

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
 Data File : VY023561.D
 Acq On : 24 Oct 2025 09:52
 Operator : SY/MD
 Sample : VY1024SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1024SBS01

Quant Time: Oct 24 23:47:02 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	551537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	799010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	709717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	380713	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	203935	44.218	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.440%
35) Dibromofluoromethane	7.634	113	243016	49.499	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.000%
50) Toluene-d8	10.109	98	884395	48.371	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.740%
62) 4-Bromofluorobenzene	12.407	95	297693	49.317	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.640%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.866	85	73940	18.625	ug/l	99
3) Chloromethane	2.074	50	93760	17.337	ug/l	97
4) Vinyl Chloride	2.208	62	126898	18.015	ug/l	100
5) Bromomethane	2.592	94	121542	20.561	ug/l	100
6) Chloroethane	2.732	64	88904	18.516	ug/l	99
7) Trichlorofluoromethane	3.055	101	186017	19.019	ug/l	99
8) Diethyl Ether	3.458	74	50315	19.688	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.811	101	101494	19.998	ug/l	97
10) Methyl Iodide	4.006	142	106029	18.766	ug/l	97
11) Tert butyl alcohol	4.848	59	31189	90.901	ug/l	97
12) 1,1-Dichloroethene	3.787	96	97421	19.802	ug/l	97
13) Acrolein	3.659	56	23585	48.647	ug/l	98
14) Allyl chloride	4.384	41	109431	18.251	ug/l	97
15) Acrylonitrile	5.061	53	93885	95.993	ug/l	98
16) Acetone	3.866	43	140610	128.062	ug/l	99
17) Carbon Disulfide	4.104	76	258594	18.365	ug/l	99
18) Methyl Acetate	4.390	43	49637	17.234	ug/l	94
19) Methyl tert-butyl Ether	5.116	73	236371	19.990	ug/l	96
20) Methylene Chloride	4.616	84	109899	18.510	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	108914	20.107	ug/l	97
22) Diisopropyl ether	6.024	45	256039	19.305	ug/l	96
23) Vinyl Acetate	5.963	43	676295	94.207	ug/l	97
24) 1,1-Dichloroethane	5.921	63	174246	19.834	ug/l	98
25) 2-Butanone	6.896	43	151403	112.949	ug/l	100
26) 2,2-Dichloropropane	6.890	77	163903	20.332	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	130666	20.884	ug/l	95
28) Bromochloromethane	7.250	49	61891	18.871	ug/l	90
29) Tetrahydrofuran	7.268	42	69086	90.887	ug/l	93
30) Chloroform	7.420	83	197077	20.417	ug/l	99
31) Cyclohexane	7.701	56	140190	18.272	ug/l	98
32) 1,1,1-Trichloroethane	7.615	97	179638	20.479	ug/l	98
36) 1,1-Dichloropropene	7.841	75	130575	20.089	ug/l	99
37) Ethyl Acetate	6.987	43	49292	19.142	ug/l	97
38) Carbon Tetrachloride	7.823	117	162485	20.617	ug/l	99
39) Methylcyclohexane	9.109	83	169117	19.984	ug/l	99
40) Benzene	8.079	78	426341	20.712	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	22809	16.378	ug/l #	84
42) 1,2-Dichloroethane	8.158	62	104042	19.599	ug/l	97
43) Isopropyl Acetate	8.201	43	95722	18.643	ug/l	95
44) Trichloroethene	8.865	130	128825	21.383	ug/l	95
45) 1,2-Dichloropropane	9.146	63	92312	20.304	ug/l	100
46) Dibromomethane	9.231	93	59886	20.831	ug/l	96
47) Bromodichloromethane	9.426	83	150883	20.839	ug/l	99
48) Methyl methacrylate	9.225	41	43337	17.966	ug/l	89
49) 1,4-Dioxane	9.231	88	12987	389.621	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	255637	96.362	ug/l	96
52) Toluene	10.170	92	284413	21.281	ug/l	99
53) t-1,3-Dichloropropene	10.395	75	127577	20.264	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	153131	20.608	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	83454	21.587	ug/l	97
56) Ethyl methacrylate	10.438	69	88085	19.752	ug/l	94
57) 1,3-Dichloropropane	10.718	76	126908	20.716	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	198103	99.163	ug/l	97
59) 2-Hexanone	10.761	43	211229	111.416	ug/l	96
60) Dibromochloromethane	10.914	129	115677	21.342	ug/l	100
61) 1,2-Dibromoethane	11.017	107	78817	21.377	ug/l	99
64) Tetrachloroethene	10.645	164	151245	20.639	ug/l	97
65) Chlorobenzene	11.444	112	322004	20.861	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	116589	21.195	ug/l	99
67) Ethyl Benzene	11.517	91	512753	20.521	ug/l	99
68) m/p-Xylenes	11.627	106	423494	42.257	ug/l	99
69) o-Xylene	11.956	106	198083	21.072	ug/l	97
70) Styrene	11.968	104	323830	20.949	ug/l	99
71) Bromoform	12.133	173	71371	20.917	ug/l #	99
73) Isopropylbenzene	12.255	105	516359	20.581	ug/l	100
74) N-amyl acetate	12.072	43	79625	17.669	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	83375	20.318	ug/l	99
76) 1,2,3-Trichloropropane	12.553	75	108630	32.341	ug/l #	100
77) Bromobenzene	12.529	156	137052	20.547	ug/l	98
78) n-propylbenzene	12.596	91	595772	20.520	ug/l	99
79) 2-Chlorotoluene	12.675	91	344916	20.287	ug/l	98
80) 1,3,5-Trimethylbenzene	12.736	105	419394	20.686	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	26936	19.665	ug/l	96
82) 4-Chlorotoluene	12.773	91	358669	20.484	ug/l	99
83) tert-Butylbenzene	12.999	119	392010	20.942	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	420704	20.792	ug/l	99
85) sec-Butylbenzene	13.175	105	560392	20.869	ug/l	100
86) p-Isopropyltoluene	13.291	119	476750	20.853	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	264896	20.394	ug/l	100
88) 1,4-Dichlorobenzene	13.364	146	264053	20.584	ug/l	100
89) n-Butylbenzene	13.614	91	401494	20.154	ug/l	99
90) Hexachloroethane	13.876	117	99943	20.324	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	232521	20.419	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12890	19.144	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	141537	19.937	ug/l	100
94) Hexachlorobutadiene	15.023	225	90220	20.387	ug/l	100
95) Naphthalene	15.144	128	210092	18.584	ug/l	99
96) 1,2,3-Trichlorobenzene	15.327	180	120577	19.609	ug/l	100

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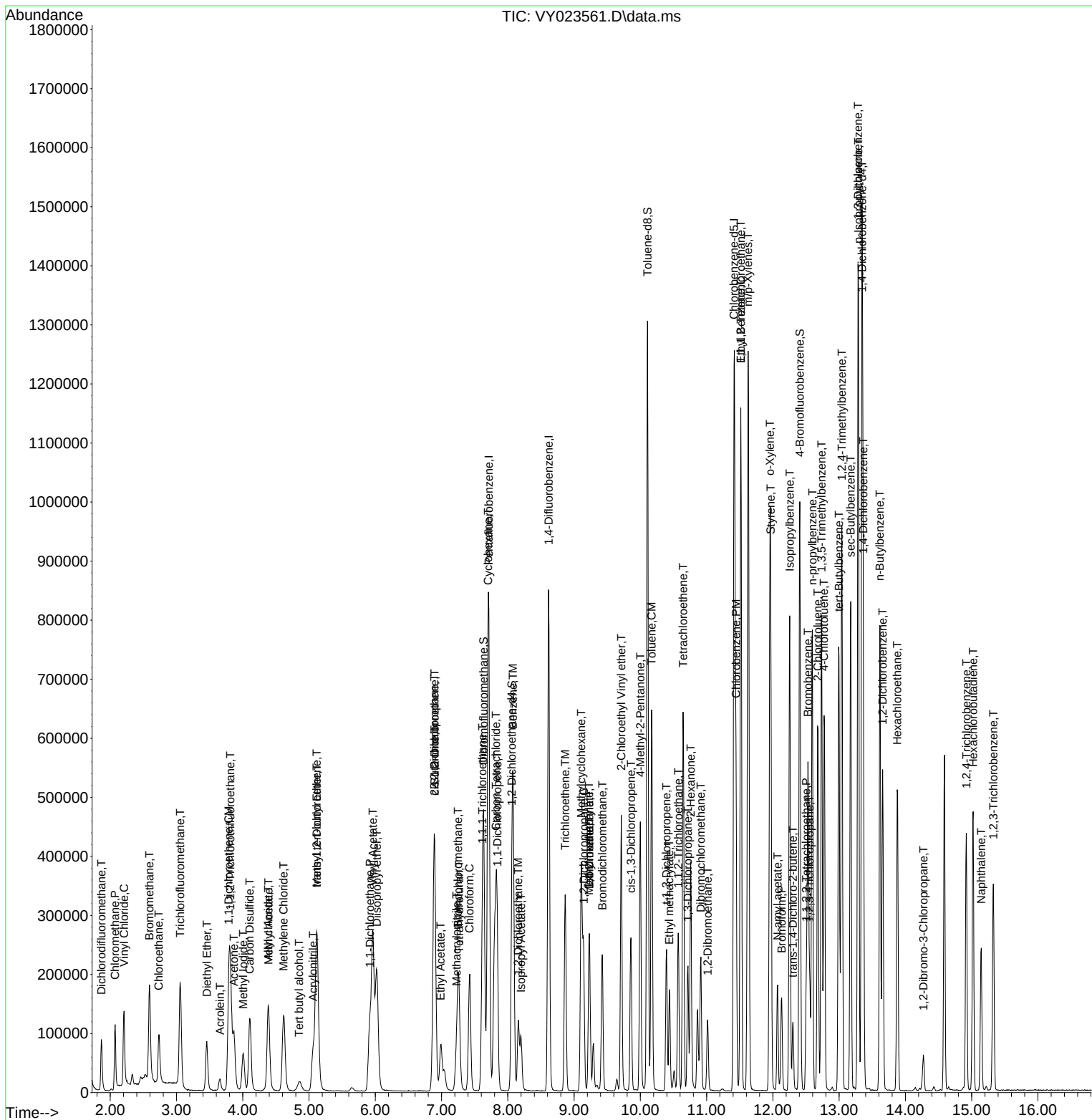
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

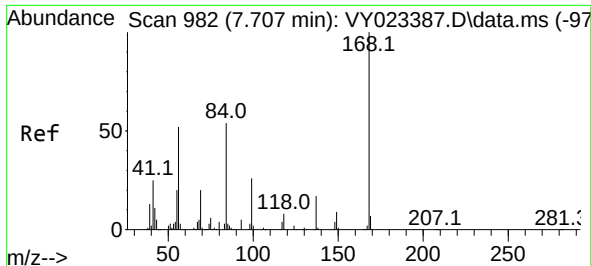
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Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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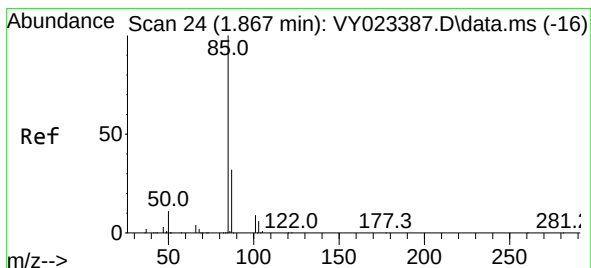
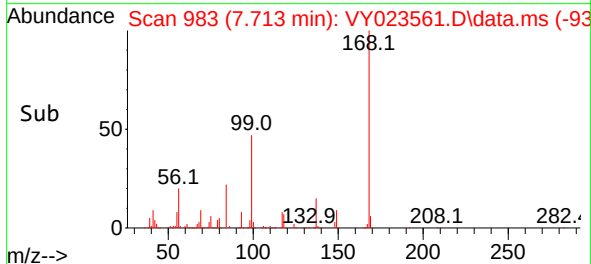
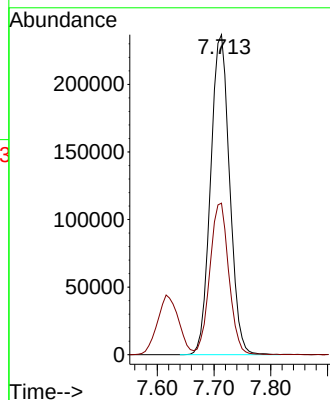
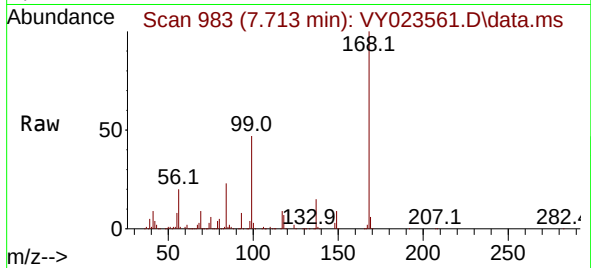




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023561.D
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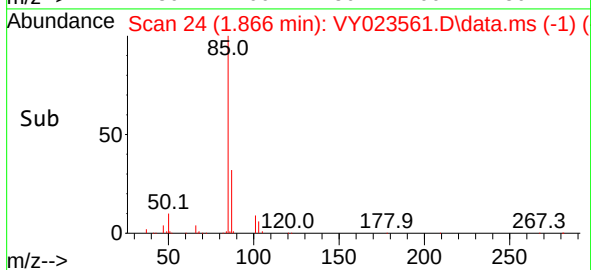
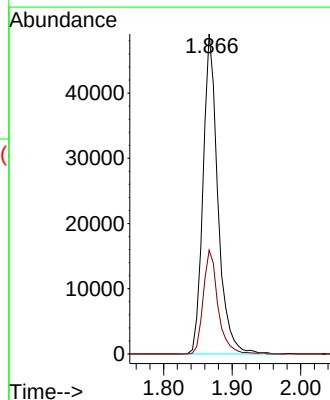
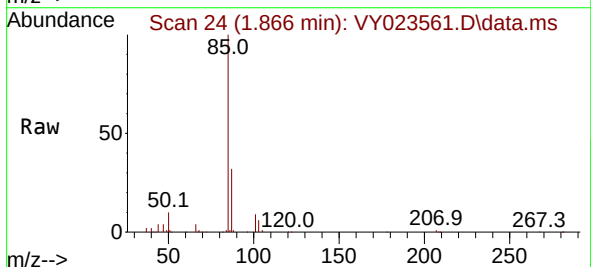
Instrument :
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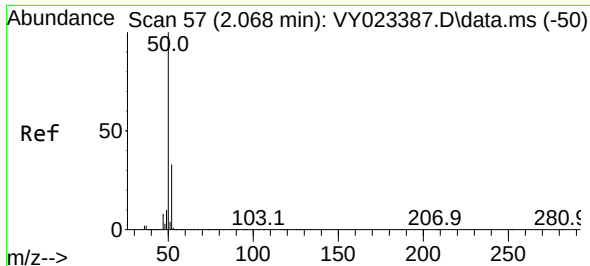
Tgt Ion:168 Resp: 551537
Ion Ratio Lower Upper
168 100
99 47.3 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 18.625 ug/l
RT: 1.866 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 85 Resp: 73940
Ion Ratio Lower Upper
85 100
87 32.4 16.0 47.9

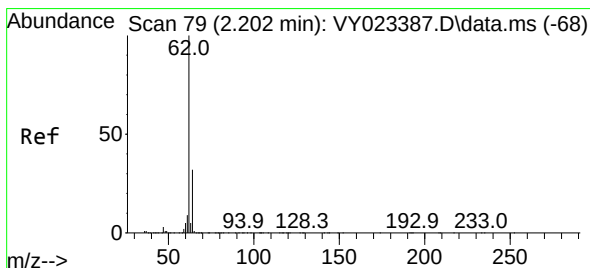
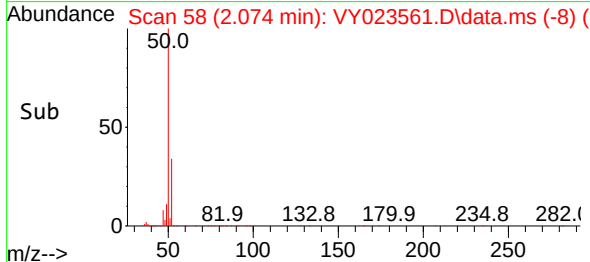
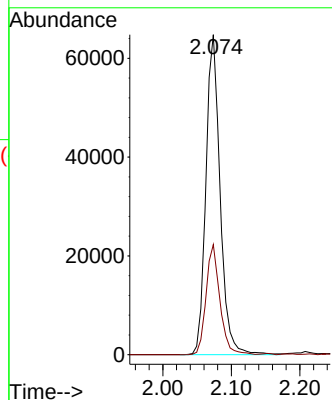
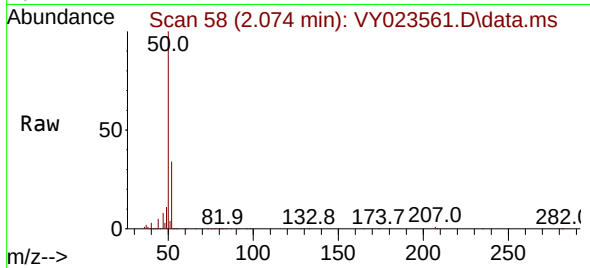




#3
Chloromethane
Concen: 17.337 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

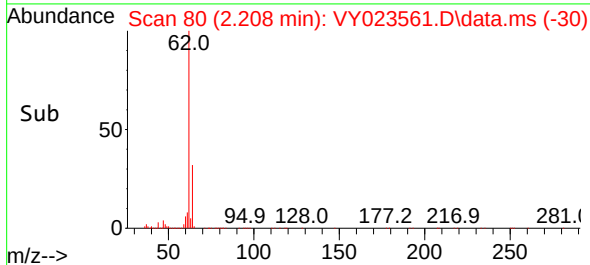
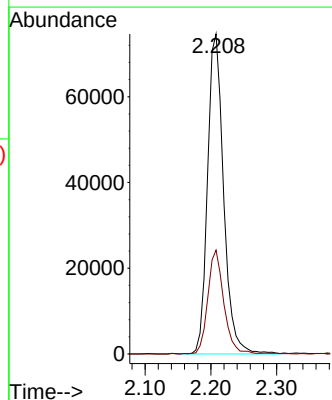
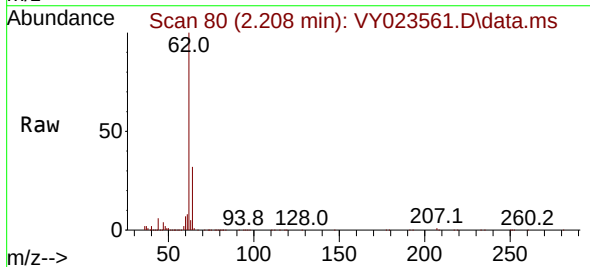
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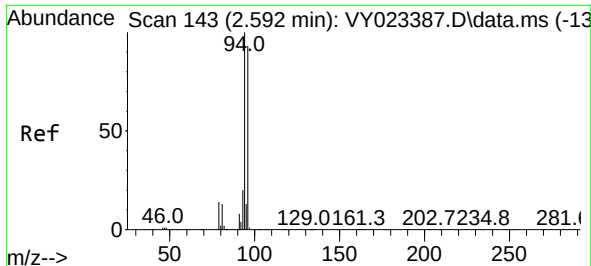
Tgt Ion: 50 Resp: 93760
Ion Ratio Lower Upper
50 100
52 34.4 26.2 39.2



#4
Vinyl Chloride
Concen: 18.015 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 62 Resp: 126898
Ion Ratio Lower Upper
62 100
64 32.5 25.8 38.8

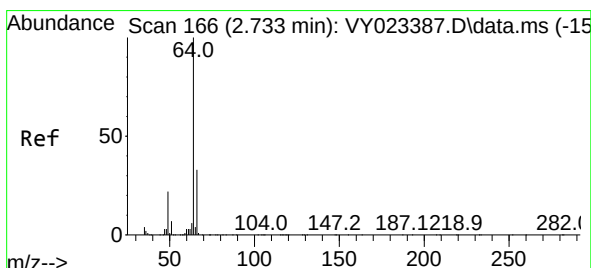
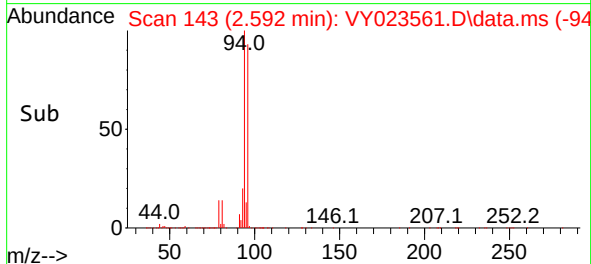
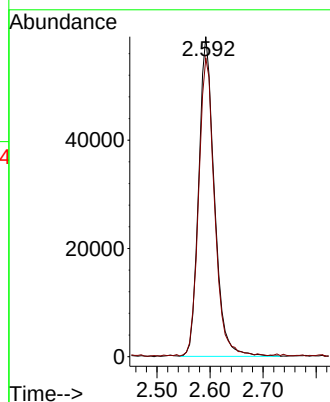
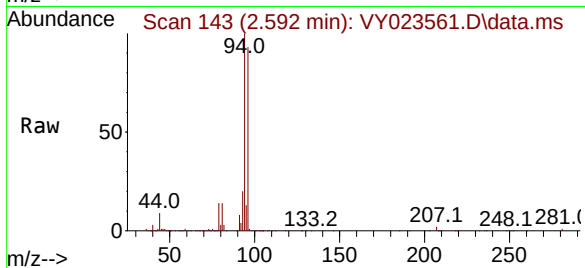




#5
Bromomethane
Concen: 20.561 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

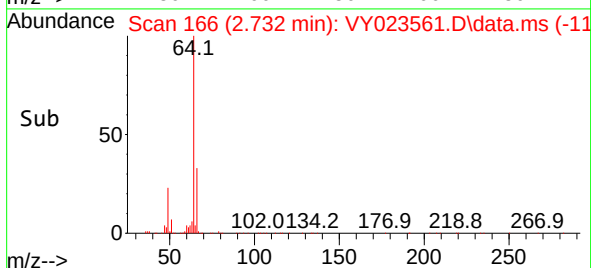
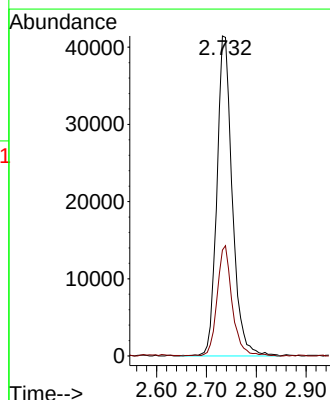
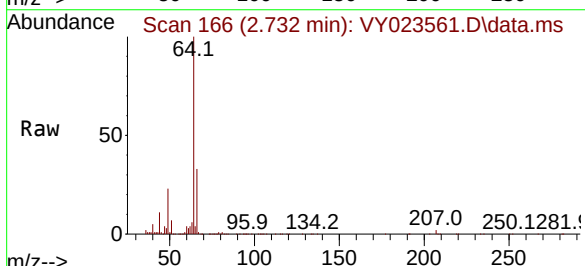
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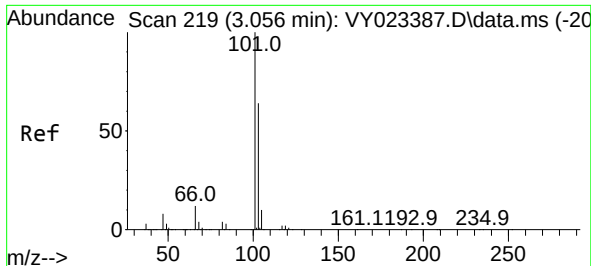
Tgt Ion: 94 Resp: 121542
Ion Ratio Lower Upper
94 100
96 93.2 74.5 111.7



#6
Chloroethane
Concen: 18.516 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 64 Resp: 88904
Ion Ratio Lower Upper
64 100
66 33.1 26.2 39.4

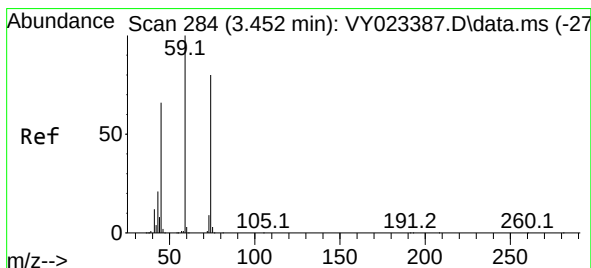
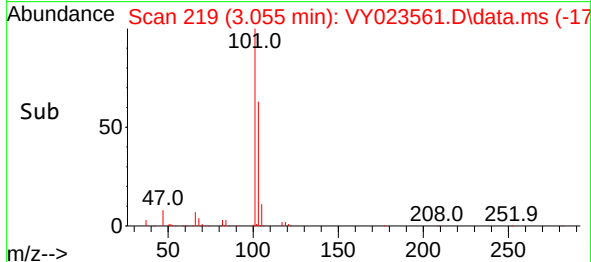
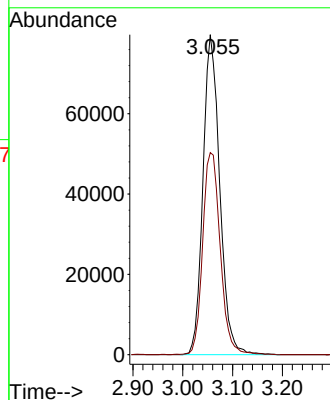
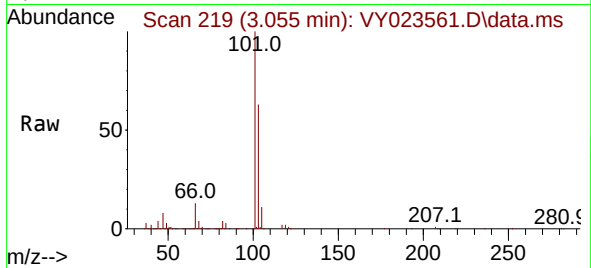




#7
Trichlorofluoromethane
Concen: 19.019 ug/l
RT: 3.055 min Scan# 219
Delta R.T. -0.000 min
Lab File: VY023561.D
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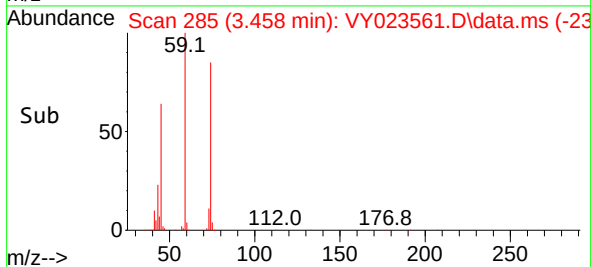
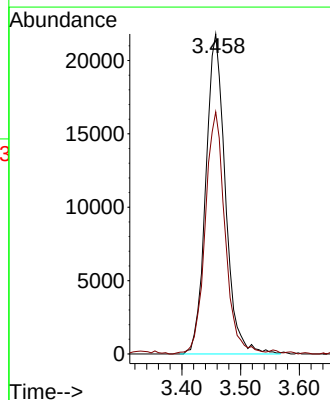
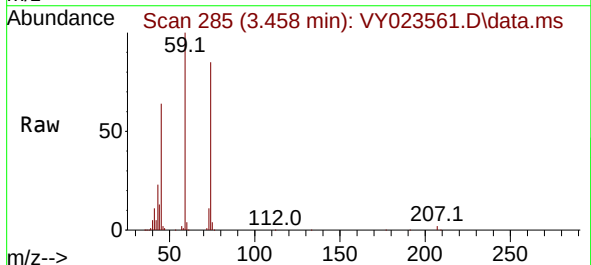
Instrument :
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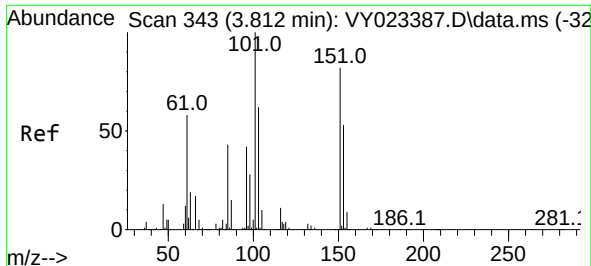
Tgt Ion:101 Resp: 186017
Ion Ratio Lower Upper
101 100
103 63.2 51.3 76.9



