

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103125\
 Data File : VY023638.D
 Acq On : 31 Oct 2025 09:52
 Operator : SY/MD
 Sample : VY1031SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1031SBS01

Quant Time: Nov 01 03:20:33 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	467893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	690374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	612649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	323331	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	184560	47.171	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.340%
35) Dibromofluoromethane	7.640	113	200163	47.186	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.380%
50) Toluene-d8	10.109	98	739843	46.832	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.660%
62) 4-Bromofluorobenzene	12.407	95	244490	46.877	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.760%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.866	85	66190	19.654	ug/l	97
3) Chloromethane	2.074	50	85843	18.711	ug/l	100
4) Vinyl Chloride	2.208	62	113732	19.032	ug/l	99
5) Bromomethane	2.598	94	100071	19.955	ug/l	97
6) Chloroethane	2.738	64	82921	20.357	ug/l	99
7) Trichlorofluoromethane	3.061	101	164794	19.862	ug/l	99
8) Diethyl Ether	3.464	74	44837	20.681	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.817	101	94180	21.874	ug/l	99
10) Methyl Iodide	4.006	142	97945	20.434	ug/l	98
11) Tert butyl alcohol	4.866	59	27871	95.752	ug/l #	87
12) 1,1-Dichloroethene	3.793	96	86882	20.816	ug/l	92
13) Acrolein	3.653	56	17208	41.839	ug/l	100
14) Allyl chloride	4.390	41	107987	21.230	ug/l	99
15) Acrylonitrile	5.061	53	87108	104.986	ug/l	99
16) Acetone	3.866	43	137879	148.024	ug/l	99
17) Carbon Disulfide	4.110	76	233183	19.520	ug/l	99
18) Methyl Acetate	4.390	43	44187	18.084	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	207790	20.714	ug/l	96
20) Methylene Chloride	4.616	84	102049	20.261	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	96761	21.057	ug/l	96
22) Diisopropyl ether	6.024	45	251774	22.377	ug/l	96
23) Vinyl Acetate	5.963	43	662123	108.721	ug/l	99
24) 1,1-Dichloroethane	5.921	63	167100	22.421	ug/l	97
25) 2-Butanone	6.896	43	139091	122.313	ug/l	97
26) 2,2-Dichloropropane	6.890	77	152325	22.274	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	113586	21.399	ug/l	98
28) Bromochloromethane	7.250	49	62367	22.416	ug/l	95
29) Tetrahydrofuran	7.268	42	64278	99.678	ug/l	98
30) Chloroform	7.426	83	185093	22.604	ug/l	100
31) Cyclohexane	7.707	56	131933	20.270	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	164939	22.165	ug/l	99
36) 1,1-Dichloropropene	7.841	75	123635	22.015	ug/l	98
37) Ethyl Acetate	6.987	43	47702	21.440	ug/l	96
38) Carbon Tetrachloride	7.823	117	147683	21.687	ug/l	100
39) Methylcyclohexane	9.109	83	146600	20.049	ug/l	98
40) Benzene	8.085	78	395616	22.244	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	24048	19.985	ug/l	98
42) 1,2-Dichloroethane	8.158	62	100791	21.974	ug/l	100
43) Isopropyl Acetate	8.201	43	89236	20.114	ug/l	98
44) Trichloroethene	8.865	130	112485	21.609	ug/l	98
45) 1,2-Dichloropropane	9.146	63	89144	22.692	ug/l	100
46) Dibromomethane	9.231	93	54863	22.086	ug/l	96
47) Bromodichloromethane	9.426	83	141757	22.659	ug/l	99
48) Methyl methacrylate	9.225	41	41606	19.962	ug/l	98
49) 1,4-Dioxane	9.225	88	10662	370.203	ug/l	92
51) 4-Methyl-2-Pentanone	9.999	43	242932	105.983	ug/l	98
52) Toluene	10.170	92	255988	22.168	ug/l	100
53) t-1,3-Dichloropropene	10.395	75	116639	21.442	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	137966	21.489	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	74623	22.340	ug/l	93
56) Ethyl methacrylate	10.444	69	76719	19.911	ug/l	99
57) 1,3-Dichloropropane	10.719	76	116105	21.935	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	169006	97.911	ug/l	98
59) 2-Hexanone	10.761	43	193432	118.083	ug/l	99
60) Dibromochloromethane	10.914	129	100967	21.559	ug/l	100
61) 1,2-Dibromoethane	11.017	107	69028	21.668	ug/l	98
64) Tetrachloroethene	10.651	164	137838	21.790	ug/l	99
65) Chlorobenzene	11.444	112	288514	21.652	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	104277	21.961	ug/l	98
67) Ethyl Benzene	11.517	91	460808	21.365	ug/l	100
68) m/p-Xylenes	11.627	106	372354	43.041	ug/l	97
69) o-Xylene	11.956	106	170265	20.983	ug/l	99
70) Styrene	11.968	104	282962	21.205	ug/l	99
71) Bromoform	12.133	173	60761	20.629	ug/l	99
73) Isopropylbenzene	12.255	105	450424	21.139	ug/l	98
74) N-amyl acetate	12.072	43	73162	19.116	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	71768	20.593	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	96145	33.704	ug/l #	100
77) Bromobenzene	12.529	156	118477	20.915	ug/l	98
78) n-propylbenzene	12.596	91	535939	21.735	ug/l	99
79) 2-Chlorotoluene	12.682	91	313032	21.679	ug/l	98
80) 1,3,5-Trimethylbenzene	12.736	105	370493	21.517	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	22664	19.482	ug/l	95
82) 4-Chlorotoluene	12.779	91	326325	21.944	ug/l	100
83) tert-Butylbenzene	12.999	119	331211	20.834	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	374862	21.815	ug/l	98
85) sec-Butylbenzene	13.175	105	492285	21.586	ug/l	98
86) p-Isopropyltoluene	13.291	119	415848	21.417	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	232670	21.092	ug/l	99
88) 1,4-Dichlorobenzene	13.364	146	226181	20.761	ug/l	99
89) n-Butylbenzene	13.620	91	355932	21.038	ug/l	99
90) Hexachloroethane	13.883	117	88584	21.211	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	200653	20.748	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	11211	19.605	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	116786	19.370	ug/l	98
94) Hexachlorobutadiene	15.023	225	76689	20.405	ug/l	99
95) Naphthalene	15.145	128	164105	17.093	ug/l	99
96) 1,2,3-Trichlorobenzene	15.327	180	98921	18.942	ug/l	99

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VY1031SBS01

Quant Time: Nov 01 03:20:33 2025
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Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

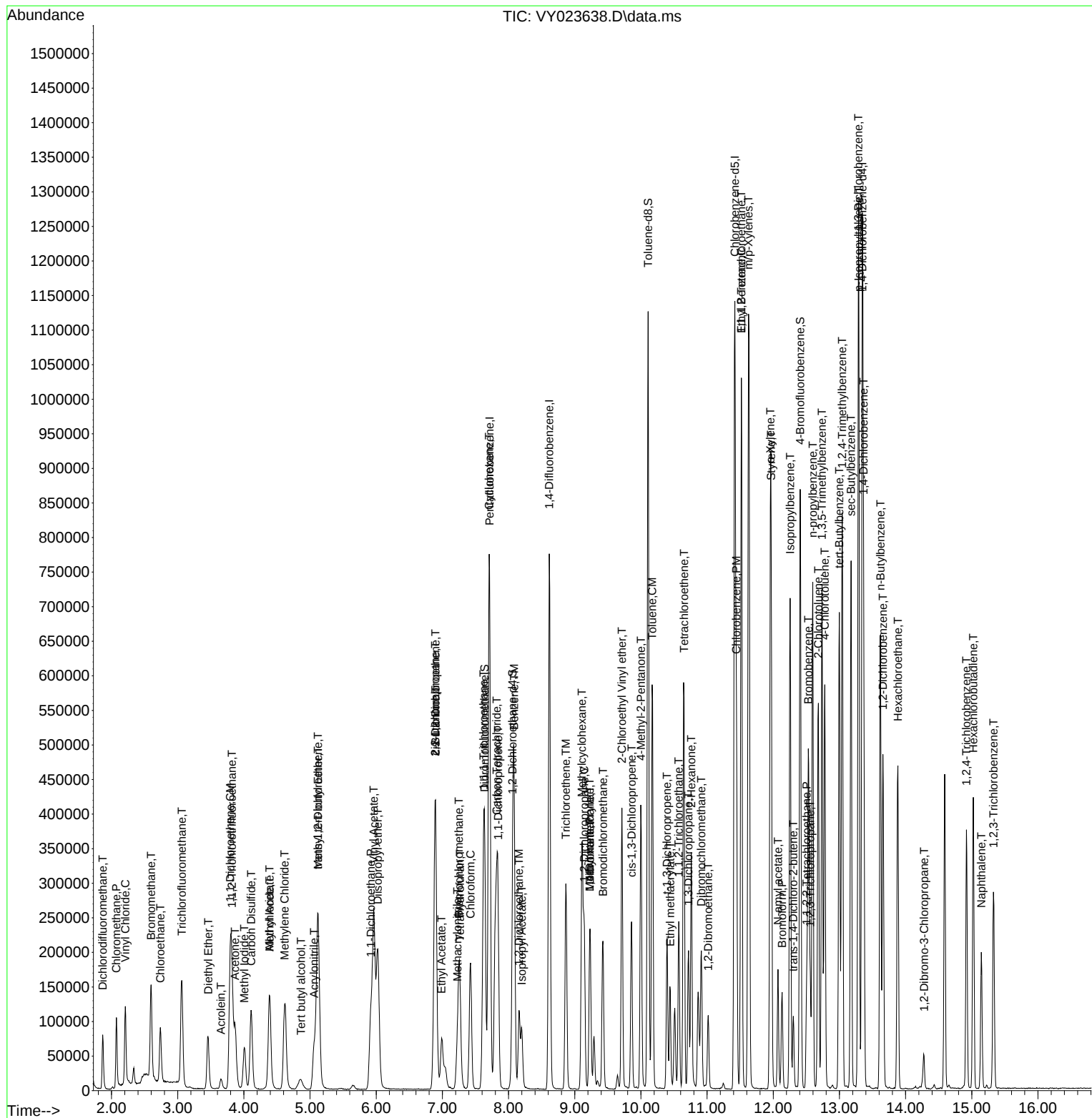
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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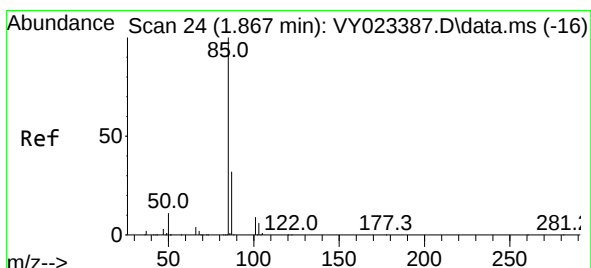
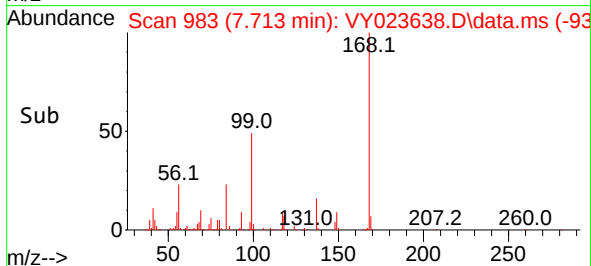
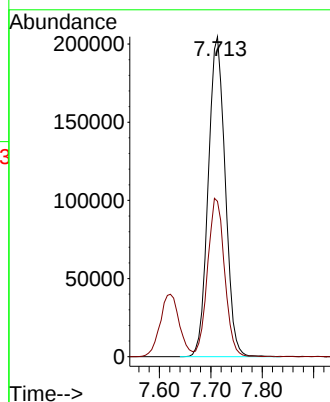
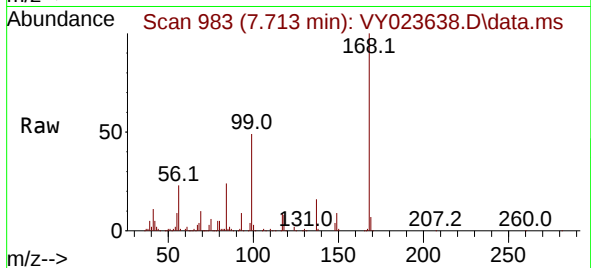




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023638.D
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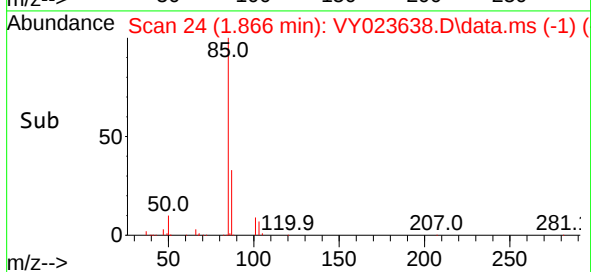
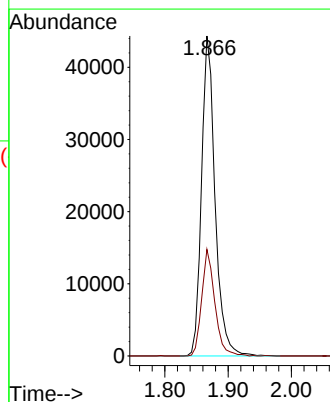
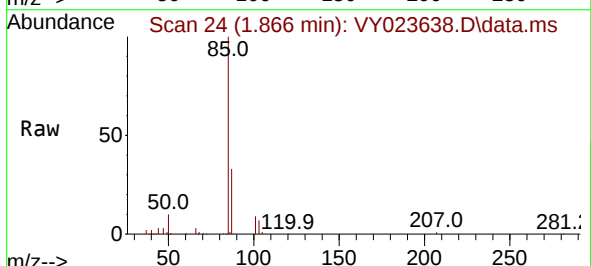
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

Tgt Ion:168 Resp: 467893
Ion Ratio Lower Upper
168 100
99 48.5 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 19.654 ug/l
RT: 1.866 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

Tgt Ion: 85 Resp: 66190
Ion Ratio Lower Upper
85 100
87 33.3 16.0 47.9

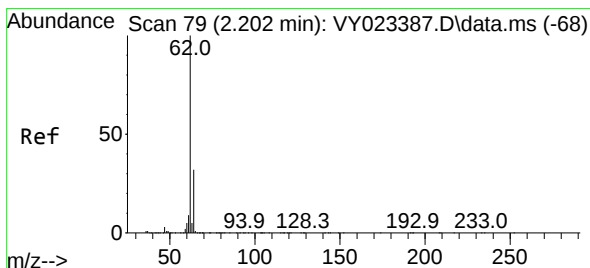
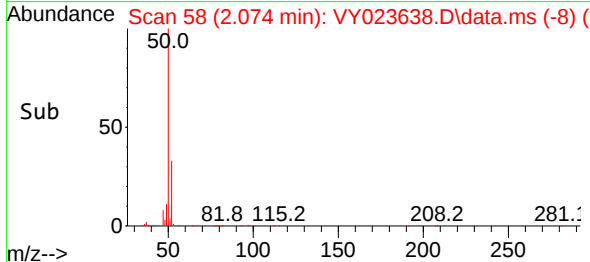
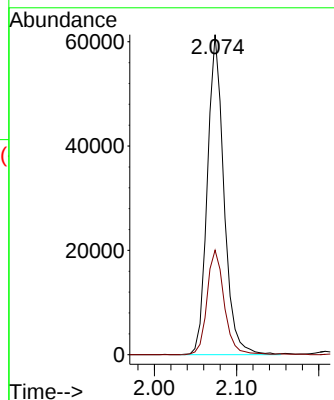
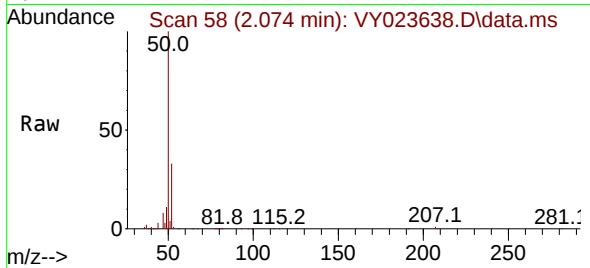




#3
Chloromethane
Concen: 18.711 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

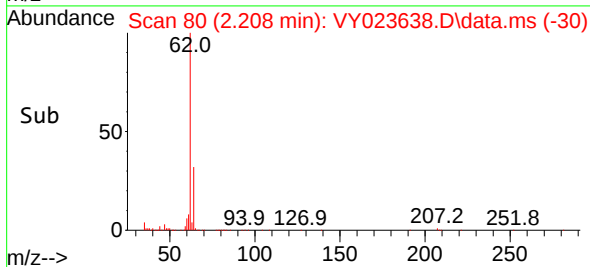
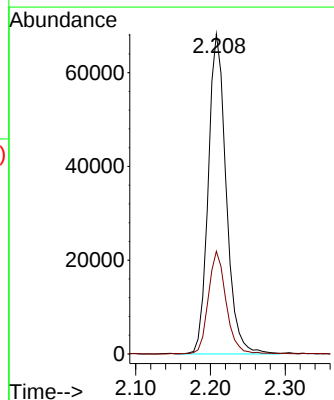
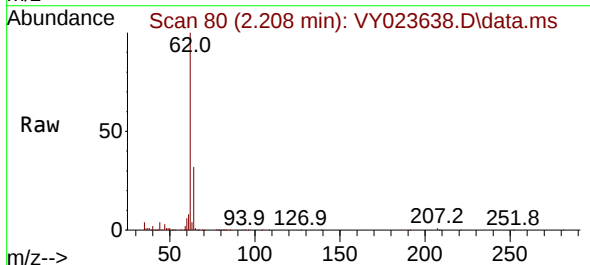
Instrument :
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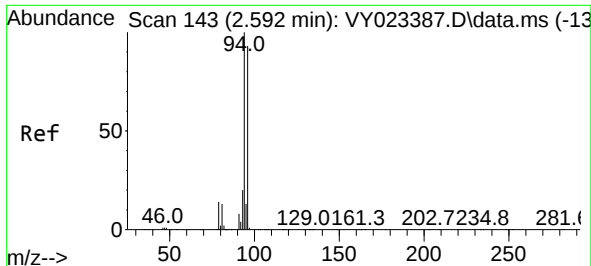
Tgt Ion: 50 Resp: 85843
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.2



#4
Vinyl Chloride
Concen: 19.032 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

Tgt Ion: 62 Resp: 113732
Ion Ratio Lower Upper
62 100
64 32.0 25.8 38.8

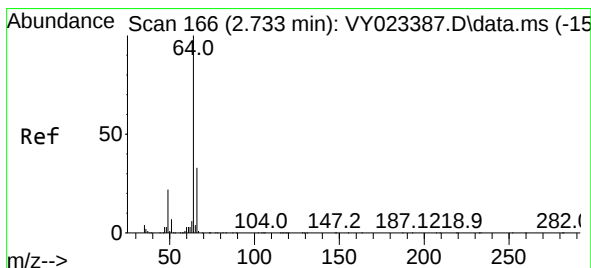
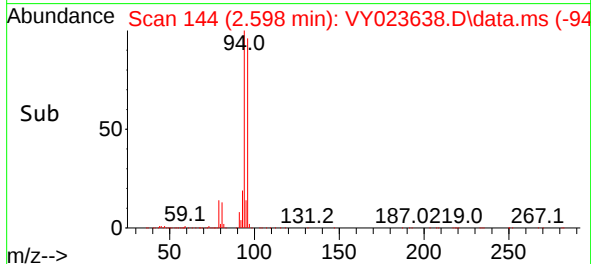
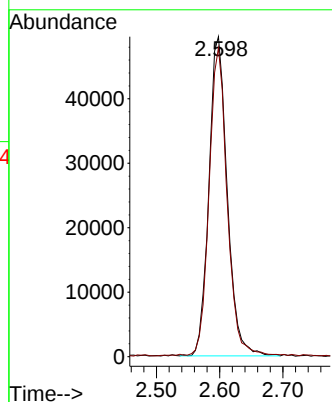
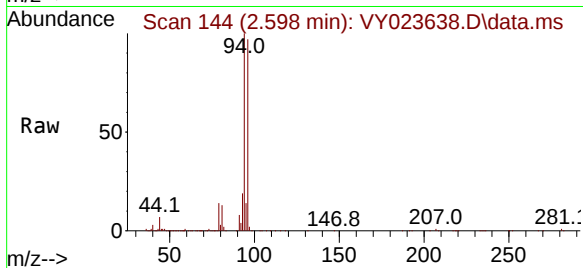




#5
Bromomethane
Concen: 19.955 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

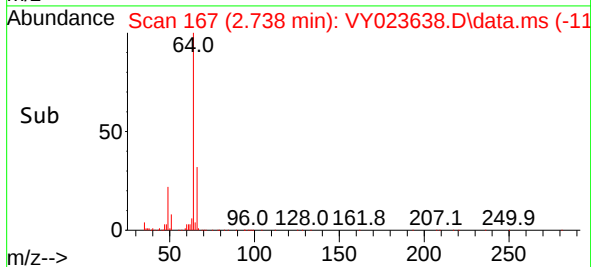
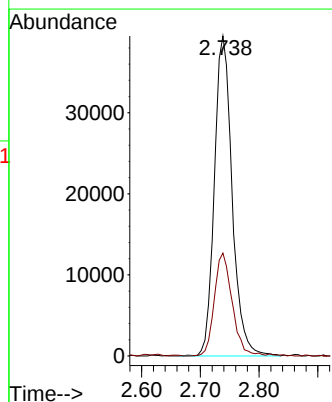
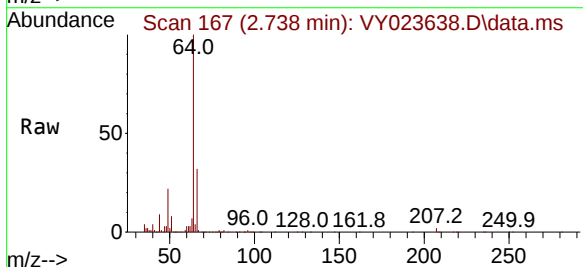
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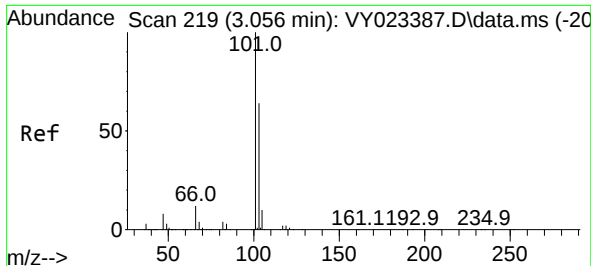
Tgt Ion: 94 Resp: 100071
Ion Ratio Lower Upper
94 100
96 96.1 74.5 111.7



#6
Chloroethane
Concen: 20.357 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

Tgt Ion: 64 Resp: 82921
Ion Ratio Lower Upper
64 100
66 32.0 26.2 39.4

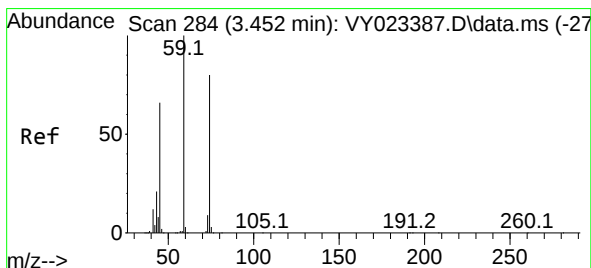
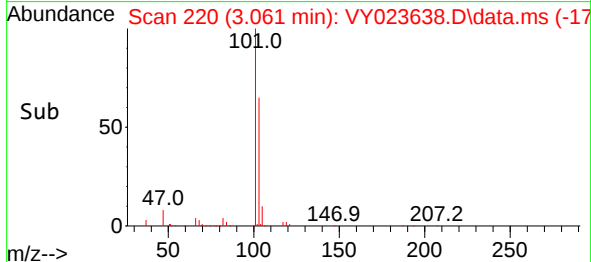
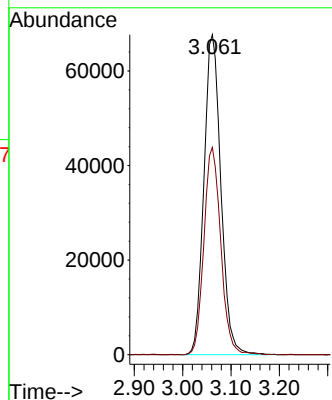
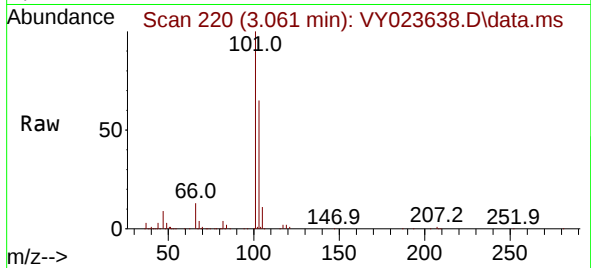




#7
 Trichlorofluoromethane
 Concen: 19.862 ug/l
 RT: 3.061 min Scan# 219
 Delta R.T. 0.006 min
 Lab File: VY023638.D
 Acq: 31 Oct 2025 09:52

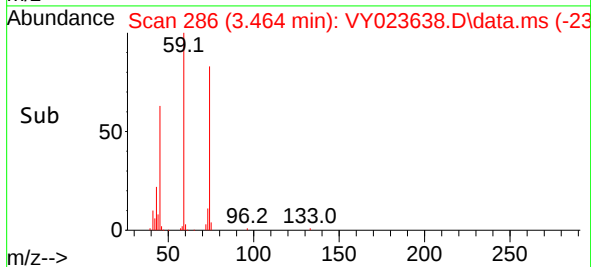
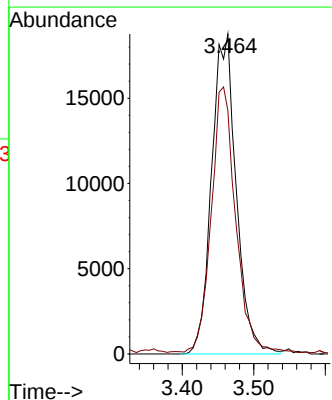
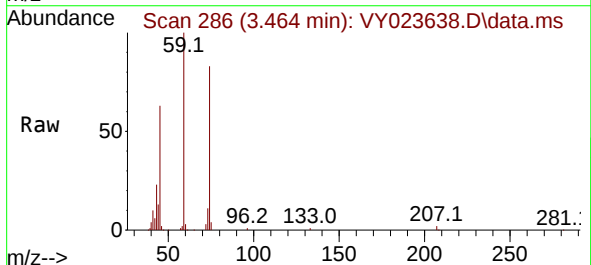
Instrument :
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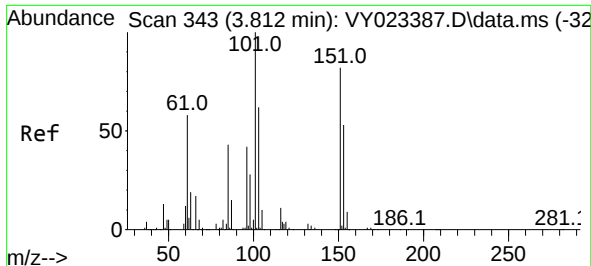
Tgt Ion:101 Resp: 164794
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.3 76.9



