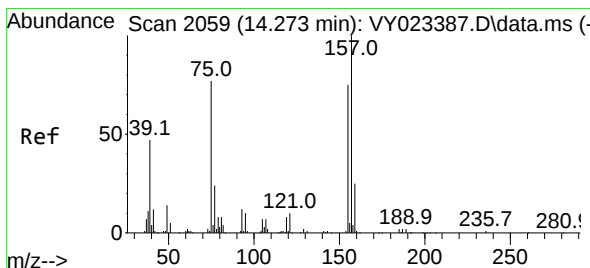
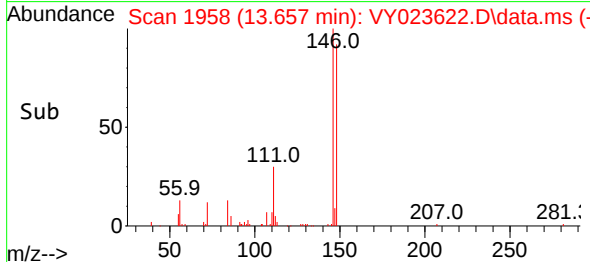
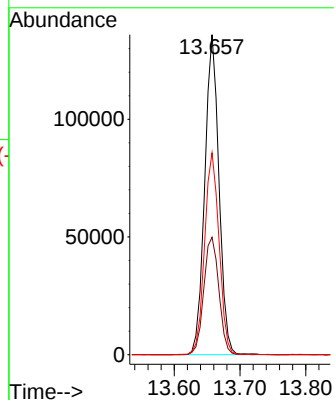
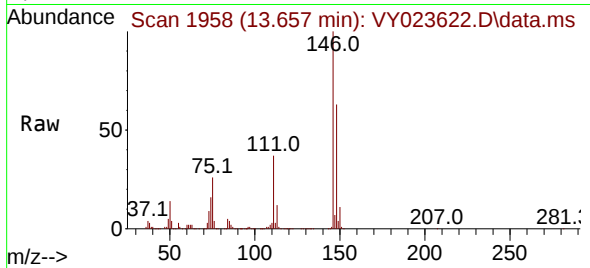




#91
 1,2-Dichlorobenzene
 Concen: 22.190 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY023622.D
 Acq: 30 Oct 2025 10:36

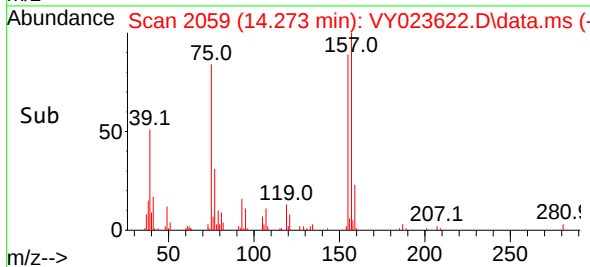
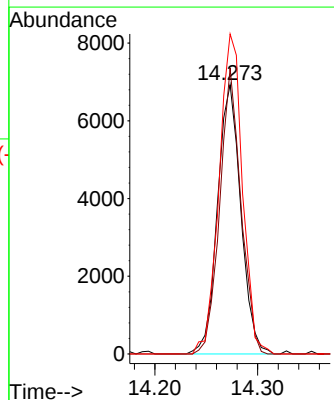
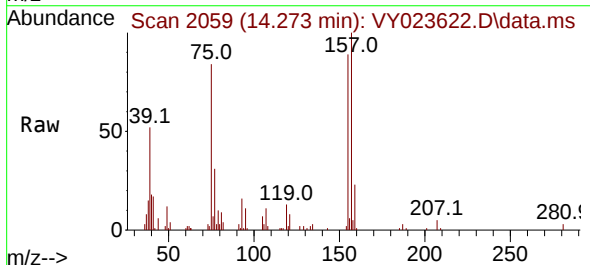
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:146 Resp: 204092
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.0 57.0
 148 64.3 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.032 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY023622.D
 Acq: 30 Oct 2025 10:36

Tgt Ion: 75 Resp: 10894
 Ion Ratio Lower Upper
 75 100
 155 96.3 50.0 150.0
 157 119.6 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 20.566 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023622.D

Acq: 30 Oct 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :

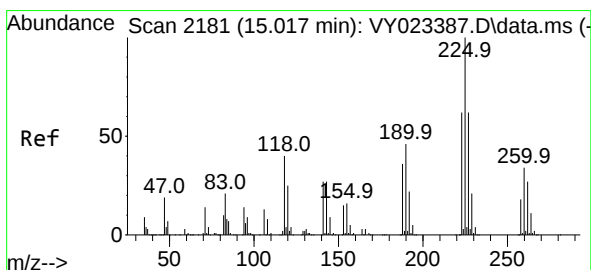
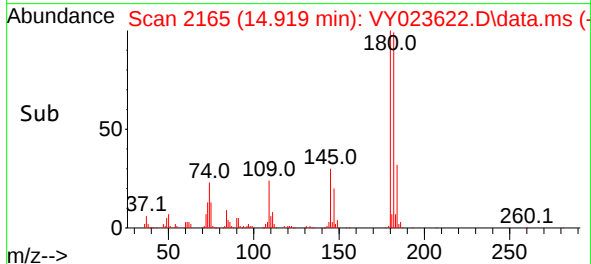
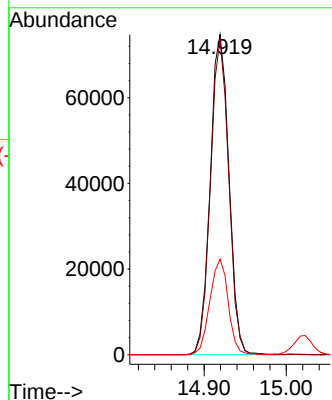
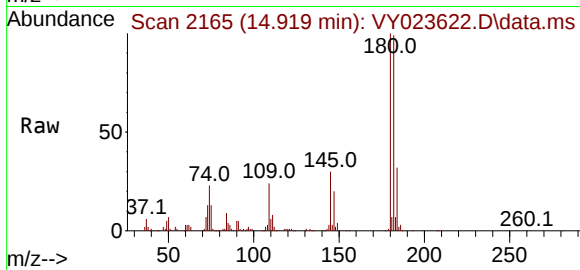
Tgt Ion:180 Resp: 117924