#8
Diethyl Ether
Concen: 19.688 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 74 Resp: 50315
Ion Ratio Lower Upper
74 100
45 77.0 39.9 119.7

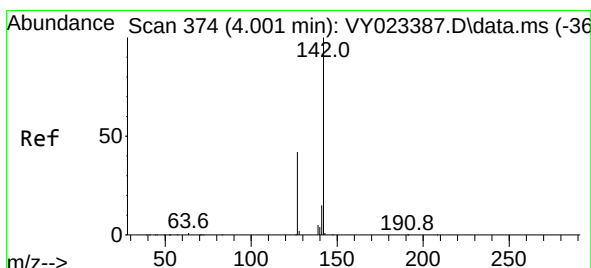
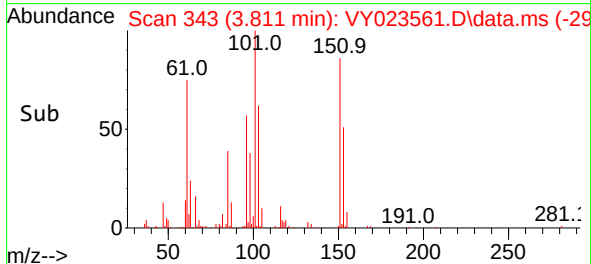
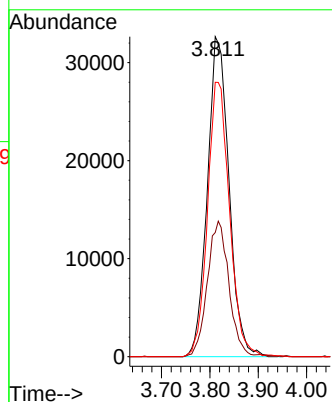
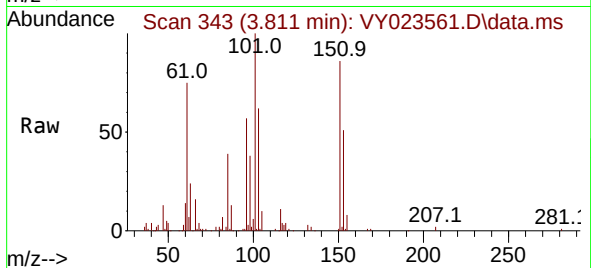




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.998 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

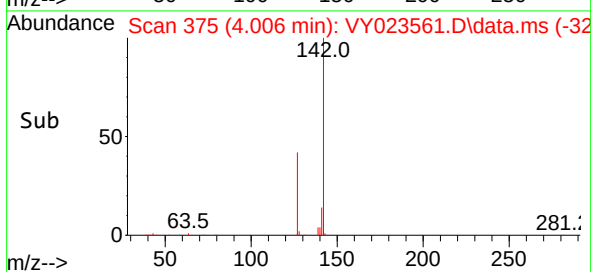
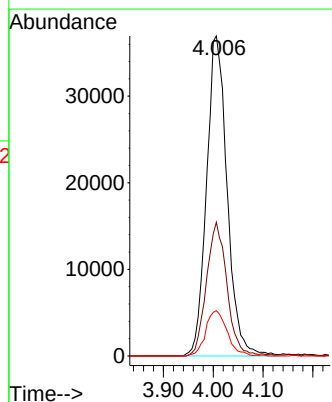
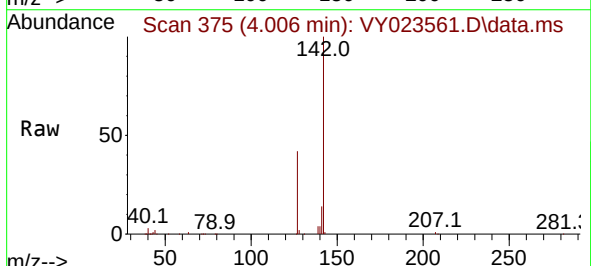
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

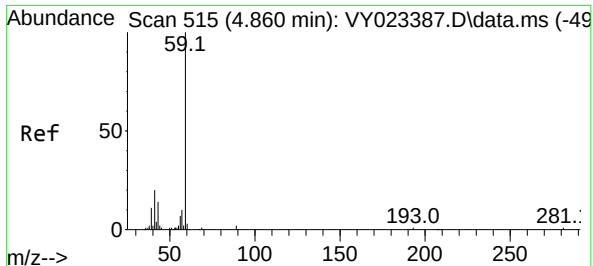
Tgt Ion:101 Resp: 101494
Ion Ratio Lower Upper
101 100
85 42.1 34.6 51.8
151 87.2 67.0 100.6



#10
Methyl Iodide
Concen: 18.766 ug/l
RT: 4.006 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:142 Resp: 106029
Ion Ratio Lower Upper
142 100
127 41.3 34.8 52.2
141 14.8 11.6 17.4





#11

Tert butyl alcohol

Concen: 90.901 ug/l

RT: 4.848 min Scan# 51

Delta R.T. -0.013 min

Lab File: VY023561.D

Acq: 24 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

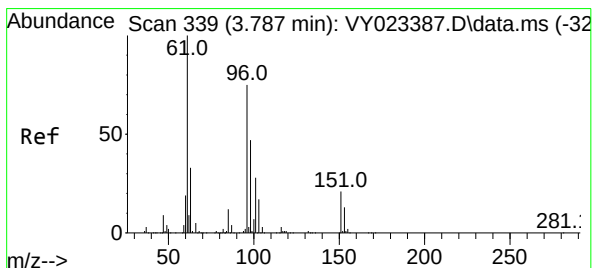
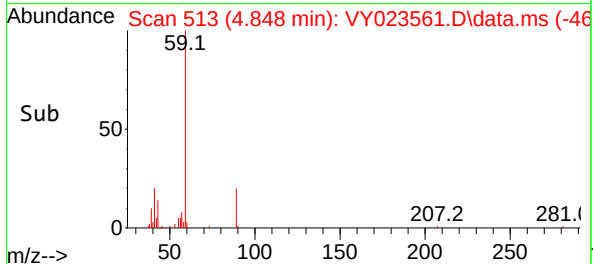
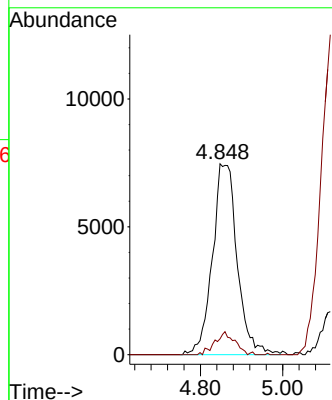
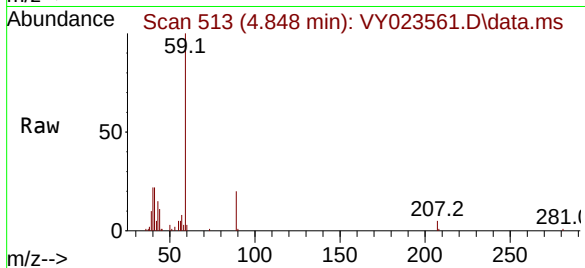
VY1024SBS01

Tgt Ion: 59 Resp: 31189

Ion Ratio Lower Upper

59 100

57 9.4 8.3 12.5



#12

1,1-Dichloroethene

Concen: 19.802 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.000 min

Lab File: VY023561.D

Acq: 24 Oct 2025 09:52

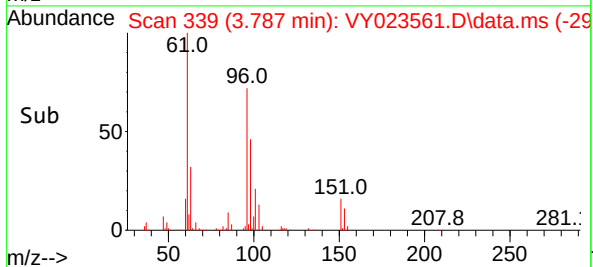
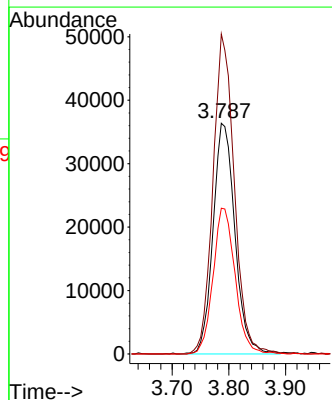
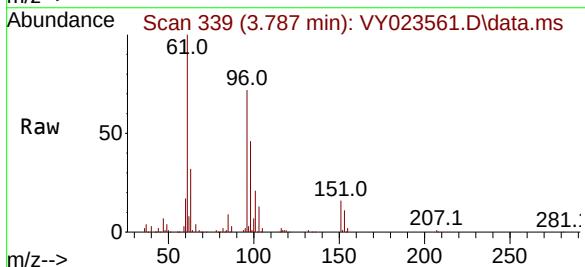
Tgt Ion: 96 Resp: 97421

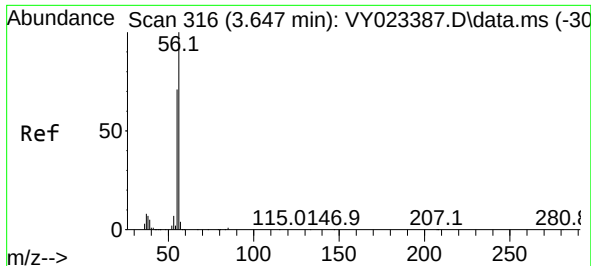
Ion Ratio Lower Upper

96 100

61 138.7 106.7 160.1

98 63.2 50.2 75.4

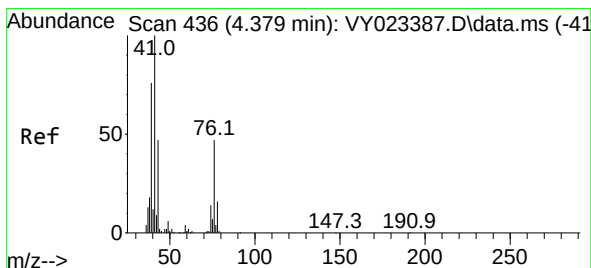
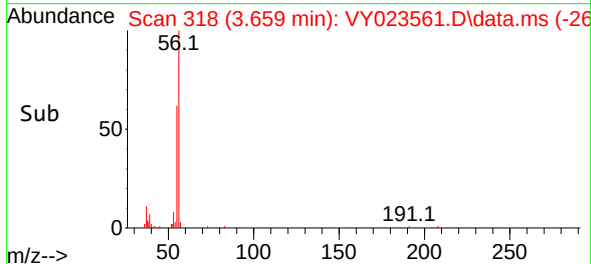
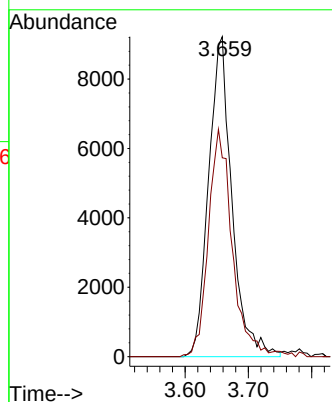
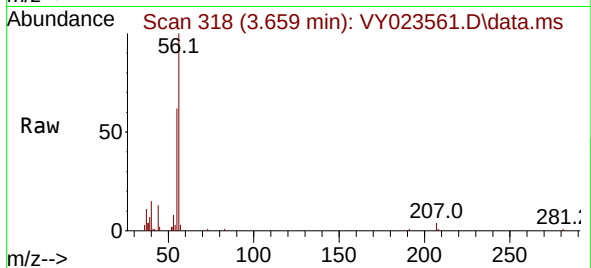




#13
Acrolein
Concen: 48.647 ug/l
RT: 3.659 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

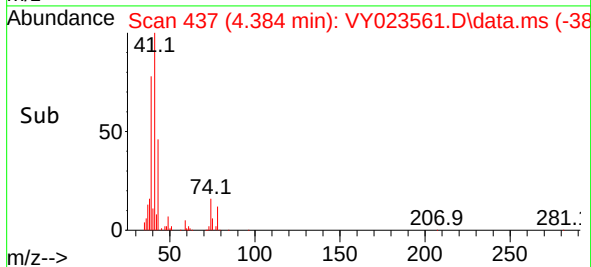
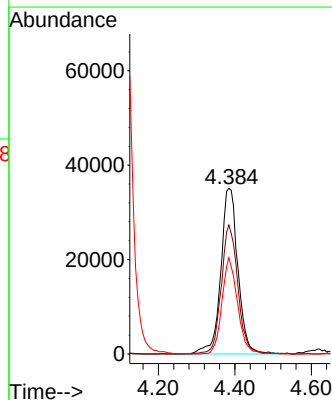
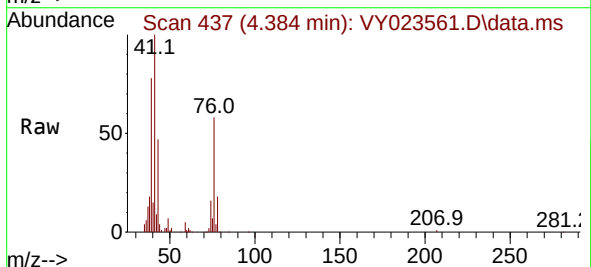
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

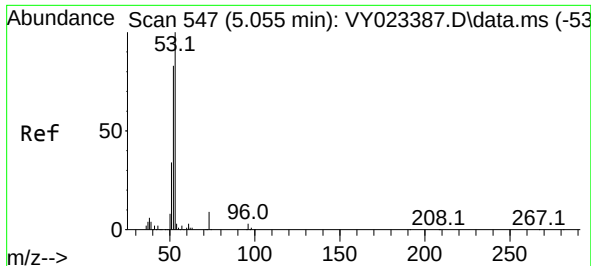
Tgt Ion: 56 Resp: 23585
Ion Ratio Lower Upper
56 100
55 72.0 56.1 84.1



#14
Allyl chloride
Concen: 18.251 ug/l
RT: 4.384 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 41 Resp: 109431
Ion Ratio Lower Upper
41 100
39 75.3 59.9 89.9
76 52.3 38.0 57.0

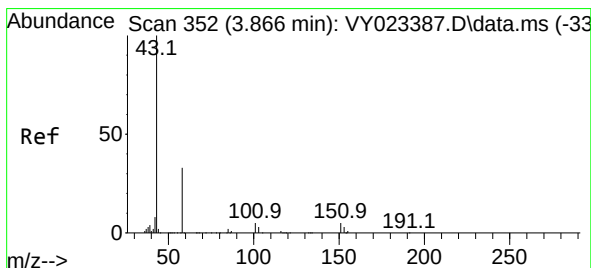
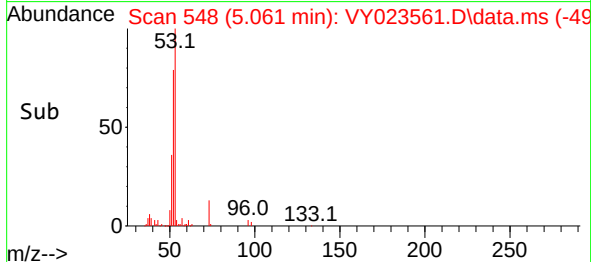
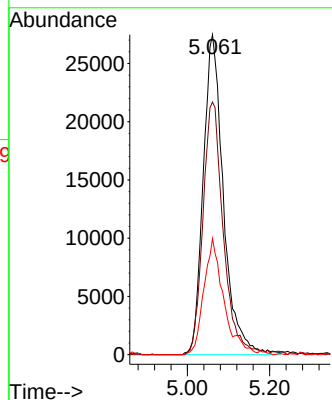
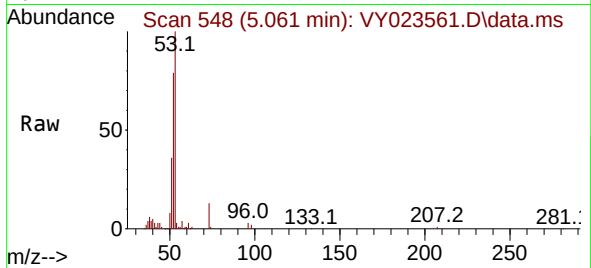




#15
Acrylonitrile
Concen: 95.993 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

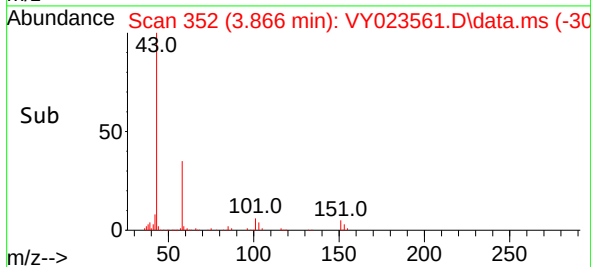
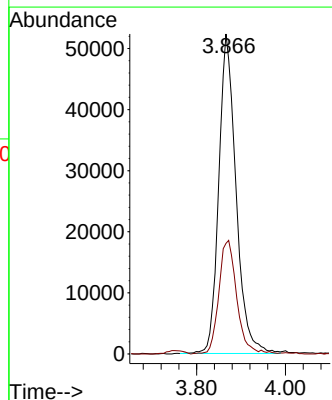
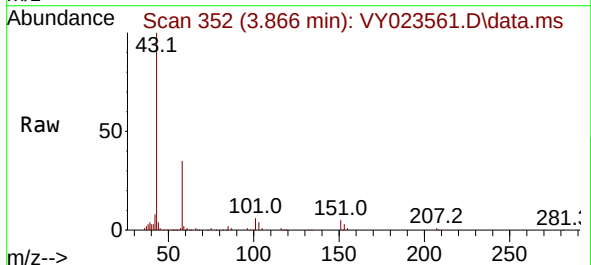
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

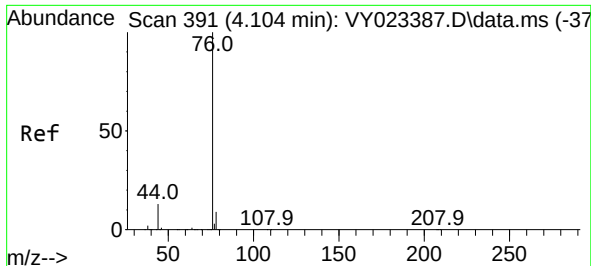
Tgt Ion: 53 Resp: 93885
Ion Ratio Lower Upper
53 100
52 79.3 64.6 97.0
51 35.6 29.5 44.3



#16
Acetone
Concen: 128.062 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 43 Resp: 140610
Ion Ratio Lower Upper
43 100
58 34.3 27.7 41.5

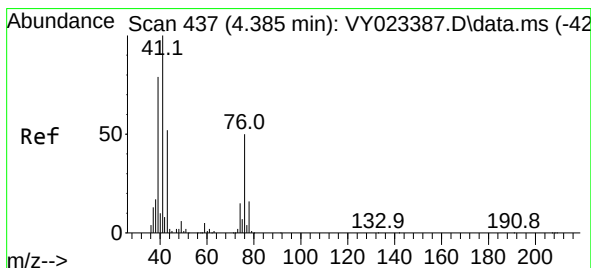
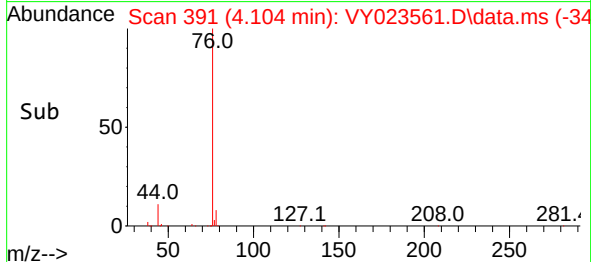
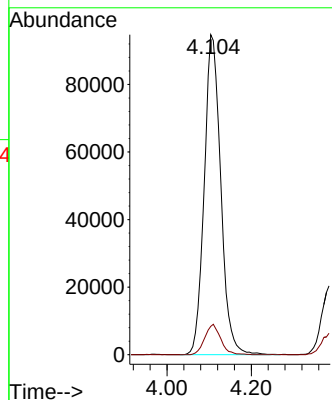
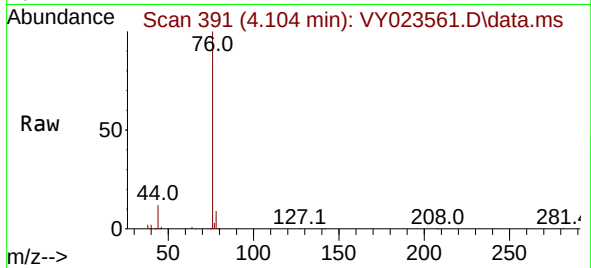




#17
Carbon Disulfide
Concen: 18.365 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

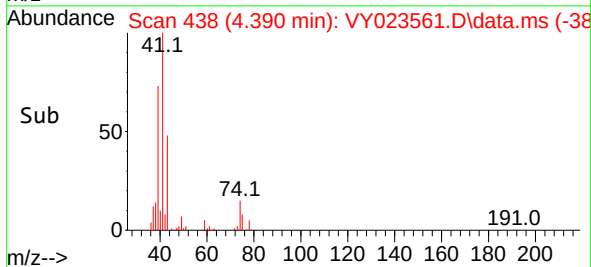
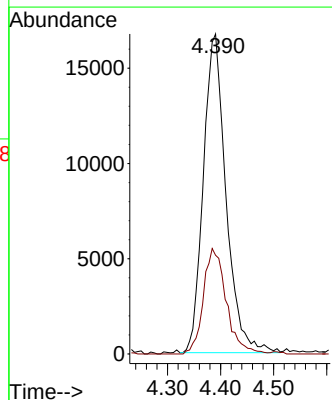
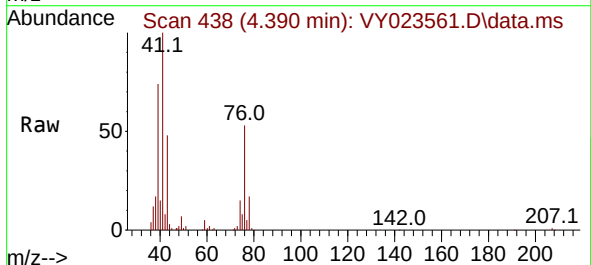
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

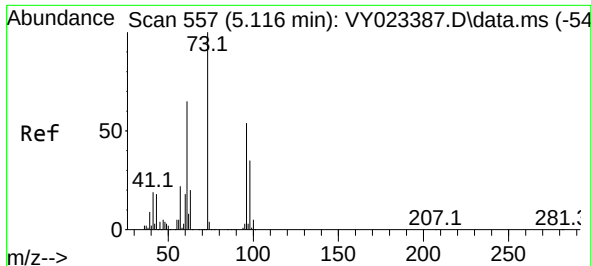
Tgt Ion: 76 Resp: 258594
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 17.234 ug/l
RT: 4.390 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 43 Resp: 49637
Ion Ratio Lower Upper
43 100
74 33.4 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 19.990 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY023561.D

Acq: 24 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

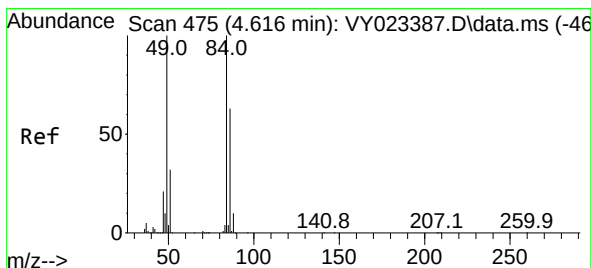
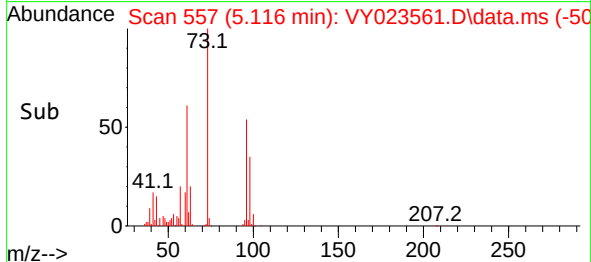
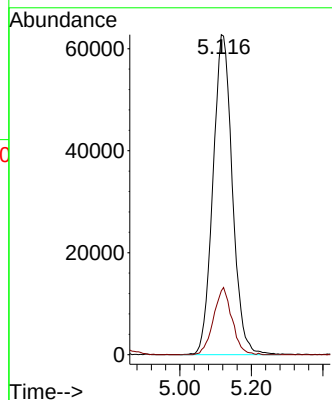
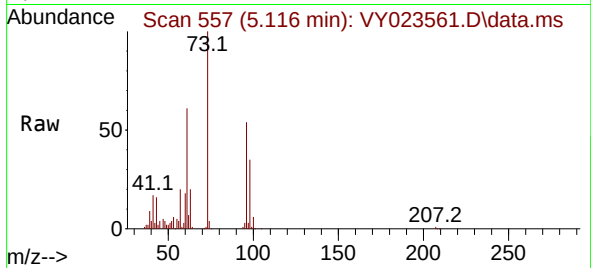
VY1024SBS01

Tgt Ion: 73 Resp: 236371

Ion Ratio Lower Upper

73 100

57 19.9 17.4 26.0



#20

Methylene Chloride

Concen: 18.510 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY023561.D

Acq: 24 Oct 2025 09:52

Tgt Ion: 84 Resp: 109899

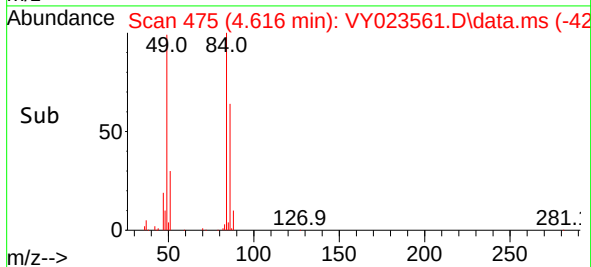
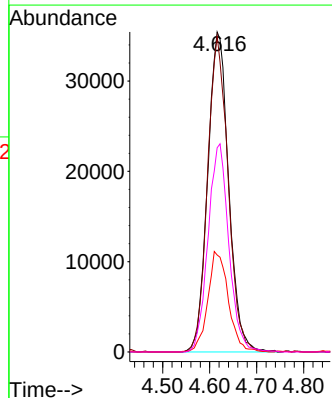
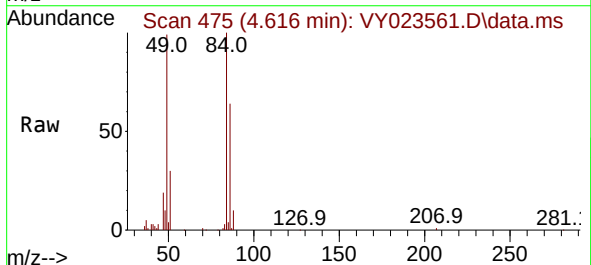
Ion Ratio Lower Upper