#8
 Diethyl Ether
 Concen: 20.681 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.012 min
 Lab File: VY023638.D
 Acq: 31 Oct 2025 09:52

Tgt Ion: 74 Resp: 44837
 Ion Ratio Lower Upper
 74 100
 45 81.7 39.9 119.7

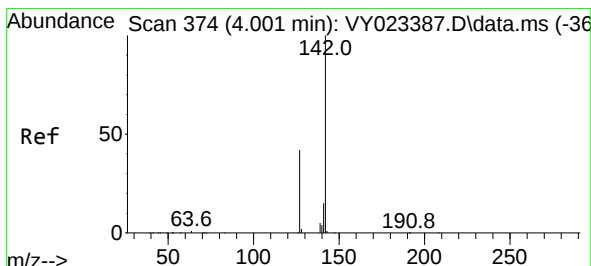
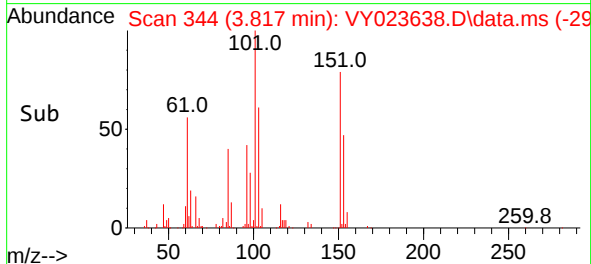
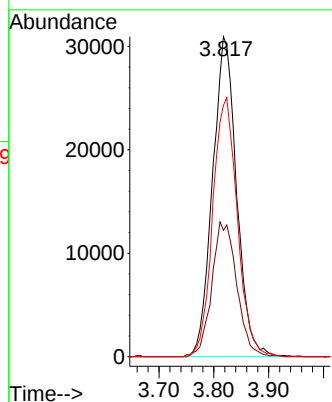
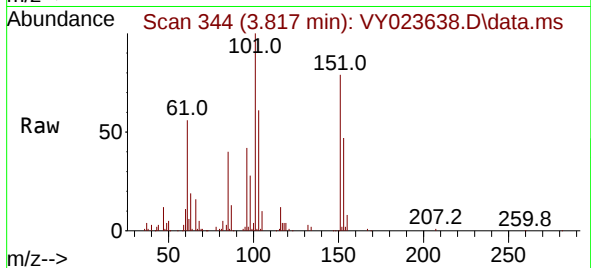




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.874 ug/l
RT: 3.817 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

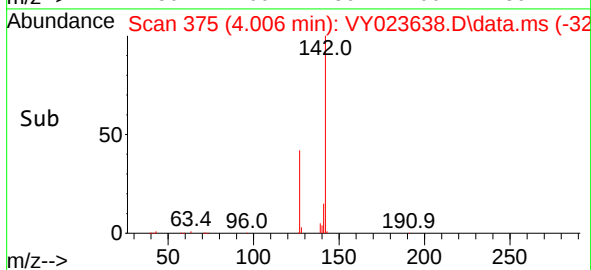
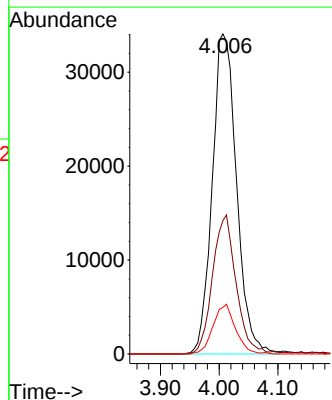
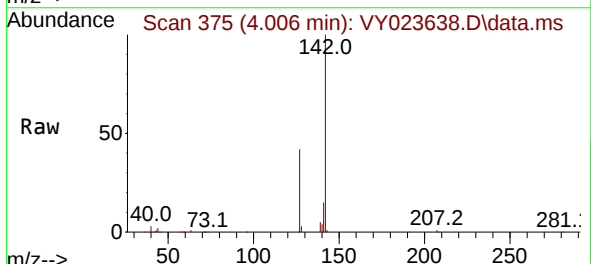
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

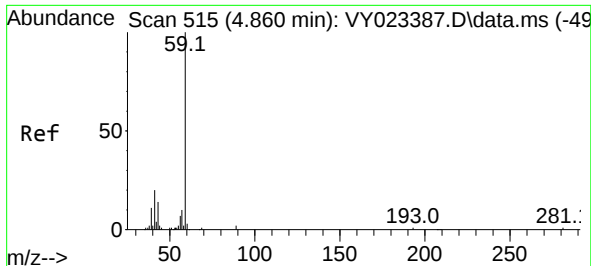
Tgt Ion:101 Resp: 94180
Ion Ratio Lower Upper
101 100
85 43.7 34.6 51.8
151 82.9 67.0 100.6



#10
Methyl Iodide
Concen: 20.434 ug/l
RT: 4.006 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

Tgt Ion:142 Resp: 97945
Ion Ratio Lower Upper
142 100
127 42.2 34.8 52.2
141 14.4 11.6 17.4

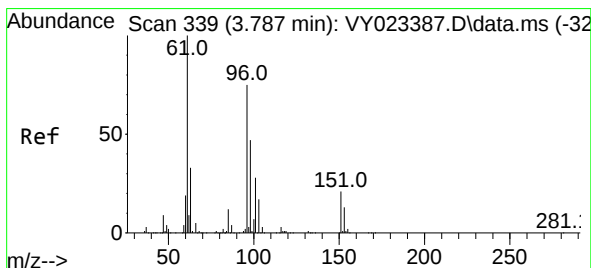
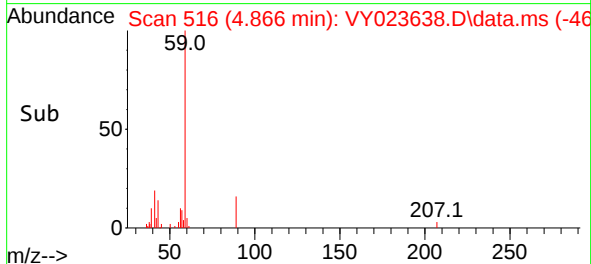
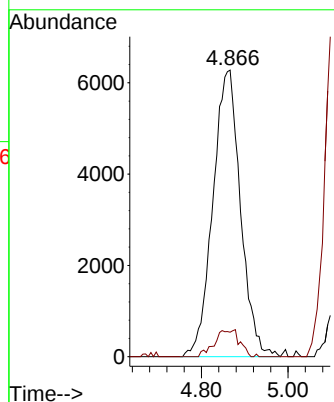
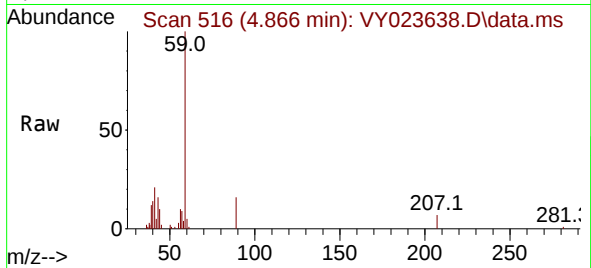




#11
Tert butyl alcohol
Concen: 95.752 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

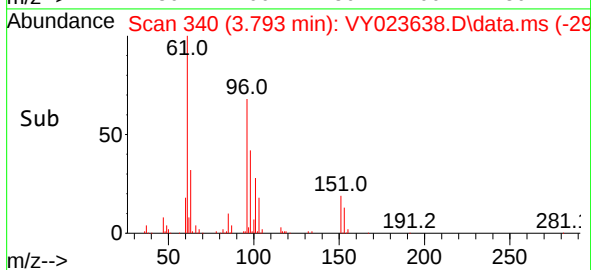
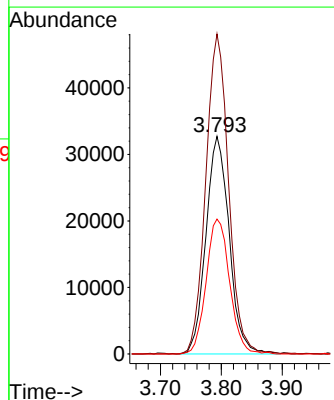
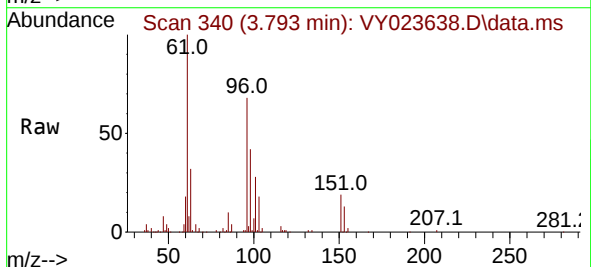
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

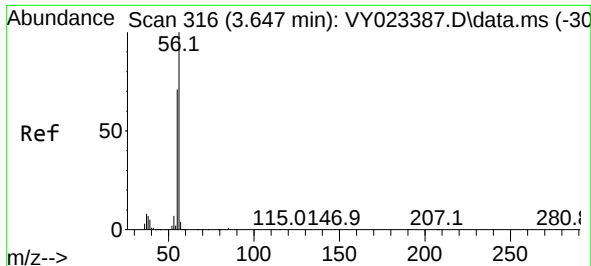
Tgt Ion: 59 Resp: 27871
Ion Ratio Lower Upper
59 100
57 5.4 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 20.816 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

Tgt Ion: 96 Resp: 86882
Ion Ratio Lower Upper
96 100
61 146.9 106.7 160.1
98 62.0 50.2 75.4

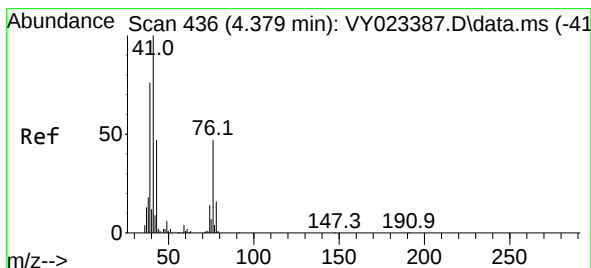
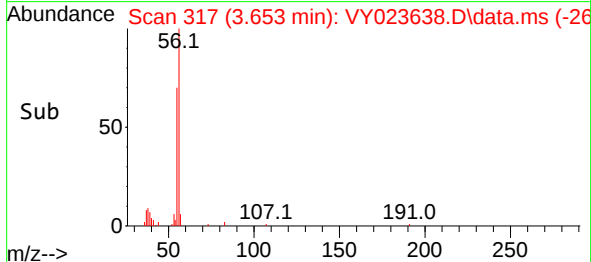
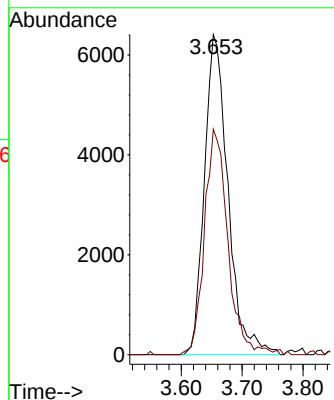
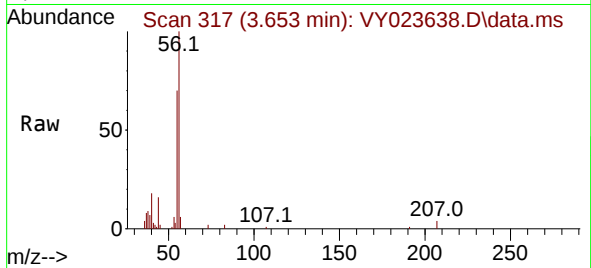




#13
Acrolein
Concen: 41.839 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

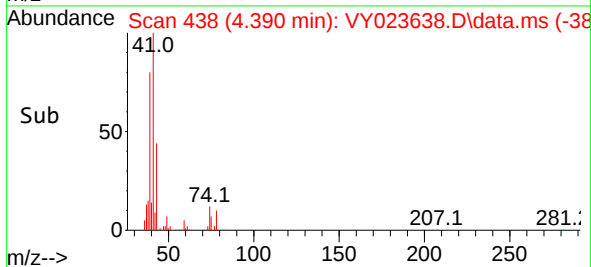
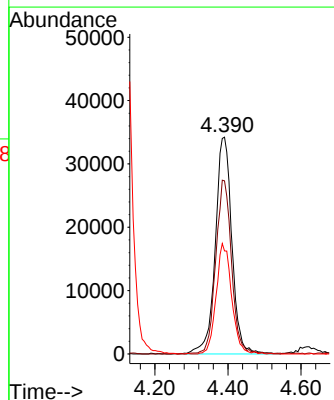
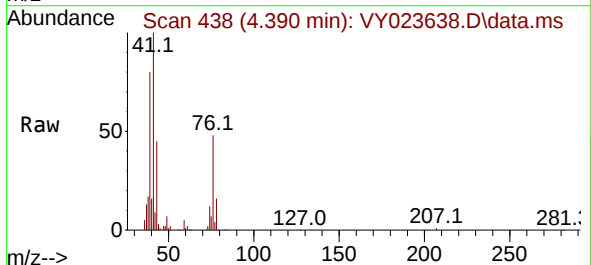
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

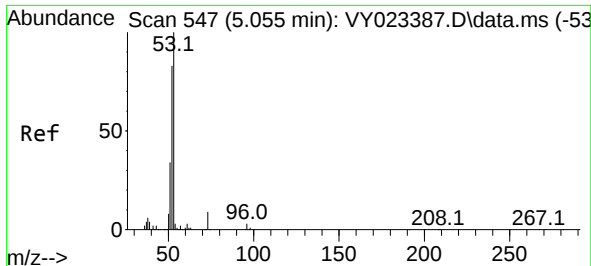
Tgt Ion: 56 Resp: 17208
Ion Ratio Lower Upper
56 100
55 69.7 56.1 84.1



#14
Allyl chloride
Concen: 21.230 ug/l
RT: 4.390 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

Tgt Ion: 41 Resp: 107987
Ion Ratio Lower Upper
41 100
39 76.3 59.9 89.9
76 47.2 38.0 57.0

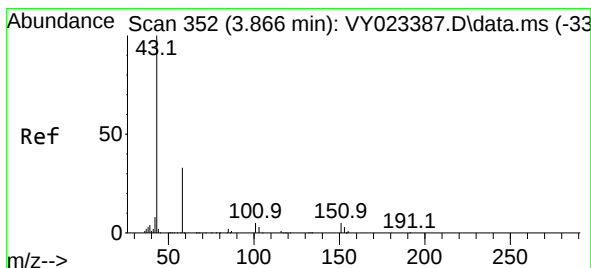
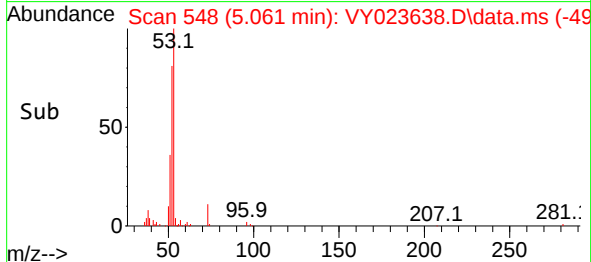
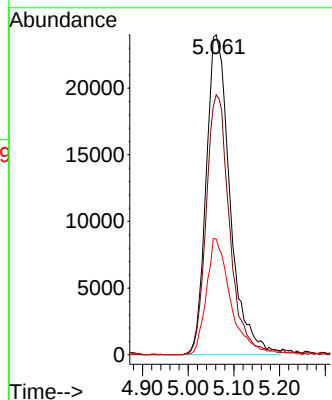
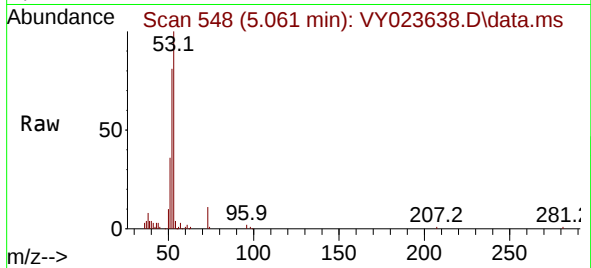




#15
Acrylonitrile
Concen: 104.986 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

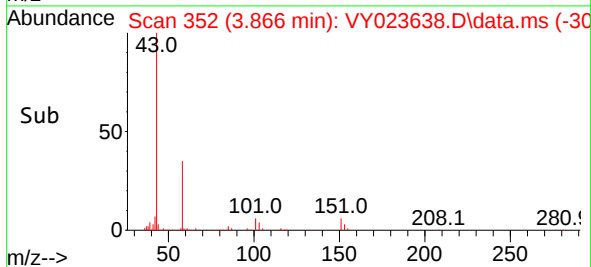
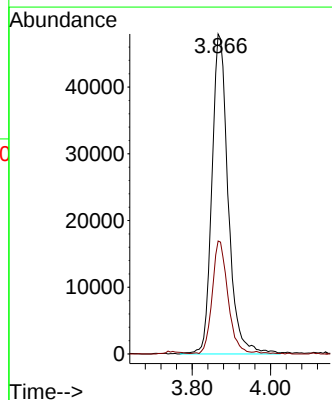
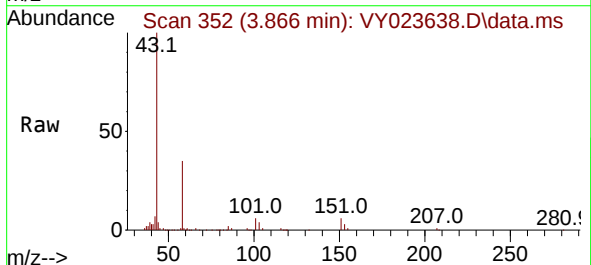
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

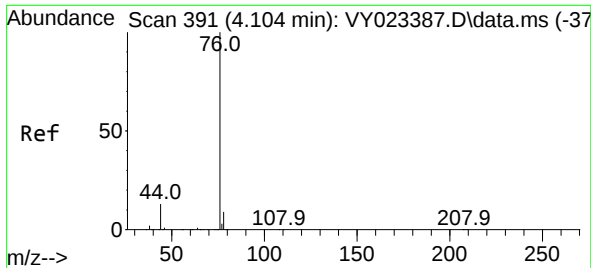
Tgt Ion: 53 Resp: 87108
Ion Ratio Lower Upper
53 100
52 79.6 64.6 97.0
51 37.3 29.5 44.3



#16
Acetone
Concen: 148.024 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

Tgt Ion: 43 Resp: 137879
Ion Ratio Lower Upper
43 100
58 35.1 27.7 41.5

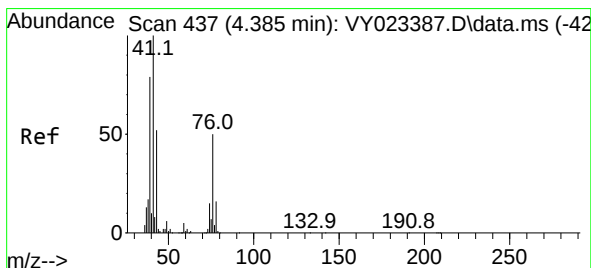
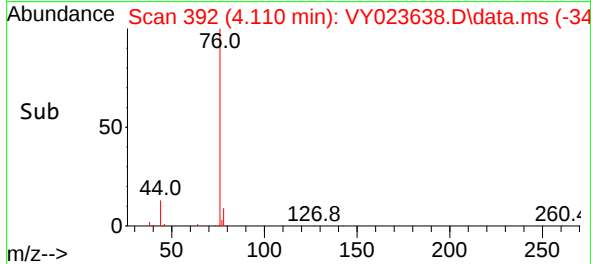
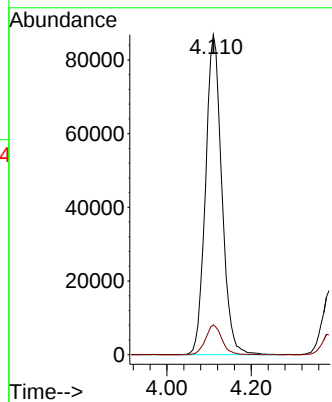
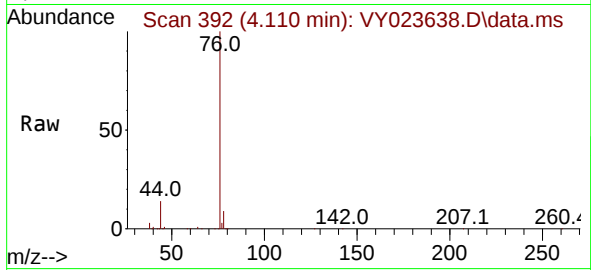




#17
Carbon Disulfide
Concen: 19.520 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

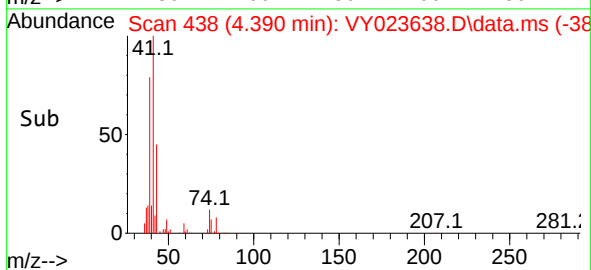
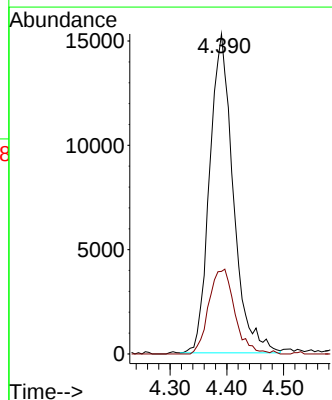
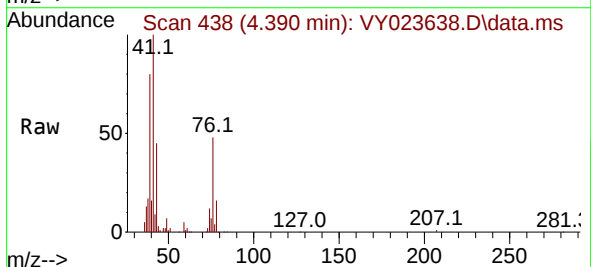
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

Tgt Ion: 76 Resp: 233183
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 18.084 ug/l
RT: 4.390 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

Tgt Ion: 43 Resp: 44187
Ion Ratio Lower Upper
43 100
74 29.3 24.2 36.4

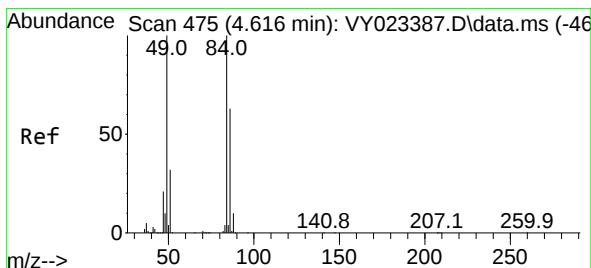
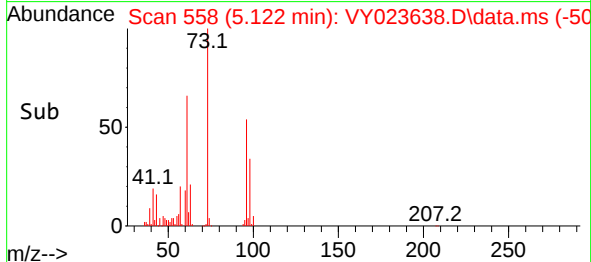
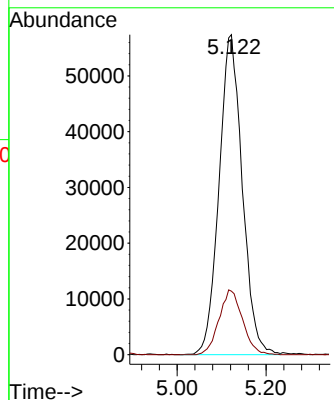
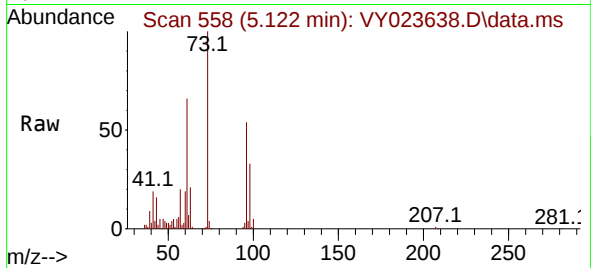




#19
Methyl tert-butyl Ether
Concen: 20.714 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

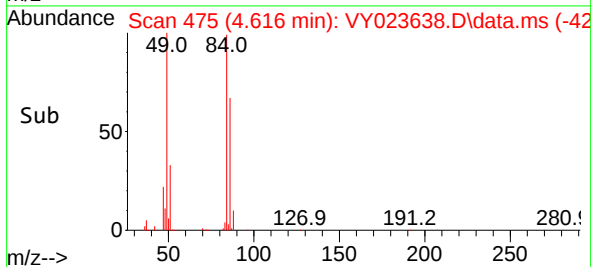
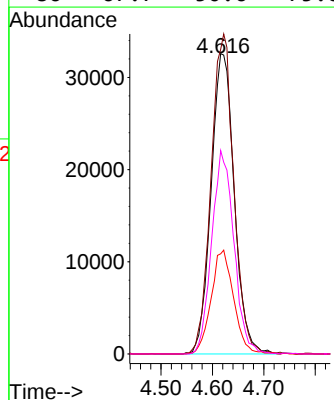
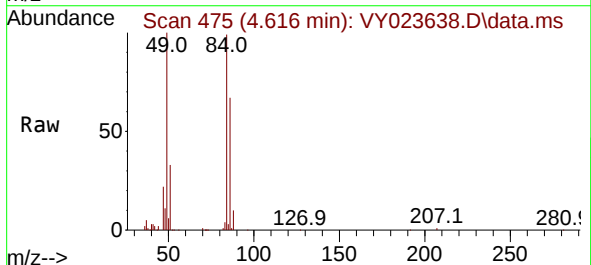
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

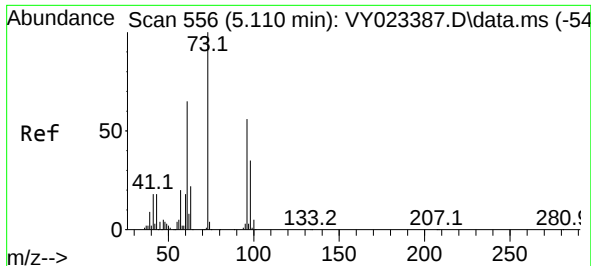
Tgt Ion: 73 Resp: 207790
Ion Ratio Lower Upper
73 100
57 19.9 17.4 26.0



#20
Methylene Chloride
Concen: 20.261 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

Tgt Ion: 84 Resp: 102049
Ion Ratio Lower Upper
84 100
49 101.4 80.2 120.4
51 33.4 25.9 38.9
86 67.7 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 21.057 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY023638.D