Ion Ratio Lower Upper

180 100

182 96.1 47.9 143.6

145 29.2 14.7 44.1



#94

Hexachlorobutadiene

Concen: 22.704 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023622.D

Acq: 30 Oct 2025 10:36

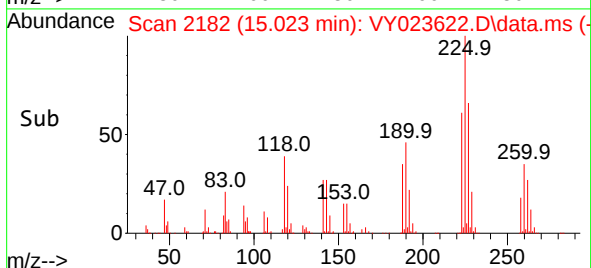
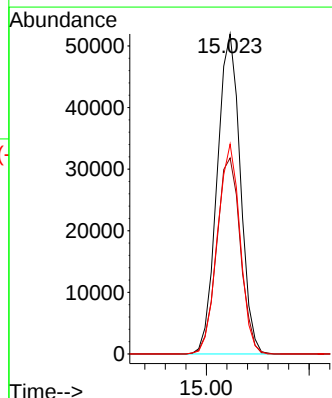
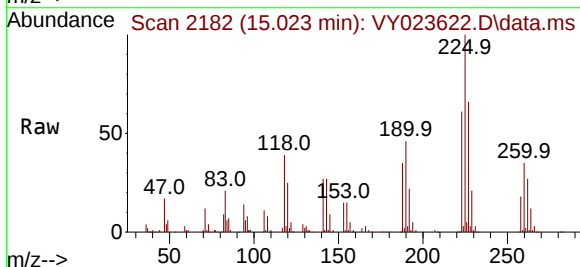
Tgt Ion:225 Resp: 81151

Ion Ratio Lower Upper

225 100

223 62.8 30.8 92.3

227 63.9 31.9 95.7





#95

Naphthalene

Concen: 18.197 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023622.D

Acq: 30 Oct 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :

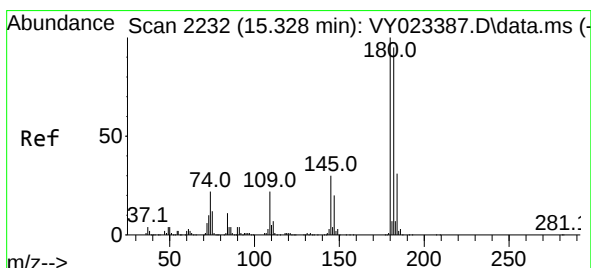
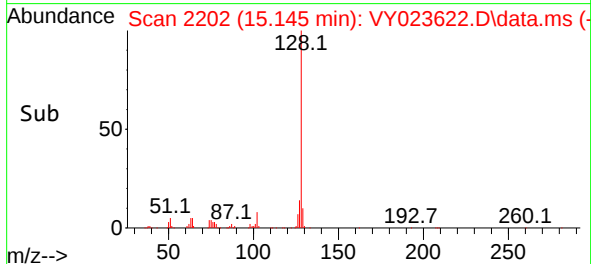
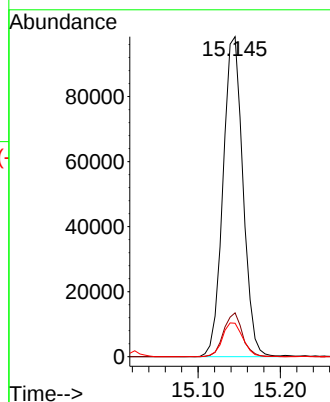
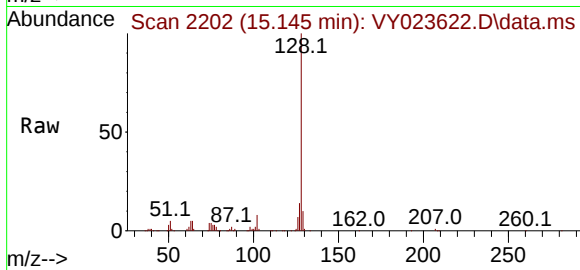
Tgt Ion:128 Resp: 166148

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 19.841 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023622.D

Acq: 30 Oct 2025 10:36

Tgt Ion:180 Resp: 98543

Ion Ratio Lower Upper

180 100

182 97.2 47.9 143.8

145 31.5 15.3 45.9