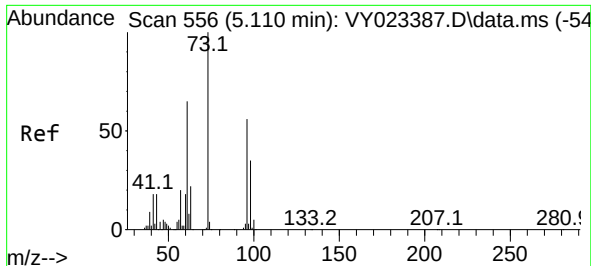
84 100

49 98.7 80.2 120.4

51 30.3 25.9 38.9

86 63.8 50.6 75.8

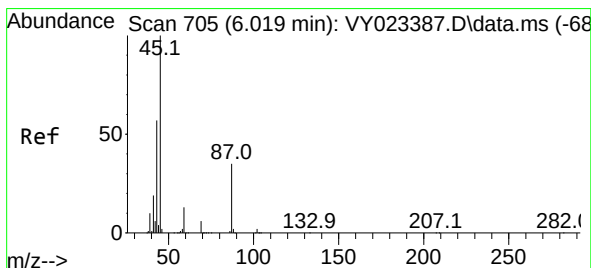
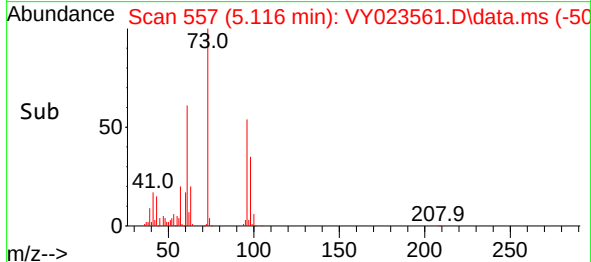
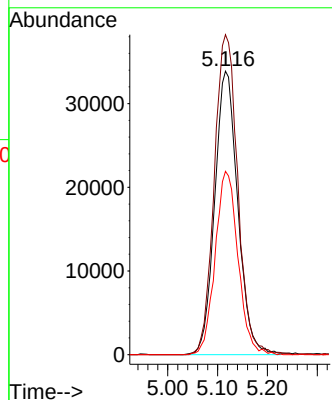
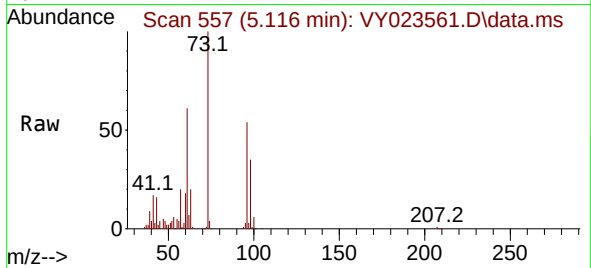




#21
trans-1,2-Dichloroethene
Concen: 20.107 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

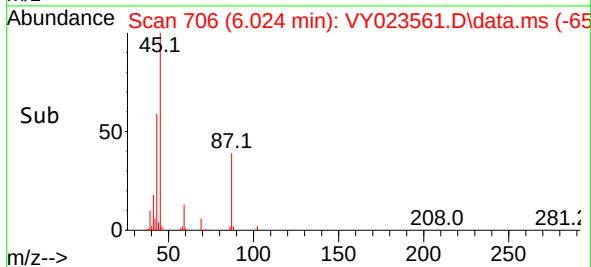
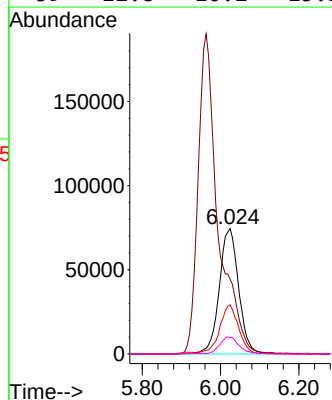
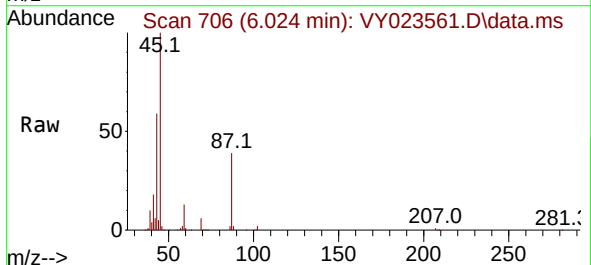
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

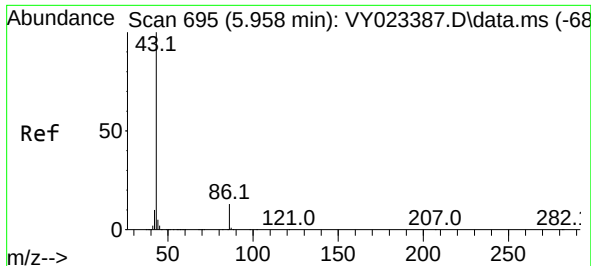
Tgt Ion: 96 Resp: 108914
Ion Ratio Lower Upper
96 100
61 112.9 92.7 139.1
98 64.7 49.7 74.5



#22
Diisopropyl ether
Concen: 19.305 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 45 Resp: 256039
Ion Ratio Lower Upper
45 100
43 59.1 45.6 68.4
87 39.0 28.1 42.1
59 12.8 10.2 15.2

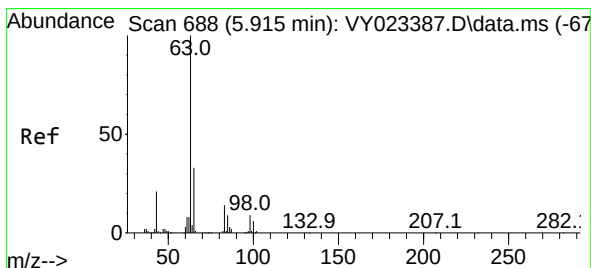
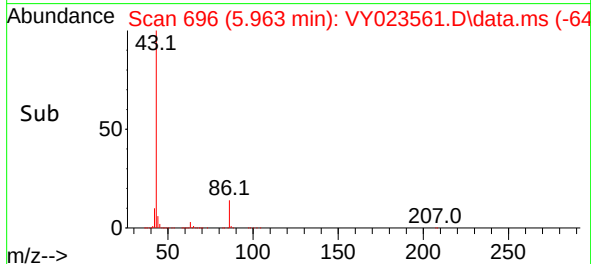
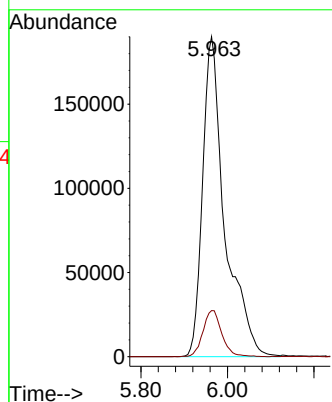
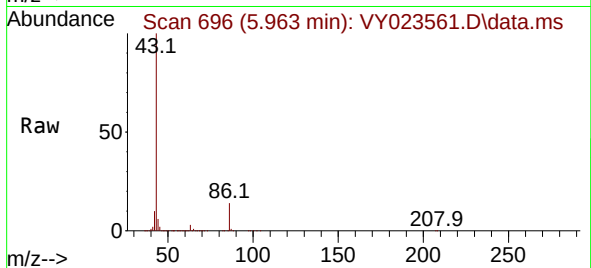




#23
Vinyl Acetate
Concen: 94.207 ug/l
RT: 5.963 min Scan# 695
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

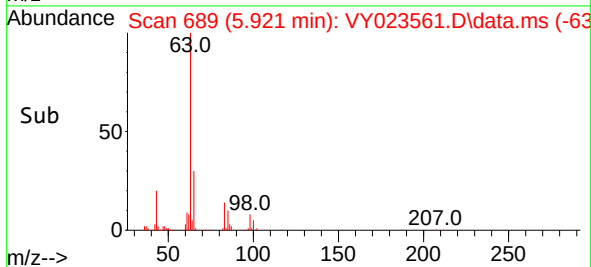
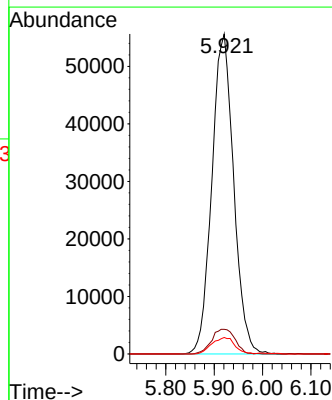
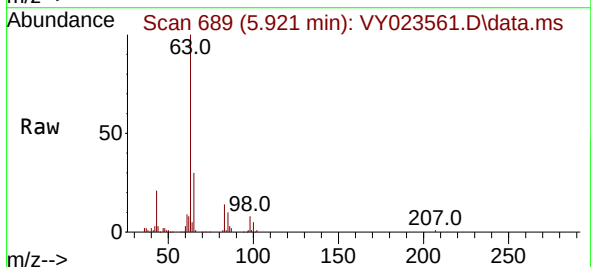
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

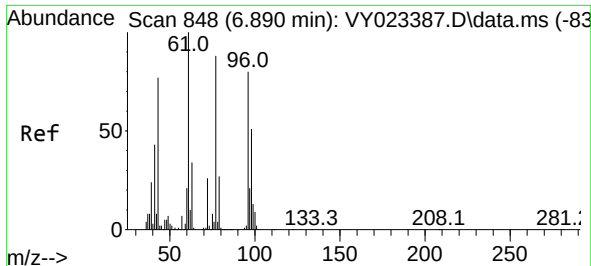
Tgt Ion: 43 Resp: 676295
Ion Ratio Lower Upper
43 100
86 14.4 10.6 15.8



#24
1,1-Dichloroethane
Concen: 19.834 ug/l
RT: 5.921 min Scan# 689
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 63 Resp: 174246
Ion Ratio Lower Upper
63 100
98 7.7 4.3 13.1
100 5.1 2.8 8.4





#25

2-Butanone

Concen: 112.949 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023561.D

Acq: 24 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

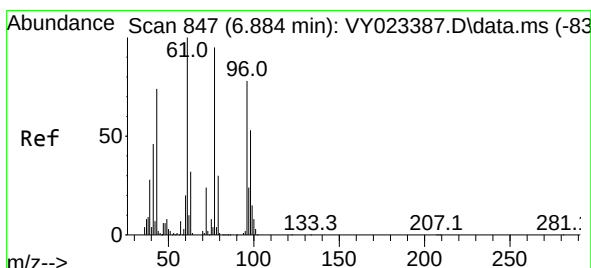
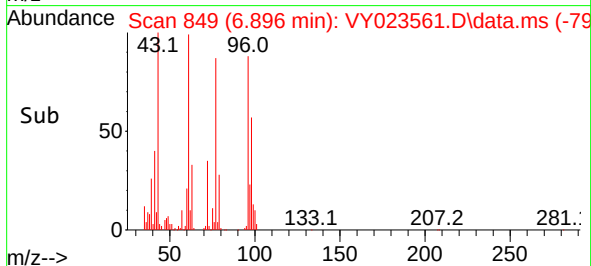
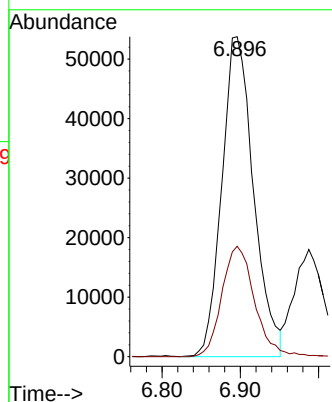
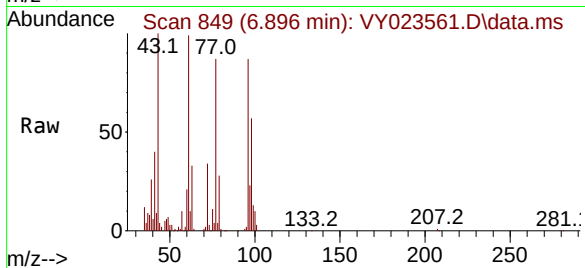
VY1024SBS01

Tgt Ion: 43 Resp: 151403

Ion Ratio Lower Upper

43 100

72 34.5 27.4 41.2



#26

2,2-Dichloropropane

Concen: 20.332 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023561.D

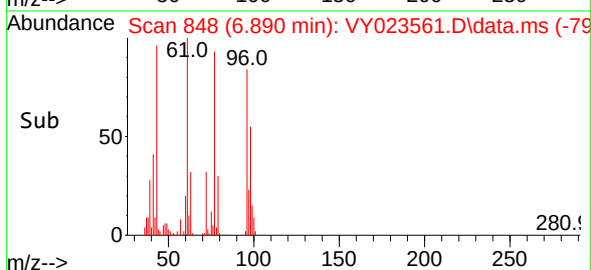
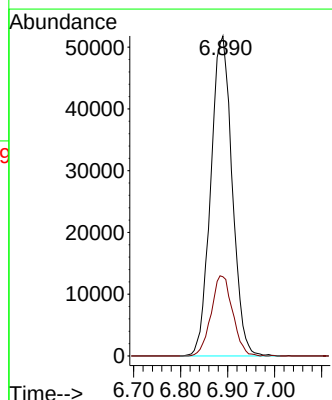
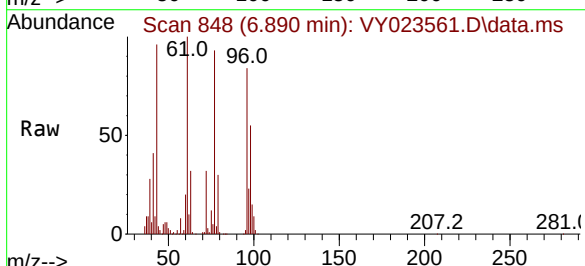
Acq: 24 Oct 2025 09:52

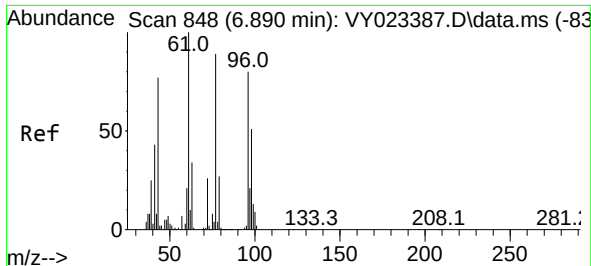
Tgt Ion: 77 Resp: 163903

Ion Ratio Lower Upper

77 100

97 25.2 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 20.884 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023561.D

Acq: 24 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1024SBS01

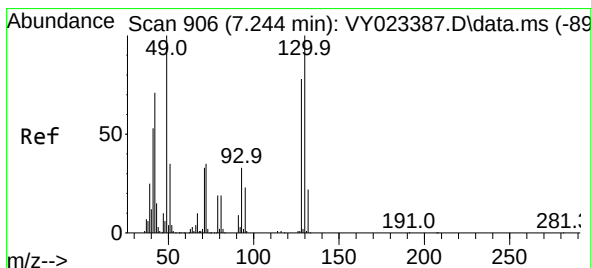
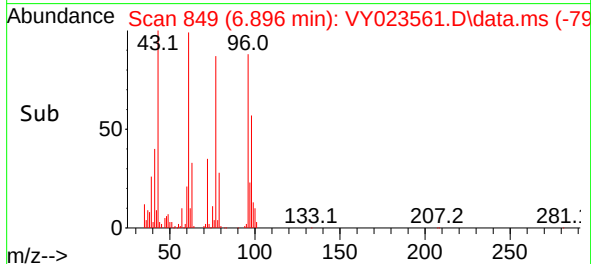
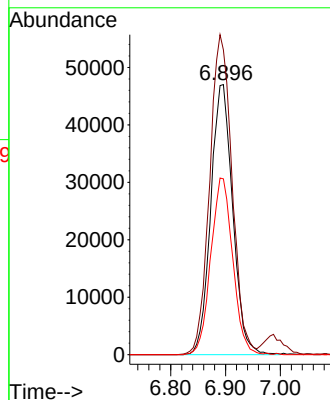
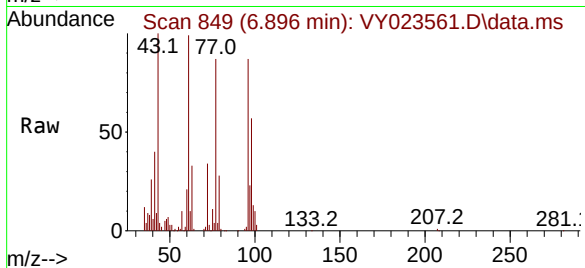
Tgt Ion: 96 Resp: 130666

Ion Ratio Lower Upper

96 100

61 121.2 0.0 258.2

98 65.3 0.0 132.0



#28

Bromochloromethane

Concen: 18.871 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023561.D

Acq: 24 Oct 2025 09:52

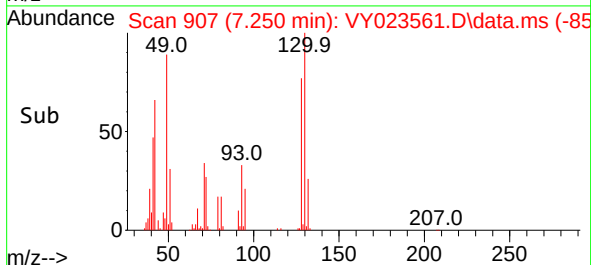
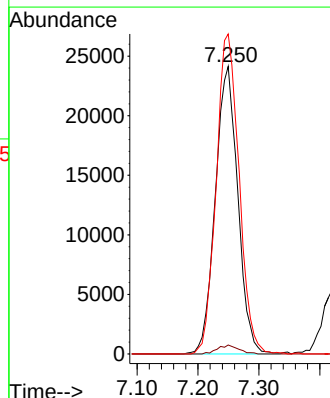
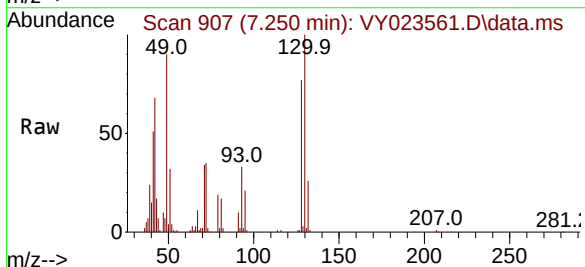
Tgt Ion: 49 Resp: 61891

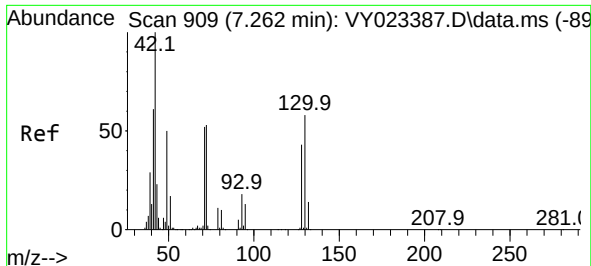
Ion Ratio Lower Upper

49 100

129 2.9 0.0 5.6

130 113.1 81.9 122.9





#29

Tetrahydrofuran

Concen: 90.887 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY023561.D

Acq: 24 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1024SBS01

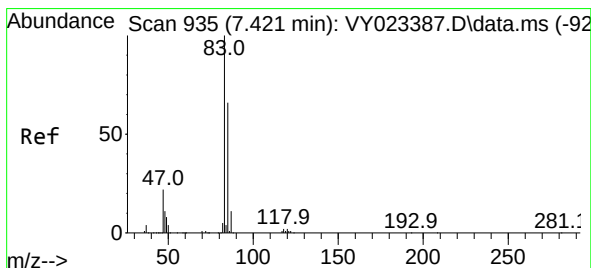
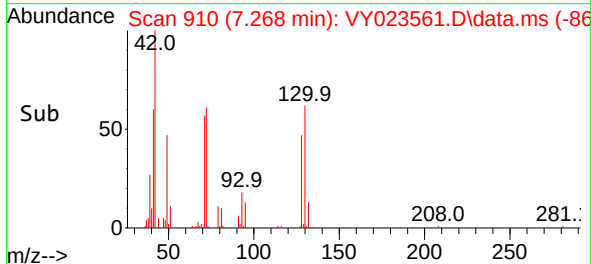
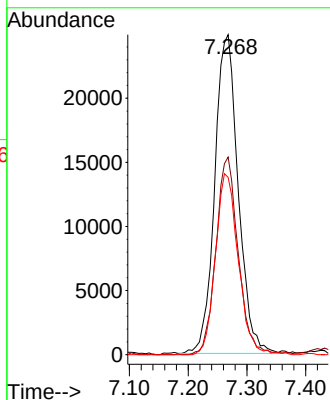
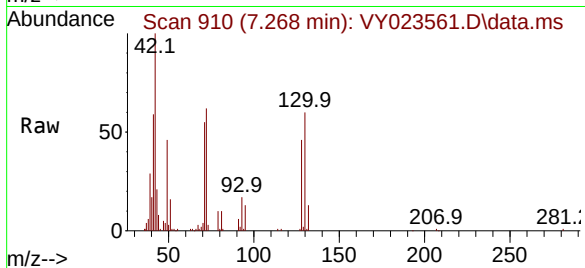
Tgt Ion: 42 Resp: 69086

Ion Ratio Lower Upper

42 100

72 59.0 43.0 64.6

71 55.3 40.1 60.1



#30

Chloroform

Concen: 20.417 ug/l

RT: 7.420 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY023561.D

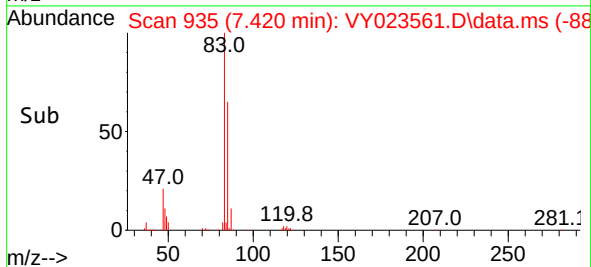
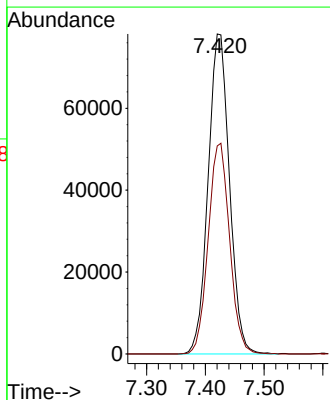
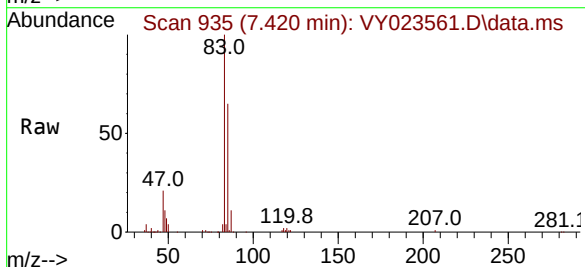
Acq: 24 Oct 2025 09:52

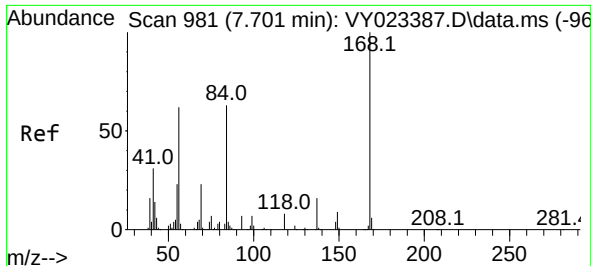
Tgt Ion: 83 Resp: 197077

Ion Ratio Lower Upper

83 100

85 65.0 52.5 78.7

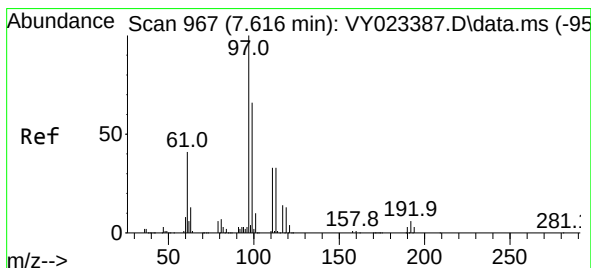
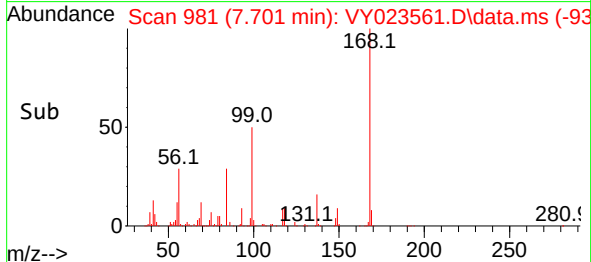
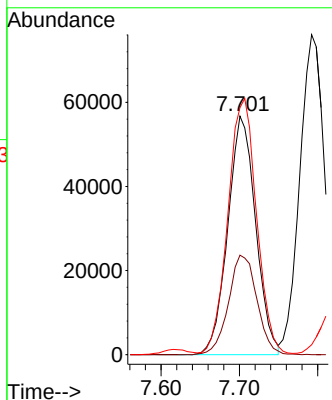
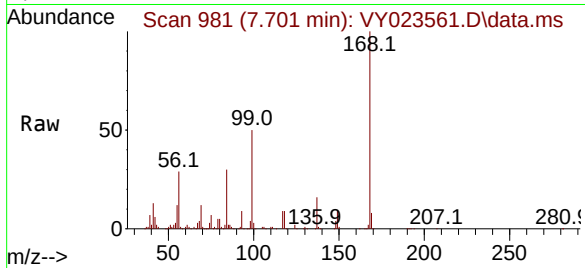




#31
Cyclohexane
Concen: 18.272 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

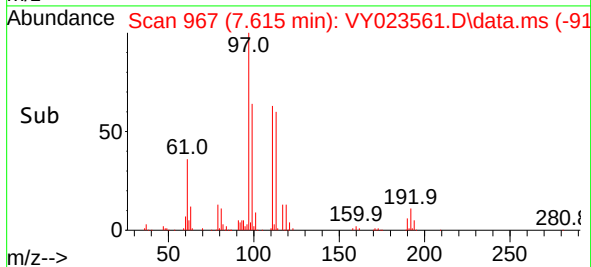
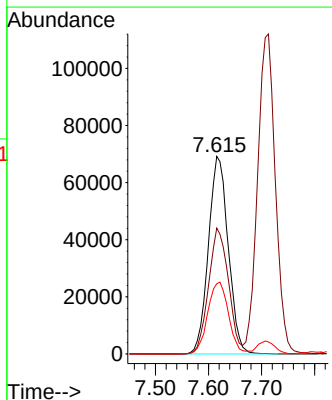
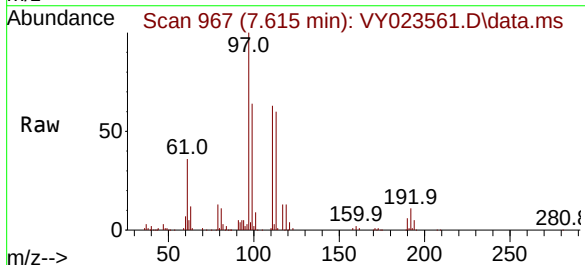
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

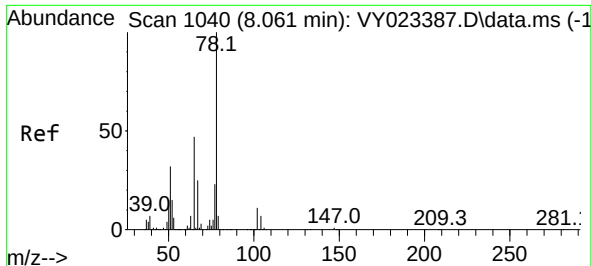
Tgt Ion: 56 Resp: 140190
Ion Ratio Lower Upper
56 100
69 41.3 30.0 45.0
84 101.5 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 20.479 ug/l
RT: 7.615 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 97 Resp: 179638
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.2
61 38.0 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 44.218 ug/l

RT: 8.060 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023561.D

Acq: 24 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

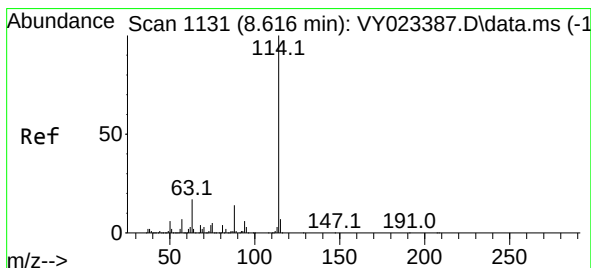
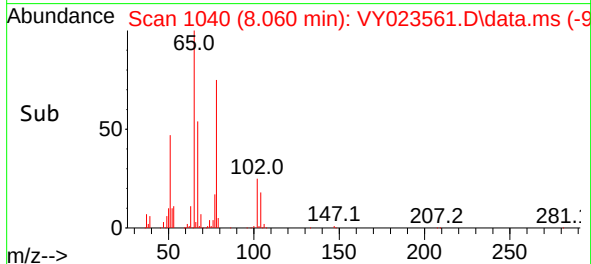
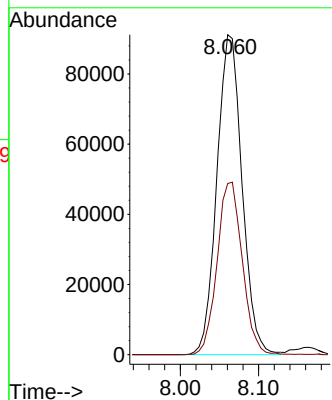
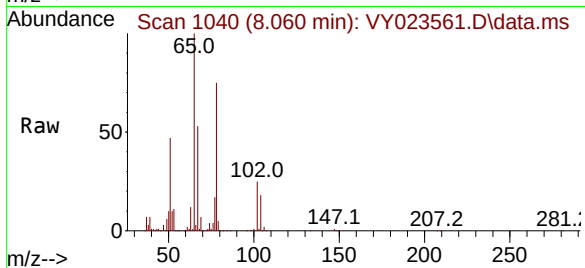
VY1024SBS01