Acq: 31 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBS01

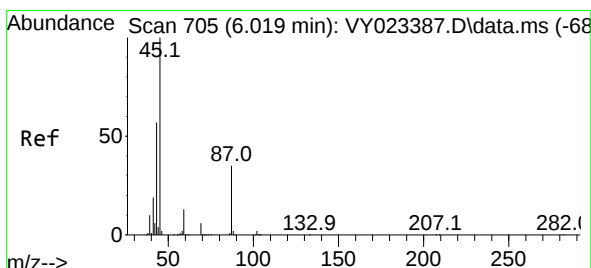
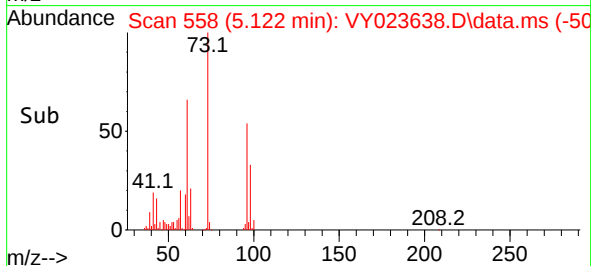
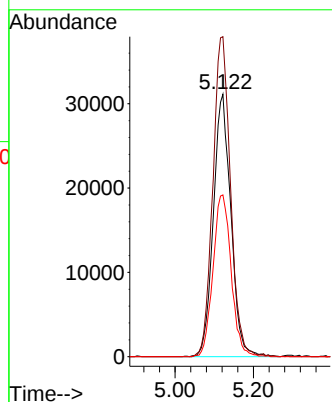
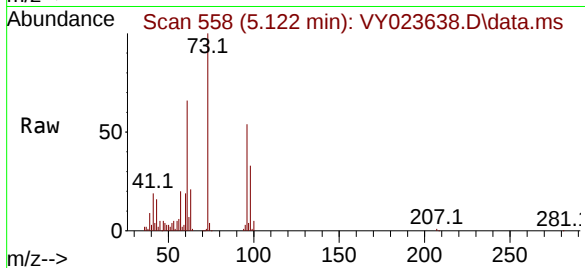
Tgt Ion: 96 Resp: 96761

Ion Ratio Lower Upper

96 100

61 121.9 92.7 139.1

98 61.6 49.7 74.5



#22

Diisopropyl ether

Concen: 22.377 ug/l

RT: 6.024 min Scan# 706

Delta R.T. 0.006 min

Lab File: VY023638.D

Acq: 31 Oct 2025 09:52

Tgt Ion: 45 Resp: 251774

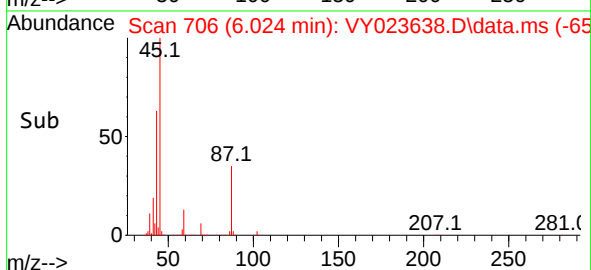
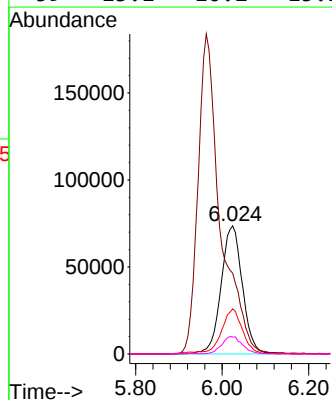
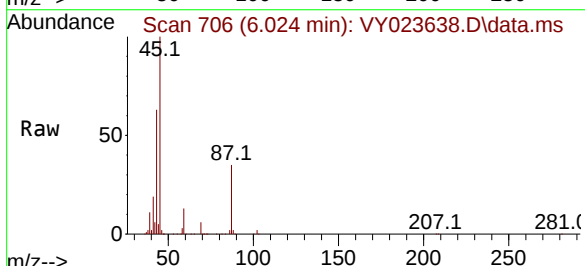
Ion Ratio Lower Upper

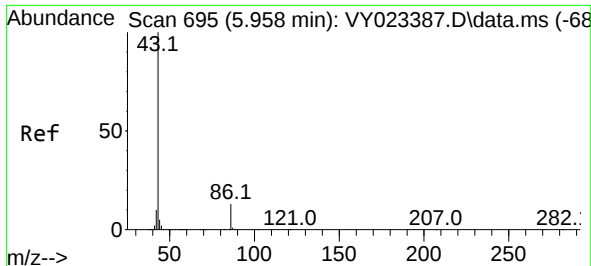
45 100

43 62.4 45.6 68.4

87 35.1 28.1 42.1

59 13.1 10.2 15.2

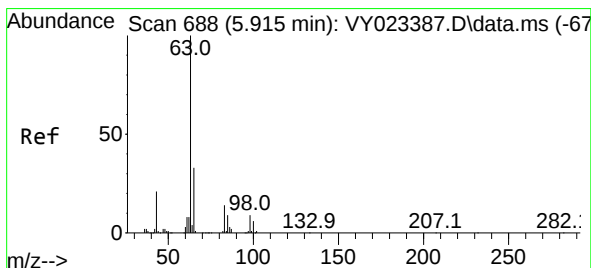
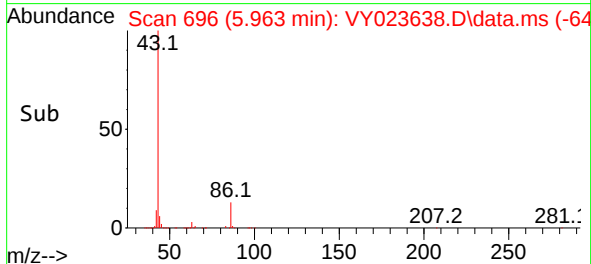
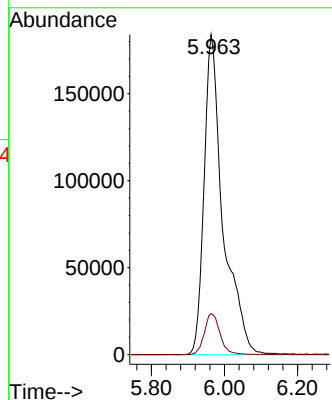
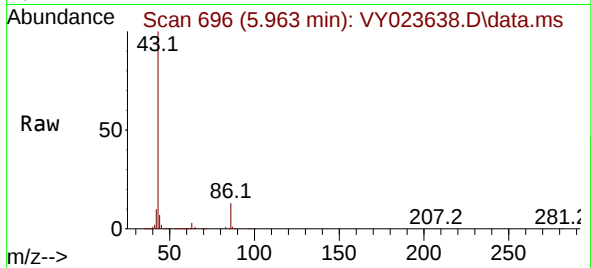




#23
 Vinyl Acetate
 Concen: 108.721 ug/l
 RT: 5.963 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY023638.D
 Acq: 31 Oct 2025 09:52

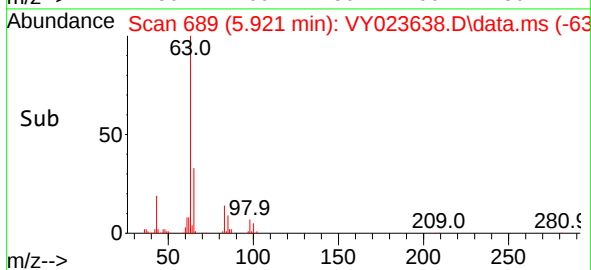
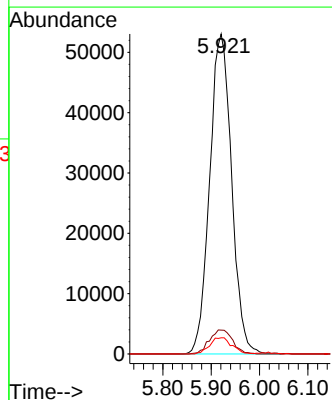
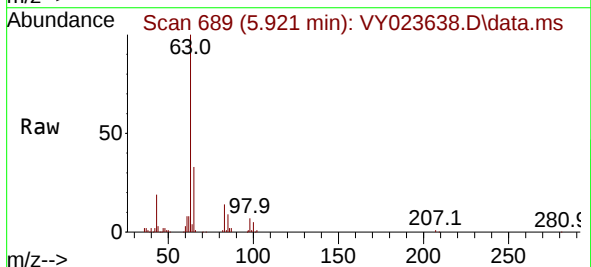
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1031SBS01

Tgt Ion: 43 Resp: 662123
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 22.421 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023638.D
 Acq: 31 Oct 2025 09:52

Tgt Ion: 63 Resp: 167100
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.3 13.1
 100 5.0 2.8 8.4





#25

2-Butanone

Concen: 122.313 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023638.D

Acq: 31 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

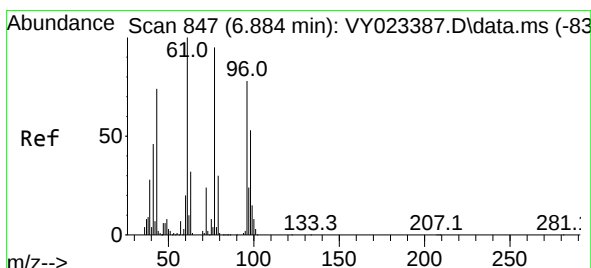
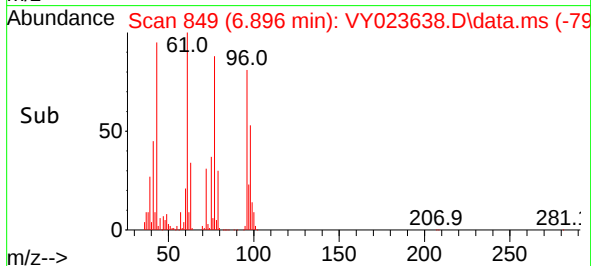
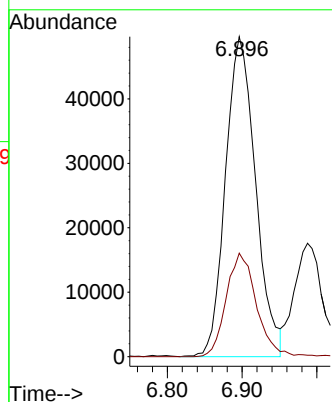
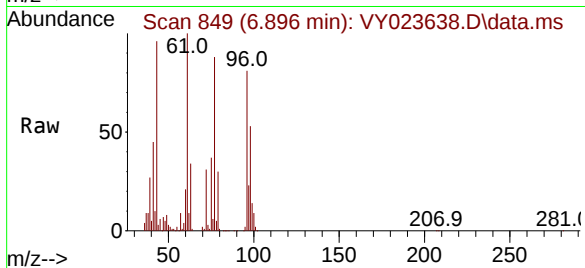
VY1031SBS01

Tgt Ion: 43 Resp: 139091

Ion Ratio Lower Upper

43 100

72 32.3 27.4 41.2



#26

2,2-Dichloropropane

Concen: 22.274 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023638.D

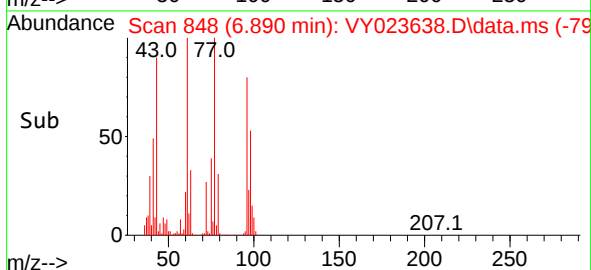
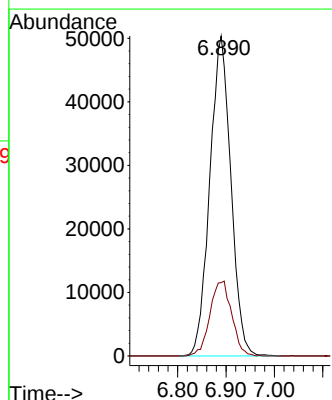
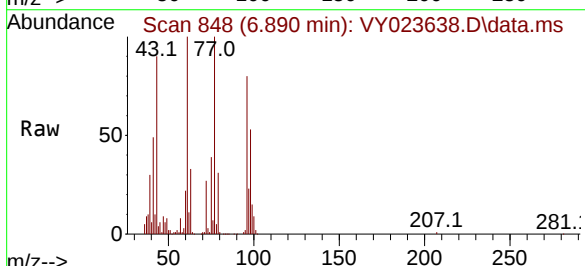
Acq: 31 Oct 2025 09:52

Tgt Ion: 77 Resp: 152325

Ion Ratio Lower Upper

77 100

97 24.2 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 21.399 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023638.D

Acq: 31 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBS01

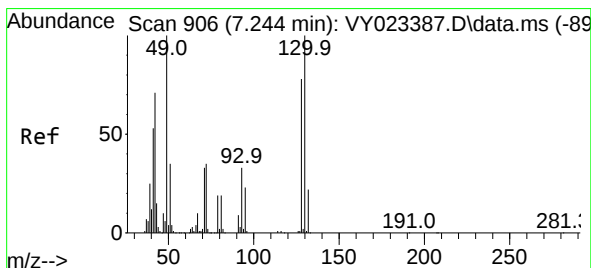
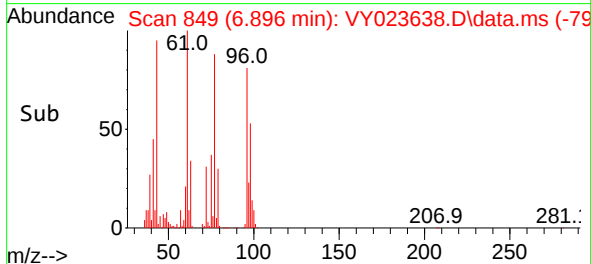
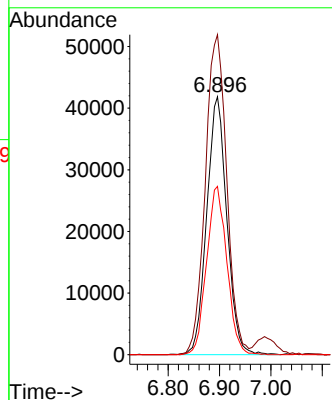
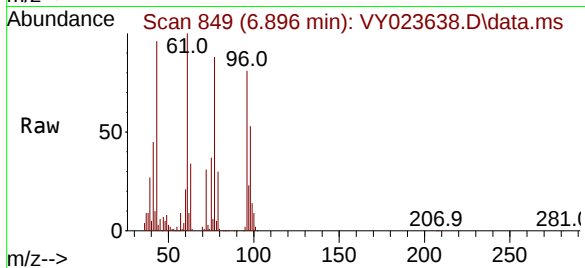
Tgt Ion: 96 Resp: 113586

Ion Ratio Lower Upper

96 100

61 132.2 0.0 258.2

98 66.0 0.0 132.0



#28

Bromochloromethane

Concen: 22.416 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023638.D

Acq: 31 Oct 2025 09:52

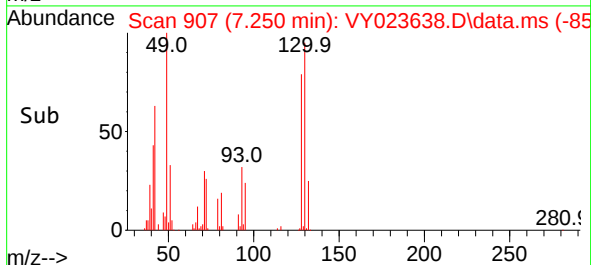
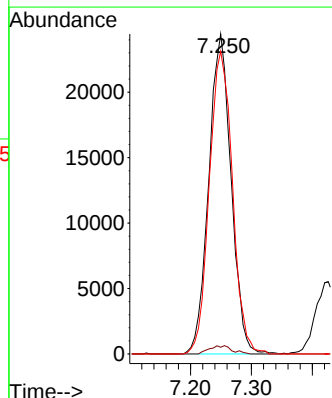
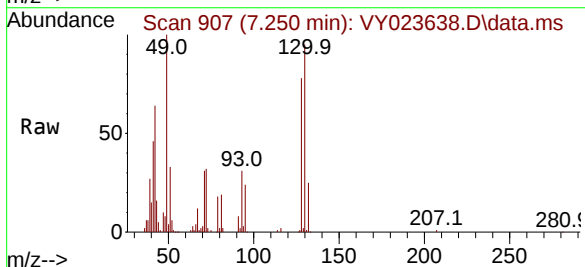
Tgt Ion: 49 Resp: 62367

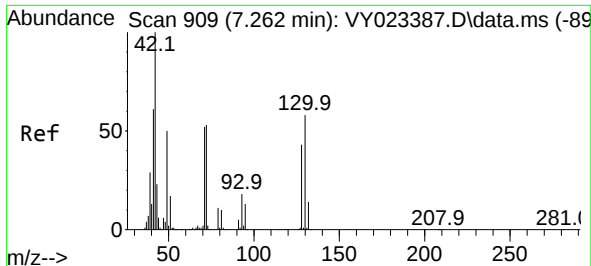
Ion Ratio Lower Upper

49 100

129 2.6 0.0 5.6

130 97.7 81.9 122.9





#29

Tetrahydrofuran

Concen: 99.678 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY023638.D

Acq: 31 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBS01

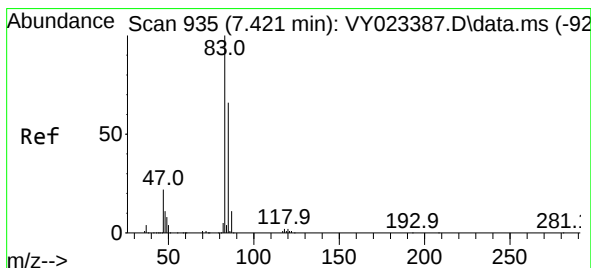
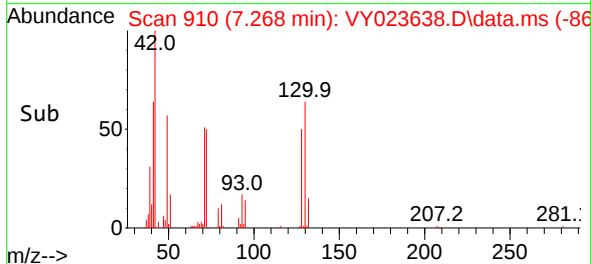
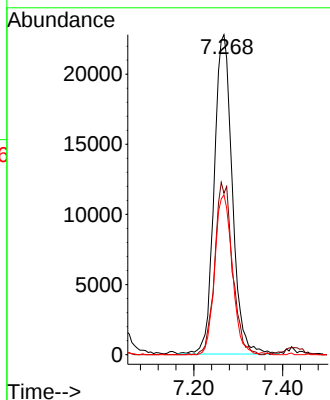
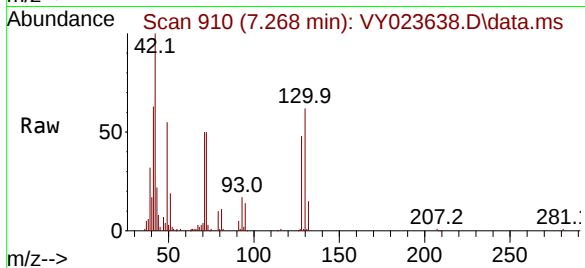
Tgt Ion: 42 Resp: 64278

Ion Ratio Lower Upper

42 100

72 52.8 43.0 64.6

71 48.4 40.1 60.1



#30

Chloroform

Concen: 22.604 ug/l

RT: 7.426 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY023638.D

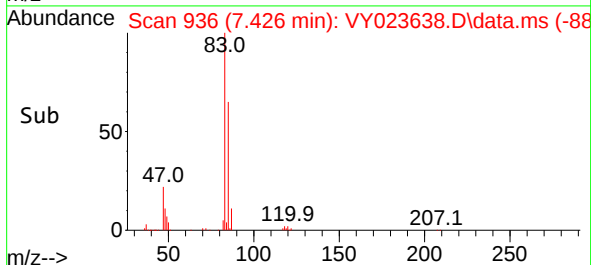
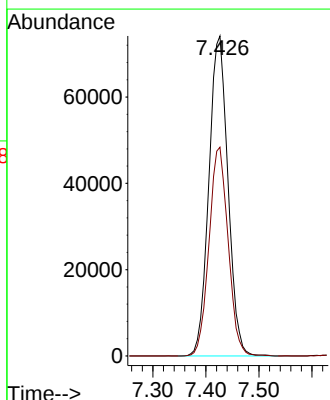
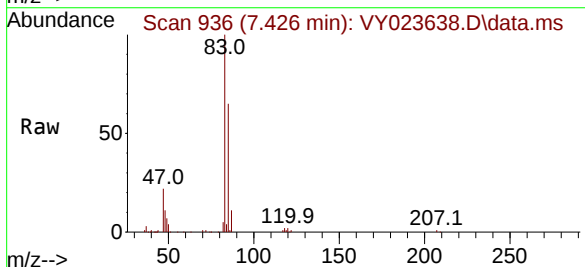
Acq: 31 Oct 2025 09:52

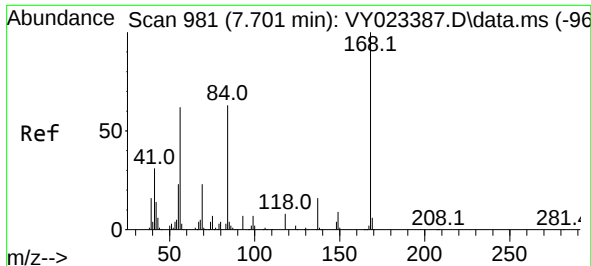
Tgt Ion: 83 Resp: 185093

Ion Ratio Lower Upper

83 100

85 65.3 52.5 78.7

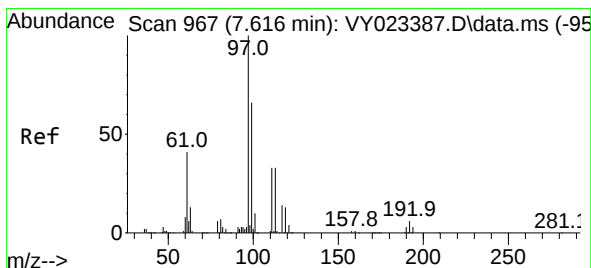
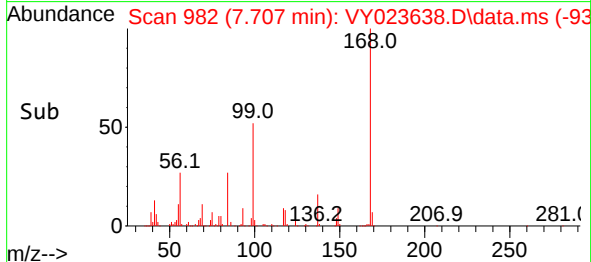
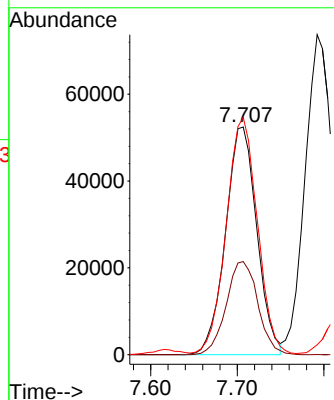
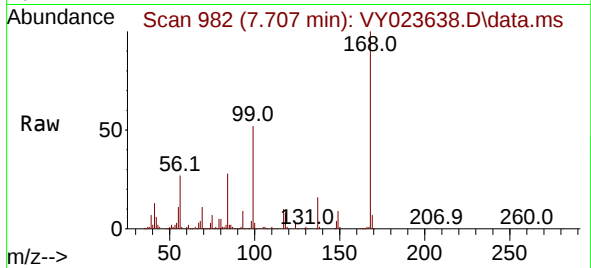




#31
Cyclohexane
Concen: 20.270 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

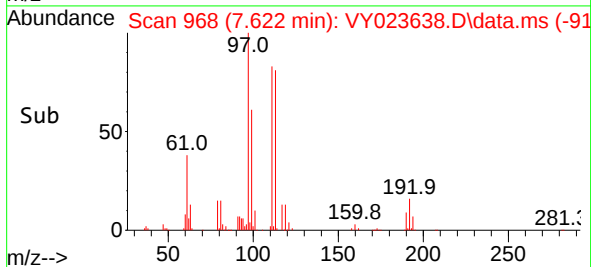
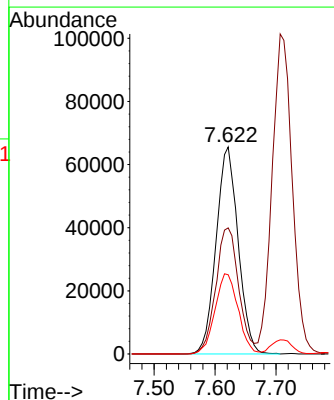
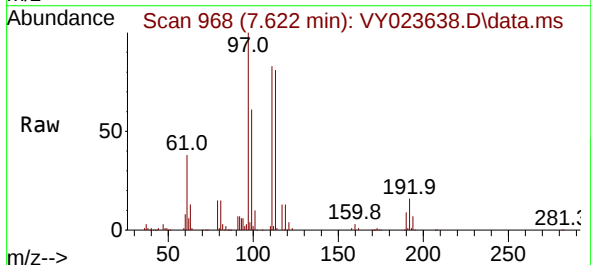
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

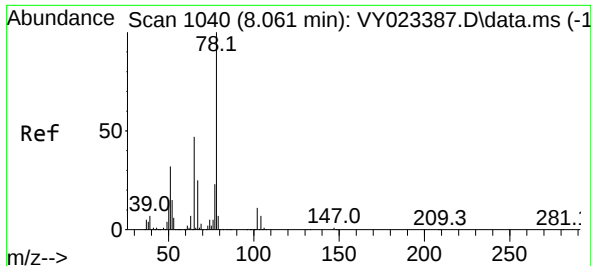
Tgt Ion: 56 Resp: 131933
Ion Ratio Lower Upper
56 100
69 40.9 30.0 45.0
84 102.8 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 22.165 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

Tgt Ion: 97 Resp: 164939
Ion Ratio Lower Upper
97 100
99 63.3 51.4 77.2
61 40.6 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 47.171 ug/l

RT: 8.060 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023638.D

Acq: 31 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

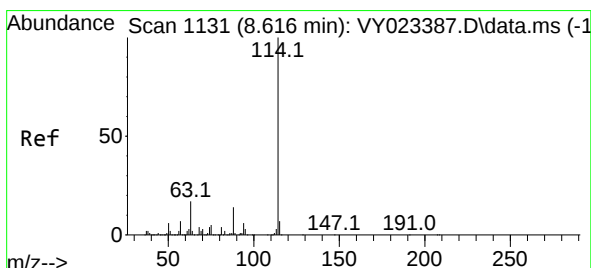
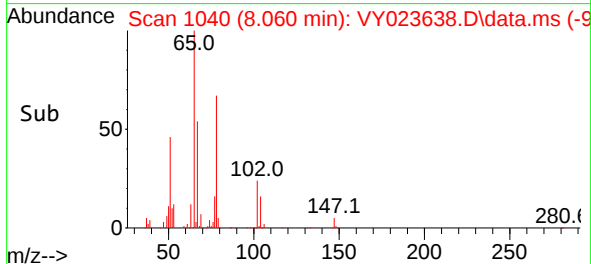
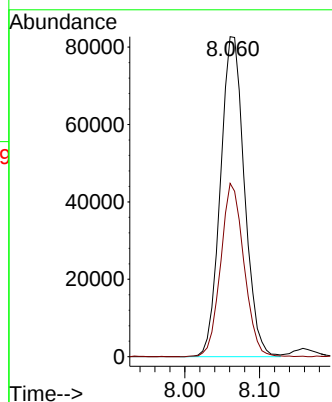
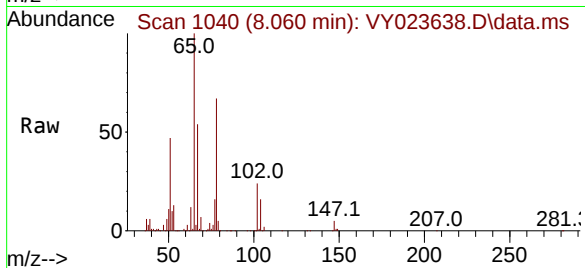
VY1031SBS01

Tgt Ion: 65 Resp: 184560

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023638.D

Acq: 31 Oct 2025 09:52

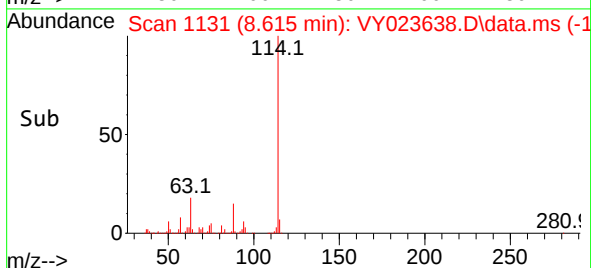
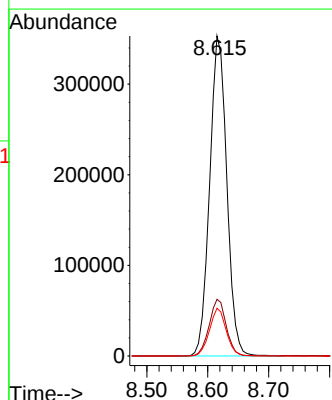
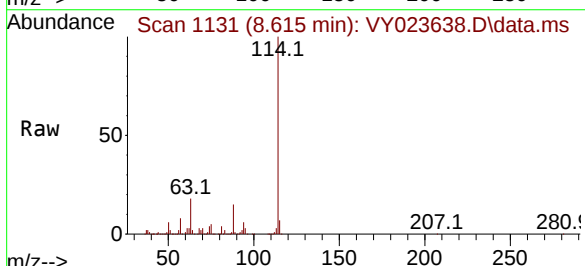
Tgt Ion:114 Resp: 690374

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.2

88 14.9 0.0 28.4

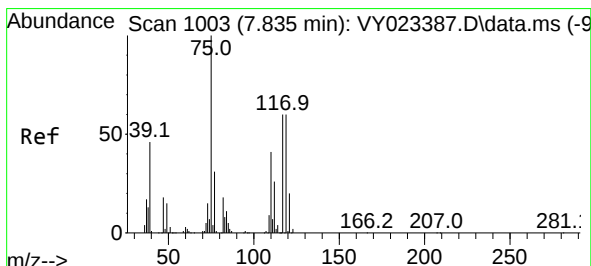
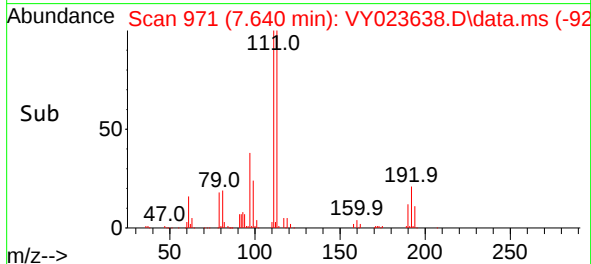
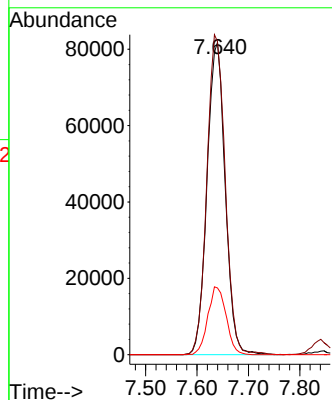
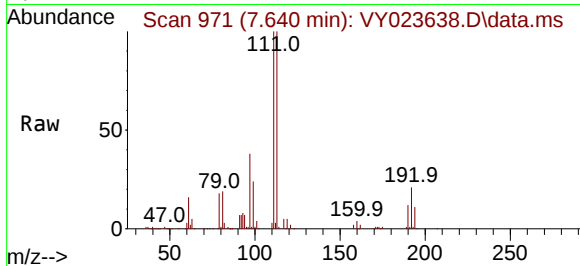




#35
Dibromofluoromethane
Concen: 47.186 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

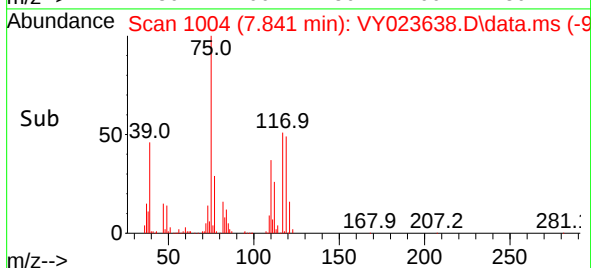
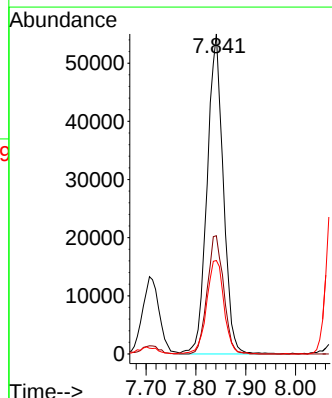
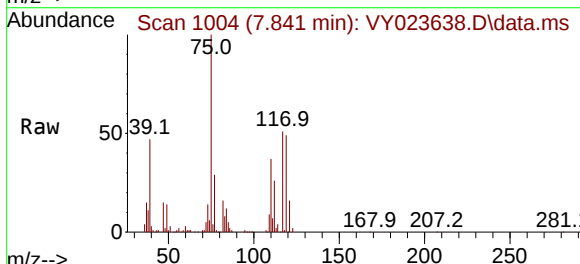
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

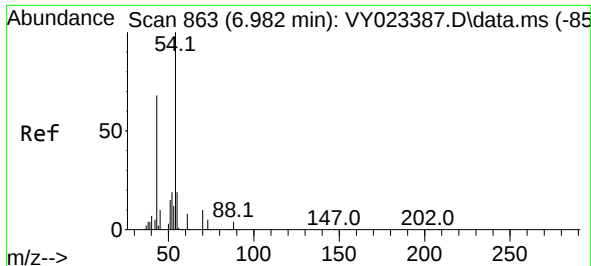
Tgt Ion:113 Resp: 200163
Ion Ratio Lower Upper
113 100
111 103.8 81.8 122.6
192 22.0 18.0 27.0



#36
1,1-Dichloropropene
Concen: 22.015 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

Tgt Ion: 75 Resp: 123635
Ion Ratio Lower Upper
75 100
110 37.5 19.9 59.7
77 31.4 25.0 37.6

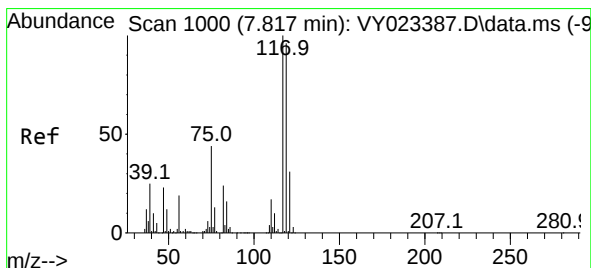
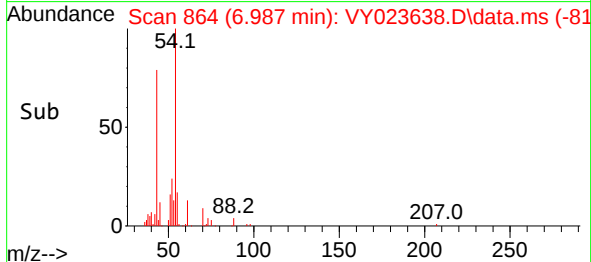
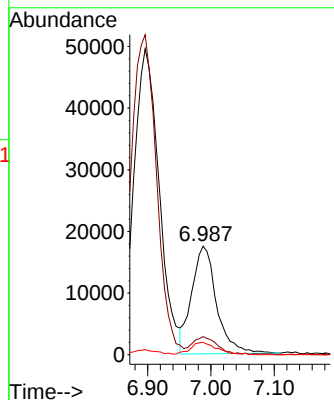
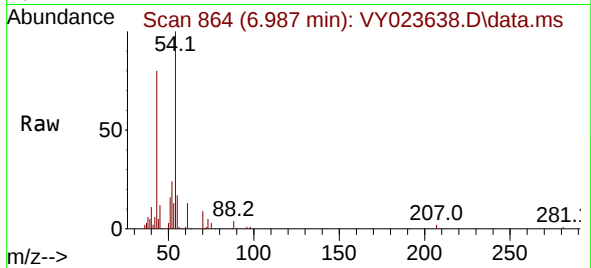




#37
Ethyl Acetate
Concen: 21.440 ug/l
RT: 6.987 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

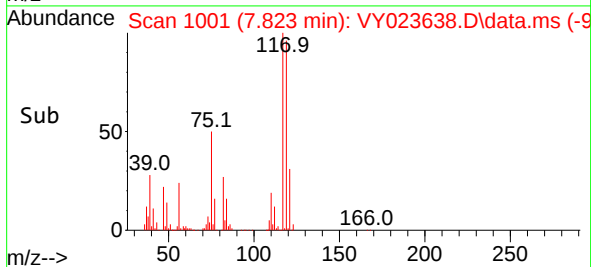
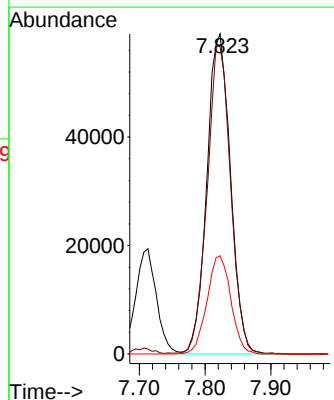
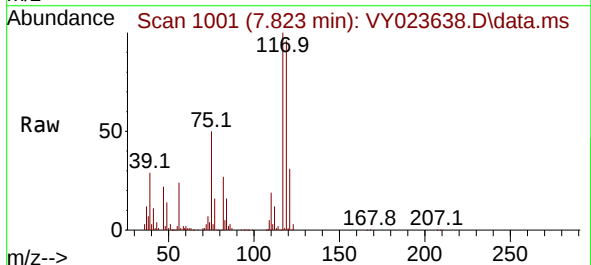
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

Tgt Ion: 43 Resp: 47702
Ion Ratio Lower Upper
43 100
61 17.0 11.8 17.8
70 12.2 10.5 15.7



#38
Carbon Tetrachloride
Concen: 21.687 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

Tgt Ion: 117 Resp: 147683
Ion Ratio Lower Upper
117 100
119 95.9 76.8 115.2
121 30.7 24.5 36.7





#39

Methylcyclohexane

Concen: 20.049 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023638.D

Acq: 31 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBS01

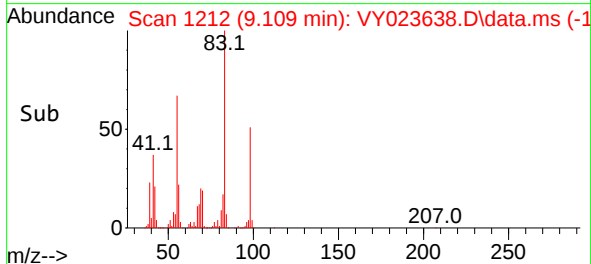
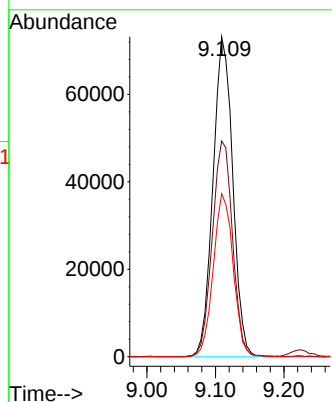
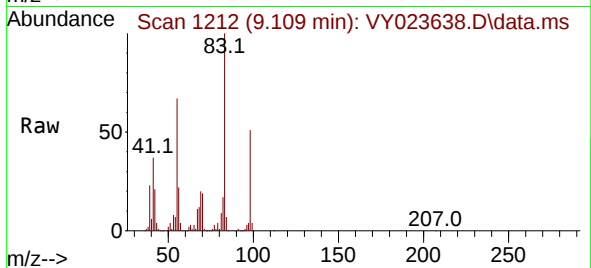
Tgt Ion: 83 Resp: 146600

Ion Ratio Lower Upper

83 100

55 67.4 51.4 77.2

98 50.9 40.4 60.6



#40

Benzene

Concen: 22.244 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023638.D

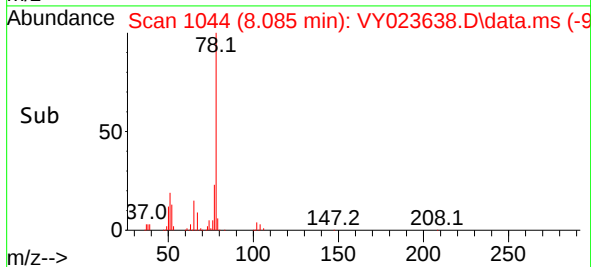
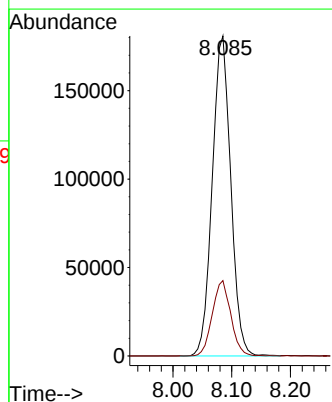
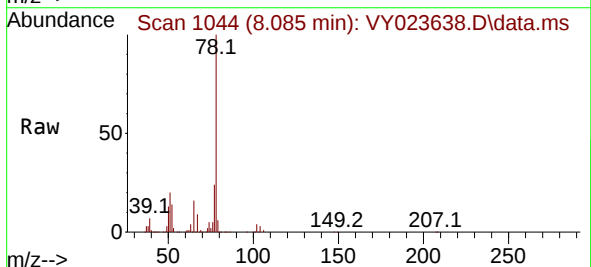
Acq: 31 Oct 2025 09:52

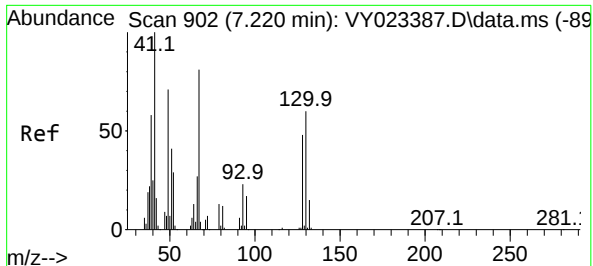
Tgt Ion: 78 Resp: 395616

Ion Ratio Lower Upper

78 100

77 23.6 18.3 27.5



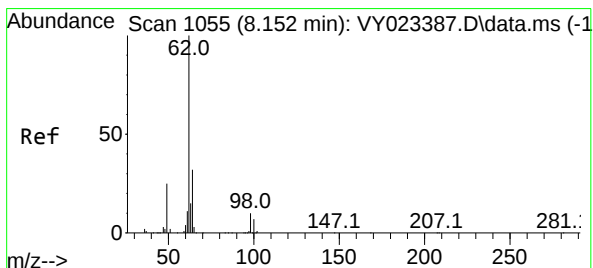
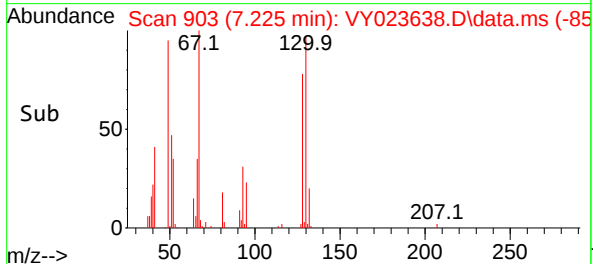
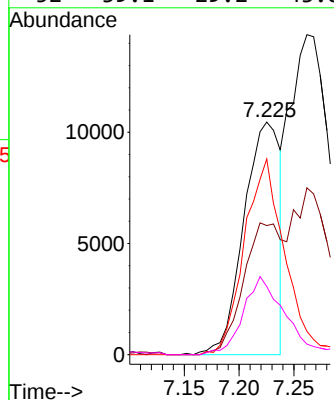
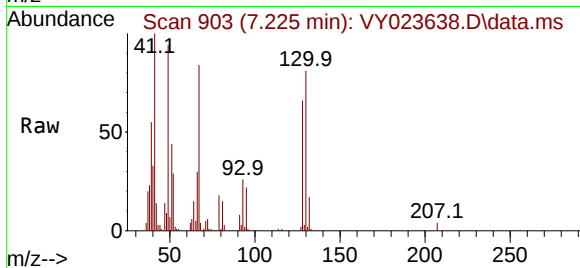


#41
Methacrylonitrile
Concen: 19.985 ug/l
RT: 7.225 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

Tgt Ion: 41 Resp: 24048

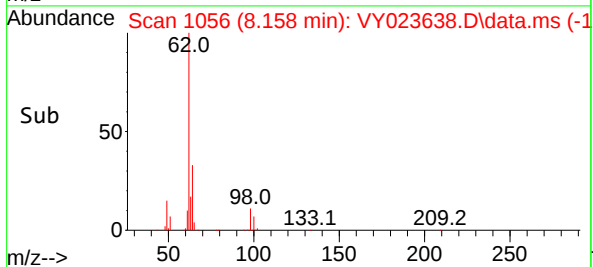
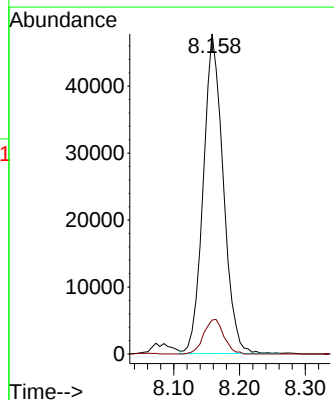
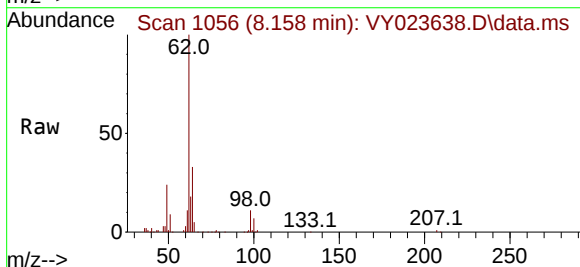
Ion	Ratio	Lower	Upper
41	100		
39	64.8	52.2	78.4
67	95.3	74.9	112.3
52	39.1	29.2	43.8

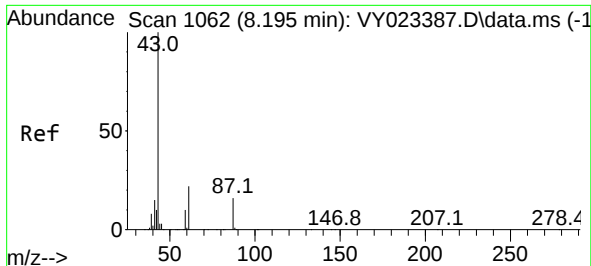


#42
1,2-Dichloroethane
Concen: 21.974 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

Tgt Ion: 62 Resp: 100791

Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.6

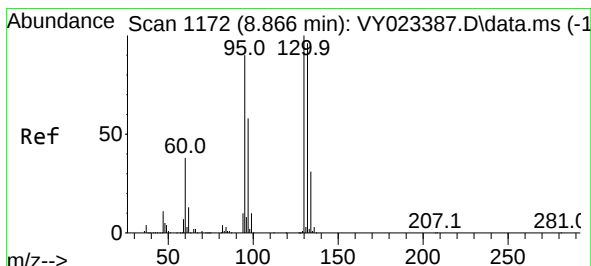
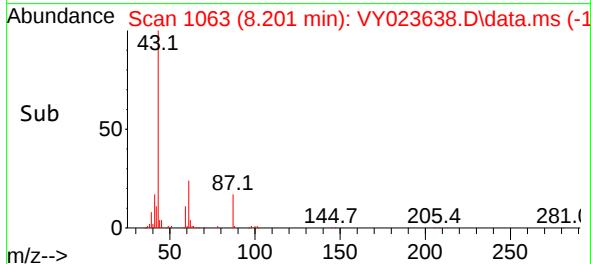
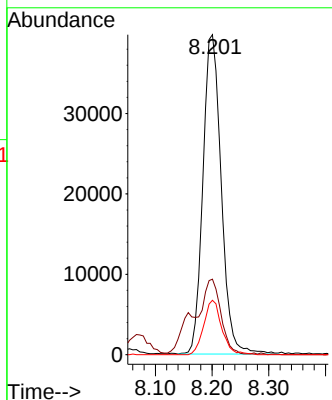
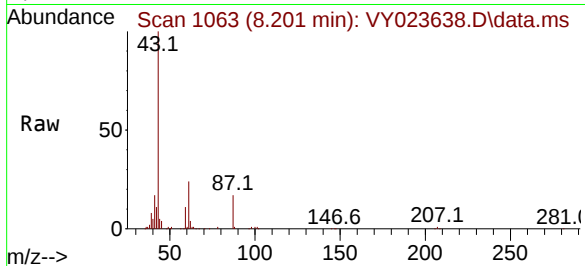




#43
Isopropyl Acetate
Concen: 20.114 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

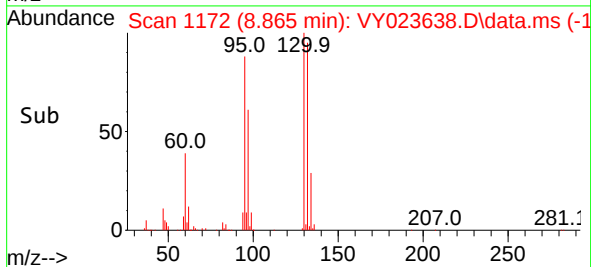
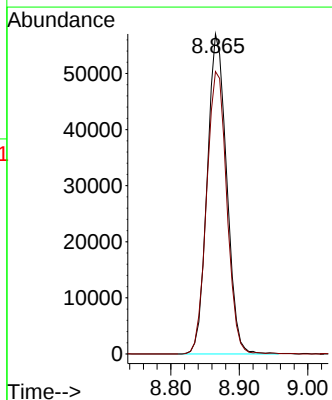
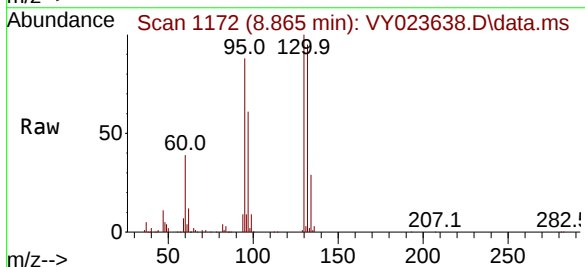
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

Tgt Ion: 43 Resp: 89236
Ion Ratio Lower Upper
43 100
61 24.0 18.1 27.1
87 16.8 13.5 20.3



#44
Trichloroethene
Concen: 21.609 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

Tgt Ion:130 Resp: 112485
Ion Ratio Lower Upper
130 100
95 88.2 0.0 180.6





#45

1,2-Dichloropropane

Concen: 22.692 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023638.D

Acq: 31 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

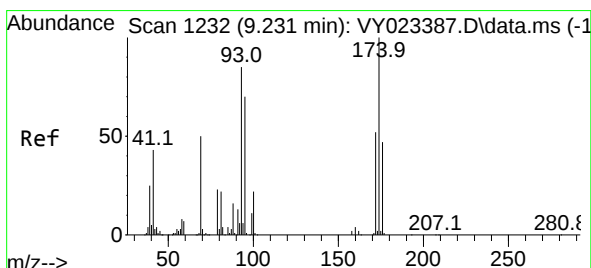
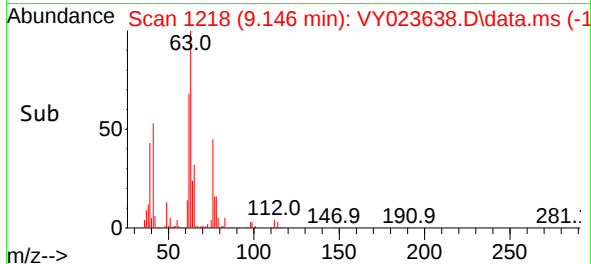
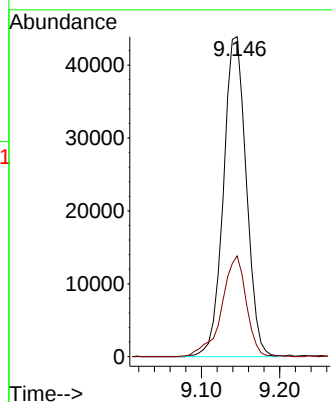
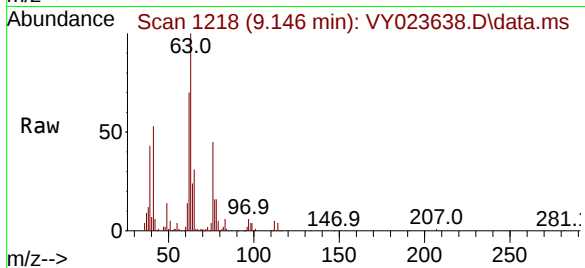
VY1031SBS01

Tgt Ion: 63 Resp: 89144

Ion Ratio Lower Upper

63 100

65 31.3 24.9 37.3



#46

Dibromomethane

Concen: 22.086 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023638.D

Acq: 31 Oct 2025 09:52

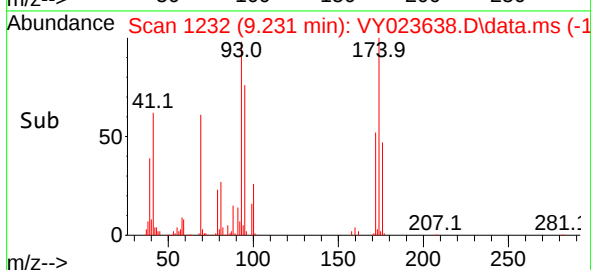
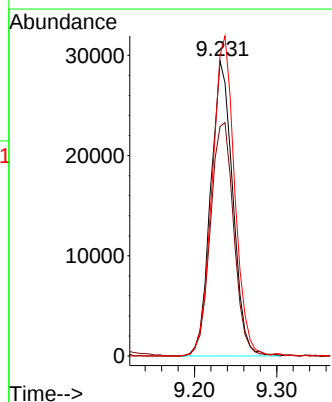
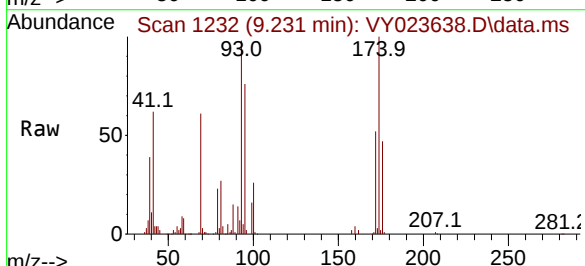
Tgt Ion: 93 Resp: 54863