Tgt Ion: 65 Resp: 203935

Ion Ratio Lower Upper

65 100

67 54.0 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: VY023561.D

Acq: 24 Oct 2025 09:52

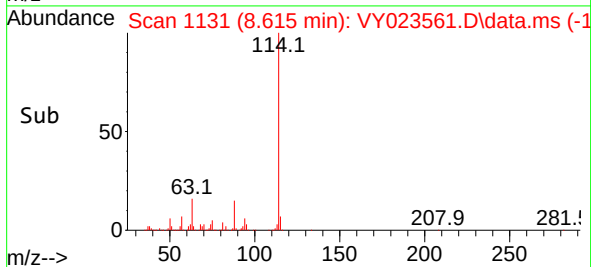
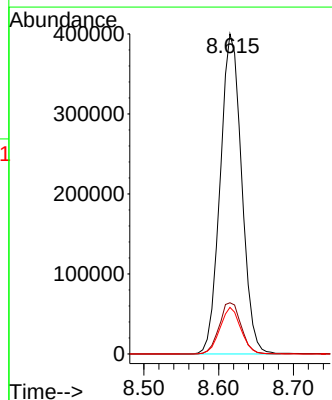
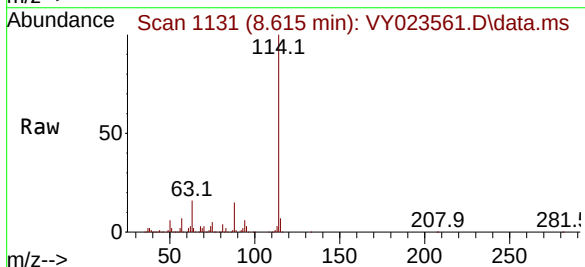
Tgt Ion:114 Resp: 799010

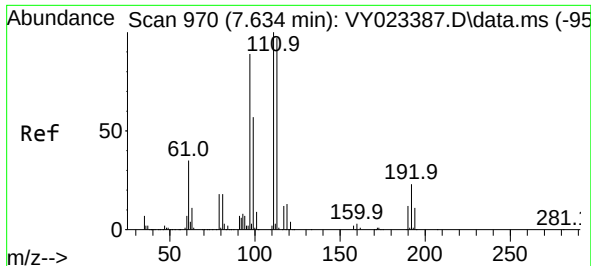
Ion Ratio Lower Upper

114 100

63 16.0 0.0 34.2

88 14.6 0.0 28.4

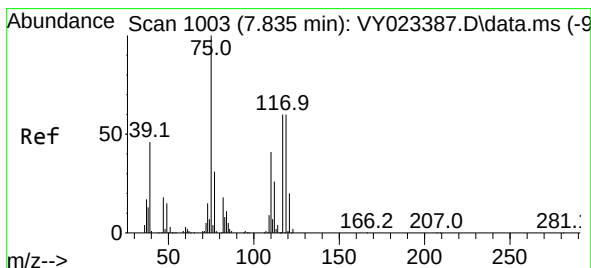
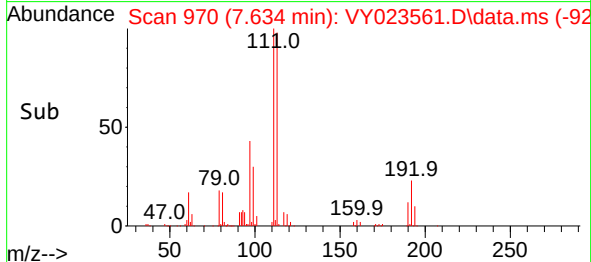
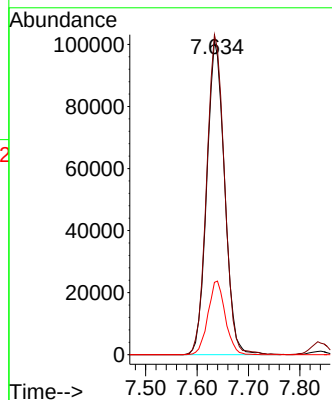
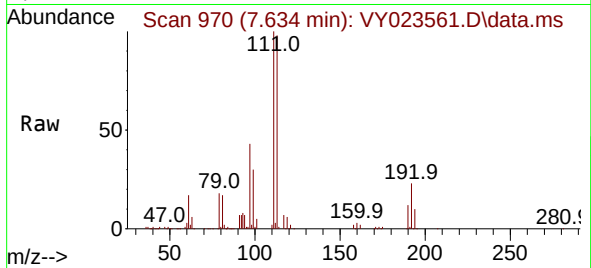




#35
Dibromofluoromethane
Concen: 49.499 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

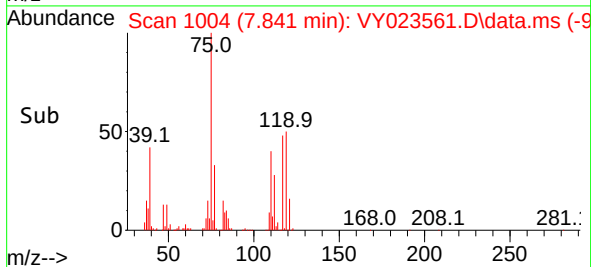
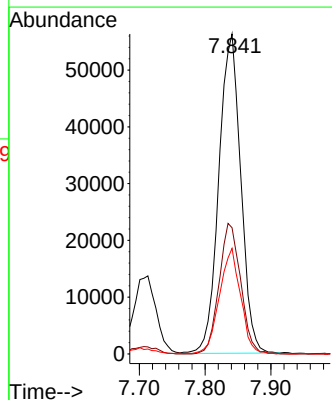
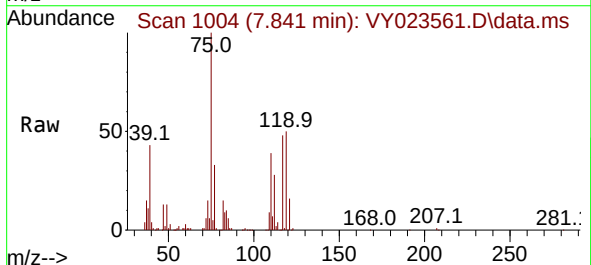
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

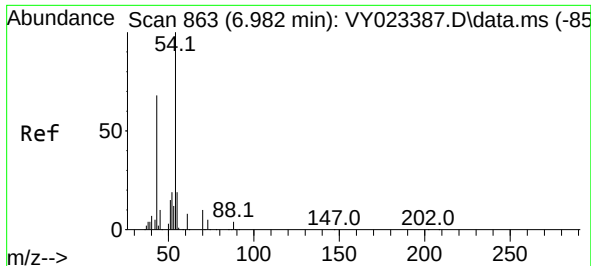
Tgt Ion:113 Resp: 243016
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.6
192 22.8 18.0 27.0



#36
1,1-Dichloropropene
Concen: 20.089 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 75 Resp: 130575
Ion Ratio Lower Upper
75 100
110 40.3 19.9 59.7
77 32.0 25.0 37.6

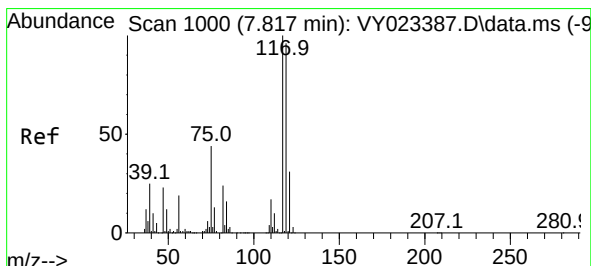
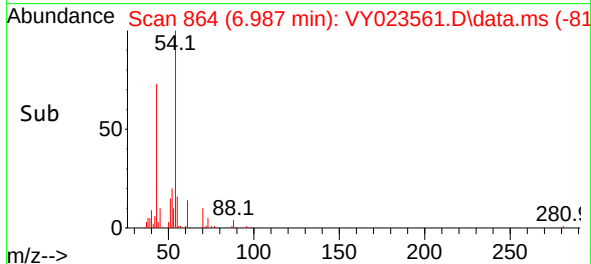
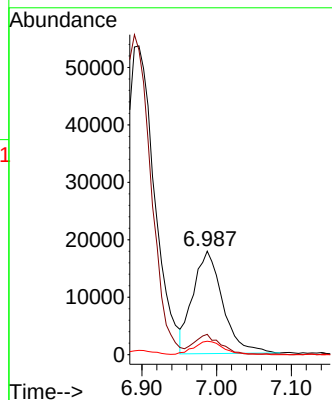
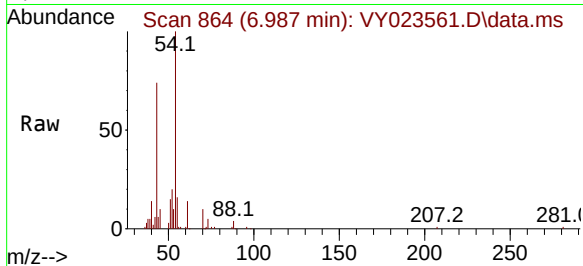




#37
Ethyl Acetate
Concen: 19.142 ug/l
RT: 6.987 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

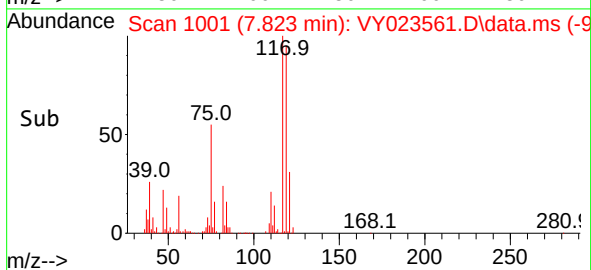
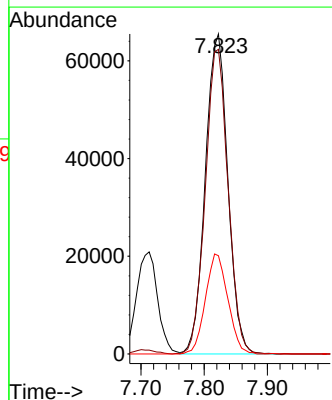
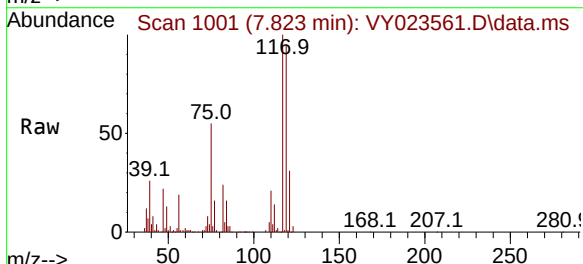
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

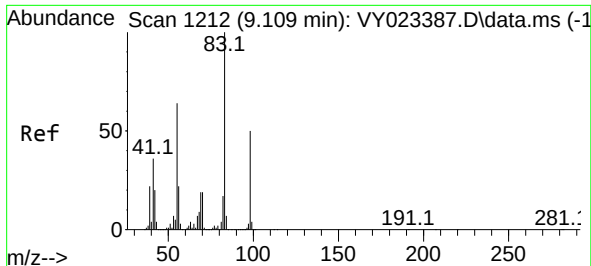
Tgt Ion: 43 Resp: 49292
Ion Ratio Lower Upper
43 100
61 16.7 11.8 17.8
70 13.3 10.5 15.7



#38
Carbon Tetrachloride
Concen: 20.617 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 117 Resp: 162485
Ion Ratio Lower Upper
117 100
119 95.2 76.8 115.2
121 30.7 24.5 36.7





#39

Methylcyclohexane

Concen: 19.984 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023561.D

Acq: 24 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1024SBS01

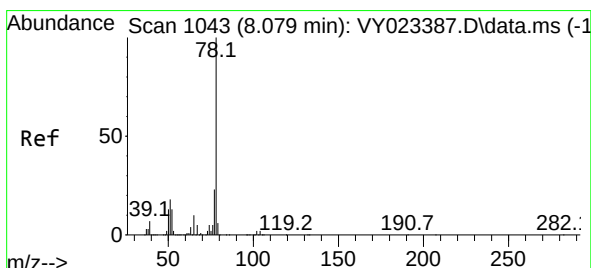
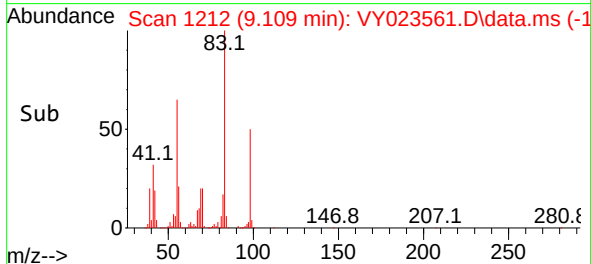
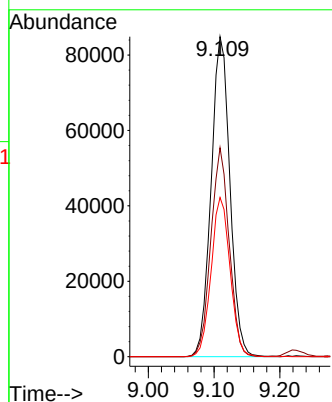
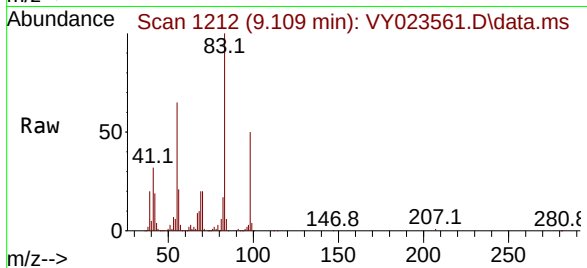
Tgt Ion: 83 Resp: 169117

Ion Ratio Lower Upper

83 100

55 65.3 51.4 77.2

98 49.7 40.4 60.6



#40

Benzene

Concen: 20.712 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY023561.D

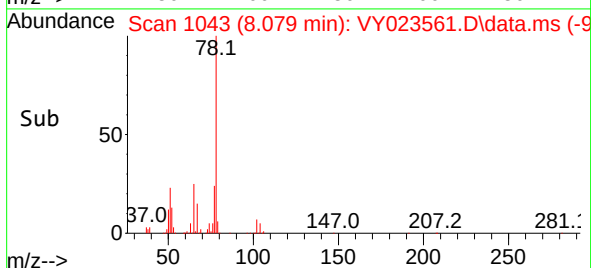
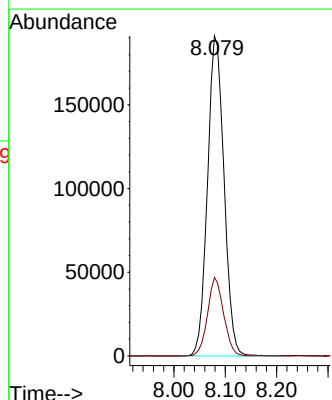
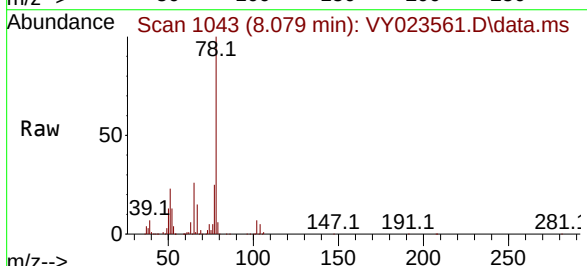
Acq: 24 Oct 2025 09:52

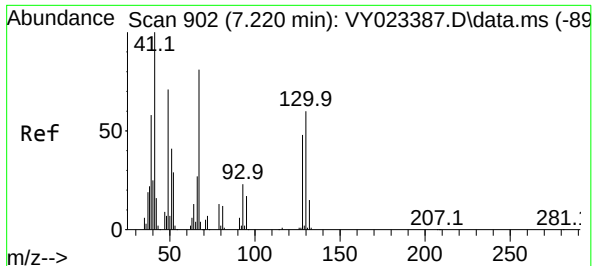
Tgt Ion: 78 Resp: 426341

Ion Ratio Lower Upper

78 100

77 24.5 18.3 27.5

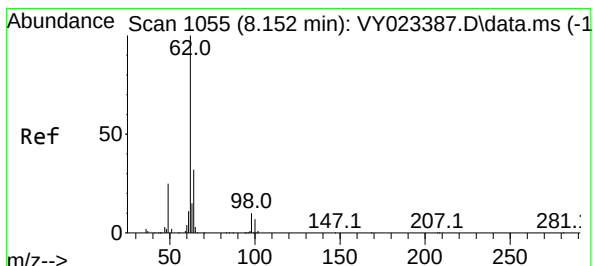
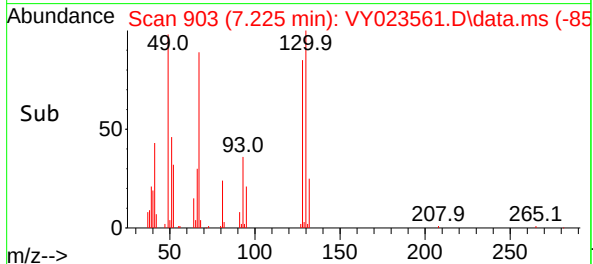
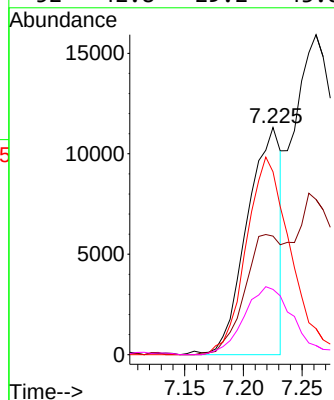
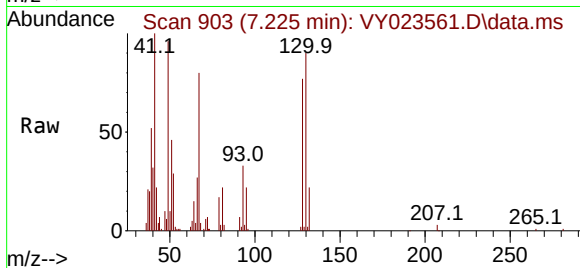




#41
Methacrylonitrile
Concen: 16.378 ug/l
RT: 7.225 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

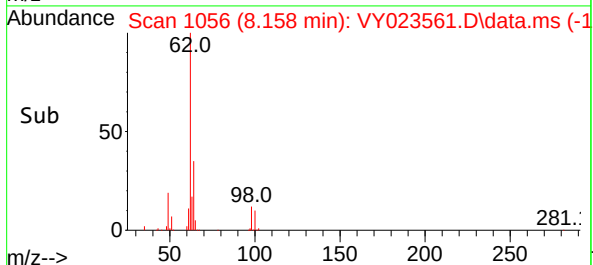
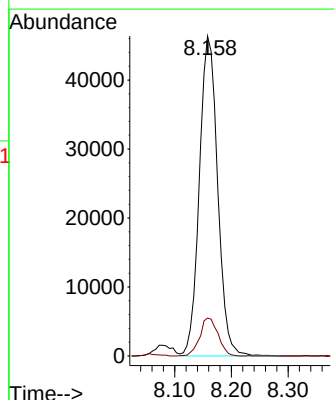
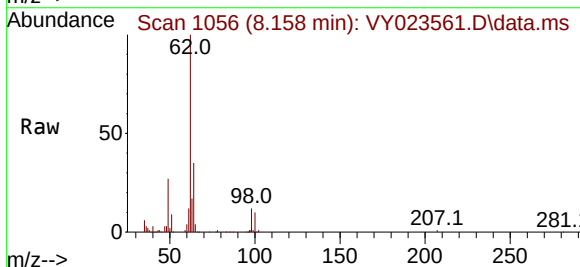
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

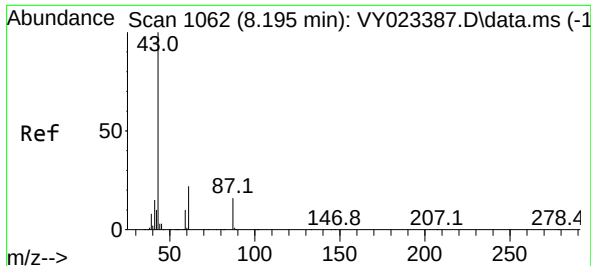
Tgt Ion:	41	Resp:	22809
Ion	Ratio	Lower	Upper
41	100		
39	55.7	52.2	78.4
67	113.7	74.9	112.3
52	42.8	29.2	43.8



#42
1,2-Dichloroethane
Concen: 19.599 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:	62	Resp:	104042
Ion	Ratio	Lower	Upper
62	100		
98	11.8	0.0	21.6

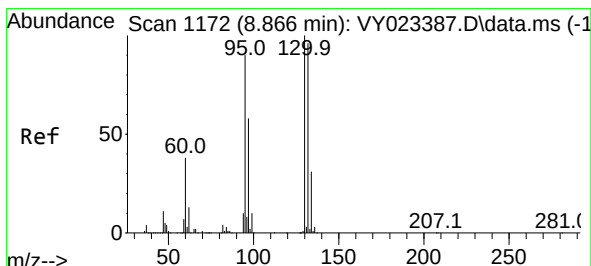
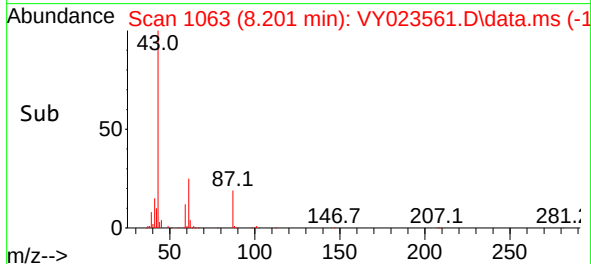
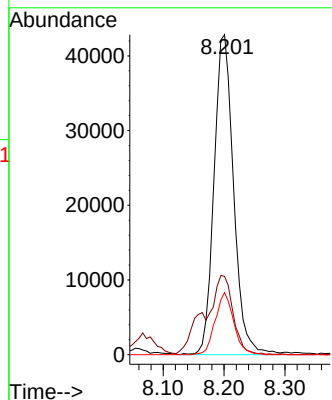
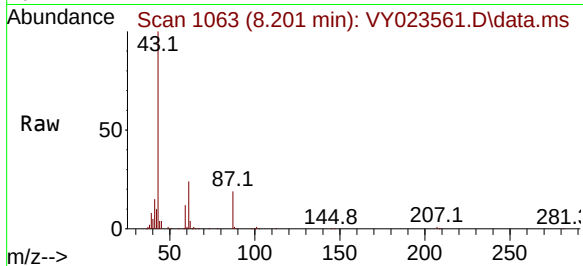




#43
Isopropyl Acetate
Concen: 18.643 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

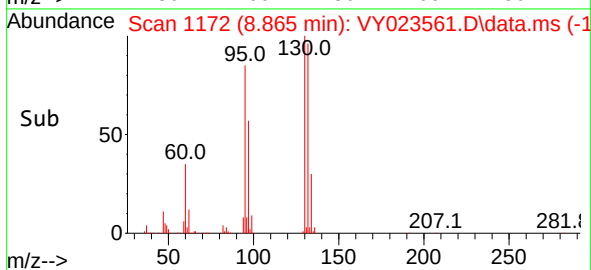
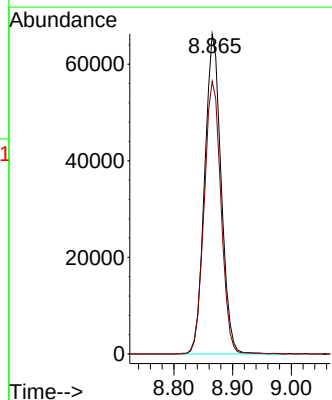
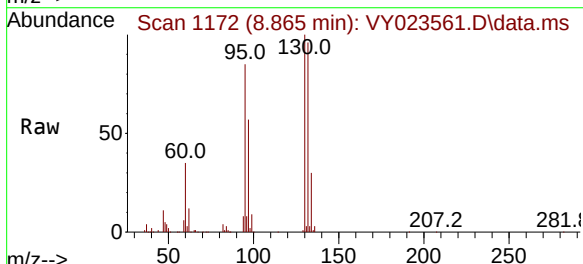
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

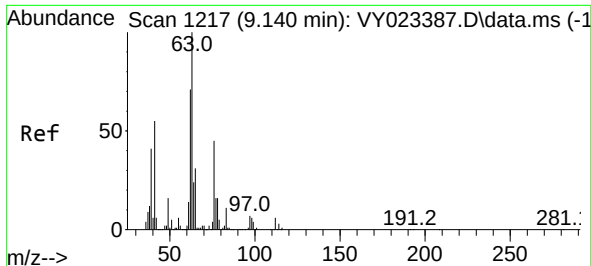
Tgt Ion: 43 Resp: 95722
Ion Ratio Lower Upper
43 100
61 25.4 18.1 27.1
87 18.4 13.5 20.3



#44
Trichloroethene
Concen: 21.383 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:130 Resp: 128825
Ion Ratio Lower Upper
130 100
95 85.1 0.0 180.6





#45

1,2-Dichloropropane

Concen: 20.304 ug/l

RT: 9.146 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023561.D

Acq: 24 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

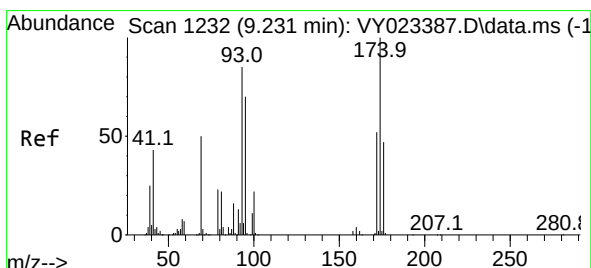
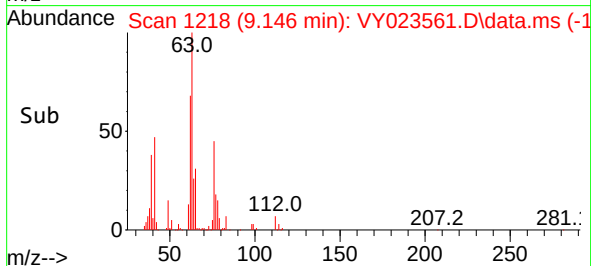
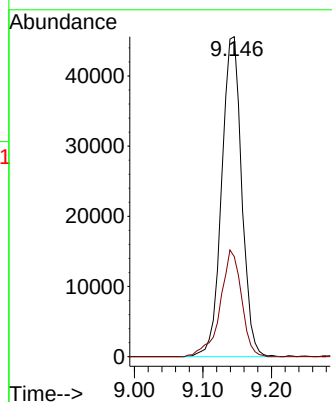
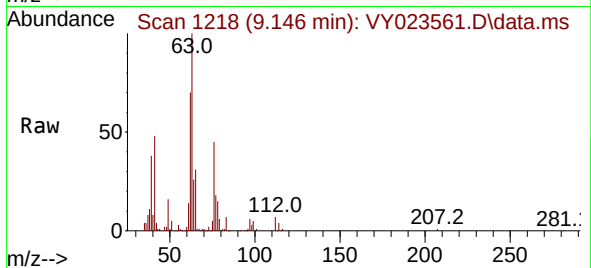
VY1024SBS01