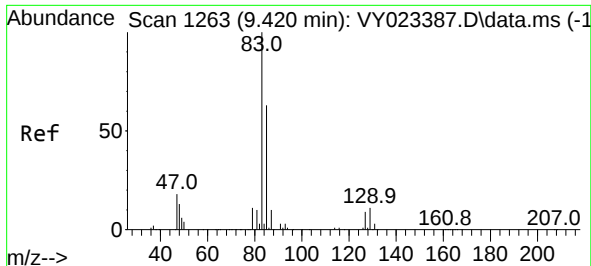
Ion Ratio Lower Upper

93 100

95 84.1 65.4 98.0

174 110.1 92.9 139.3

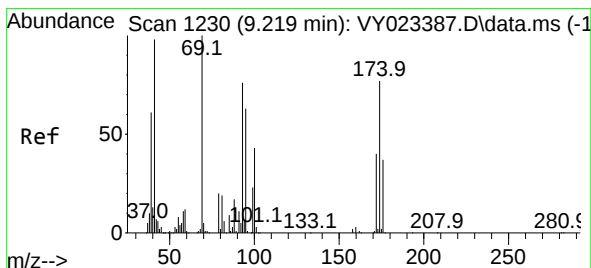
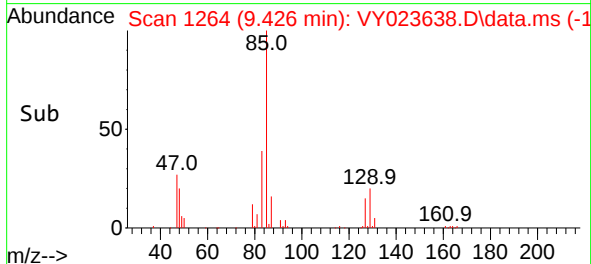
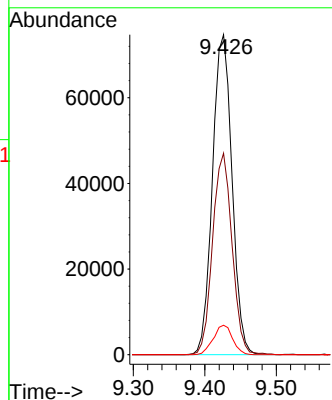
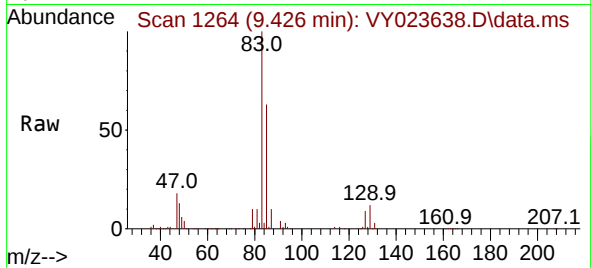




#47
Bromodichloromethane
Concen: 22.659 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

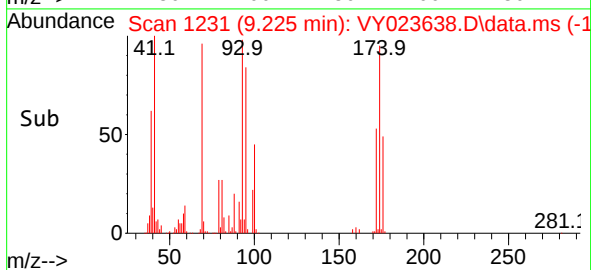
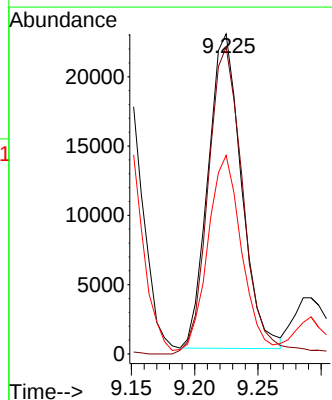
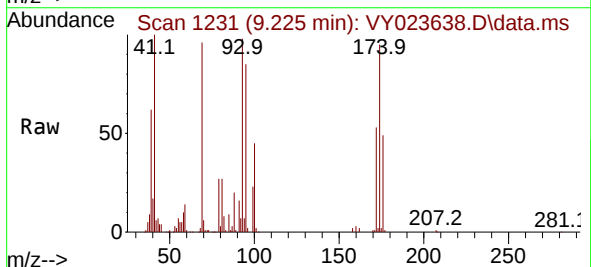
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

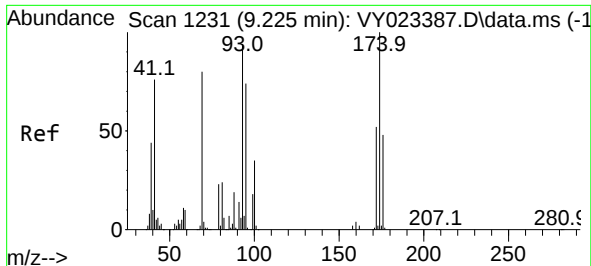
Tgt Ion: 83 Resp: 141757
Ion Ratio Lower Upper
83 100
85 62.9 50.8 76.2
127 9.2 7.4 11.2



#48
Methyl methacrylate
Concen: 19.962 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

Tgt Ion: 41 Resp: 41606
Ion Ratio Lower Upper
41 100
69 102.7 81.0 121.4
39 63.4 48.2 72.4





#49

1,4-Dioxane

Concen: 370.203 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023638.D

Acq: 31 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBS01

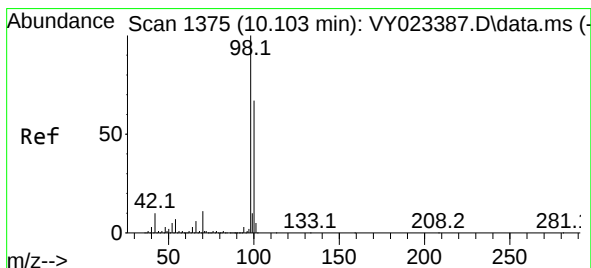
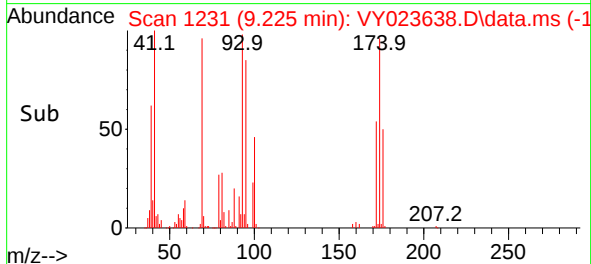
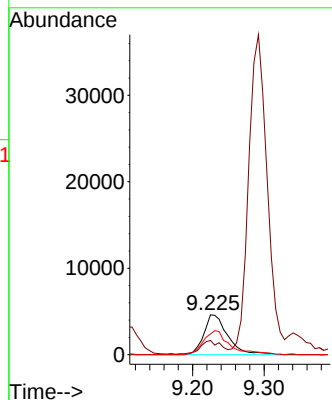
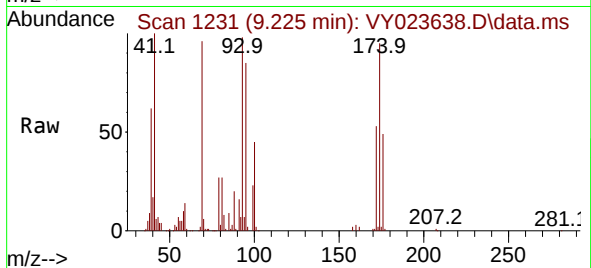
Tgt Ion: 88 Resp: 10662

Ion Ratio Lower Upper

88 100

43 29.4 21.8 32.8

58 66.4 46.8 70.2



#50

Toluene-d8

Concen: 46.832 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023638.D

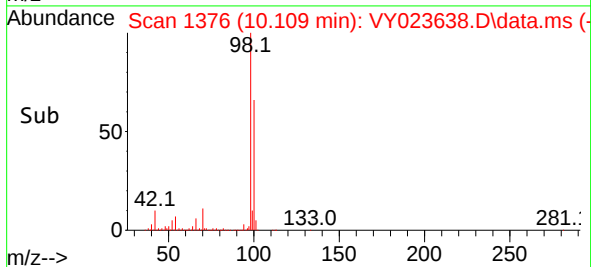
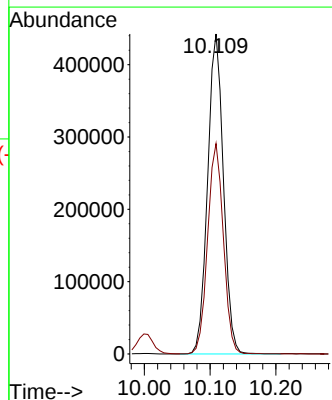
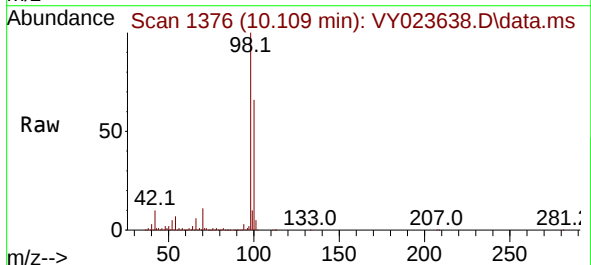
Acq: 31 Oct 2025 09:52

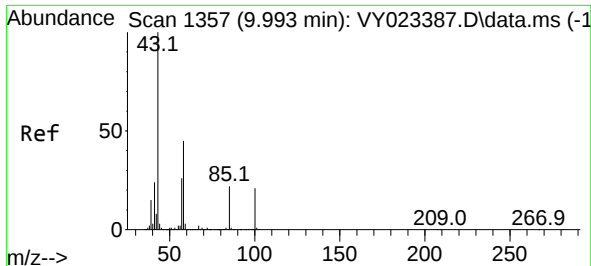
Tgt Ion: 98 Resp: 739843

Ion Ratio Lower Upper

98 100

100 65.4 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 105.983 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023638.D

Acq: 31 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

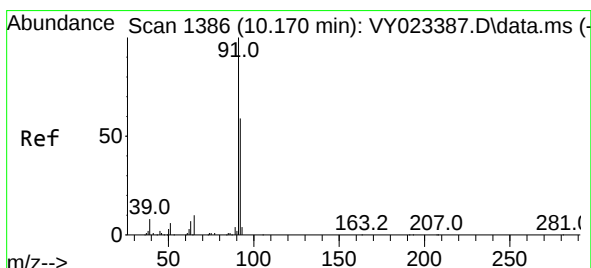
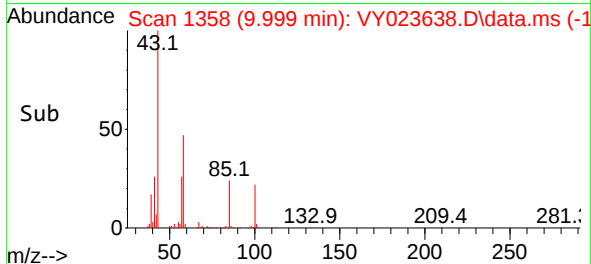
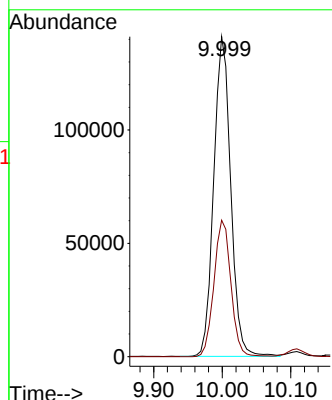
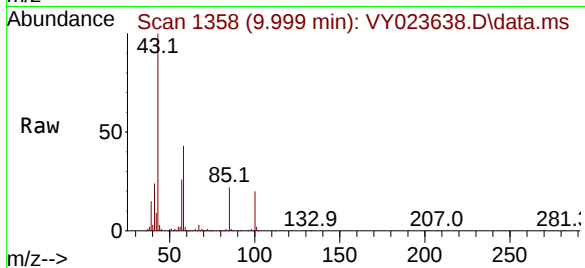
VY1031SBS01

Tgt Ion: 43 Resp: 242932

Ion Ratio Lower Upper

43 100

58 42.7 35.3 52.9



#52

Toluene

Concen: 22.168 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY023638.D

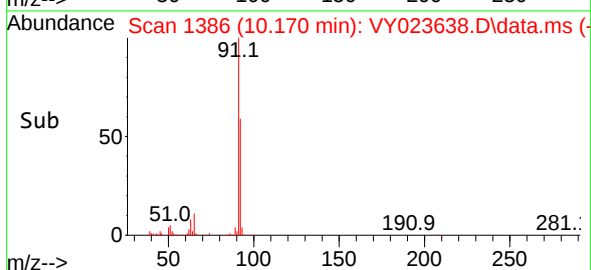
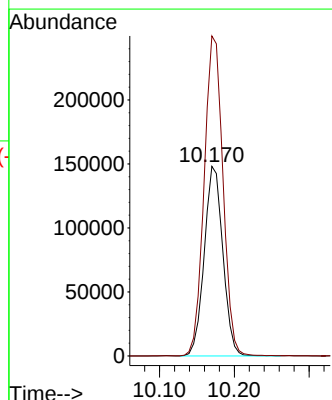
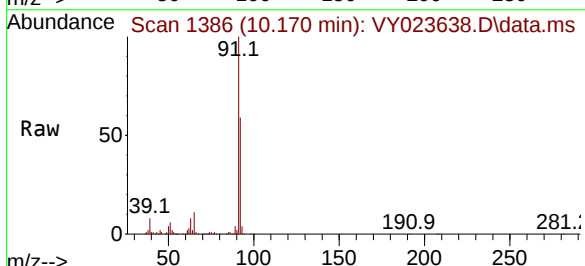
Acq: 31 Oct 2025 09:52

Tgt Ion: 92 Resp: 255988

Ion Ratio Lower Upper

92 100

91 170.6 136.4 204.6

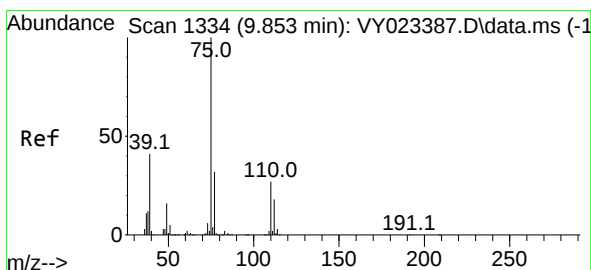
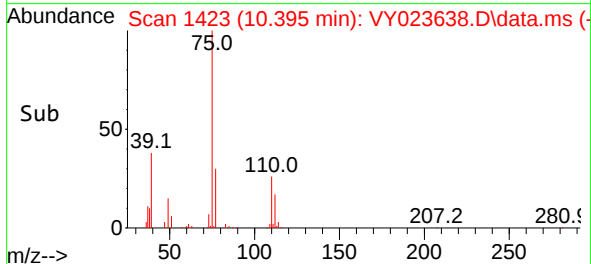
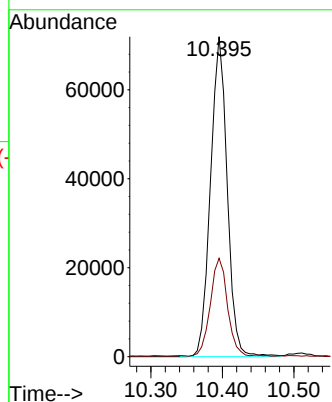
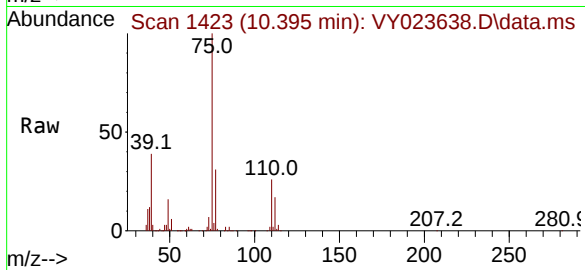




#53
 t-1,3-Dichloropropene
 Concen: 21.442 ug/l
 RT: 10.395 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY023638.D
 Acq: 31 Oct 2025 09:52

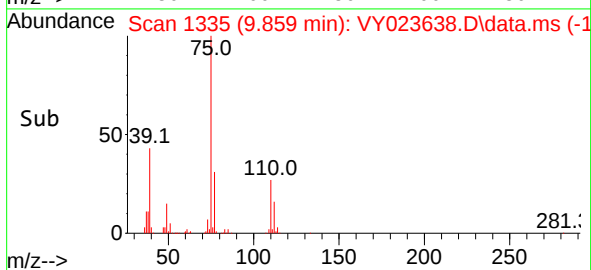
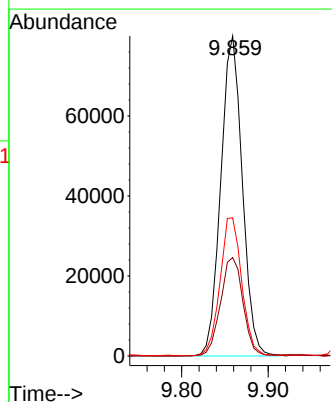
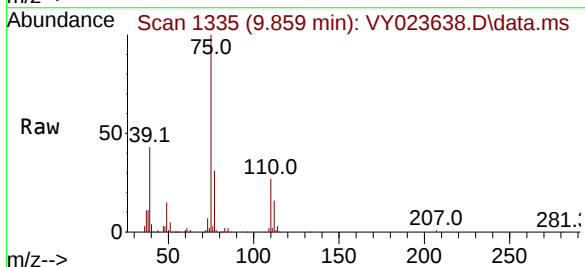
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1031SBS01

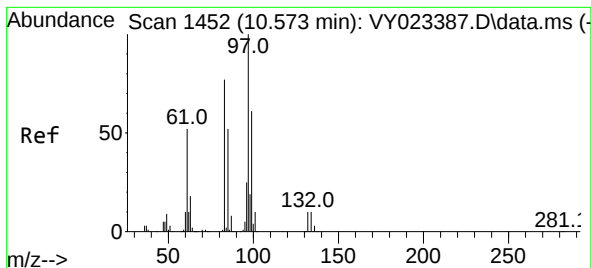
Tgt Ion: 75 Resp: 116639
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 21.489 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023638.D
 Acq: 31 Oct 2025 09:52

Tgt Ion: 75 Resp: 137966
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.4 38.0
 39 43.0 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 22.340 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY023638.D

Acq: 31 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBS01

Tgt Ion: 97 Resp: 74623

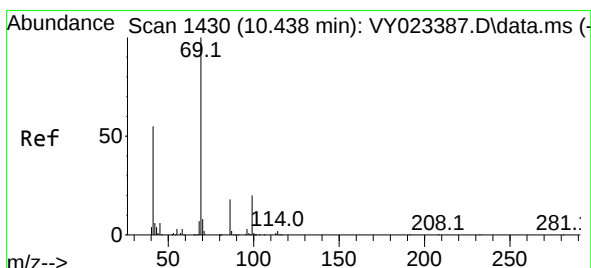
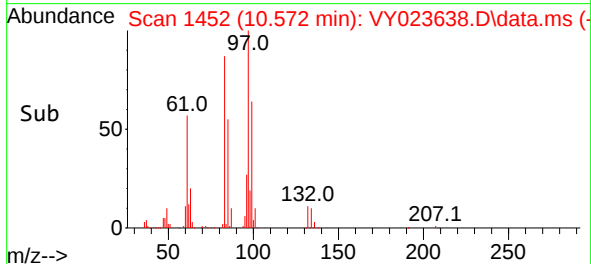
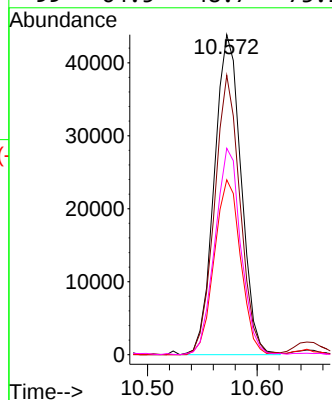
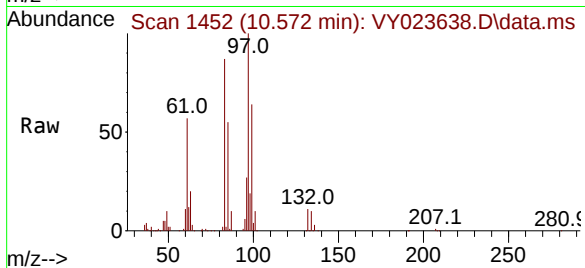
Ion Ratio Lower Upper

97 100

83 87.3 61.8 92.6

85 54.7 41.3 61.9

99 64.5 48.7 73.1



#56

Ethyl methacrylate

Concen: 19.911 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VY023638.D

Acq: 31 Oct 2025 09:52

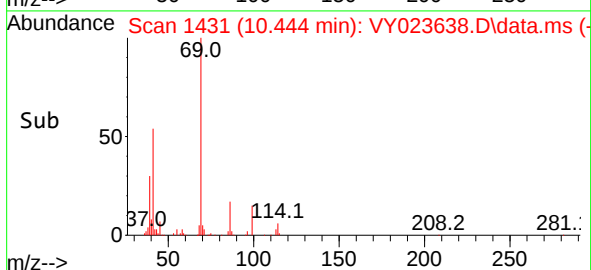
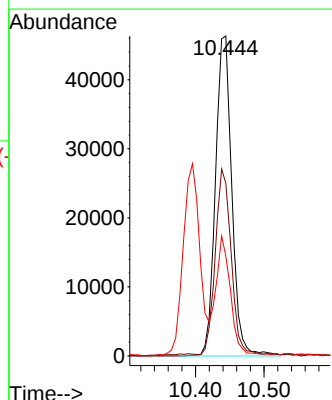
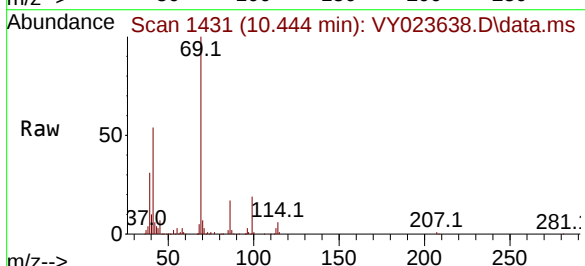
Tgt Ion: 69 Resp: 76719

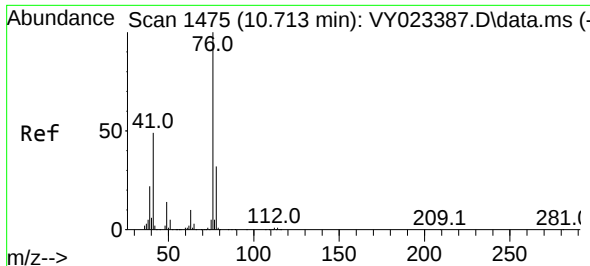
Ion Ratio Lower Upper

69 100

41 55.6 44.6 67.0

39 32.7 27.0 40.4





#57

1,3-Dichloropropane

Concen: 21.935 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023638.D

Acq: 31 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

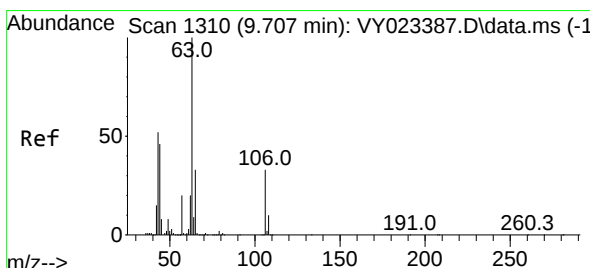
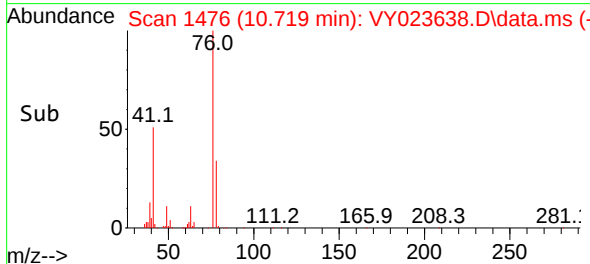
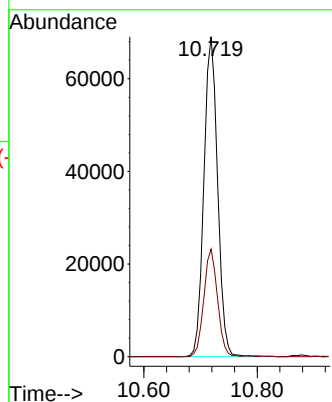
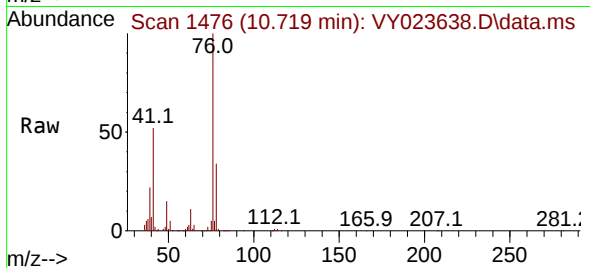
VY1031SBS01

Tgt Ion: 76 Resp: 116105

Ion Ratio Lower Upper

76 100

78 33.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 97.911 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023638.D

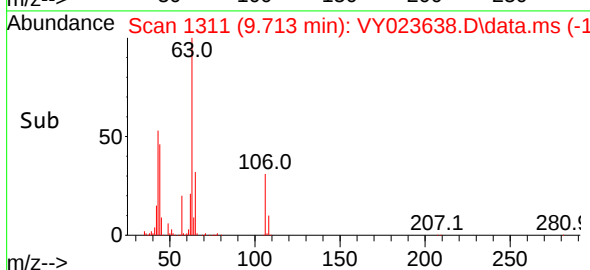
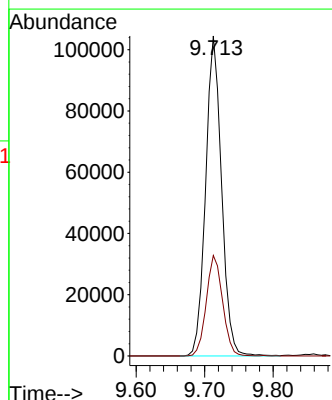
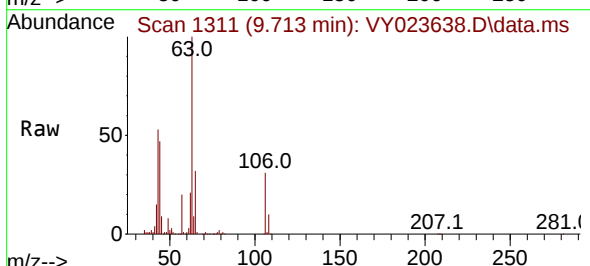
Acq: 31 Oct 2025 09:52

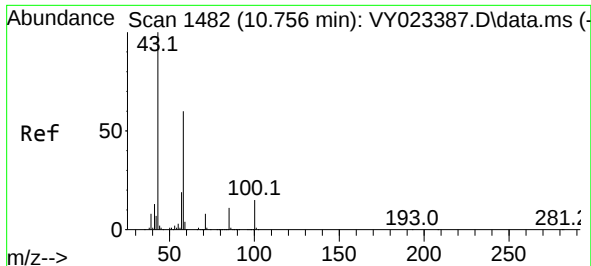
Tgt Ion: 63 Resp: 169006

Ion Ratio Lower Upper

63 100

106 32.1 26.6 39.8





#59

2-Hexanone

Concen: 118.083 ug/l

RT: 10.761 min Scan# 1482

Delta R.T. 0.006 min

Lab File: VY023638.D

Acq: 31 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

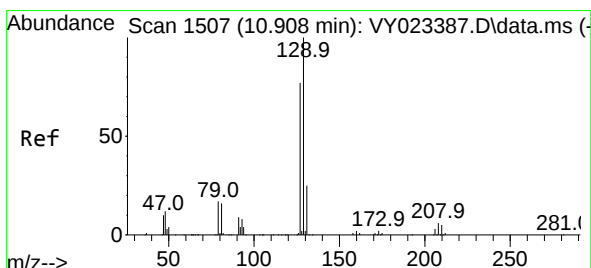
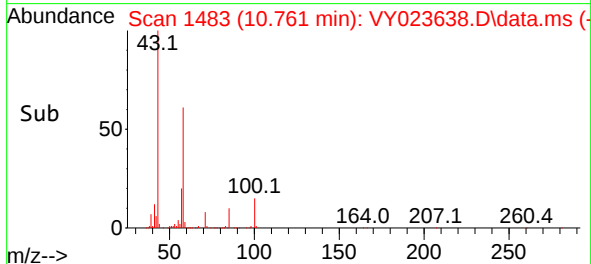
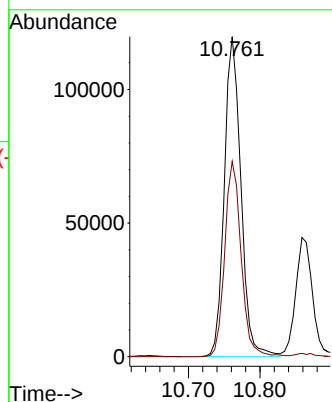
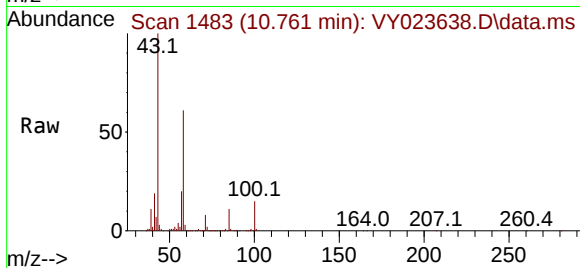
VY1031SBS01

Tgt Ion: 43 Resp: 193432

Ion Ratio Lower Upper

43 100

58 60.4 30.5 91.5



#60

Dibromochloromethane

Concen: 21.559 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.006 min

Lab File: VY023638.D

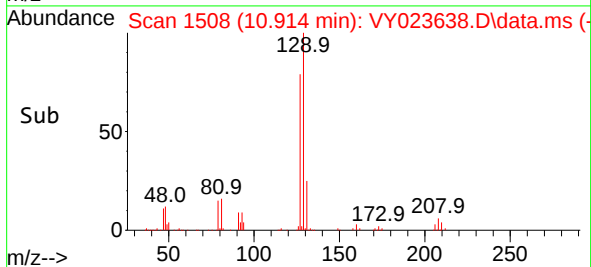
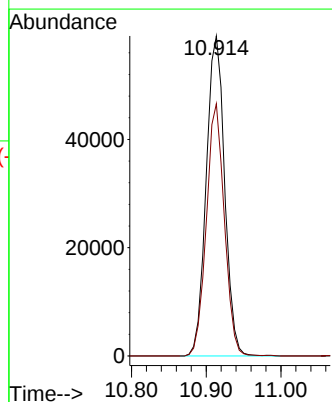
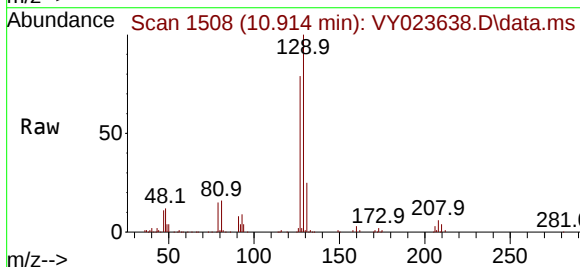
Acq: 31 Oct 2025 09:52

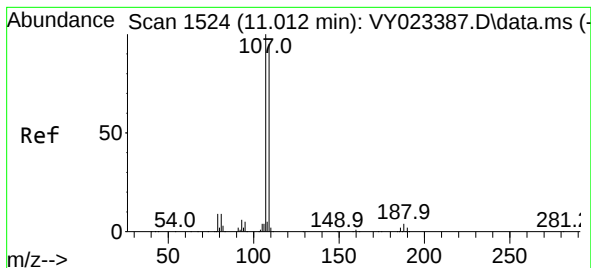
Tgt Ion: 129 Resp: 100967

Ion Ratio Lower Upper

129 100

127 77.1 38.6 115.7

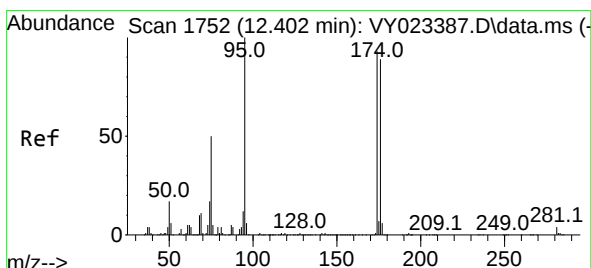
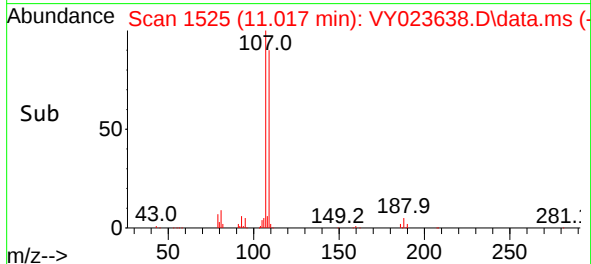
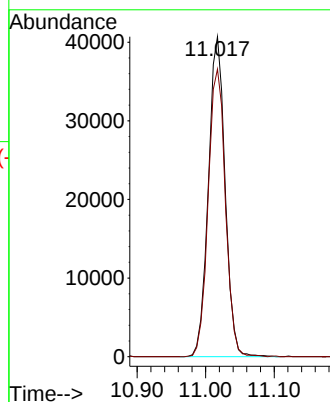
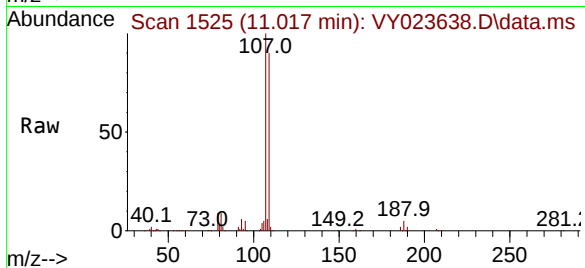




#61
1,2-Dibromoethane
Concen: 21.668 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

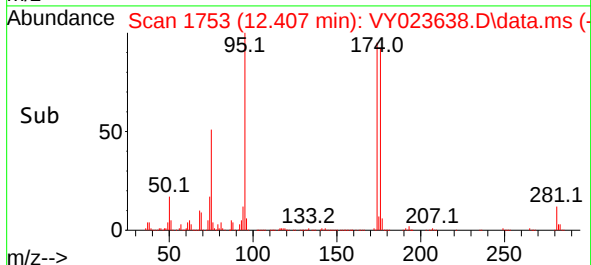
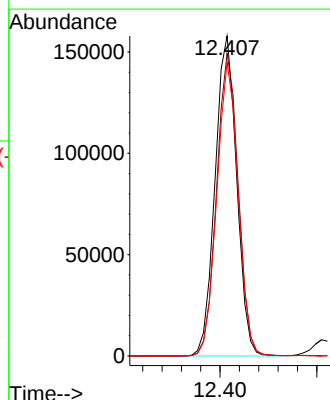
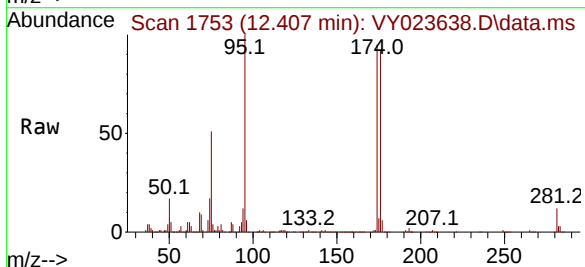
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

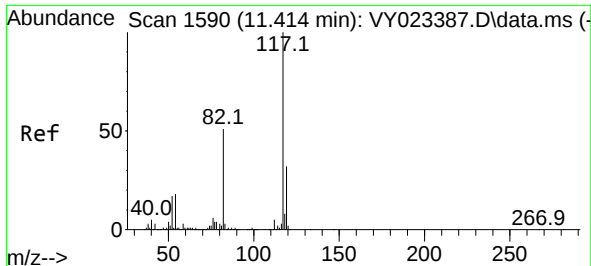
Tgt Ion:107 Resp: 69028
Ion Ratio Lower Upper
107 100
109 92.7 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 46.877 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

Tgt Ion: 95 Resp: 244490
Ion Ratio Lower Upper
95 100
174 94.5 0.0 192.8
176 90.7 0.0 187.6

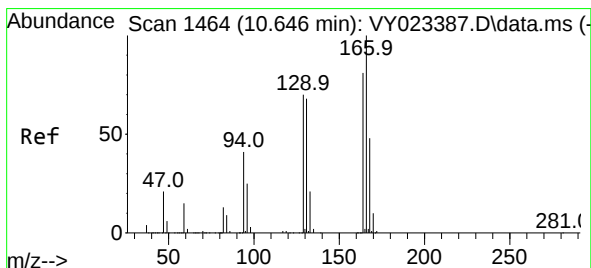
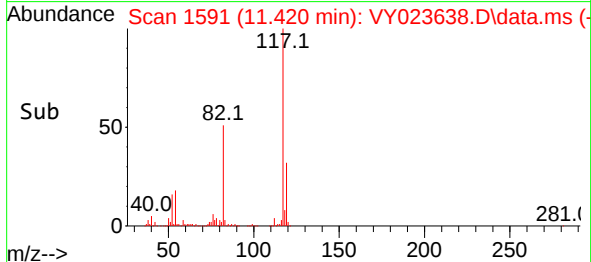
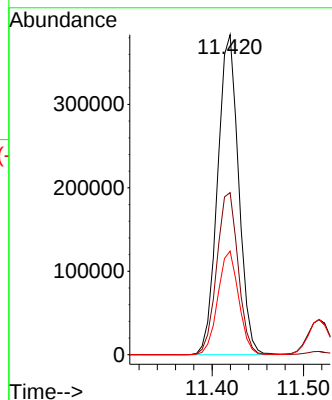
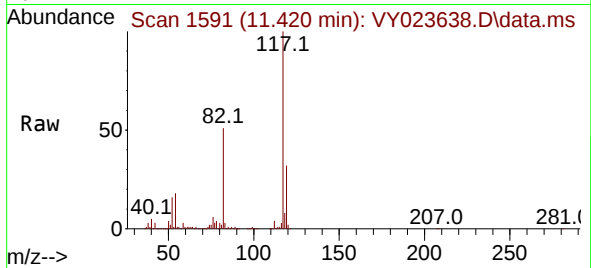




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

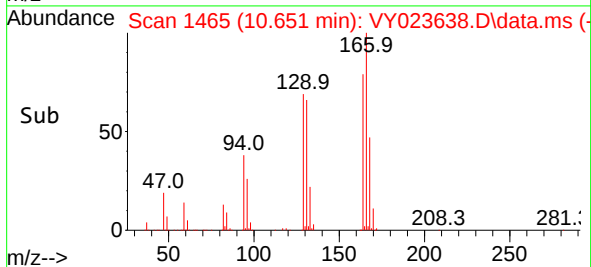
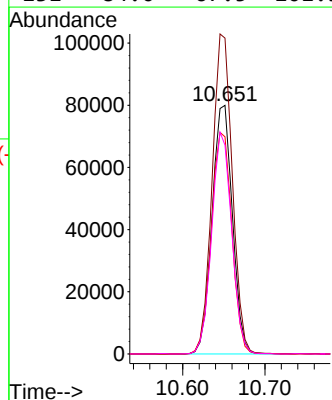
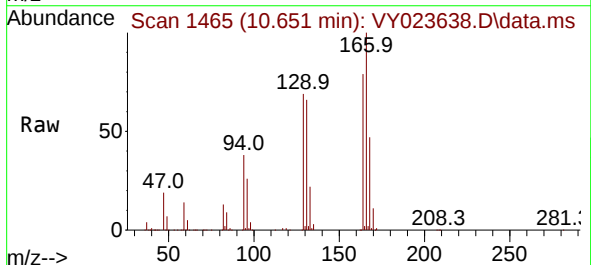
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

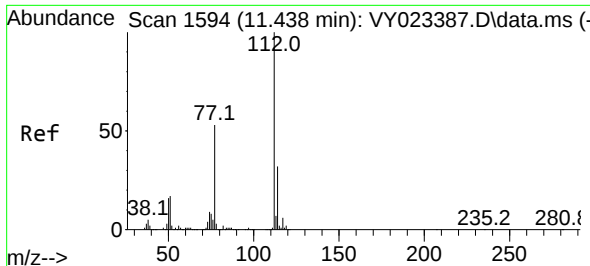
Tgt Ion:117 Resp: 612649
Ion Ratio Lower Upper
117 100
82 50.7 41.0 61.4
119 32.4 25.6 38.4



#64
Tetrachloroethene
Concen: 21.790 ug/l
RT: 10.651 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

Tgt Ion:164 Resp: 137838
Ion Ratio Lower Upper
164 100
166 127.0 99.4 149.0
129 87.3 69.4 104.2
131 84.0 67.5 101.3

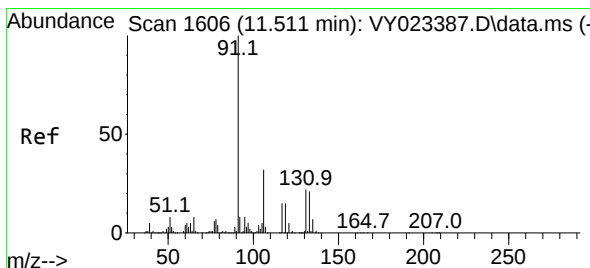
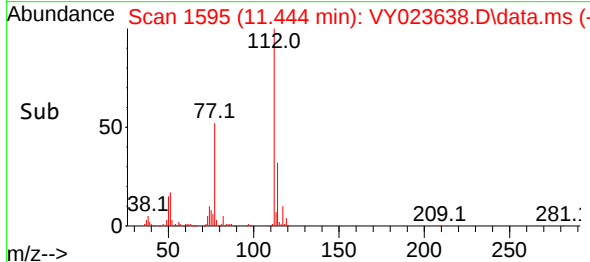
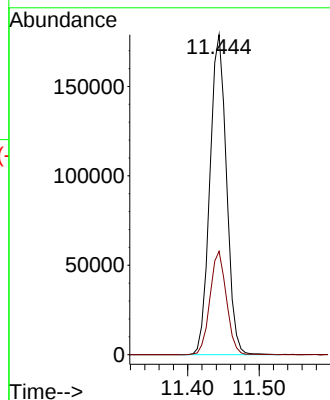
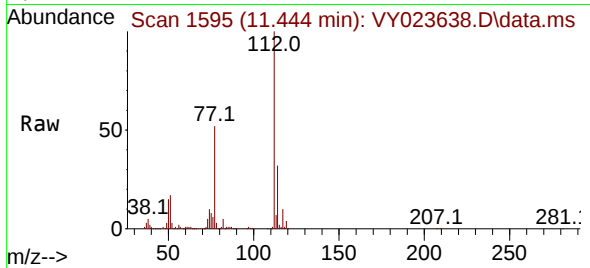




#65
Chlorobenzene
Concen: 21.652 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

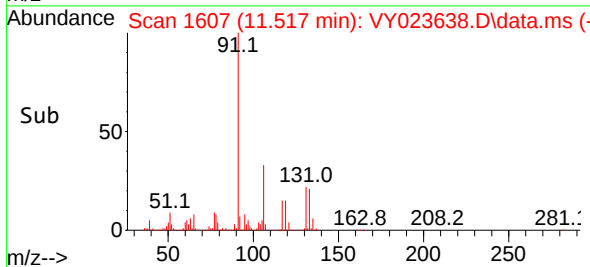
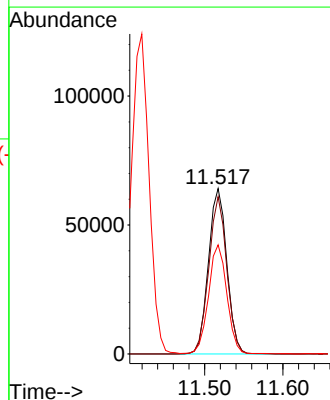
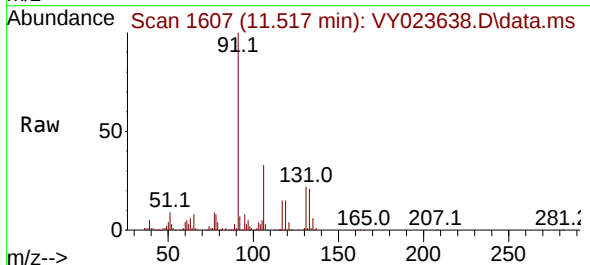
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

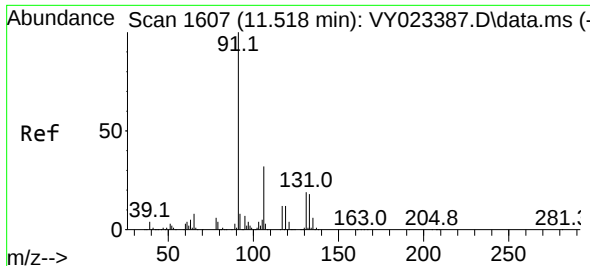
Tgt Ion:112 Resp: 288514
Ion Ratio Lower Upper
112 100
114 32.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.961 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

Tgt Ion:131 Resp: 104277
Ion Ratio Lower Upper
131 100
133 94.0 48.4 145.2
119 65.8 32.4 97.2





#67

Ethyl Benzene

Concen: 21.365 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023638.D

Acq: 31 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

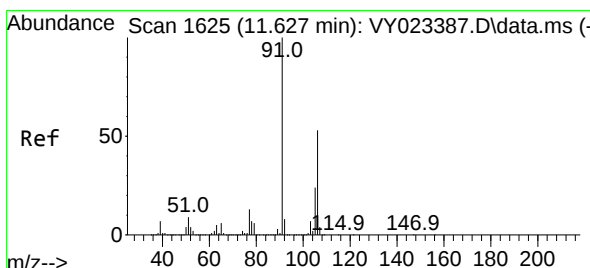
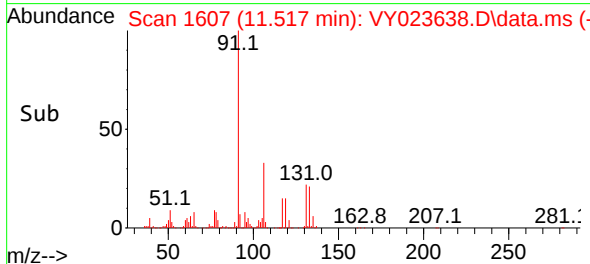
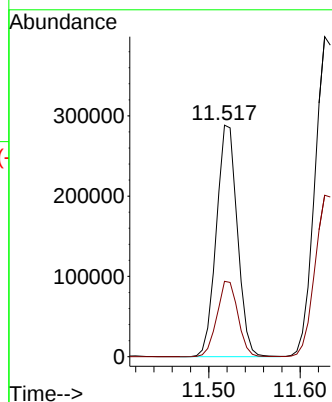
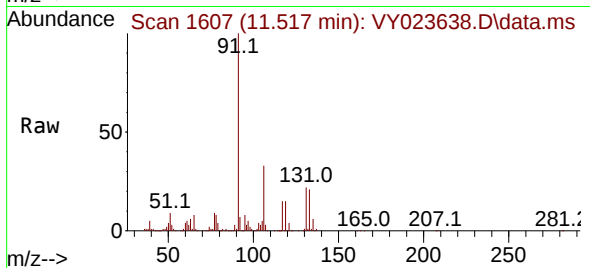
VY1031SBS01

Tgt Ion: 91 Resp: 460808

Ion Ratio Lower Upper

91 100

106 32.6 25.8 38.8



#68

m/p-Xylenes

Concen: 43.041 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY023638.D

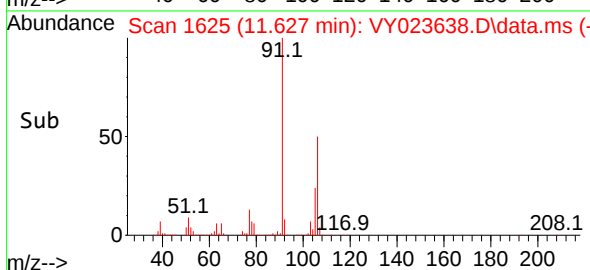
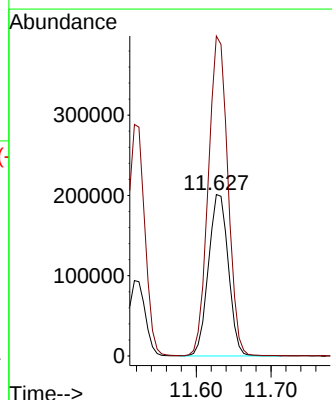
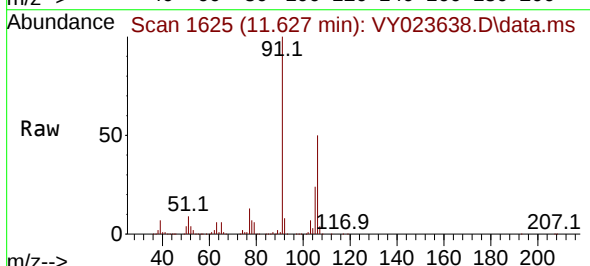
Acq: 31 Oct 2025 09:52

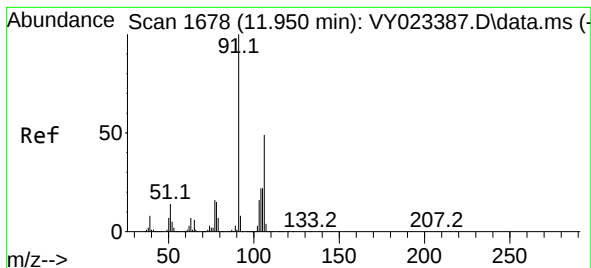
Tgt Ion:106 Resp: 372354

Ion Ratio Lower Upper

106 100

91 195.2 152.6 229.0





#69

o-Xylene

Concen: 20.983 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023638.D

Acq: 31 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

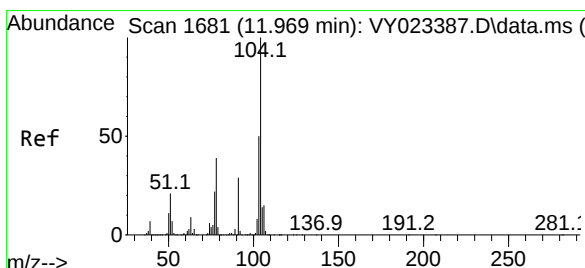
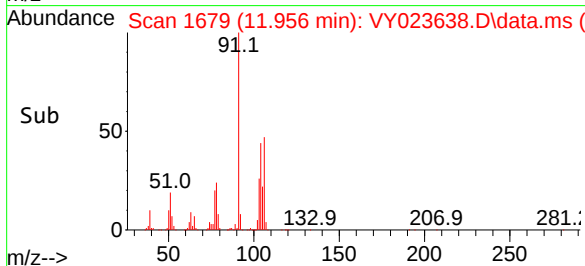
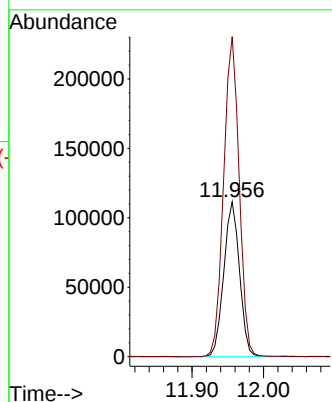
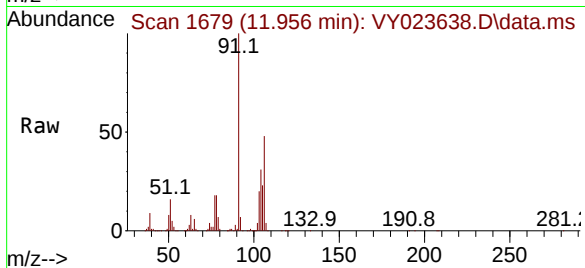
VY1031SBS01

Tgt Ion:106 Resp: 170265

Ion Ratio Lower Upper

106 100

91 204.5 101.4 304.1



#70

Styrene

Concen: 21.205 ug/l

RT: 11.968 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY023638.D

Acq: 31 Oct 2025 09:52

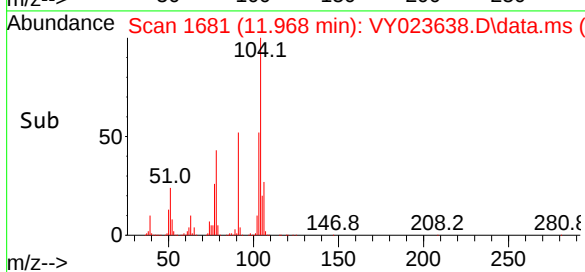
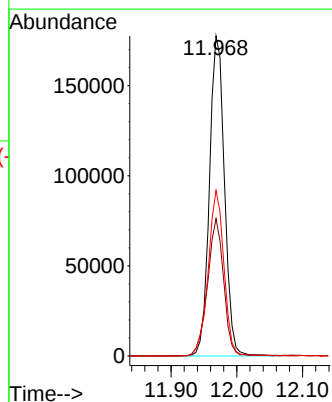
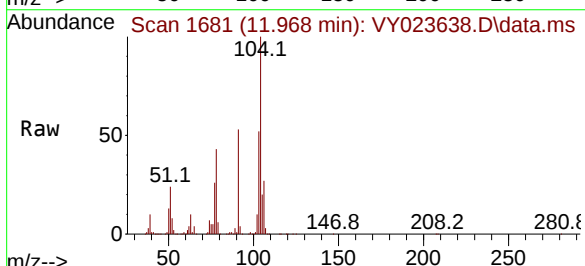
Tgt Ion:104 Resp: 282962

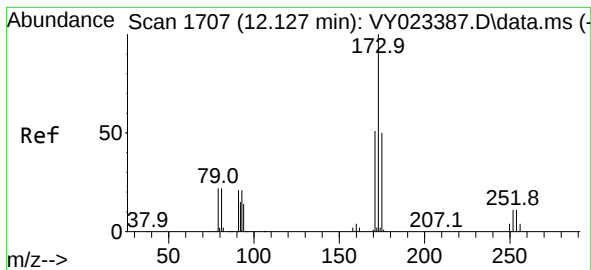
Ion Ratio Lower Upper

104 100

78 45.8 36.1 54.1

103 54.3 43.2 64.8





#71

Bromoform

Concen: 20.629 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023638.D

Acq: 31 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBS01

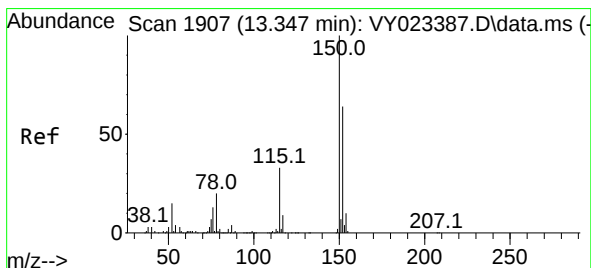
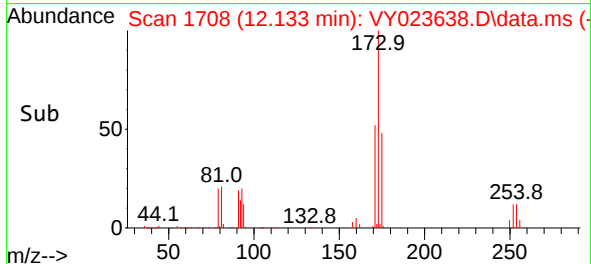
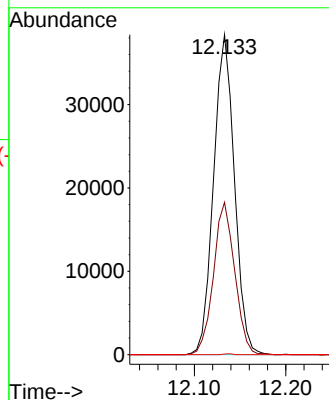
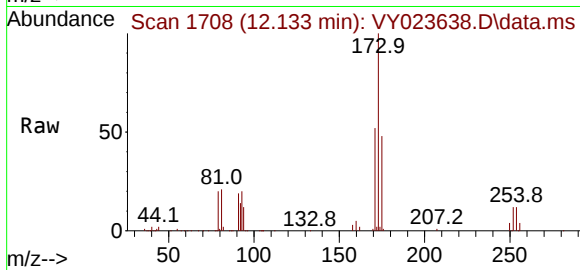
Tgt Ion:173 Resp: 60761