Tgt Ion: 63 Resp: 92312

Ion Ratio Lower Upper

63 100

65 31.2 24.9 37.3



#46

Dibromomethane

Concen: 20.831 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023561.D

Acq: 24 Oct 2025 09:52

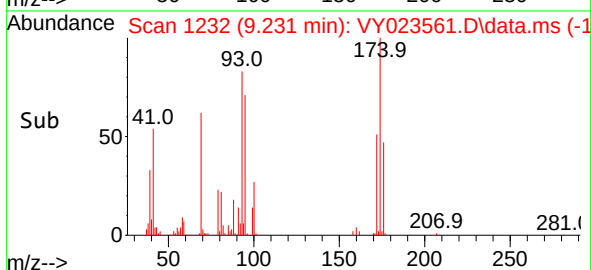
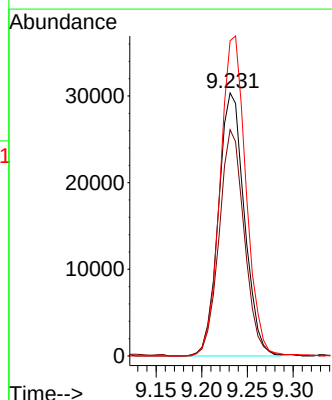
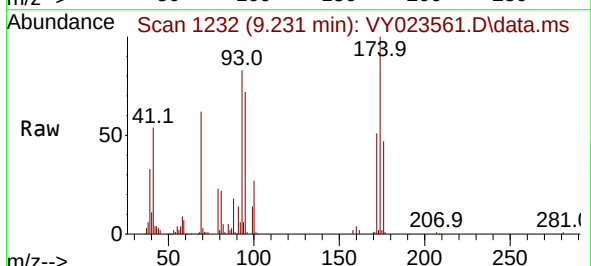
Tgt Ion: 93 Resp: 59886

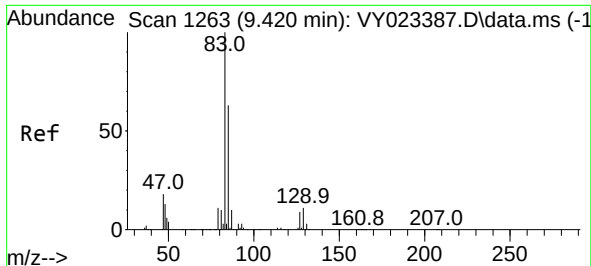
Ion Ratio Lower Upper

93 100

95 83.6 65.4 98.0

174 121.2 92.9 139.3

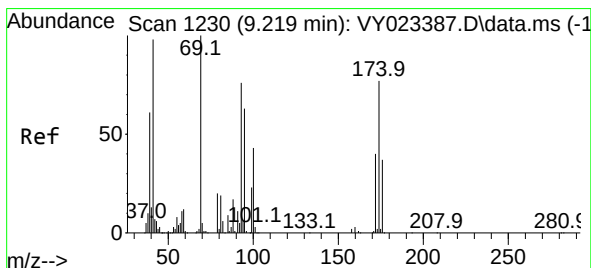
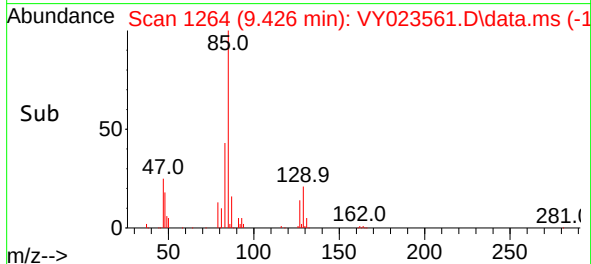
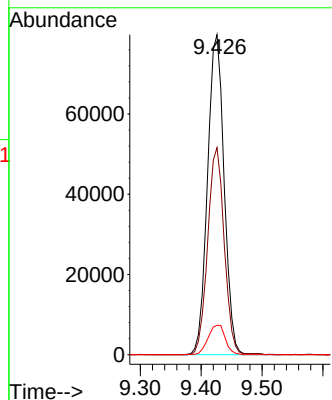
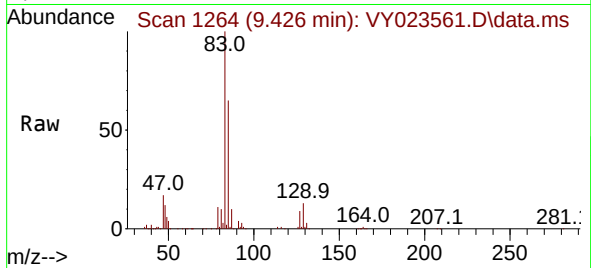




#47
Bromodichloromethane
Concen: 20.839 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

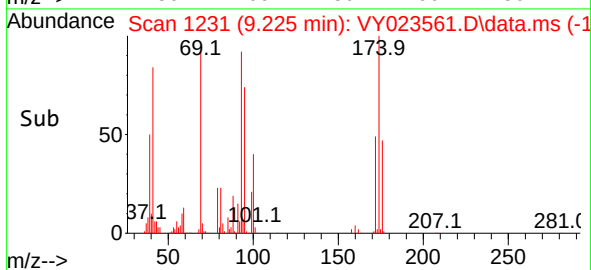
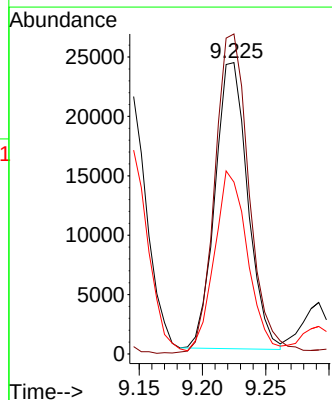
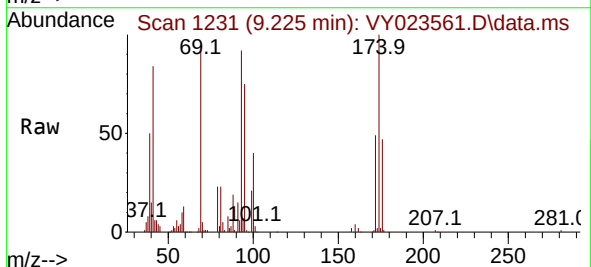
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

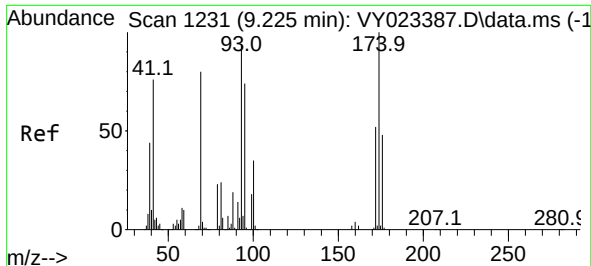
Tgt Ion: 83 Resp: 150883
Ion Ratio Lower Upper
83 100
85 64.7 50.8 76.2
127 9.2 7.4 11.2



#48
Methyl methacrylate
Concen: 17.966 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 41 Resp: 43337
Ion Ratio Lower Upper
41 100
69 116.4 81.0 121.4
39 63.2 48.2 72.4





#49

1,4-Dioxane

Concen: 389.621 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023561.D

Acq: 24 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1024SBS01

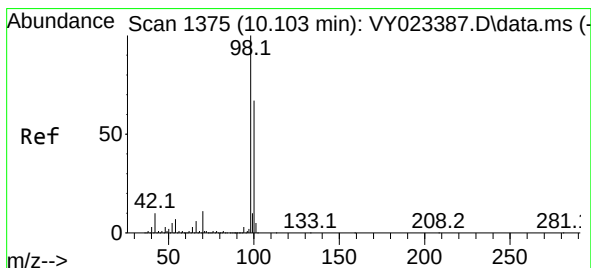
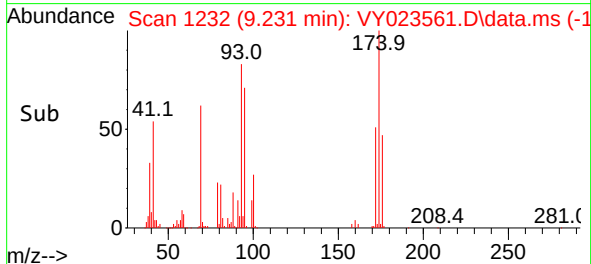
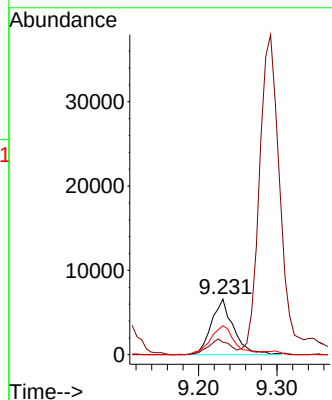
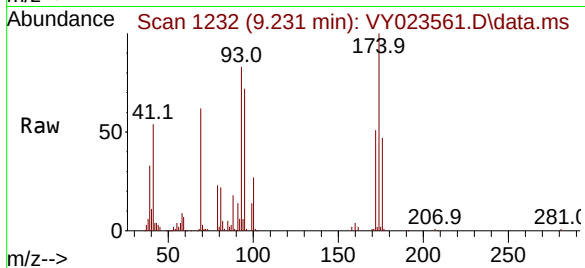
Tgt Ion: 88 Resp: 12987

Ion Ratio Lower Upper

88 100

43 27.4 21.8 32.8

58 55.9 46.8 70.2



#50

Toluene-d8

Concen: 48.371 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023561.D

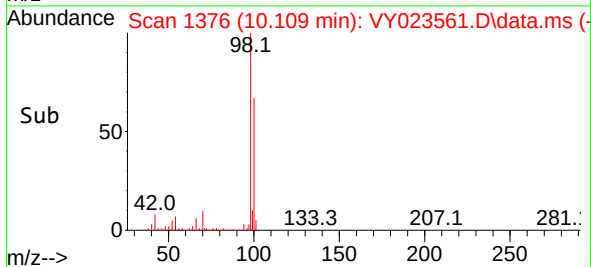
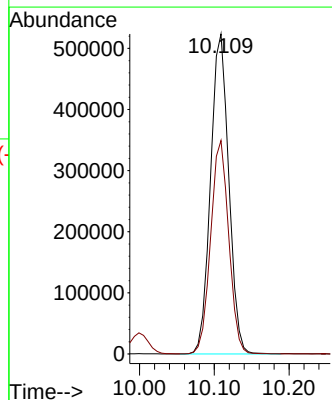
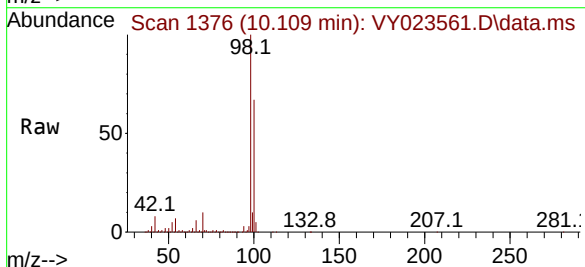
Acq: 24 Oct 2025 09:52

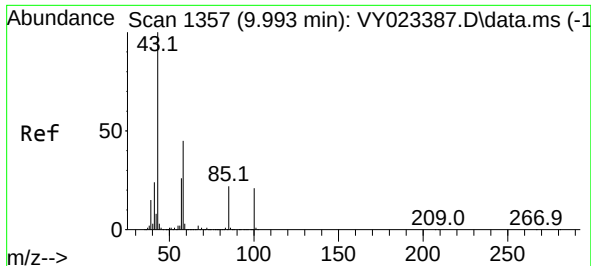
Tgt Ion: 98 Resp: 884395

Ion Ratio Lower Upper

98 100

100 66.3 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 96.362 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023561.D

Acq: 24 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

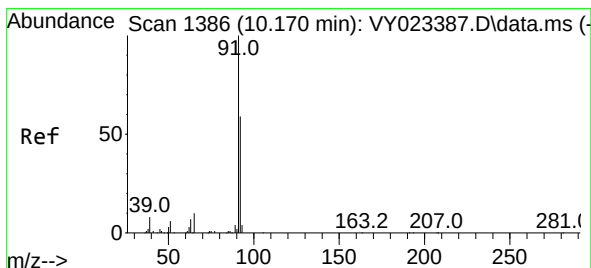
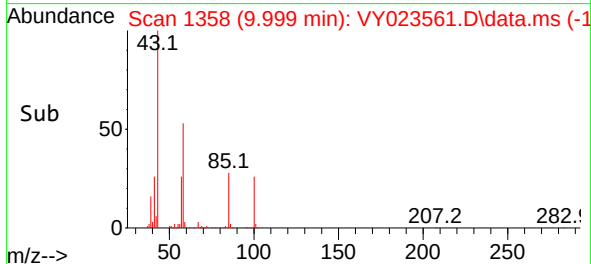
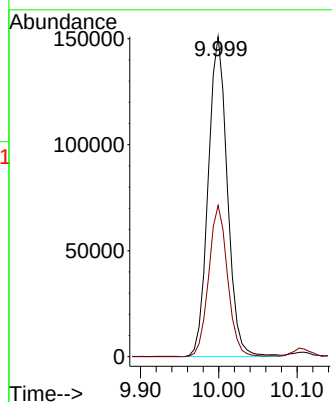
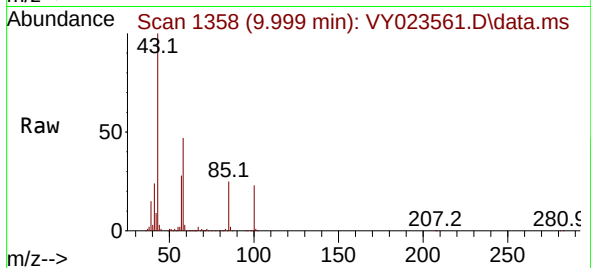
VY1024SBS01

Tgt Ion: 43 Resp: 255637

Ion Ratio Lower Upper

43 100

58 46.6 35.3 52.9



#52

Toluene

Concen: 21.281 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY023561.D

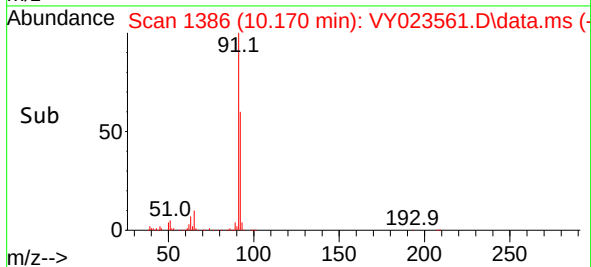
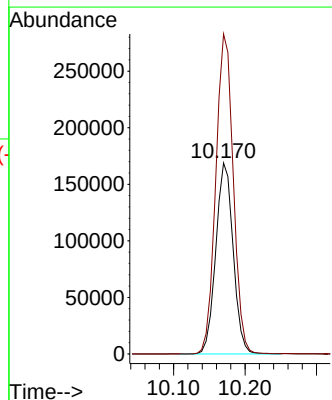
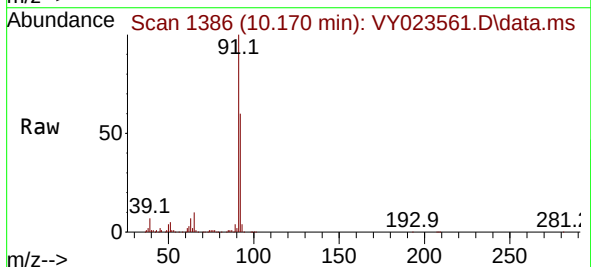
Acq: 24 Oct 2025 09:52

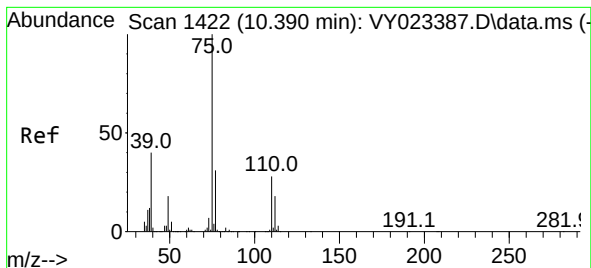
Tgt Ion: 92 Resp: 284413

Ion Ratio Lower Upper

92 100

91 168.8 136.4 204.6

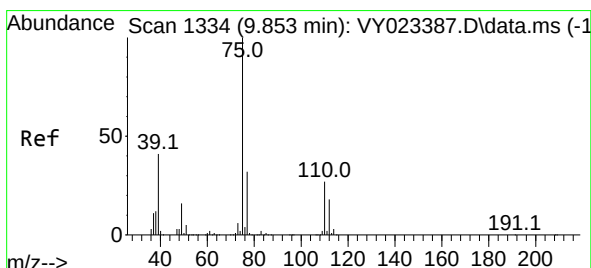
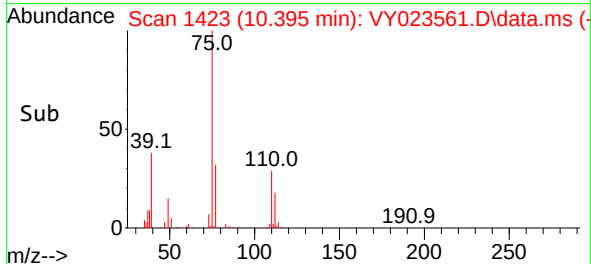
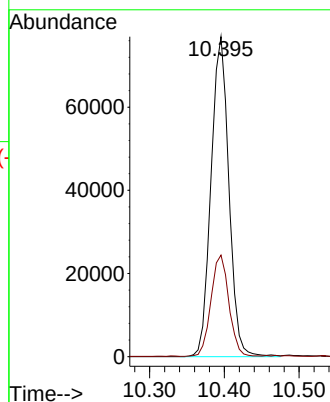
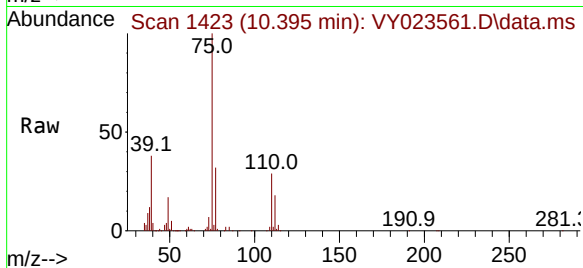




#53
t-1,3-Dichloropropene
Concen: 20.264 ug/l
RT: 10.395 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

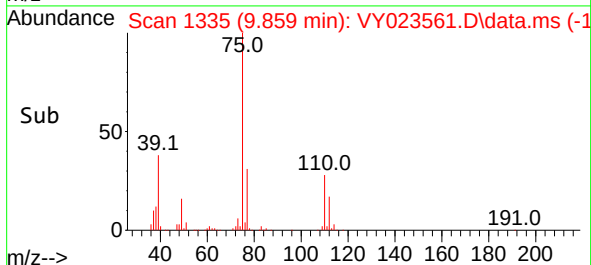
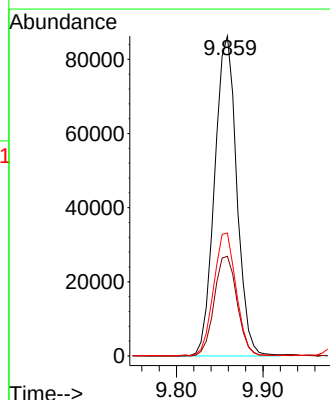
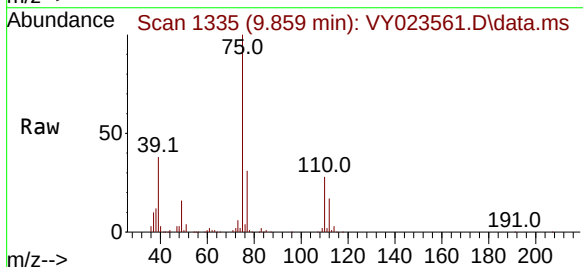
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

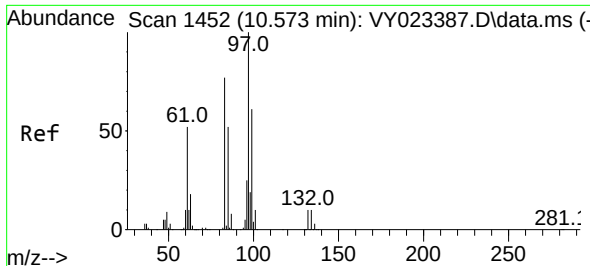
Tgt Ion: 75 Resp: 127577
Ion Ratio Lower Upper
75 100
77 31.7 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 20.608 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 75 Resp: 153131
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0
39 38.3 32.8 49.2

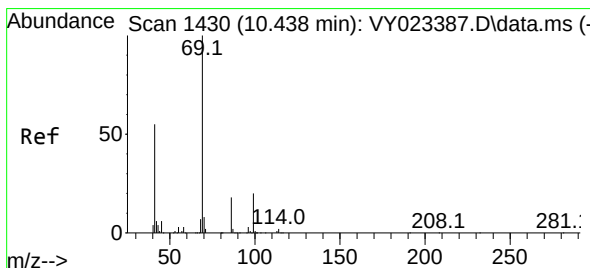
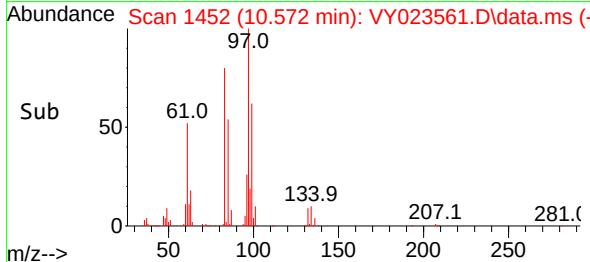
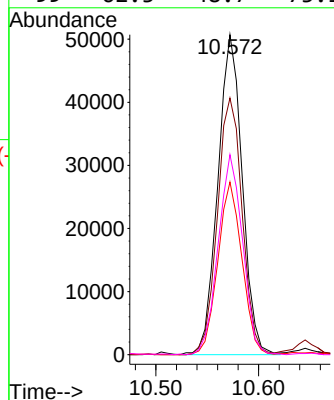
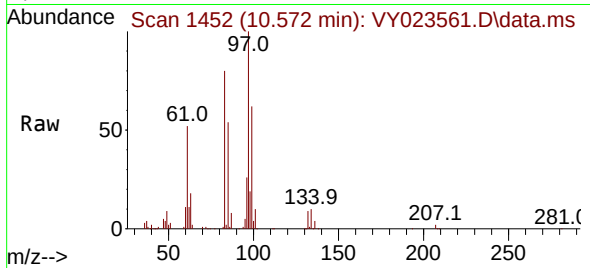




#55
1,1,2-Trichloroethane
Concen: 21.587 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

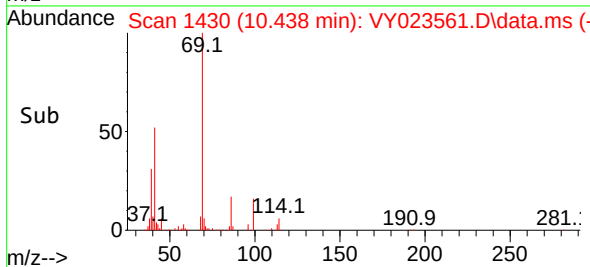
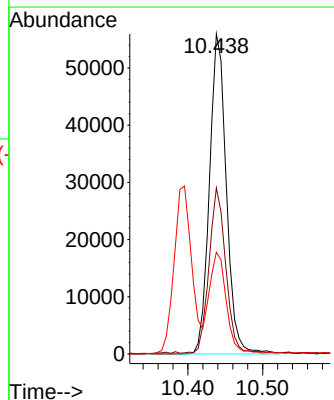
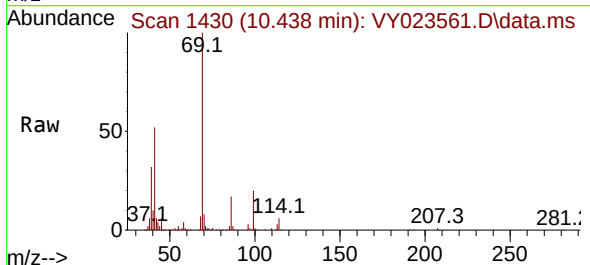
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

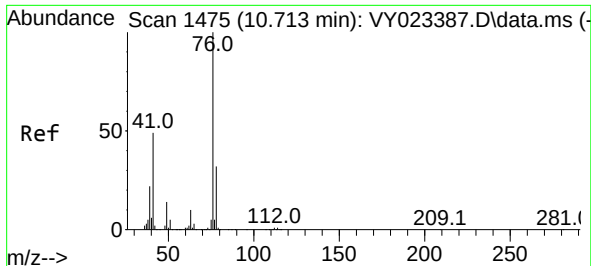
Tgt Ion: 97	Resp: 83454
Ion Ratio	Lower Upper
97 100	
83 80.2	61.8 92.6
85 53.9	41.3 61.9
99 62.3	48.7 73.1



#56
Ethyl methacrylate
Concen: 19.752 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 69	Resp: 88085
Ion Ratio	Lower Upper
69 100	
41 50.5	44.6 67.0
39 31.1	27.0 40.4





#57

1,3-Dichloropropane

Concen: 20.716 ug/l

RT: 10.718 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY023561.D

Acq: 24 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

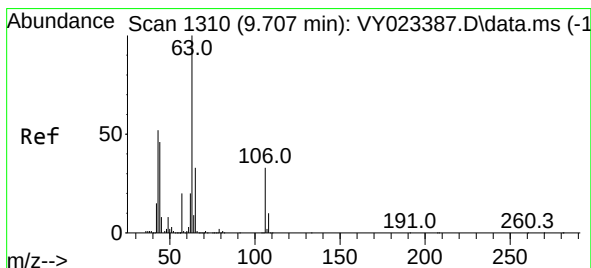
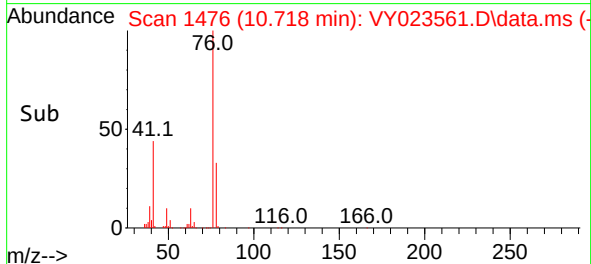
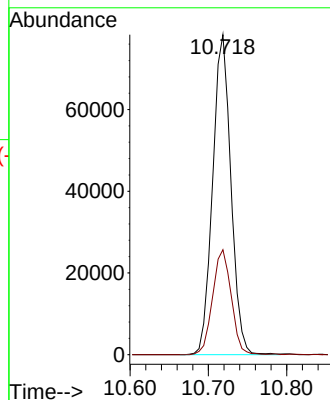
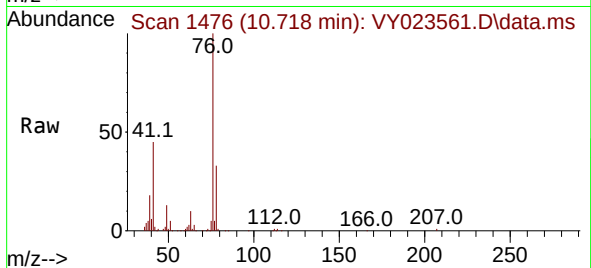
VY1024SBS01

Tgt Ion: 76 Resp: 126908

Ion Ratio Lower Upper

76 100

78 33.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 99.163 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023561.D

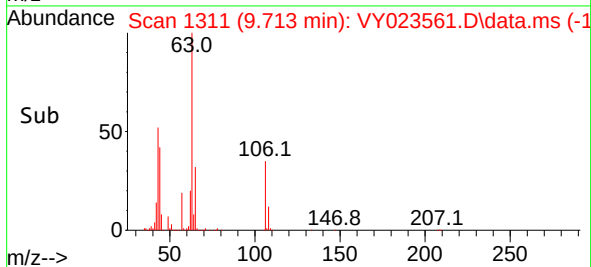
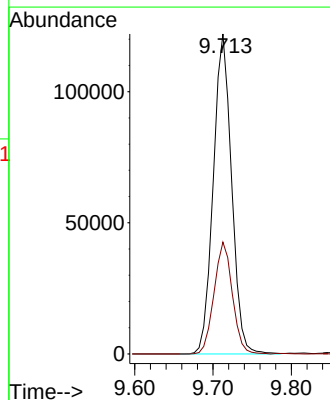
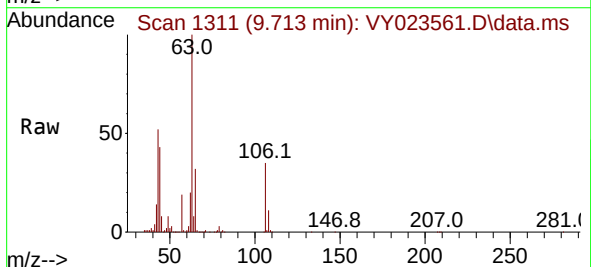
Acq: 24 Oct 2025 09:52

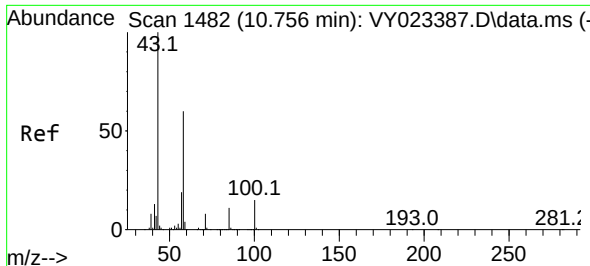
Tgt Ion: 63 Resp: 198103

Ion Ratio Lower Upper

63 100

106 34.9 26.6 39.8

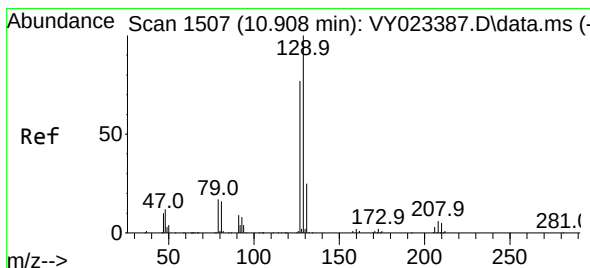
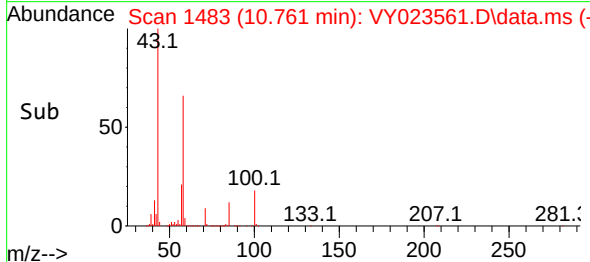
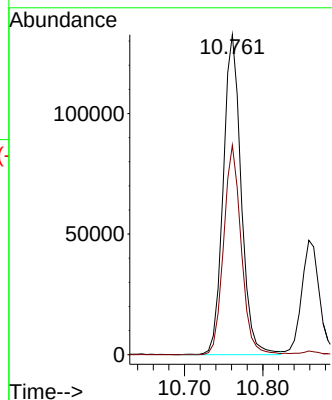
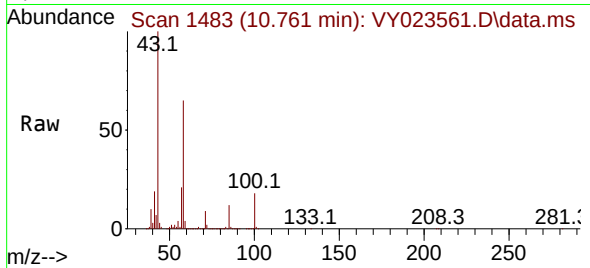




#59
2-Hexanone
Concen: 111.416 ug/l
RT: 10.761 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

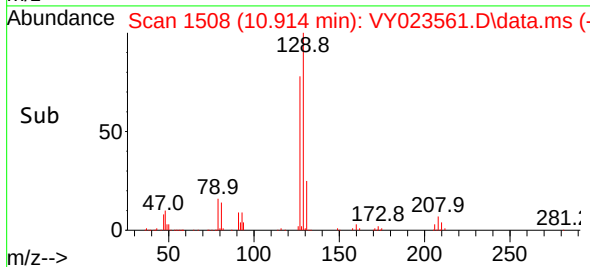
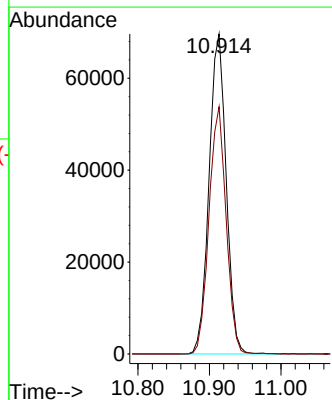
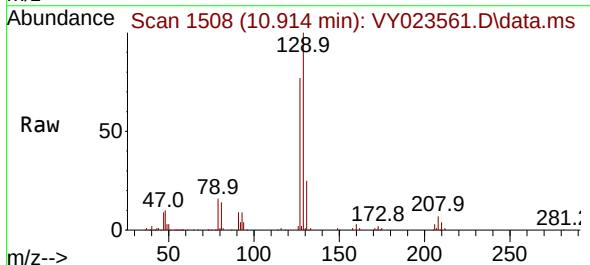
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

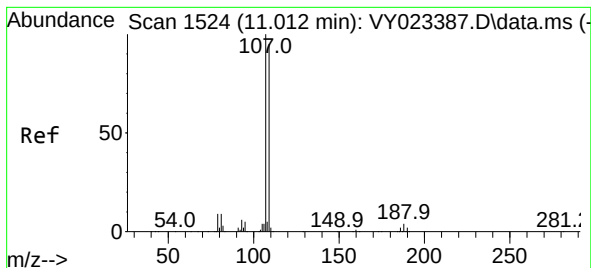
Tgt Ion: 43 Resp: 211229
Ion Ratio Lower Upper
43 100
58 64.1 30.5 91.5



#60
Dibromochloromethane
Concen: 21.342 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 129 Resp: 115677
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.7

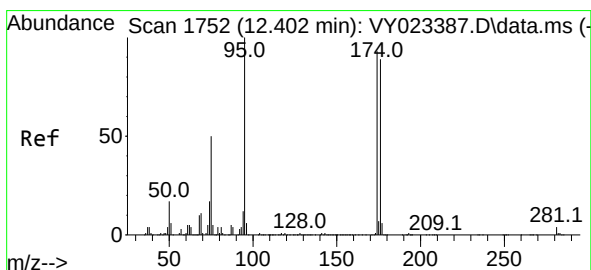
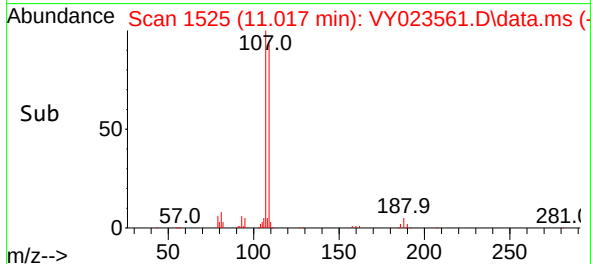
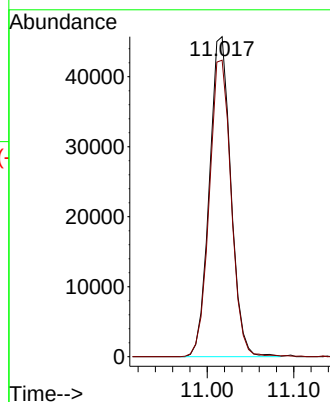
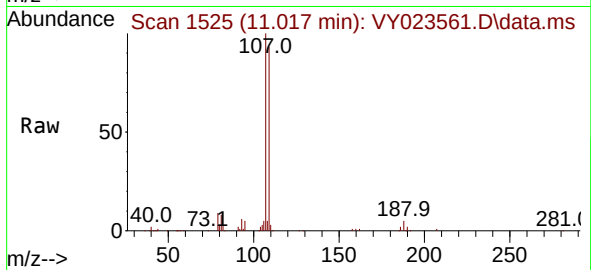




#61
1,2-Dibromoethane
Concen: 21.377 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

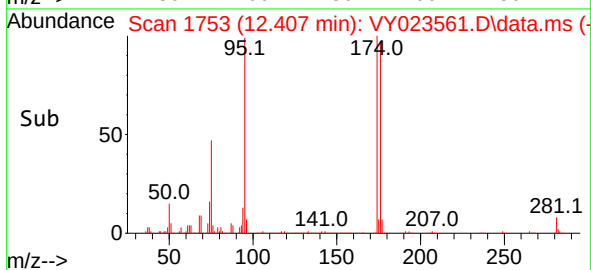
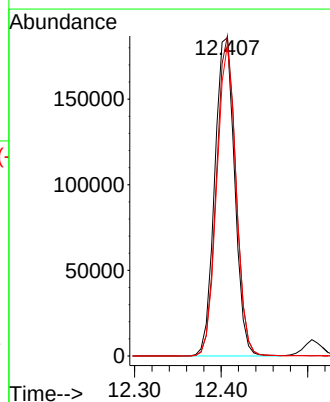
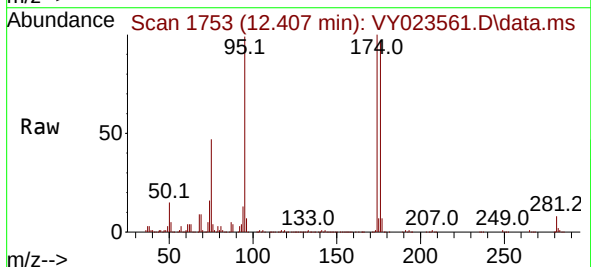
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

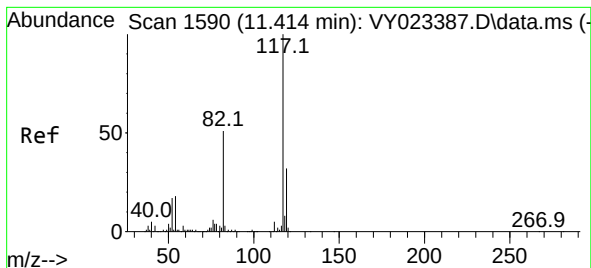
Tgt Ion:107 Resp: 78817
Ion Ratio Lower Upper
107 100
109 94.3 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 49.317 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 95 Resp: 297693
Ion Ratio Lower Upper
95 100
174 97.7 0.0 192.8
176 94.3 0.0 187.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.413 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023561.D

Acq: 24 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1024SBS01

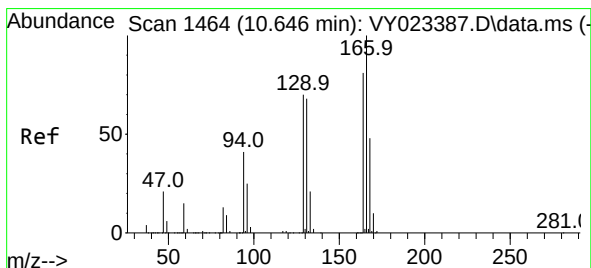
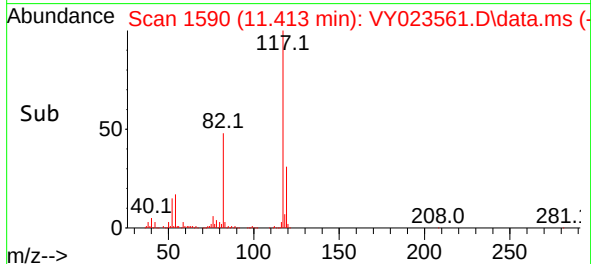
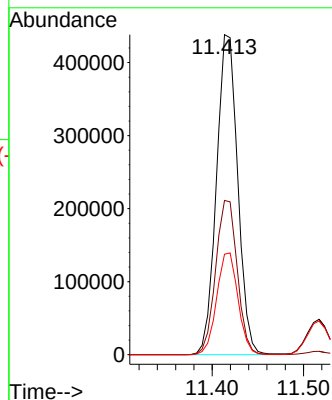
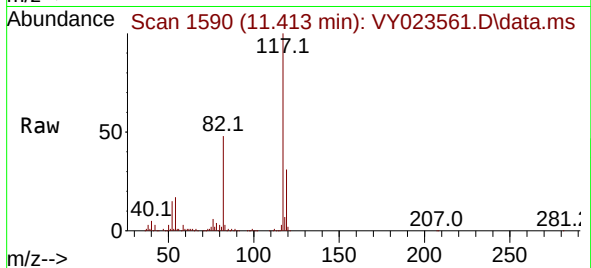
Tgt Ion:117 Resp: 709717

Ion Ratio Lower Upper

117 100

82 48.2 41.0 61.4

119 31.4 25.6 38.4



#64

Tetrachloroethene

Concen: 20.639 ug/l

RT: 10.645 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY023561.D

Acq: 24 Oct 2025 09:52

Tgt Ion:164 Resp: 151245

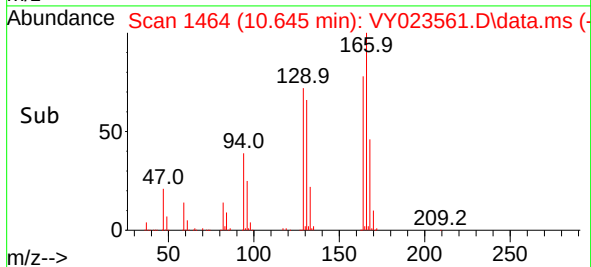
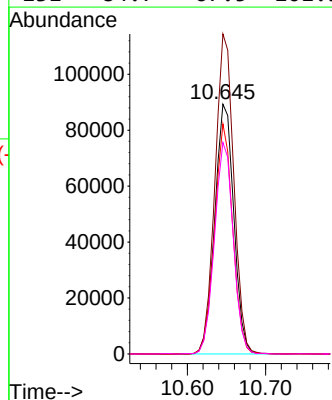
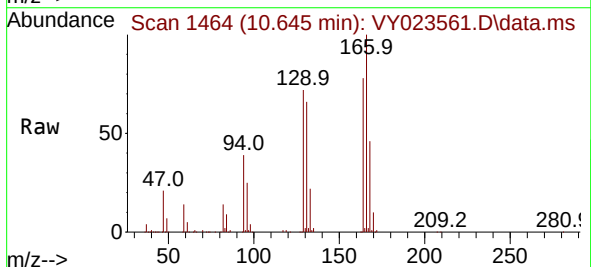
Ion Ratio Lower Upper

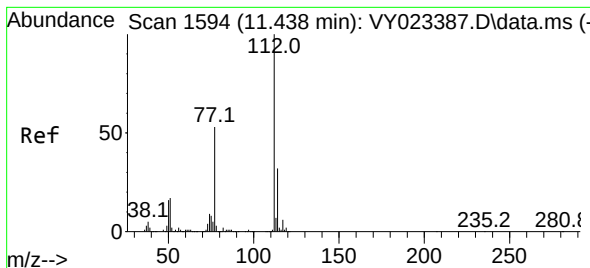
164 100

166 128.1 99.4 149.0

129 92.1 69.4 104.2

131 84.7 67.5 101.3





#65

Chlorobenzene

Concen: 20.861 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023561.D

Acq: 24 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

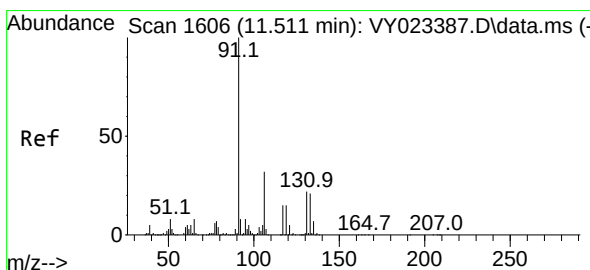
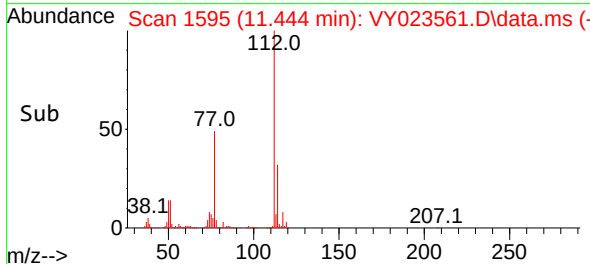
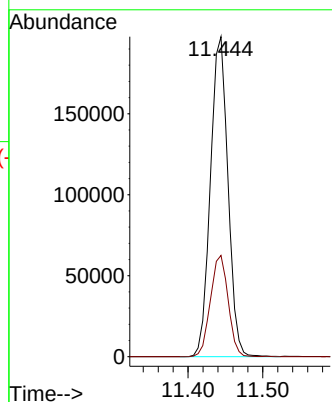
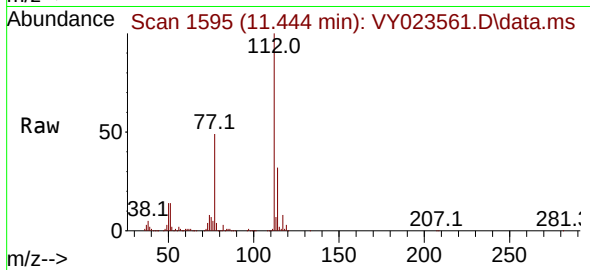
VY1024SBS01

Tgt Ion:112 Resp: 322004

Ion Ratio Lower Upper

112 100

114 31.7 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 21.195 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023561.D

Acq: 24 Oct 2025 09:52

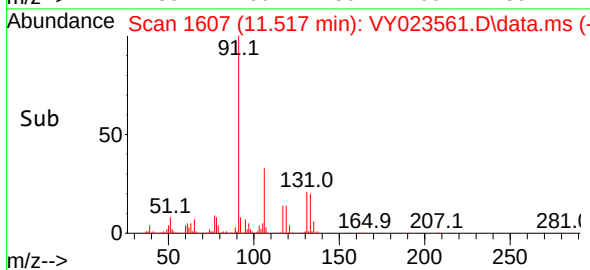
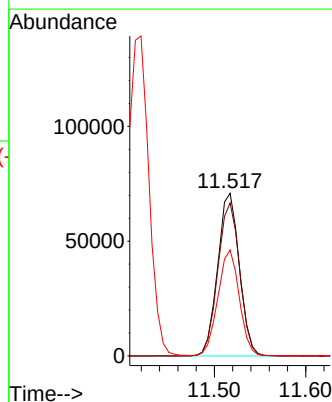
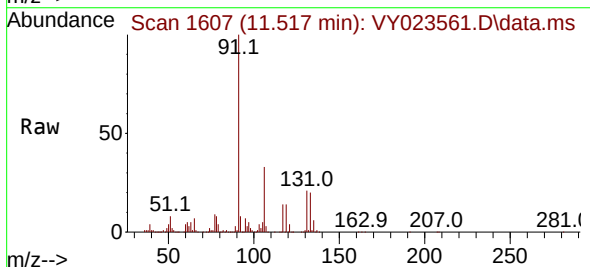
Tgt Ion:131 Resp: 116589

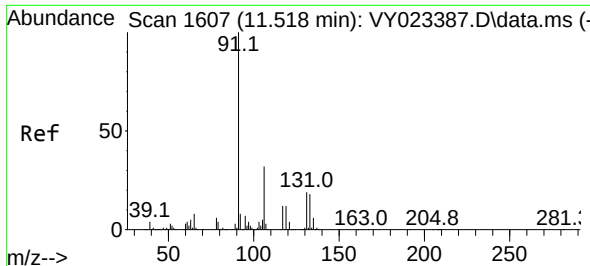
Ion Ratio Lower Upper

131 100

133 95.4 48.4 145.2

119 64.8 32.4 97.2

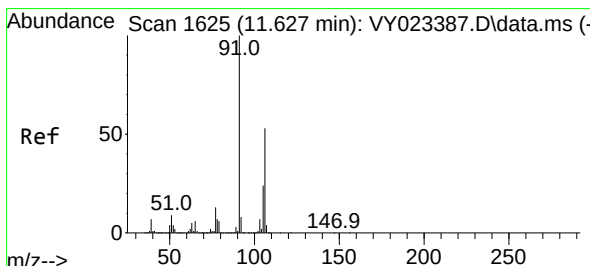
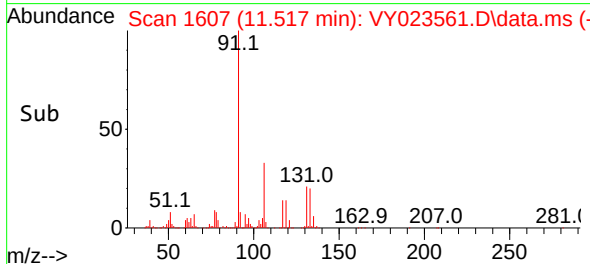
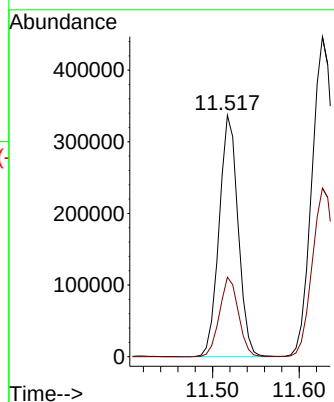
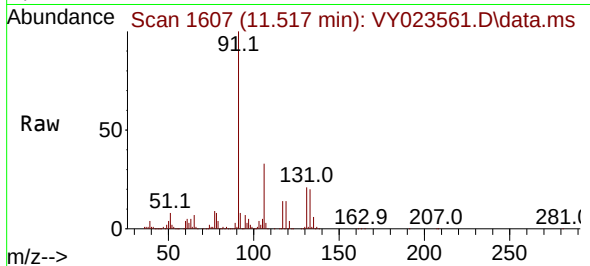




#67
Ethyl Benzene
Concen: 20.521 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

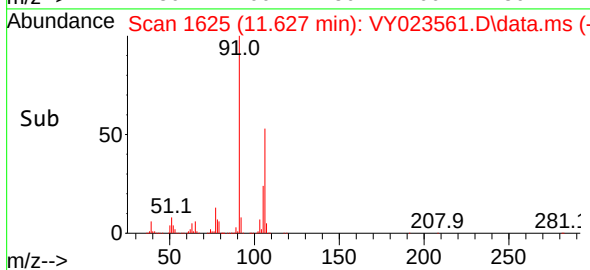
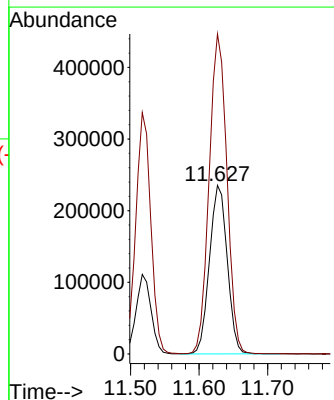
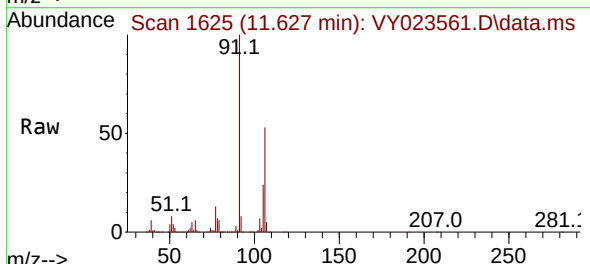
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

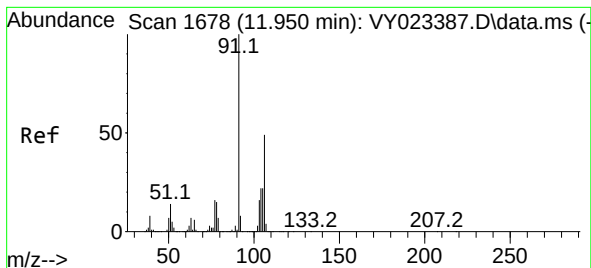
Tgt Ion: 91 Resp: 512753
Ion Ratio Lower Upper
91 100
106 32.9 25.8 38.8



#68
m/p-Xylenes
Concen: 42.257 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 106 Resp: 423494
Ion Ratio Lower Upper
106 100
91 189.9 152.6 229.0

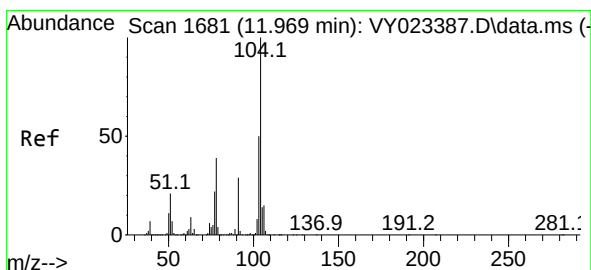
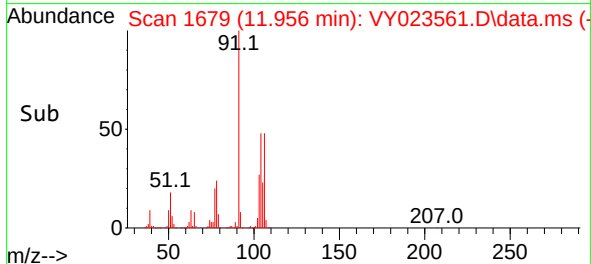
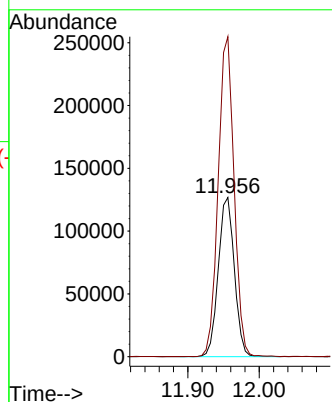
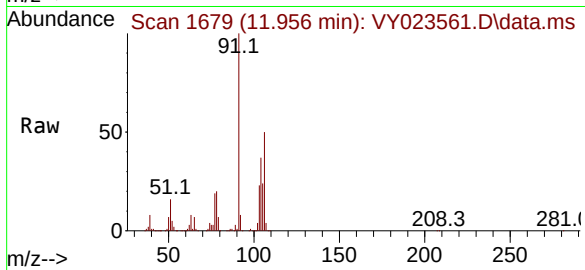




#69
o-Xylene
Concen: 21.072 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

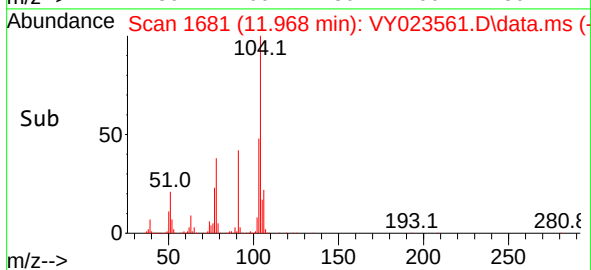
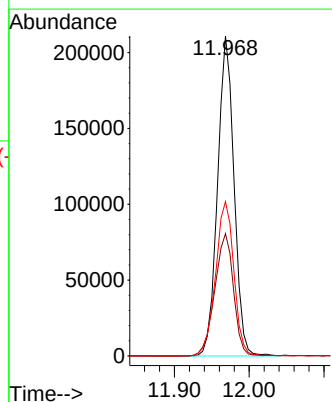
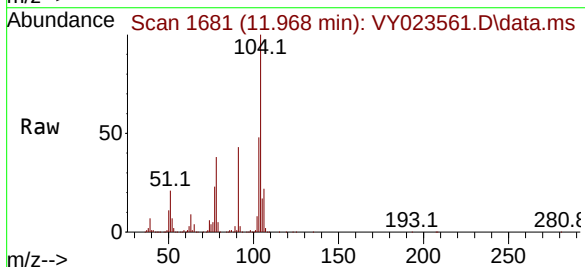
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

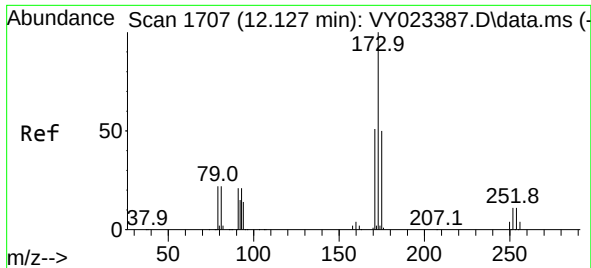
Tgt Ion:106 Resp: 198083
Ion Ratio Lower Upper
106 100
91 198.1 101.4 304.1



#70
Styrene
Concen: 20.949 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:104 Resp: 323830
Ion Ratio Lower Upper
104 100
78 43.4 36.1 54.1
103 53.7 43.2 64.8