Ion Ratio Lower Upper

173 100

175 48.6 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: VY023638.D

Acq: 31 Oct 2025 09:52

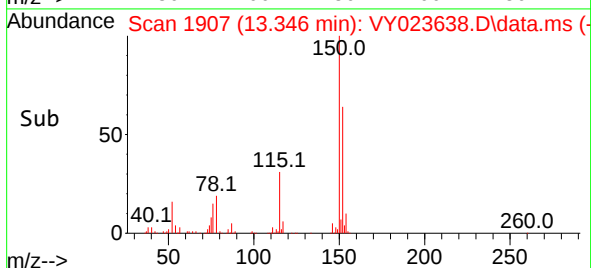
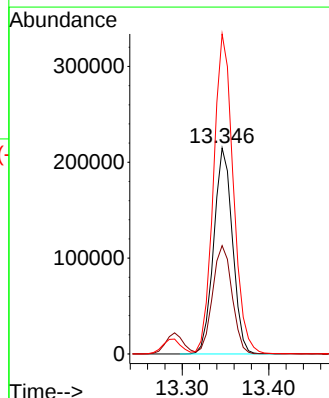
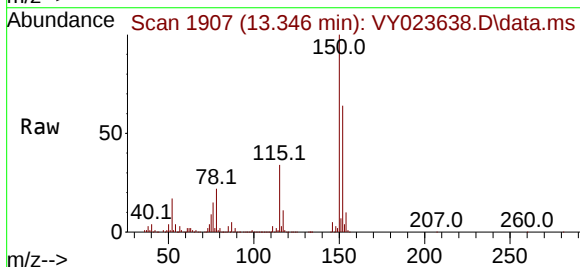
Tgt Ion:152 Resp: 323331

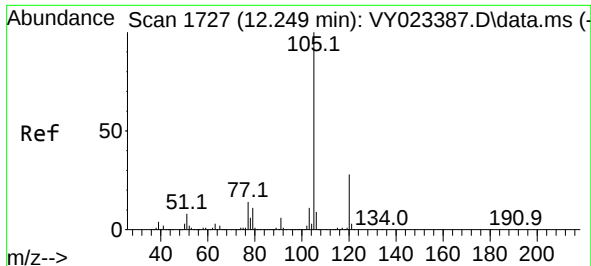
Ion Ratio Lower Upper

152 100

115 54.6 27.1 81.2

150 164.1 0.0 347.4

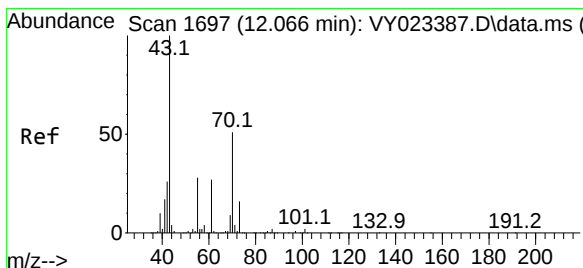
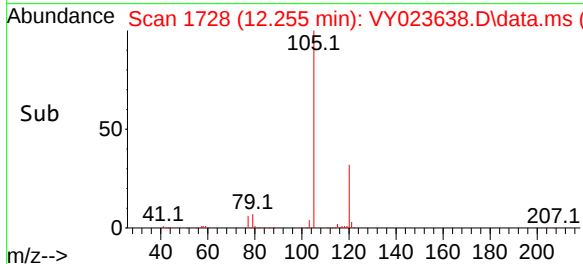
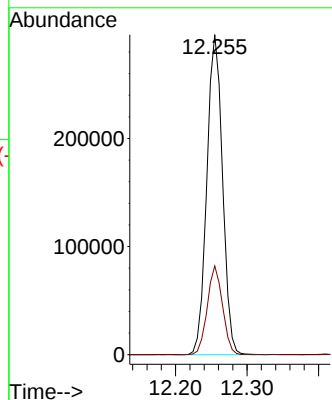
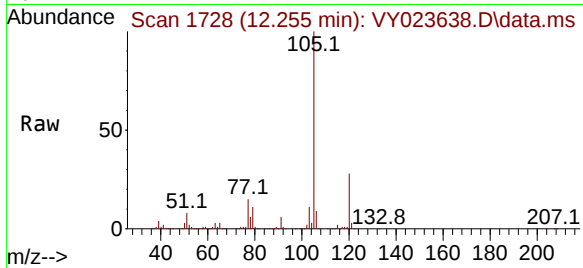




#73
Isopropylbenzene
Concen: 21.139 ug/l
RT: 12.255 min Scan# 1727
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

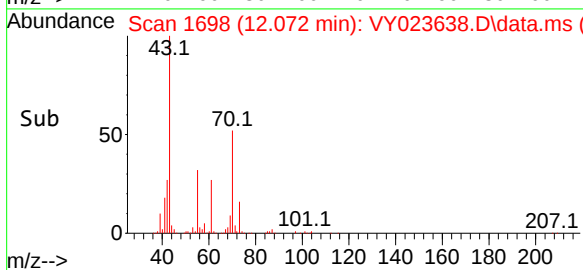
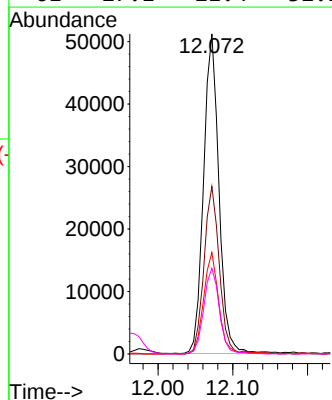
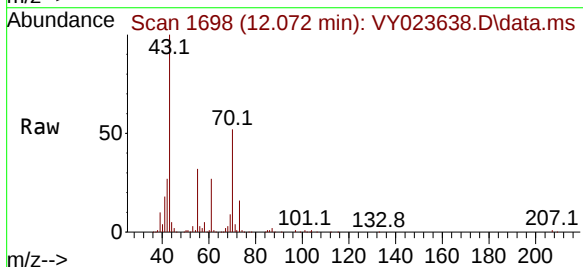
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

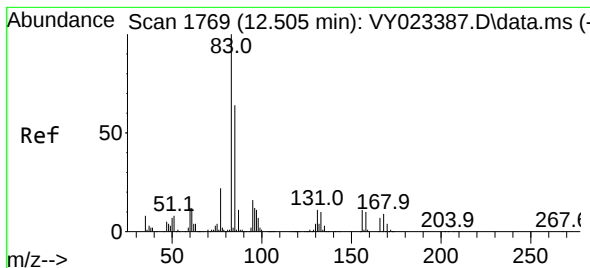
Tgt Ion:105 Resp: 450424
Ion Ratio Lower Upper
105 100
120 27.0 13.9 41.7



#74
N-ethyl acetate
Concen: 19.116 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

Tgt Ion: 43 Resp: 73162
Ion Ratio Lower Upper
43 100
70 52.2 41.1 61.7
55 31.5 23.0 34.6
61 27.1 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.593 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY023638.D

Acq: 31 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBS01

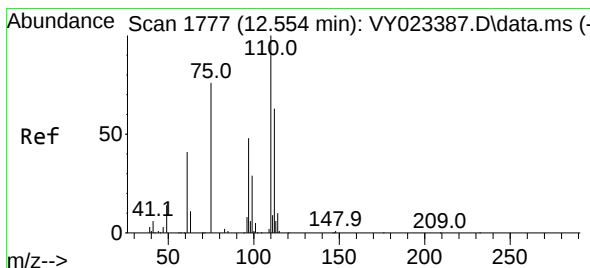
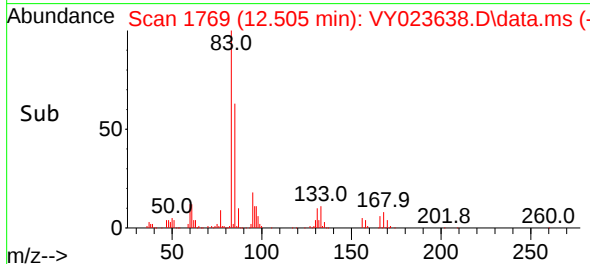
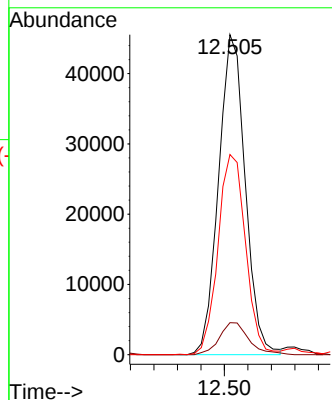
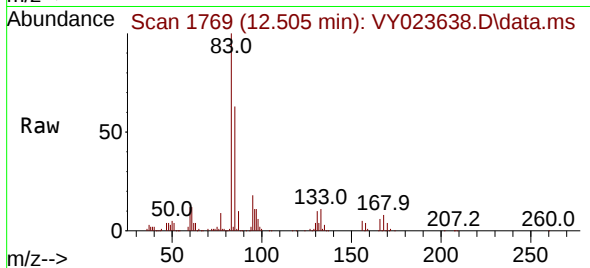
Tgt Ion: 83 Resp: 71768

Ion Ratio Lower Upper

83 100

131 11.0 5.9 17.6

85 64.8 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 33.704 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY023638.D

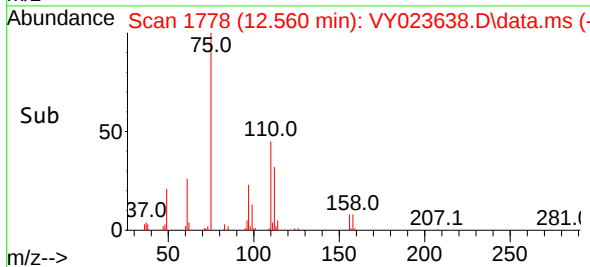
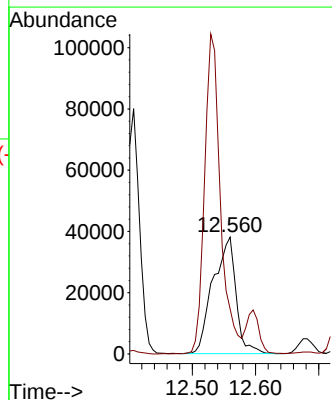
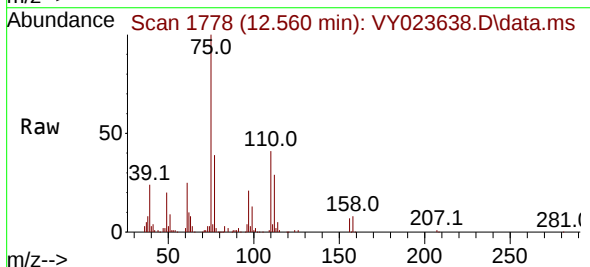
Acq: 31 Oct 2025 09:52

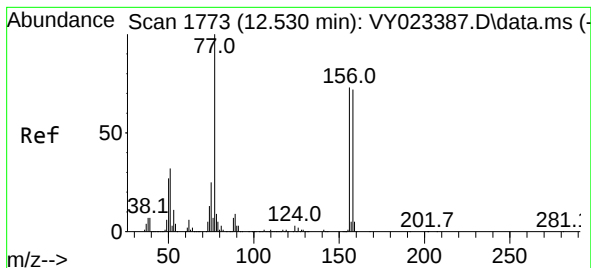
Tgt Ion: 75 Resp: 96145

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.915 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023638.D

Acq: 31 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBS01

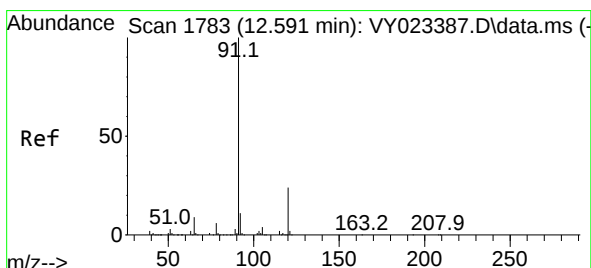
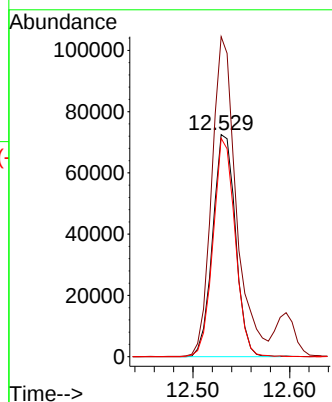
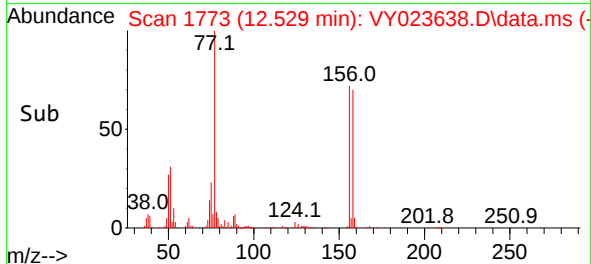
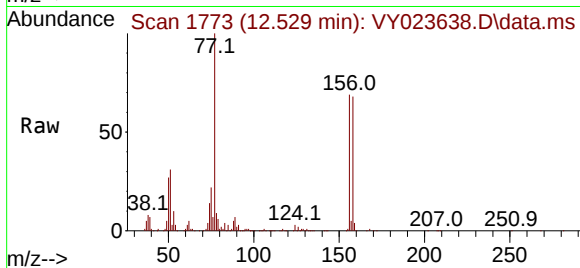
Tgt Ion:156 Resp: 118477

Ion Ratio Lower Upper

156 100

77 155.2 76.8 230.5

158 95.1 49.0 147.2



#78

n-propylbenzene

Concen: 21.735 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023638.D

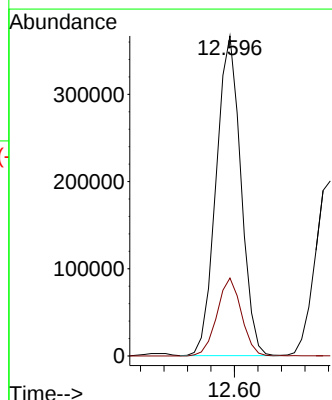
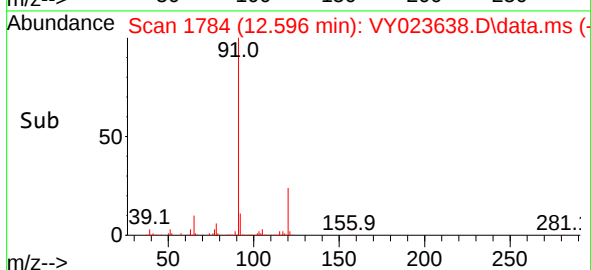
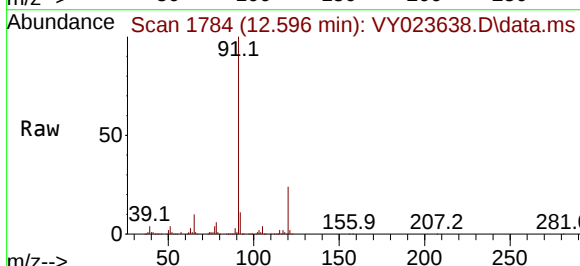
Acq: 31 Oct 2025 09:52

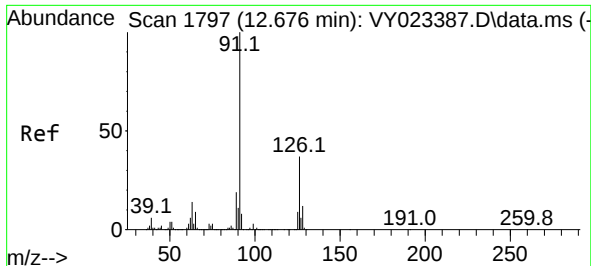
Tgt Ion: 91 Resp: 535939

Ion Ratio Lower Upper

91 100

120 24.0 12.3 36.8





#79

2-Chlorotoluene

Concen: 21.679 ug/l

RT: 12.682 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023638.D

Acq: 31 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

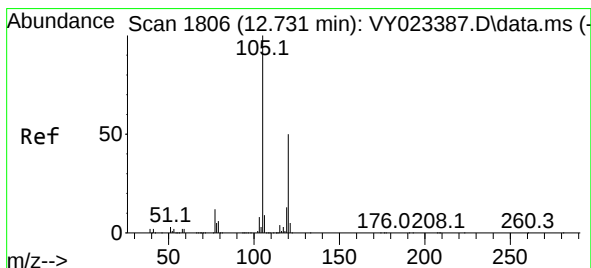
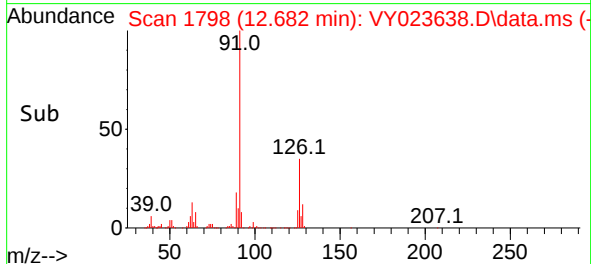
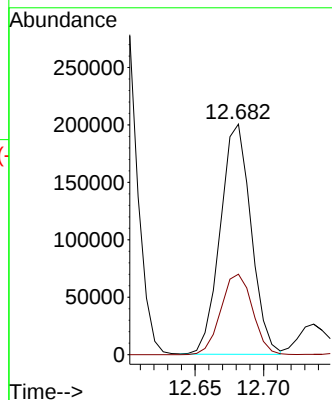
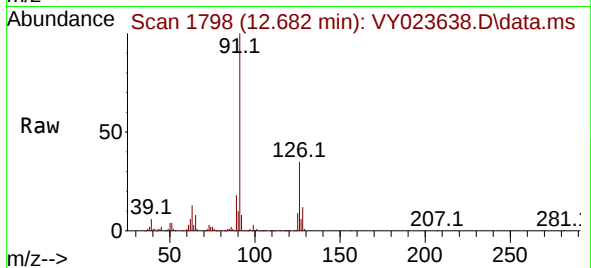
VY1031SBS01

Tgt Ion: 91 Resp: 313032

Ion Ratio Lower Upper

91 100

126 36.0 18.5 55.5



#80

1,3,5-Trimethylbenzene

Concen: 21.517 ug/l

RT: 12.736 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VY023638.D

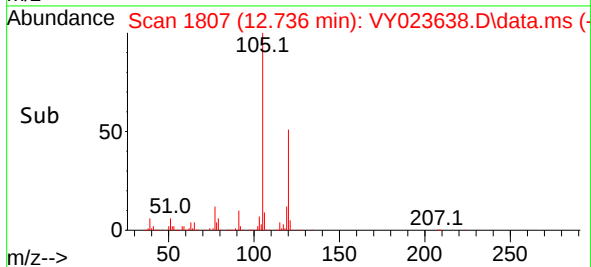
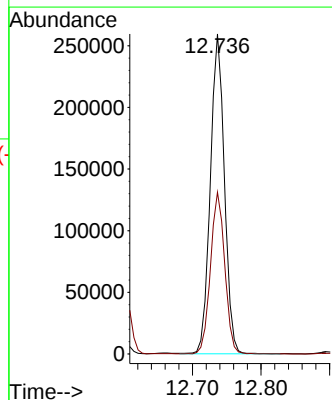
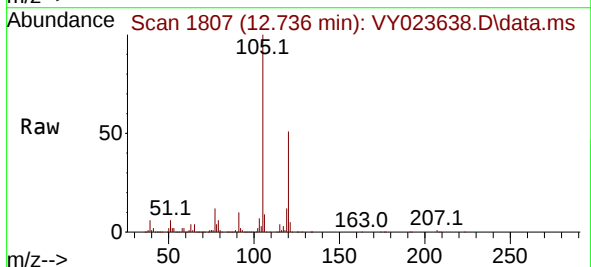
Acq: 31 Oct 2025 09:52

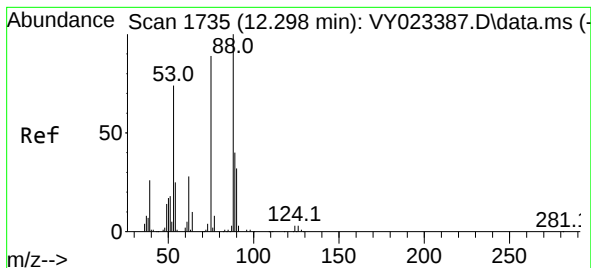
Tgt Ion: 105 Resp: 370493

Ion Ratio Lower Upper

105 100

120 51.4 25.4 76.4

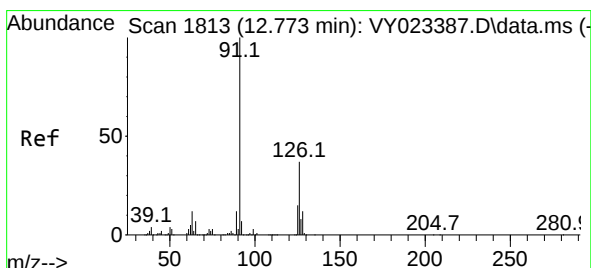
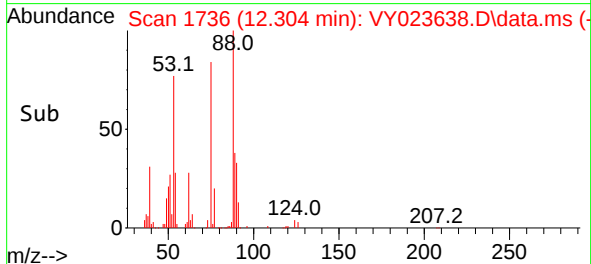
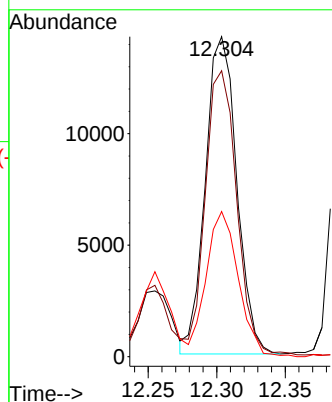
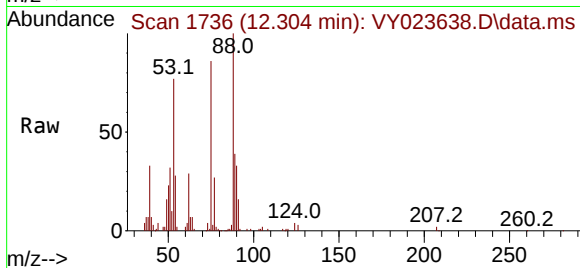




#81
trans-1,4-Dichloro-2-butene
Concen: 19.482 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

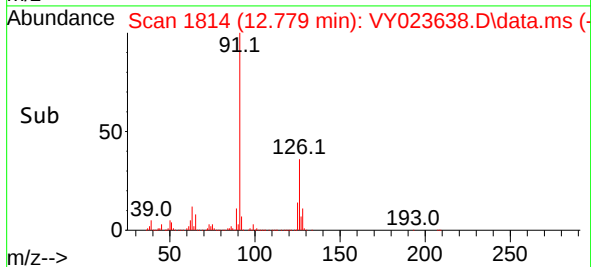
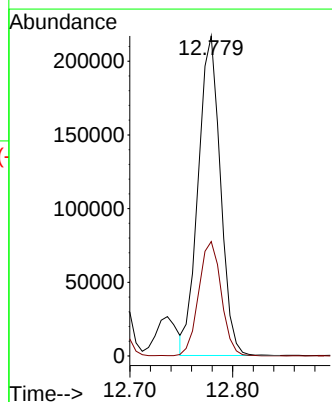
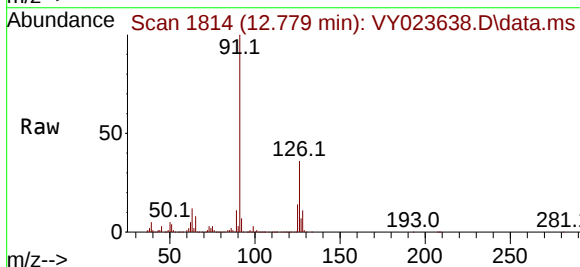
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

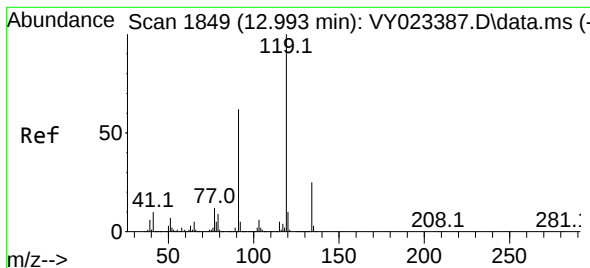
Tgt Ion: 75 Resp: 22664
Ion Ratio Lower Upper
75 100
53 90.8 68.6 102.8
89 46.8 39.0 58.4



#82
4-Chlorotoluene
Concen: 21.944 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

Tgt Ion: 91 Resp: 326325
Ion Ratio Lower Upper
91 100
126 36.6 18.4 55.4





#83

tert-Butylbenzene

Concen: 20.834 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023638.D

Acq: 31 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBS01

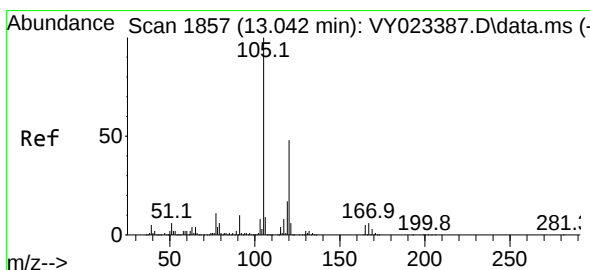
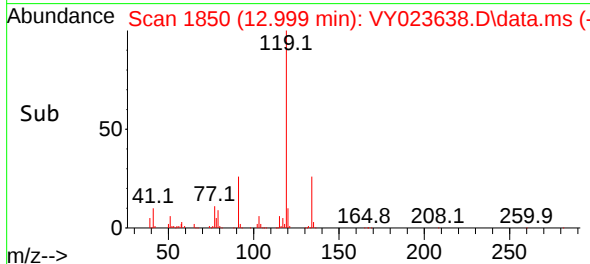
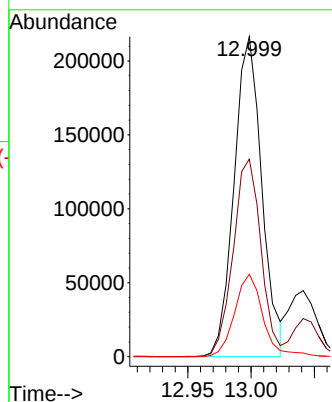
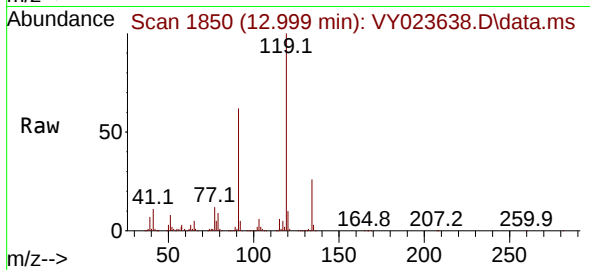
Tgt Ion:119 Resp: 331211