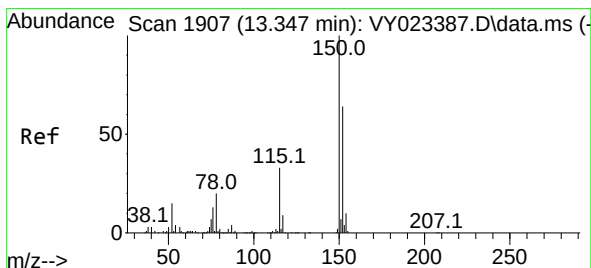
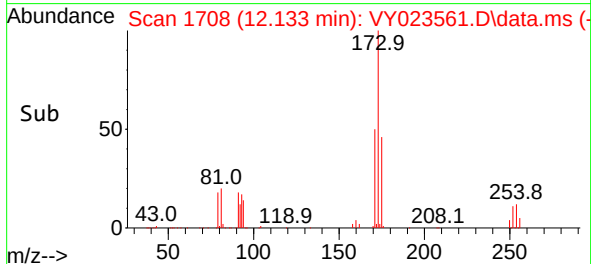
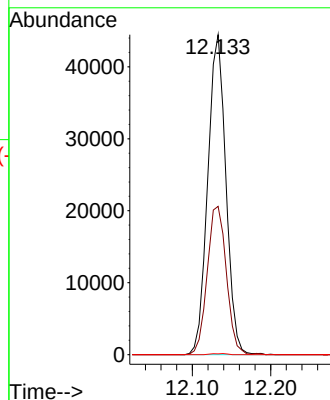
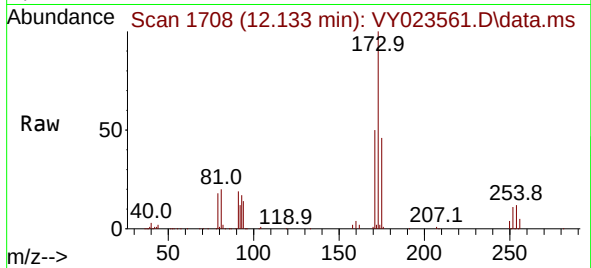




#71
Bromoform
Concen: 20.917 ug/l
RT: 12.133 min Scan# 1707
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

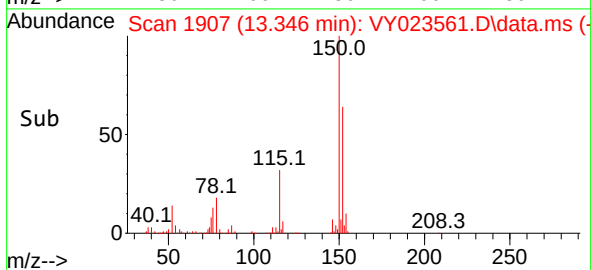
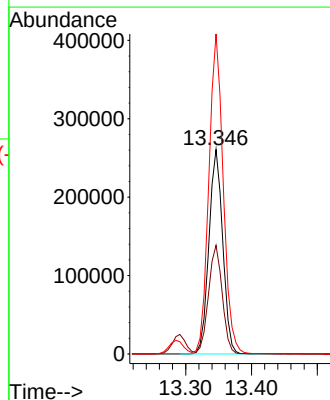
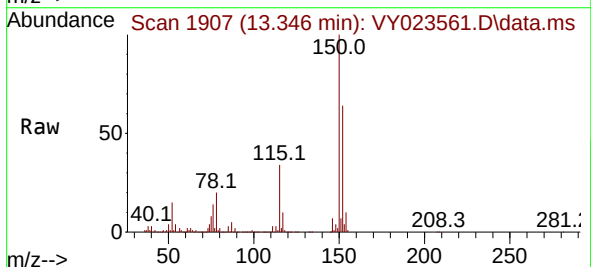
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

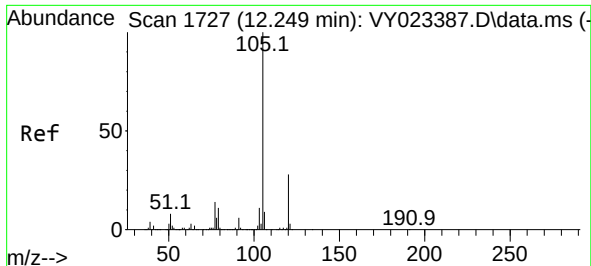
Tgt Ion:173 Resp: 71371
Ion Ratio Lower Upper
173 100
175 48.9 24.8 74.3
254 0.3 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:152 Resp: 380713
Ion Ratio Lower Upper
152 100
115 52.6 27.1 81.2
150 163.0 0.0 347.4

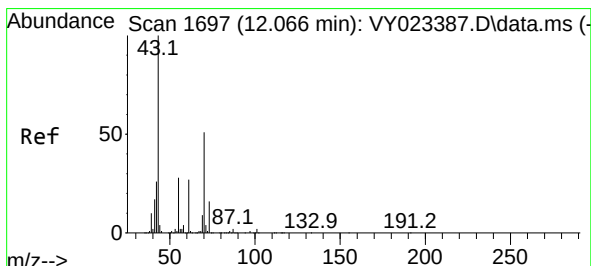
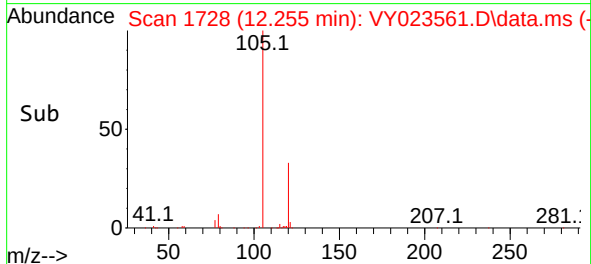
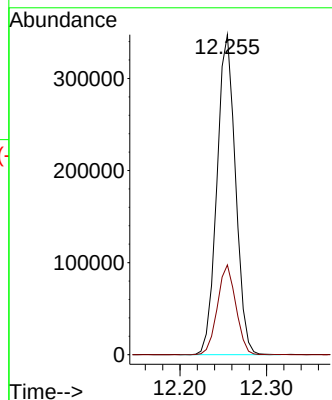
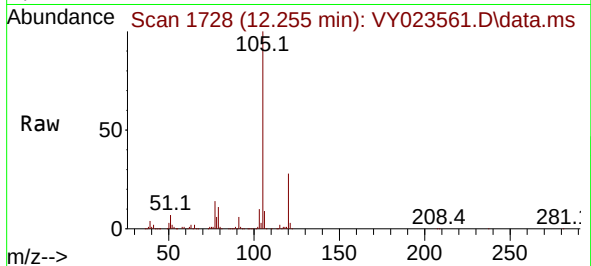




#73
Isopropylbenzene
Concen: 20.581 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

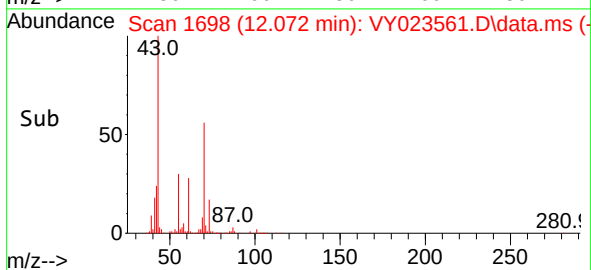
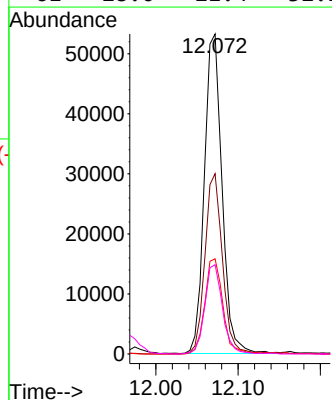
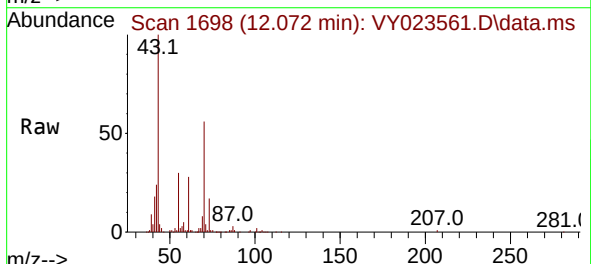
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

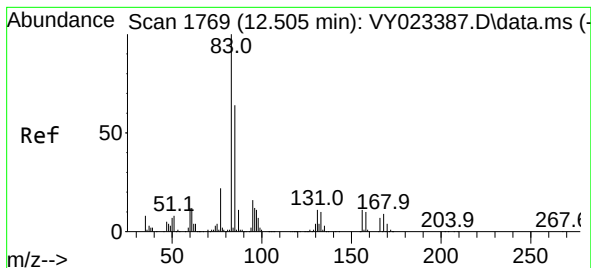
Tgt Ion:105 Resp: 516359
Ion Ratio Lower Upper
105 100
120 27.9 13.9 41.7



#74
N-ethyl acetate
Concen: 17.669 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 43 Resp: 79625
Ion Ratio Lower Upper
43 100
70 56.3 41.1 61.7
55 30.4 23.0 34.6
61 28.0 21.4 32.2

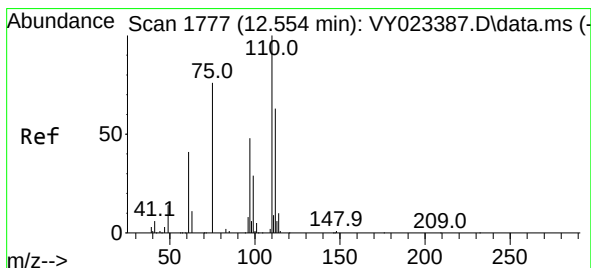
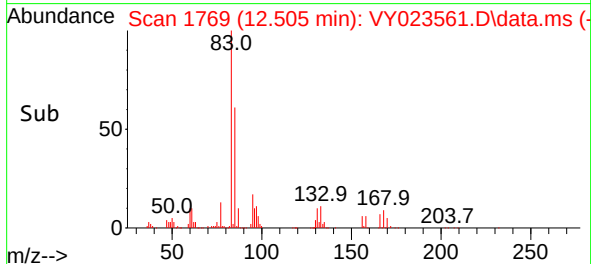
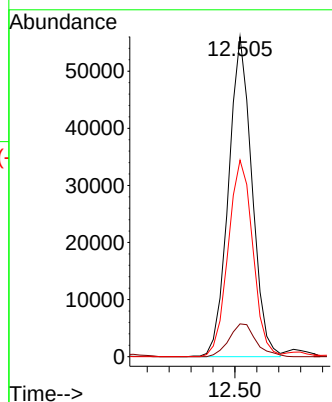
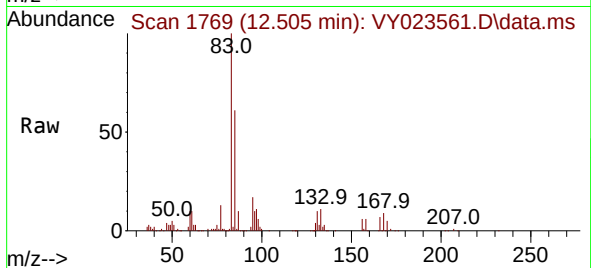




#75
1,1,2,2-Tetrachloroethane
Concen: 20.318 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

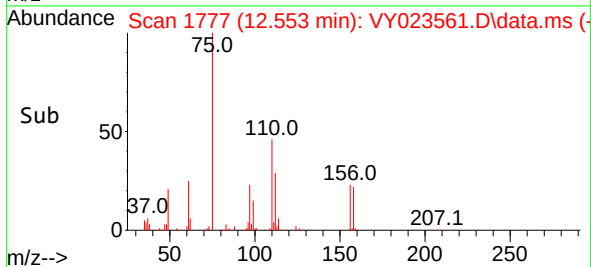
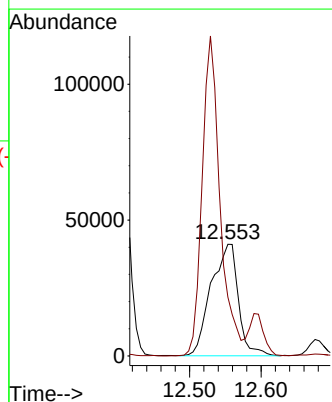
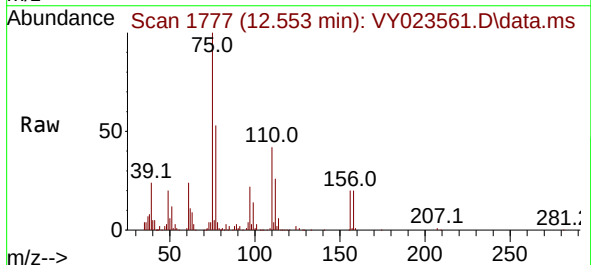
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

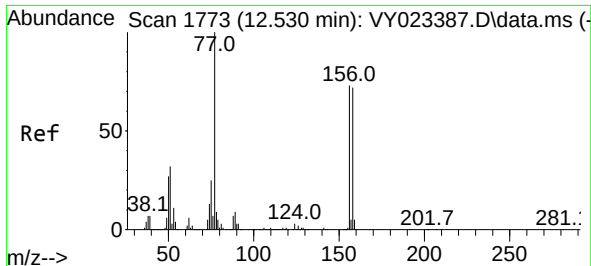
Tgt Ion: 83 Resp: 83375
Ion Ratio Lower Upper
83 100
131 11.8 5.9 17.6
85 64.5 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 32.341 ug/l
RT: 12.553 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 75 Resp: 108630
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

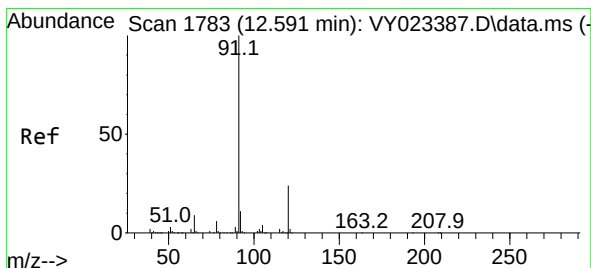
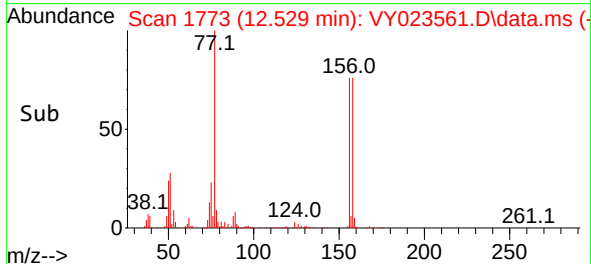
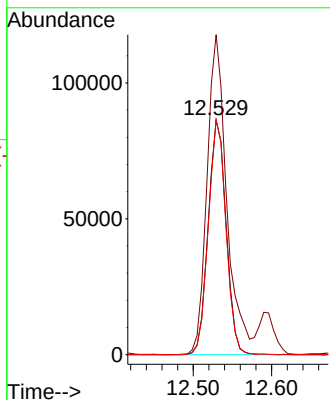
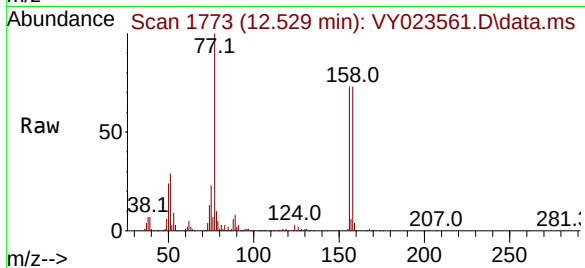




#77
Bromobenzene
Concen: 20.547 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

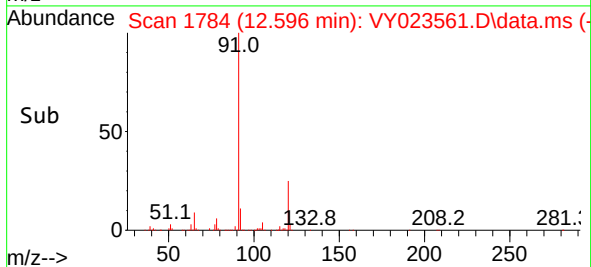
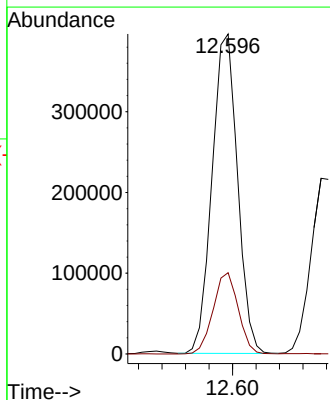
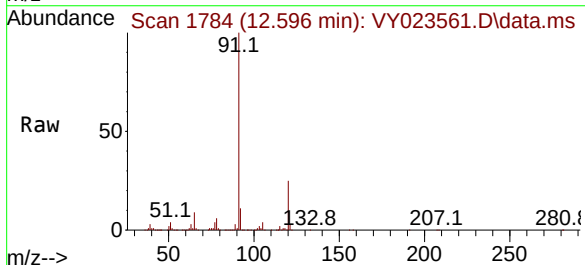
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

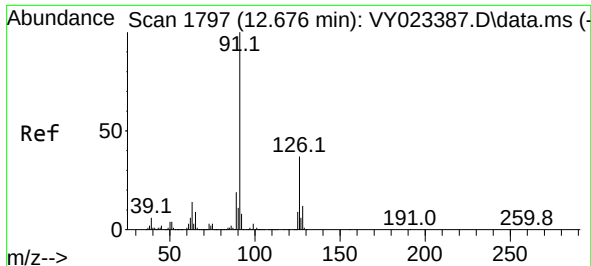
Tgt Ion:156 Resp: 137052
Ion Ratio Lower Upper
156 100
77 149.4 76.8 230.5
158 98.3 49.0 147.2



#78
n-propylbenzene
Concen: 20.520 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 91 Resp: 595772
Ion Ratio Lower Upper
91 100
120 25.1 12.3 36.8

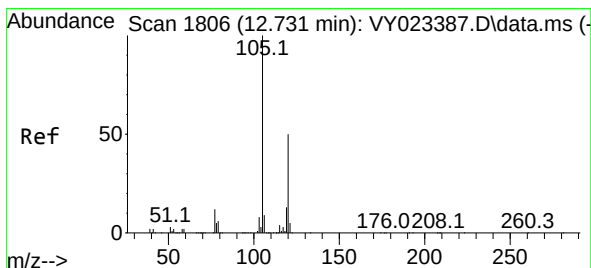
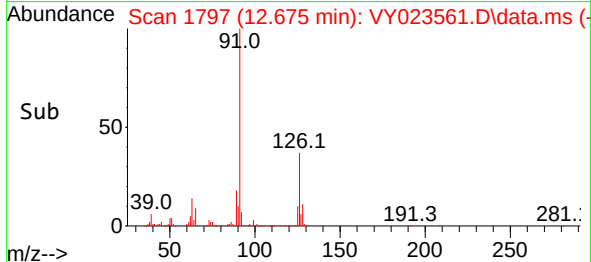
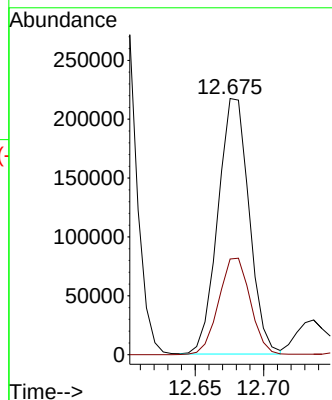
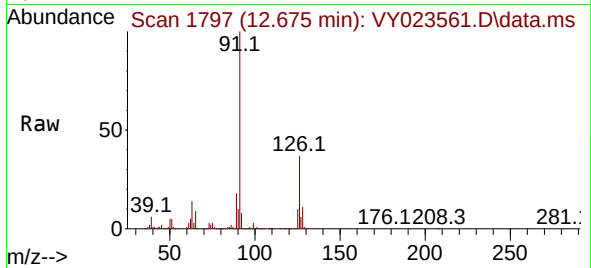




#79
2-Chlorotoluene
Concen: 20.287 ug/l
RT: 12.675 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

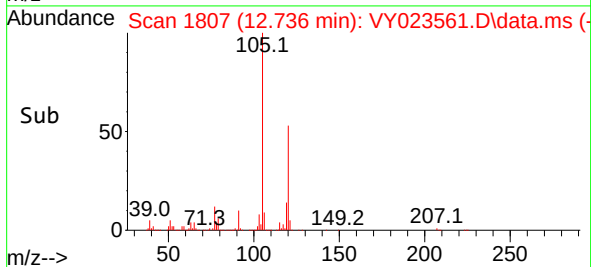
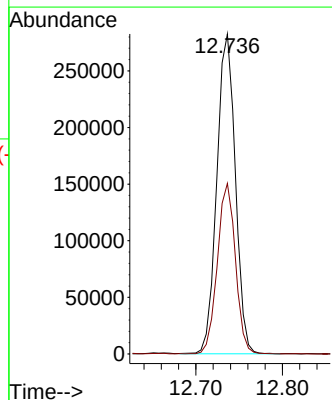
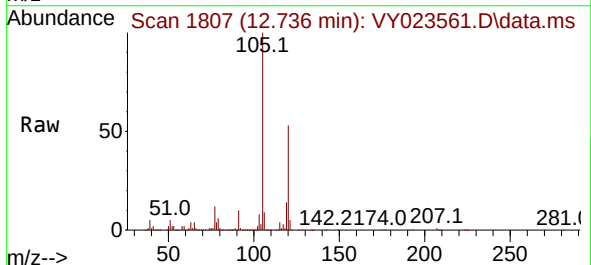
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

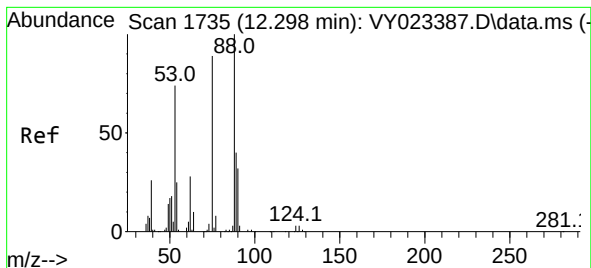
Tgt Ion: 91 Resp: 344916
Ion Ratio Lower Upper
91 100
126 38.3 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 20.686 ug/l
RT: 12.736 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 105 Resp: 419394
Ion Ratio Lower Upper
105 100
120 52.0 25.4 76.4

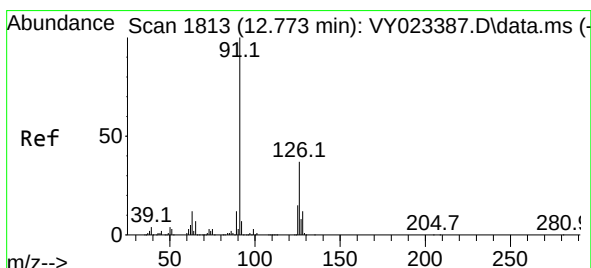
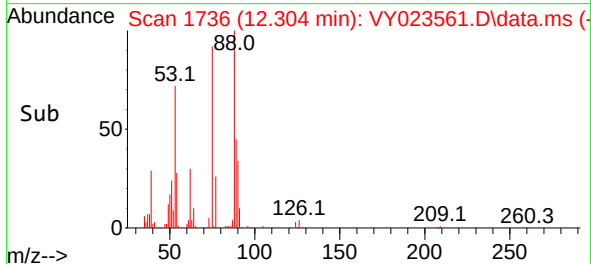
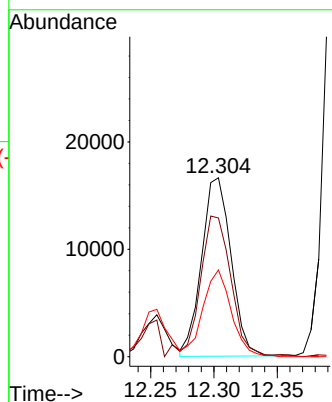
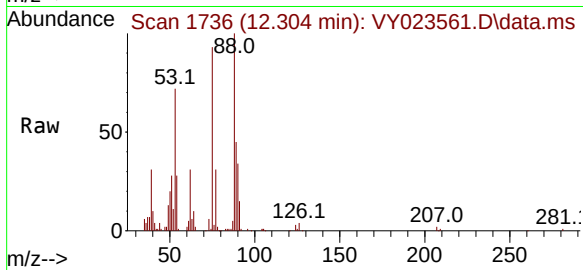




#81
trans-1,4-Dichloro-2-butene
Concen: 19.665 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

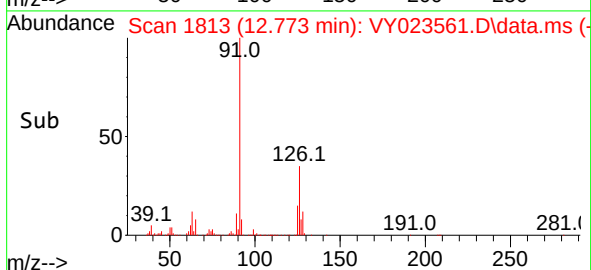
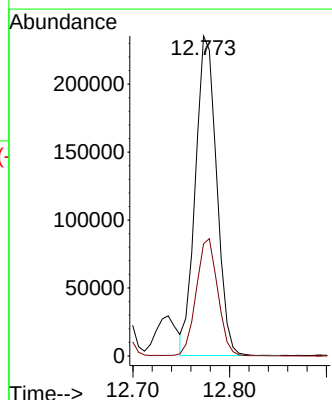
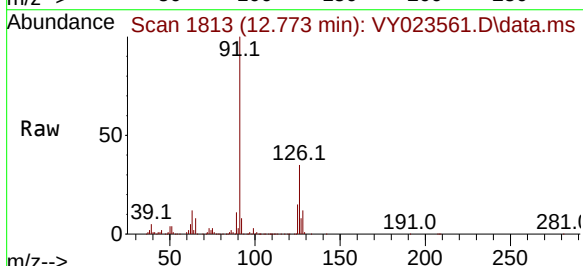
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

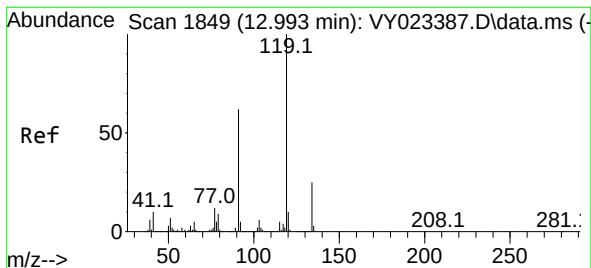
Tgt Ion: 75 Resp: 26936
Ion Ratio Lower Upper
75 100
53 80.9 68.6 102.8
89 46.9 39.0 58.4



#82
4-Chlorotoluene
Concen: 20.484 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 91 Resp: 358669
Ion Ratio Lower Upper
91 100
126 37.5 18.4 55.4





#83

tert-Butylbenzene

Concen: 20.942 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023561.D

Acq: 24 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1024SBS01

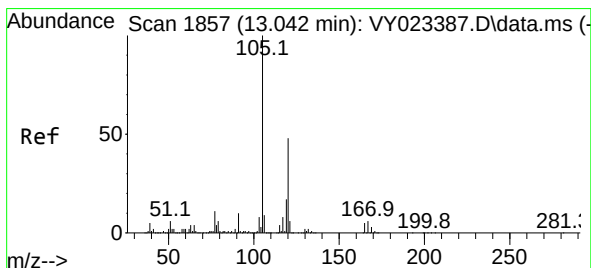
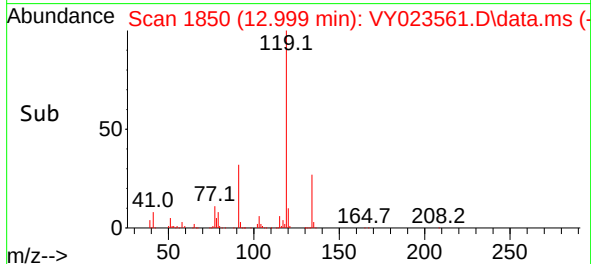
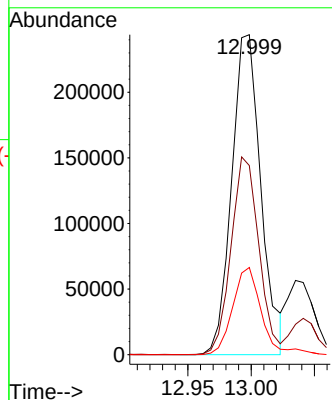
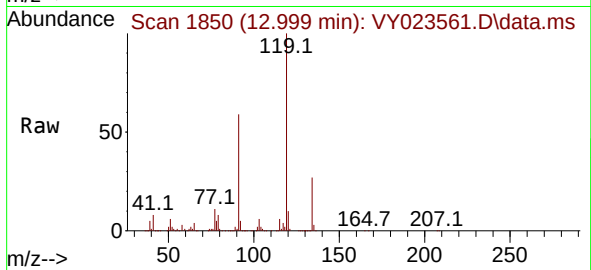
Tgt Ion:119 Resp: 392010