Ion Ratio Lower Upper

119 100

91 61.7 29.9 89.8

134 26.3 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 21.815 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY023638.D

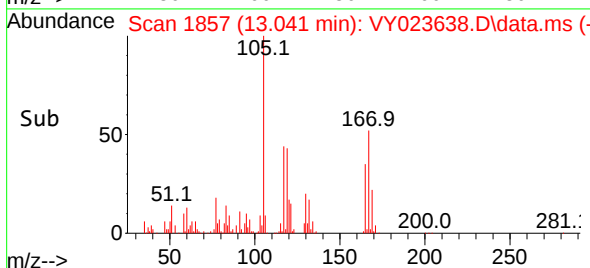
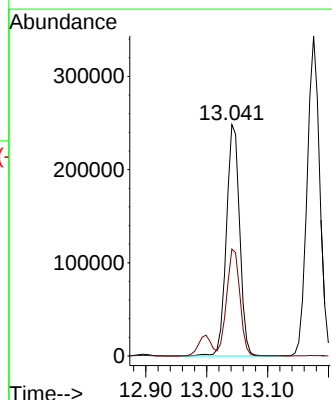
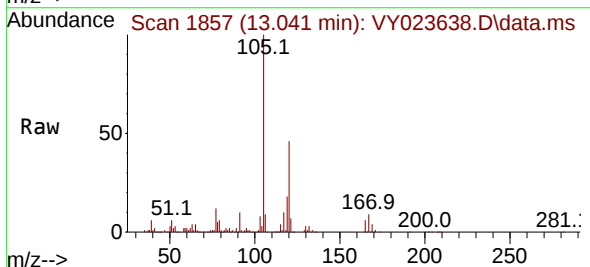
Acq: 31 Oct 2025 09:52

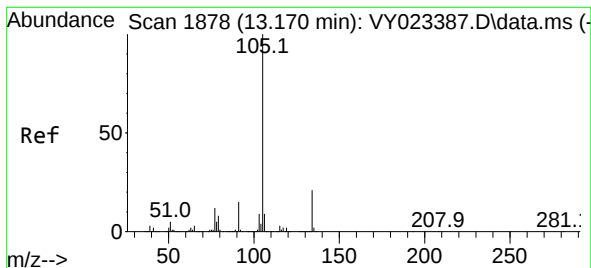
Tgt Ion:105 Resp: 374862

Ion Ratio Lower Upper

105 100

120 45.9 23.8 71.2





#85

sec-Butylbenzene

Concen: 21.586 ug/l

RT: 13.175 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023638.D

Acq: 31 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

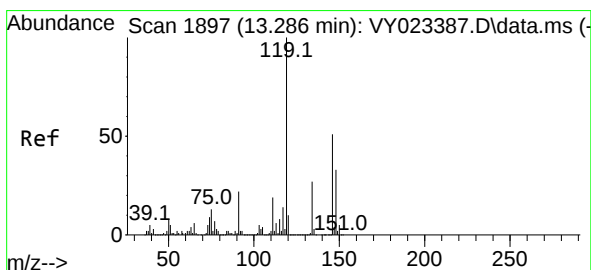
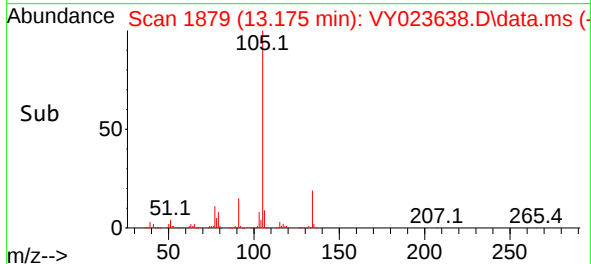
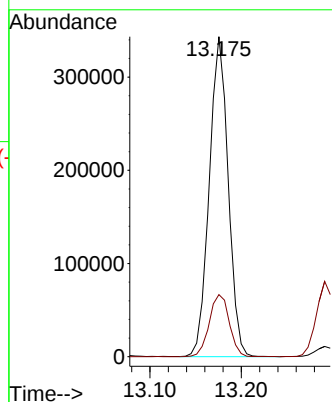
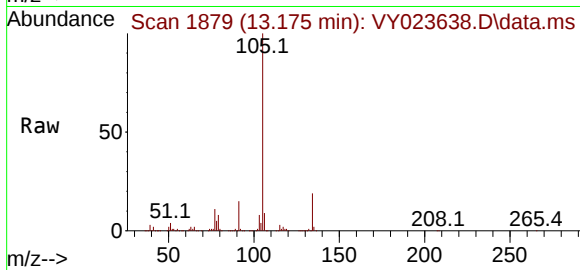
VY1031SBS01

Tgt Ion:105 Resp: 492285

Ion Ratio Lower Upper

105 100

134 20.6 10.7 32.1



#86

p-Isopropyltoluene

Concen: 21.417 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023638.D

Acq: 31 Oct 2025 09:52

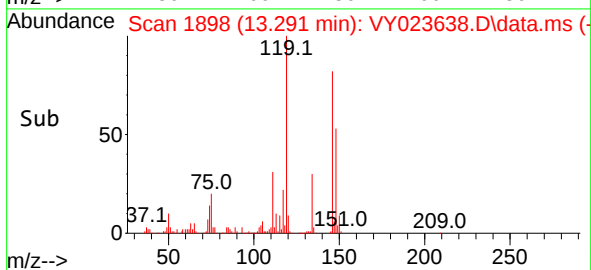
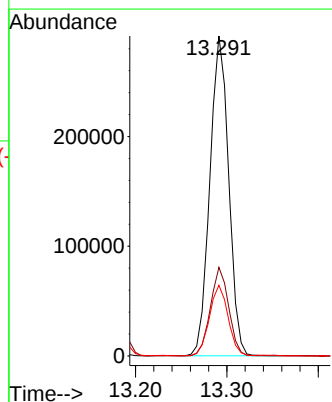
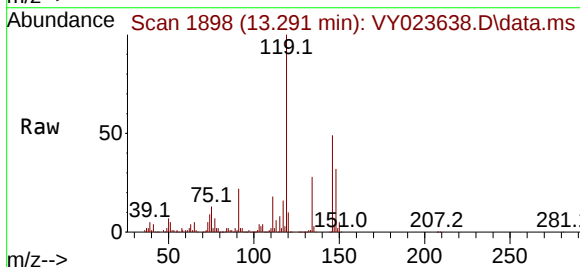
Tgt Ion:119 Resp: 415848

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.7

91 21.8 10.9 32.9

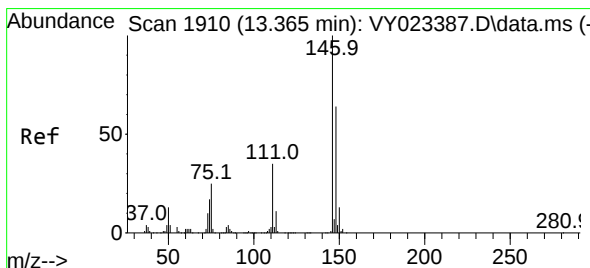
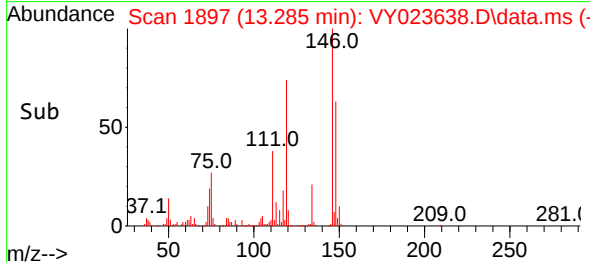
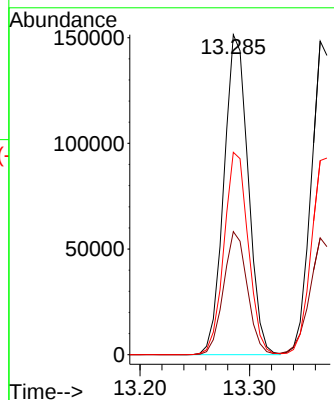
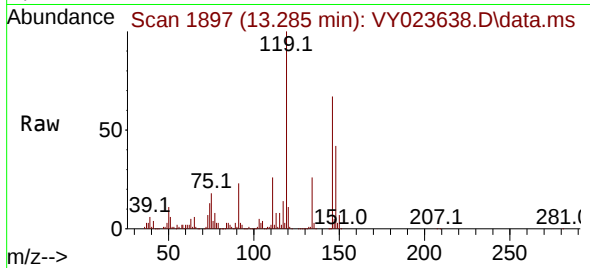




#87
1,3-Dichlorobenzene
Concen: 21.092 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

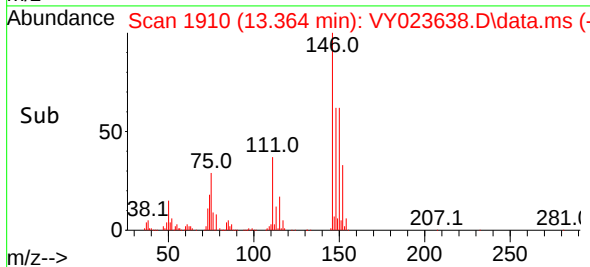
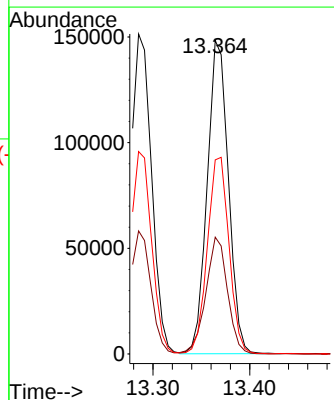
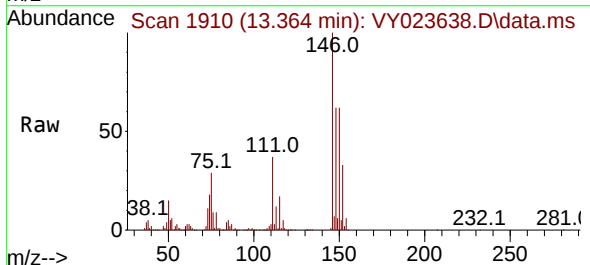
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

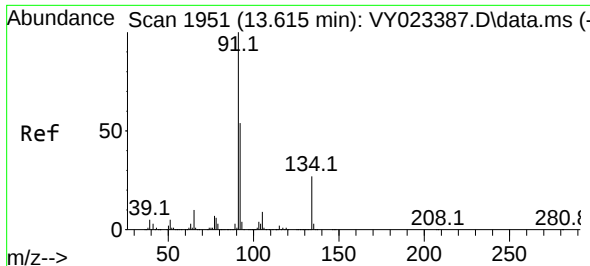
Tgt Ion:146 Resp: 232670
Ion Ratio Lower Upper
146 100
111 37.7 18.7 56.1
148 63.2 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 20.761 ug/l
RT: 13.364 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

Tgt Ion:146 Resp: 226181
Ion Ratio Lower Upper
146 100
111 38.0 18.0 54.0
148 64.0 31.9 95.7

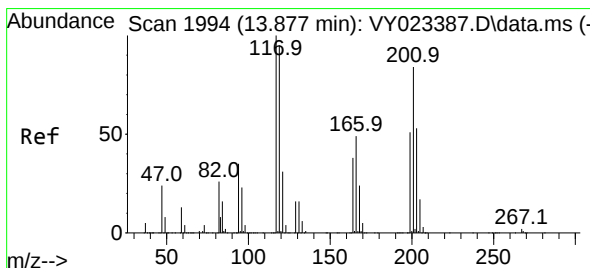
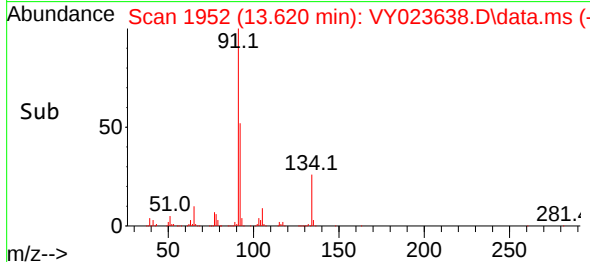
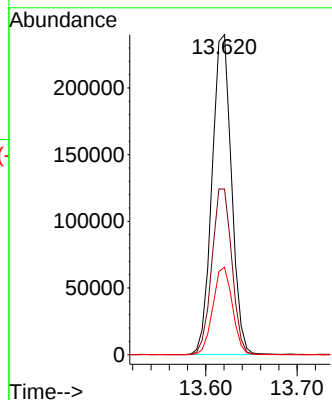
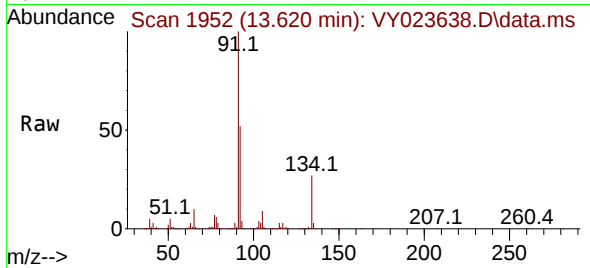




#89
n-Butylbenzene
Concen: 21.038 ug/l
RT: 13.620 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

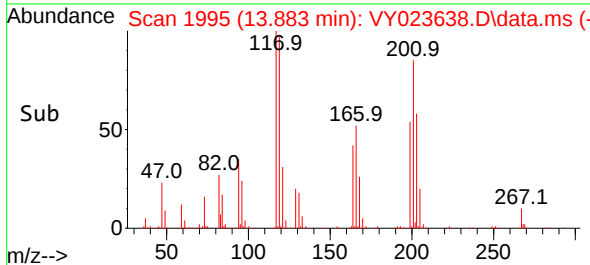
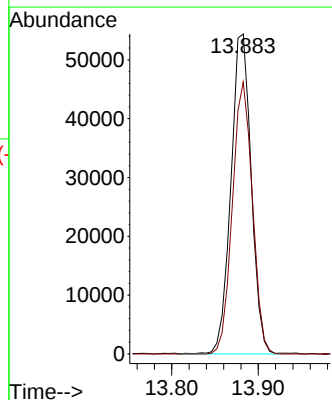
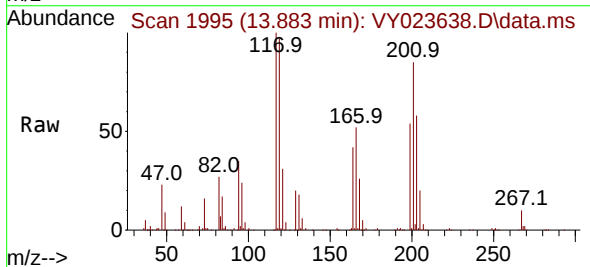
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

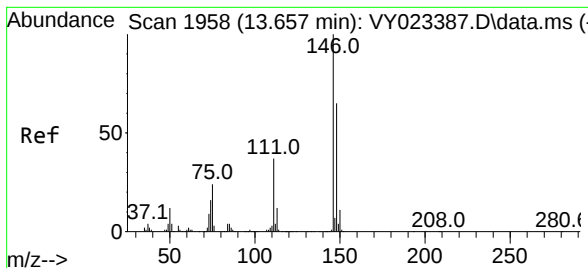
Tgt Ion: 91 Resp: 355932
Ion Ratio Lower Upper
91 100
92 53.4 27.0 80.8
134 27.4 14.1 42.2



#90
Hexachloroethane
Concen: 21.211 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY023638.D
Acq: 31 Oct 2025 09:52

Tgt Ion: 117 Resp: 88584
Ion Ratio Lower Upper
117 100
201 83.6 43.8 131.4





#91

1,2-Dichlorobenzene

Concen: 20.748 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY023638.D

Acq: 31 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBS01

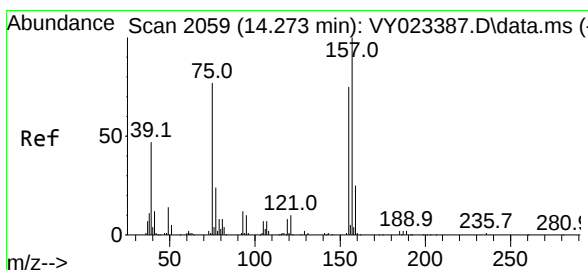
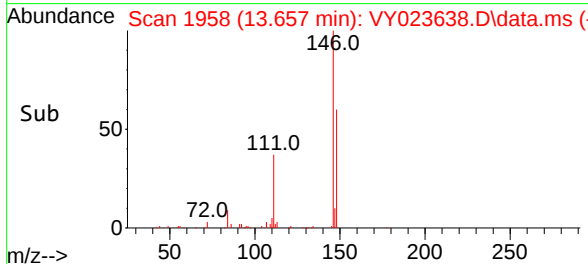
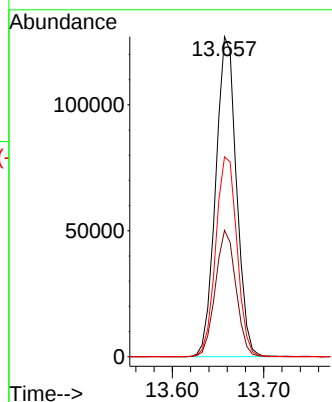
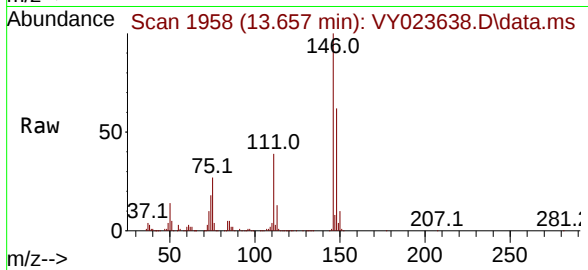
Tgt Ion:146 Resp: 200653

Ion Ratio Lower Upper

146 100

111 39.1 19.0 57.0

148 64.0 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.605 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY023638.D

Acq: 31 Oct 2025 09:52

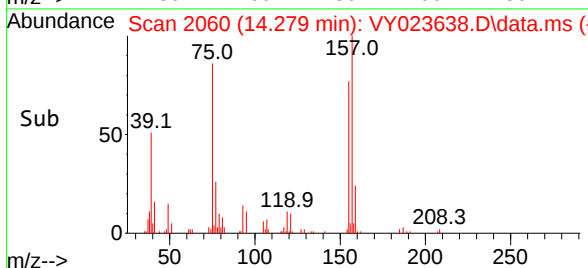
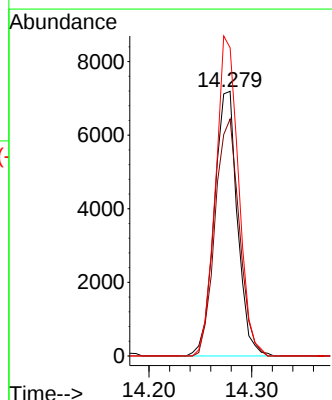
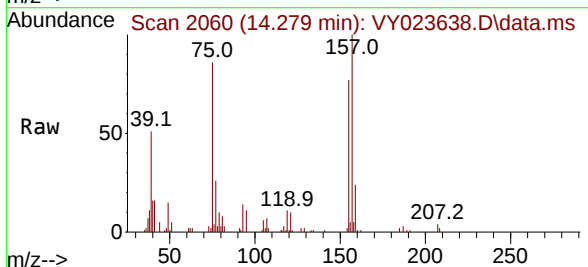
Tgt Ion: 75 Resp: 11211

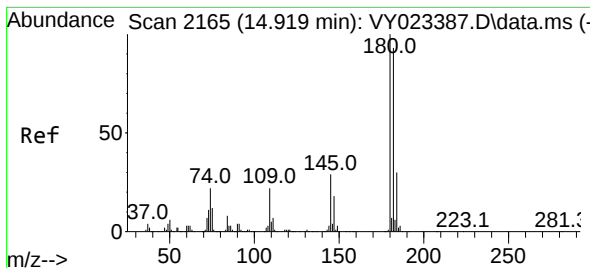
Ion Ratio Lower Upper

75 100

155 93.7 50.0 150.0

157 120.2 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 19.370 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023638.D

Acq: 31 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBS01

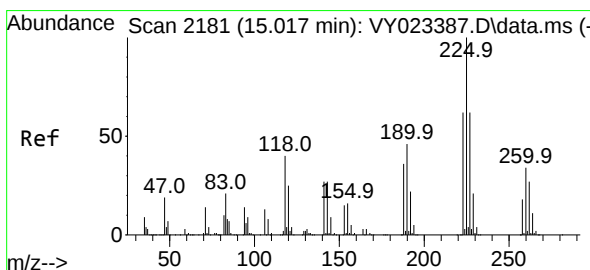
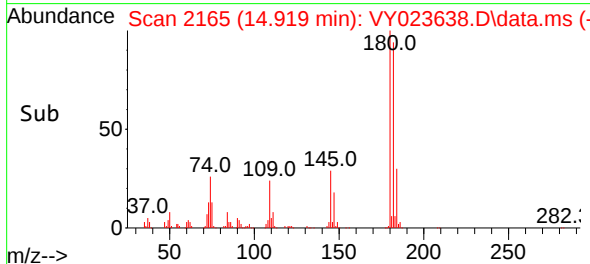
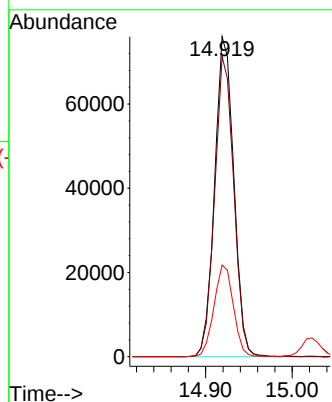
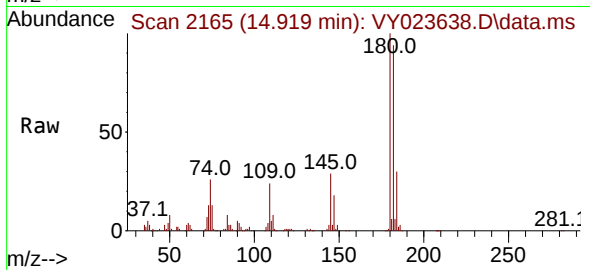
Tgt Ion:180 Resp: 116786

Ion Ratio Lower Upper

180 100

182 93.4 47.9 143.6

145 29.0 14.7 44.1



#94

Hexachlorobutadiene

Concen: 20.405 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023638.D

Acq: 31 Oct 2025 09:52

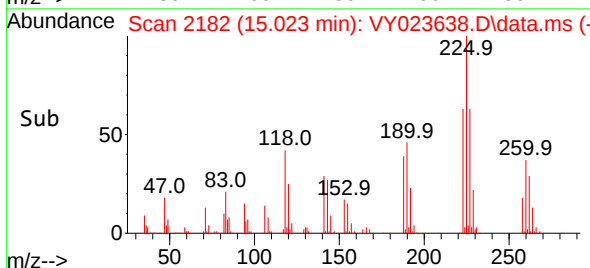
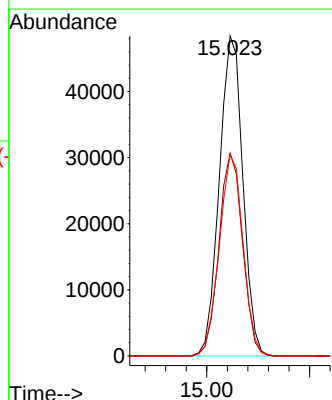
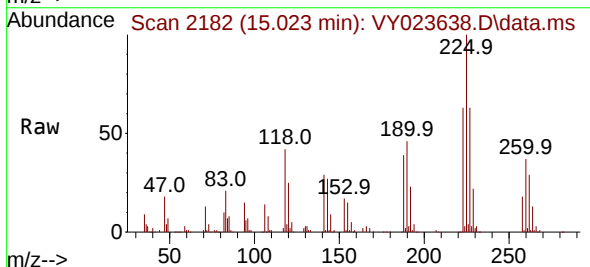
Tgt Ion:225 Resp: 76689

Ion Ratio Lower Upper

225 100

223 63.4 30.8 92.3

227 63.6 31.9 95.7





#95

Naphthalene

Concen: 17.093 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023638.D

Acq: 31 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBS01

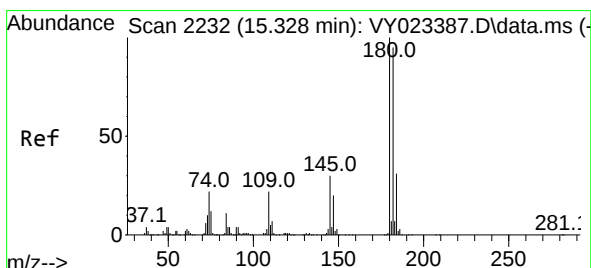
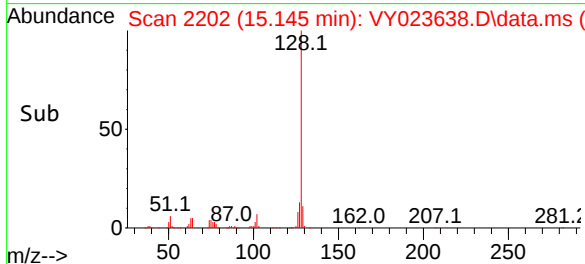
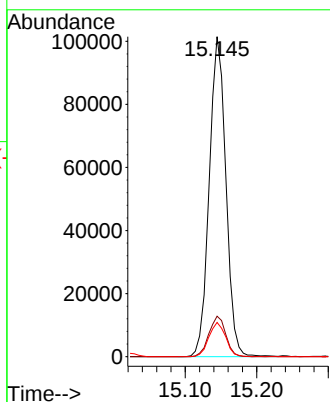
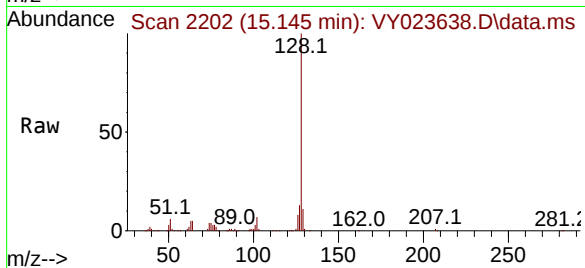
Tgt Ion:128 Resp: 164105

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 18.942 ug/l

RT: 15.327 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023638.D

Acq: 31 Oct 2025 09:52

Tgt Ion:180 Resp: 98921

Ion Ratio Lower Upper

180 100

182 94.4 47.9 143.8

145 30.4 15.3 45.9