Ion Ratio Lower Upper

119 100

91 58.8 29.9 89.8

134 26.9 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 20.792 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY023561.D

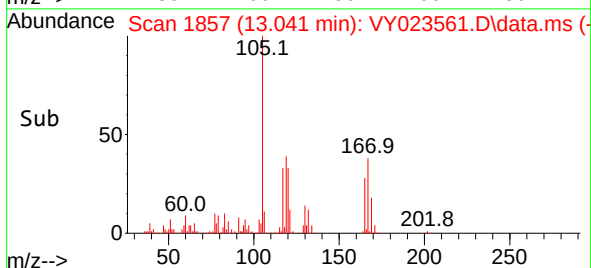
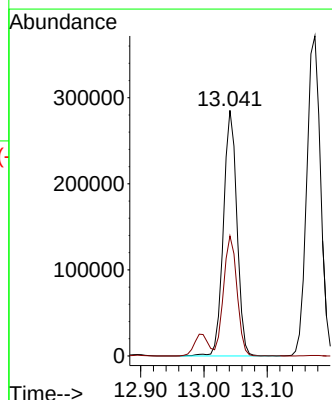
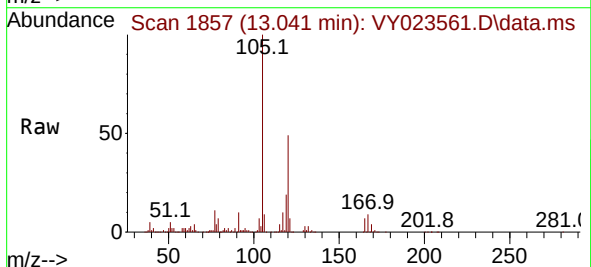
Acq: 24 Oct 2025 09:52

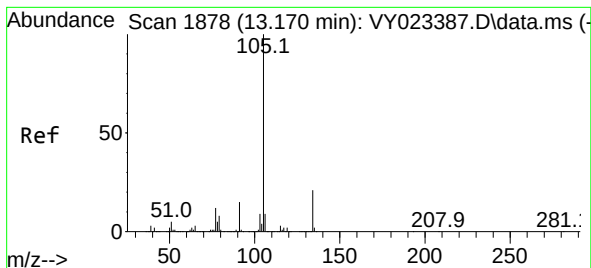
Tgt Ion:105 Resp: 420704

Ion Ratio Lower Upper

105 100

120 48.4 23.8 71.2





#85

sec-Butylbenzene

Concen: 20.869 ug/l

RT: 13.175 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023561.D

Acq: 24 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

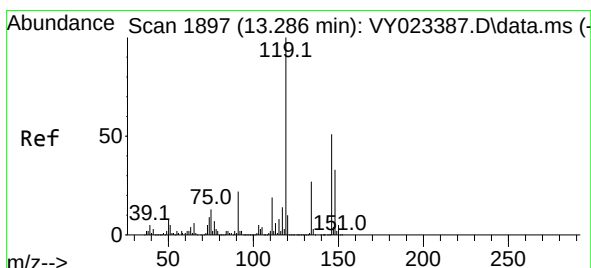
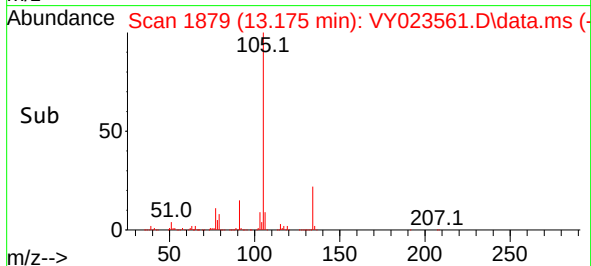
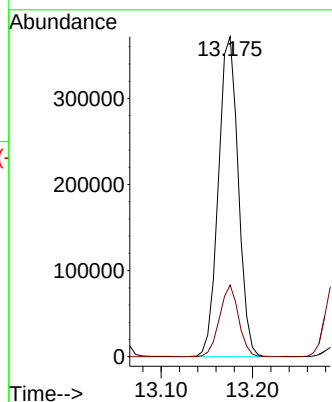
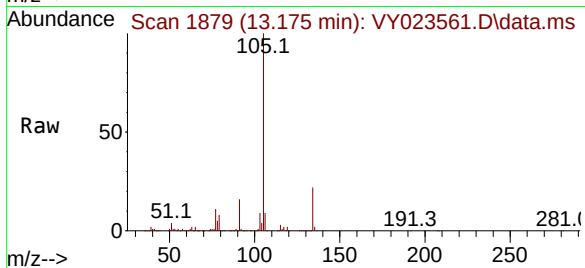
VY1024SBS01

Tgt Ion:105 Resp: 560392

Ion Ratio Lower Upper

105 100

134 21.6 10.7 32.1



#86

p-Isopropyltoluene

Concen: 20.853 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023561.D

Acq: 24 Oct 2025 09:52

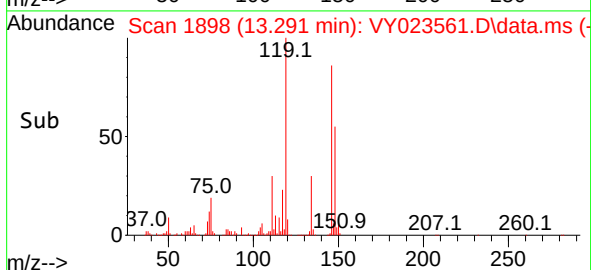
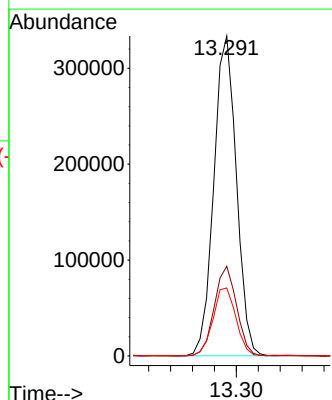
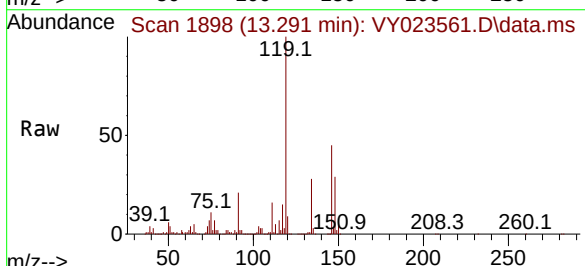
Tgt Ion:119 Resp: 476750

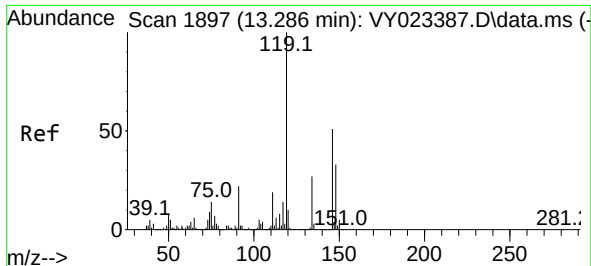
Ion Ratio Lower Upper

119 100

134 27.7 13.6 40.7

91 21.7 10.9 32.9

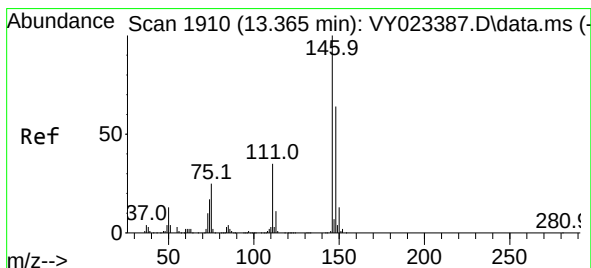
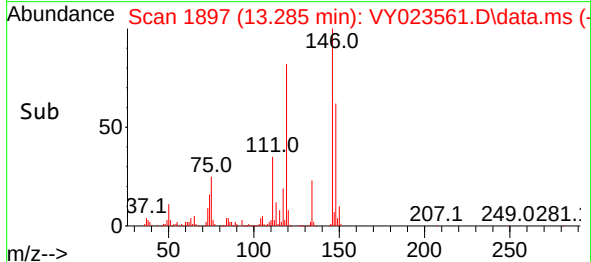
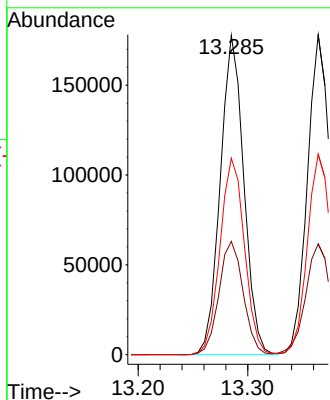
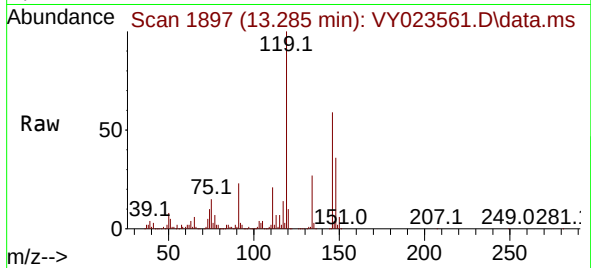




#87
1,3-Dichlorobenzene
Concen: 20.394 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

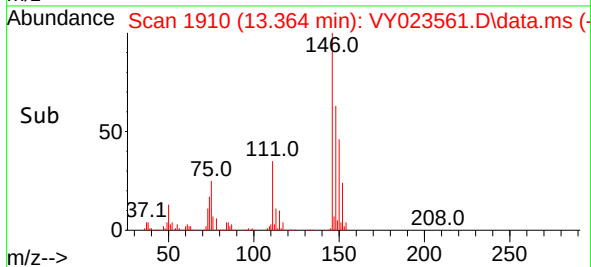
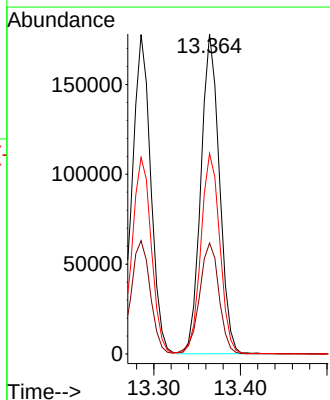
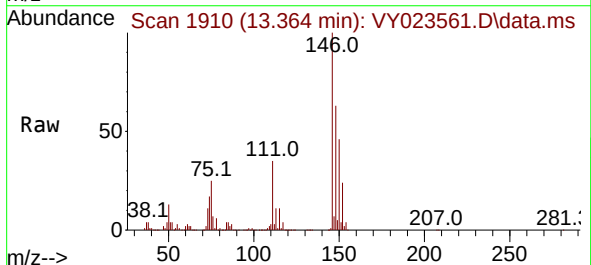
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

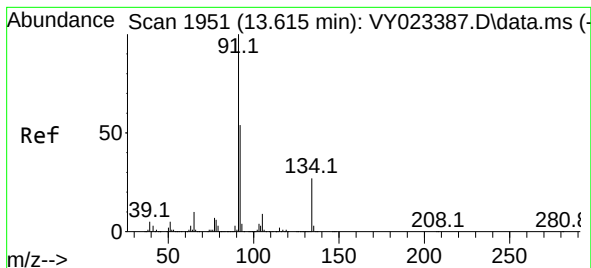
Tgt Ion:146 Resp: 264896
Ion Ratio Lower Upper
146 100
111 36.6 18.7 56.1
148 63.9 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 20.584 ug/l
RT: 13.364 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:146 Resp: 264053
Ion Ratio Lower Upper
146 100
111 36.4 18.0 54.0
148 63.9 31.9 95.7





#89

n-Butylbenzene

Concen: 20.154 ug/l

RT: 13.614 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY023561.D

Acq: 24 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1024SBS01

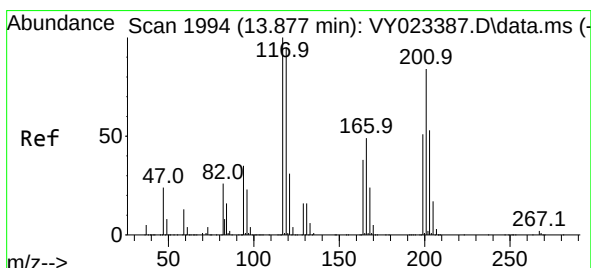
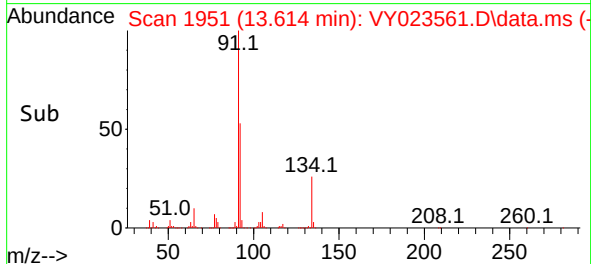
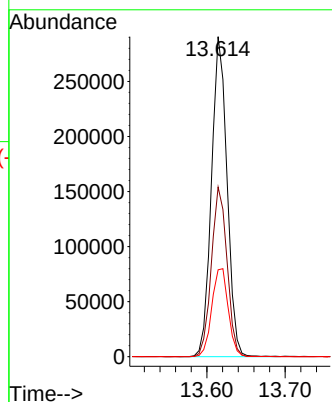
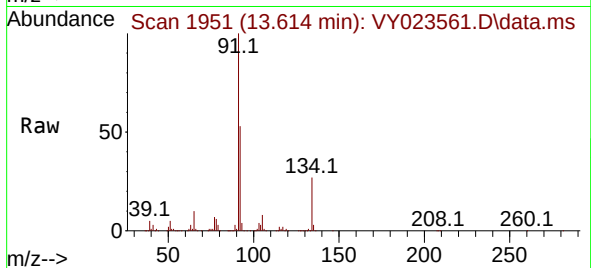
Tgt Ion: 91 Resp: 401494

Ion Ratio Lower Upper

91 100

92 53.3 27.0 80.8

134 29.0 14.1 42.2



#90

Hexachloroethane

Concen: 20.324 ug/l

RT: 13.876 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY023561.D

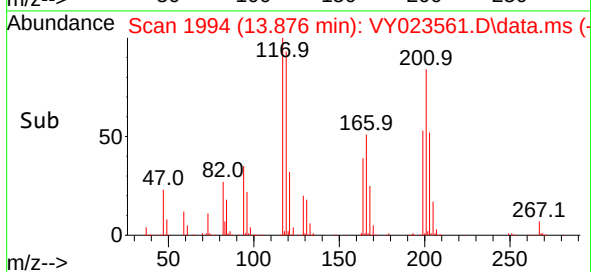
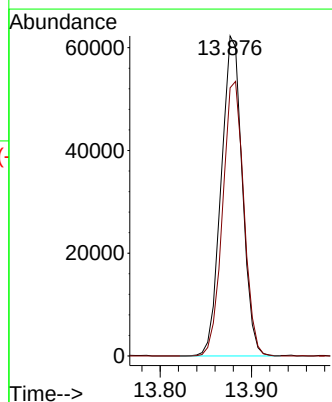
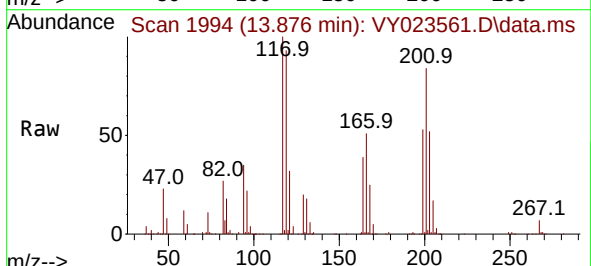
Acq: 24 Oct 2025 09:52

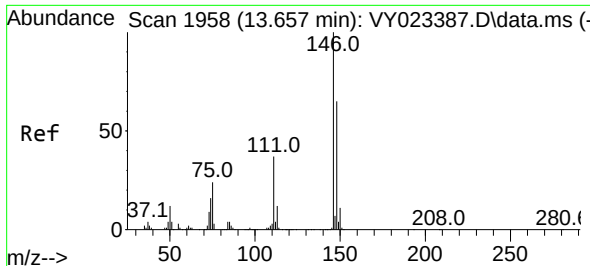
Tgt Ion: 117 Resp: 99943

Ion Ratio Lower Upper

117 100

201 86.1 43.8 131.4

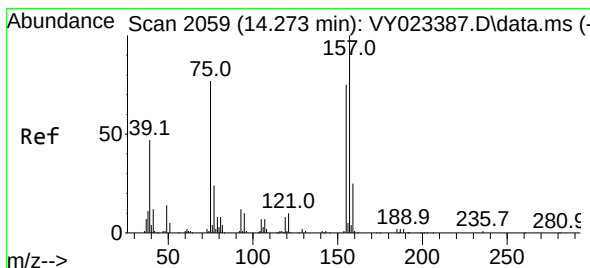
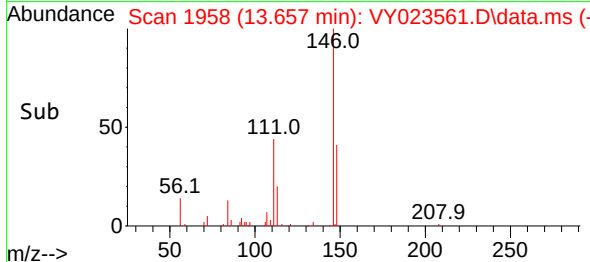
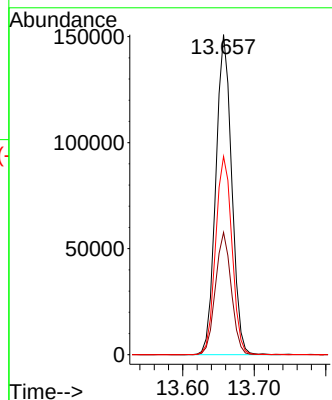
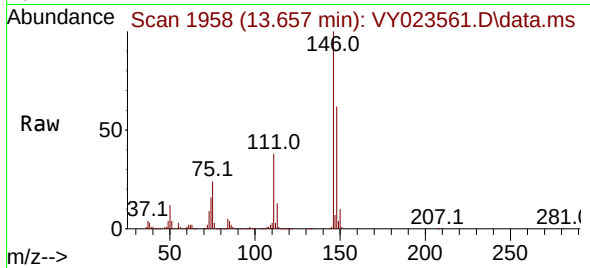




#91
 1,2-Dichlorobenzene
 Concen: 20.419 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY023561.D
 Acq: 24 Oct 2025 09:52

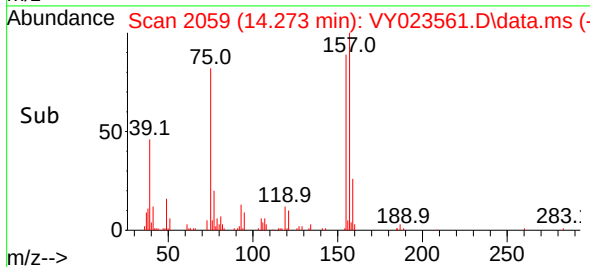
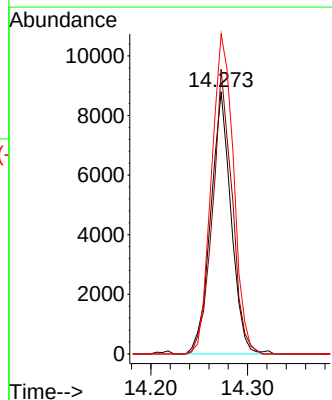
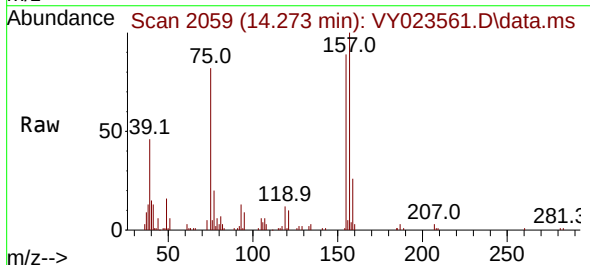
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1024SBS01

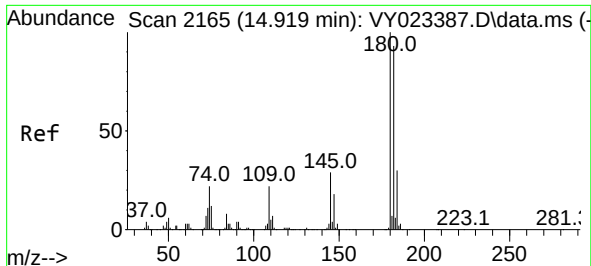
Tgt Ion:146 Resp: 232521
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.0 57.0
 148 63.7 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.144 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY023561.D
 Acq: 24 Oct 2025 09:52

Tgt Ion: 75 Resp: 12890
 Ion Ratio Lower Upper
 75 100
 155 103.4 50.0 150.0
 157 132.1 63.8 191.5

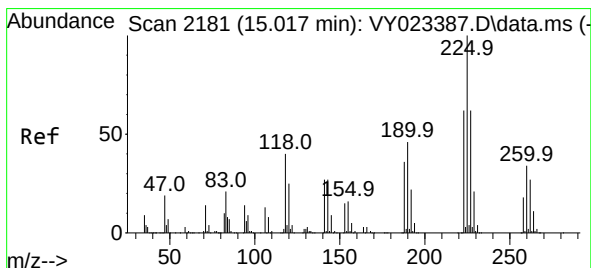
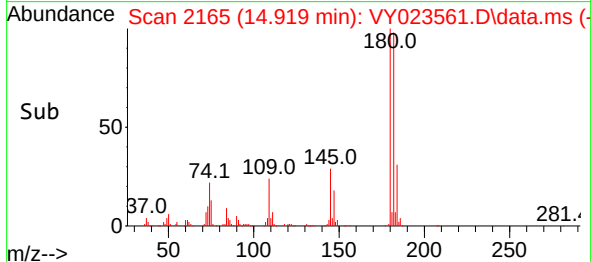
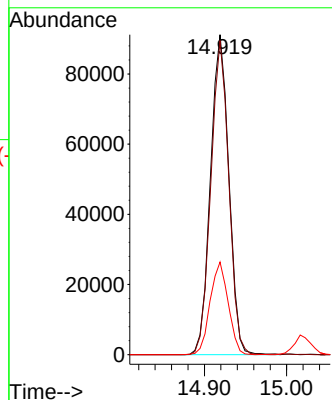
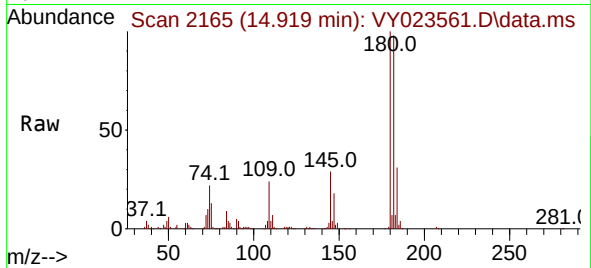




#93
 1,2,4-Trichlorobenzene
 Concen: 19.937 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.000 min
 Lab File: VY023561.D
 Acq: 24 Oct 2025 09:52

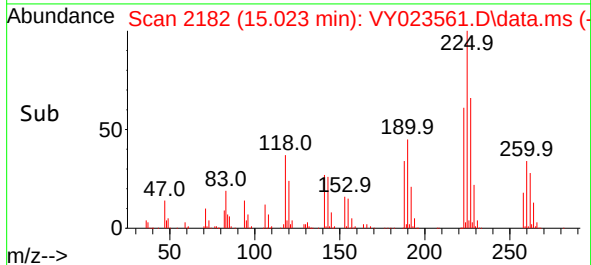
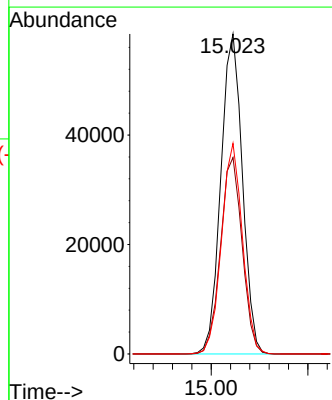
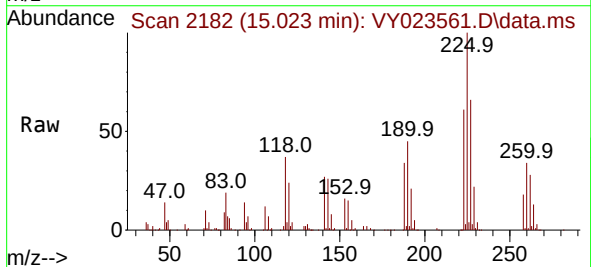
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1024SBS01

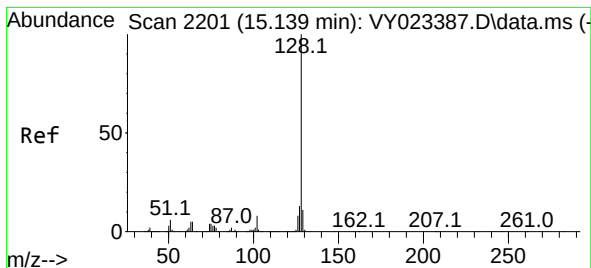
Tgt Ion:180 Resp: 141537
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.9 143.6
 145 28.5 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 20.387 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. 0.006 min
 Lab File: VY023561.D
 Acq: 24 Oct 2025 09:52

Tgt Ion:225 Resp: 90220
 Ion Ratio Lower Upper
 225 100
 223 61.7 30.8 92.3
 227 64.1 31.9 95.7





#95

Naphthalene

Concen: 18.584 ug/l

RT: 15.144 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023561.D

Acq: 24 Oct 2025 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1024SBS01

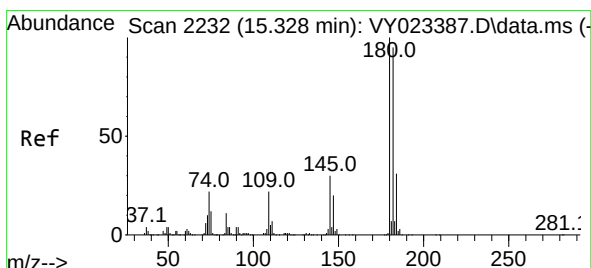
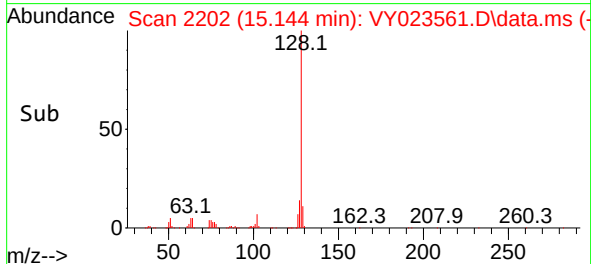
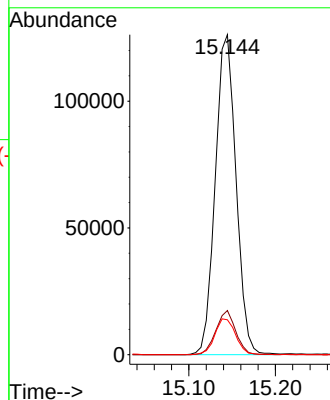
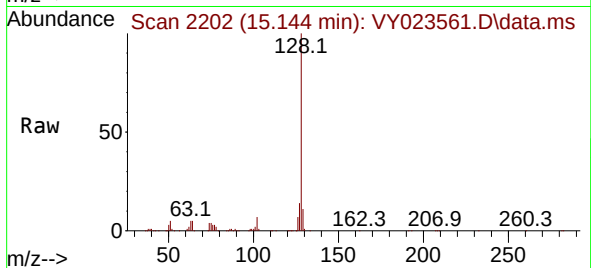
Tgt Ion:128 Resp: 210092

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.3 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 19.609 ug/l

RT: 15.327 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023561.D

Acq: 24 Oct 2025 09:52

Tgt Ion:180 Resp: 120577

Ion Ratio Lower Upper

180 100

182 96.3 47.9 143.8

145 30.6 15.3 45.9

