

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121125\
 Data File : VY023948.D
 Acq On : 11 Dec 2025 12:28
 Operator : SY/MD
 Sample : Q3815-01
 Misc : 5.27g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RE

Quant Time: Dec 12 03:21:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 03:57:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	136352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	236564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	211153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	89582	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	78605	65.203	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.400%	
35) Dibromofluoromethane	7.646	113	78766	50.936	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.880%	
50) Toluene-d8	10.109	98	281320	48.862	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.720%	
62) 4-Bromofluorobenzene	12.408	95	91960	47.828	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.660%	

Target Compounds				Qvalue		
5) Bromomethane	2.611	94	2169	1.697	ug/l	94
11) Tert butyl alcohol	4.860	59	156	2.235	ug/l #	71
16) Acetone	3.873	43	6647	Below Cal		90
20) Methylene Chloride	4.622	84	4129	2.911	ug/l	91
25) 2-Butanone	6.903	43	703	1.887	ug/l #	43
31) Cyclohexane	7.689	56	18836	9.111	ug/l #	49
36) 1,1-Dichloropropene	7.719	75	9234	4.386	ug/l #	40
38) Carbon Tetrachloride	7.713	117	12520	4.906	ug/l #	16
43) Isopropyl Acetate	8.250	43	98151	60.790	ug/l #	58
47) Bromodichloromethane	9.414	83	6625	2.956	ug/l #	25
48) Methyl methacrylate	9.244	41	14117	18.782	ug/l #	26
51) 4-Methyl-2-Pentanone	10.042	43	47143	55.108	ug/l #	78
55) 1,1,2-Trichloroethane	10.548	97	41038	34.997	ug/l #	24
56) Ethyl methacrylate	10.451	69	2231	1.605	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.676	63	1261	2.094	ug/l #	43
59) 2-Hexanone	10.731	43	48929	75.361	ug/l #	29
67) Ethyl Benzene	11.524	91	156941	19.144	ug/l	98
68) m/p-Xylenes	11.633	106	9457	2.906	ug/l	89
73) Isopropylbenzene	12.255	105	177369	27.093	ug/l	100
74) N-amyl acetate	12.048	43	45300	39.010	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.499	83	2083	2.090	ug/l #	1
76) 1,2,3-Trichloropropane	12.591	75	5028	6.635	ug/l #	100
78) n-propylbenzene	12.597	91	839580	110.224	ug/l	100
79) 2-Chlorotoluene	12.694	91	27650	6.390	ug/l #	44
80) 1,3,5-Trimethylbenzene	12.737	105	169231	32.402	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.249	75	2196	6.596	ug/l #	63
82) 4-Chlorotoluene	12.694	91	27650	6.208	ug/l #	44
84) 1,2,4-Trimethylbenzene	13.042	105	791217	152.922	ug/l	100
85) sec-Butylbenzene	13.176	105	183607	26.082	ug/l #	54
86) p-Isopropyltoluene	13.292	119	51432	8.632	ug/l	98
89) n-Butylbenzene	13.621	91	368487	70.684	ug/l #	72
90) Hexachloroethane	13.895	117	96271	79.176	ug/l #	7
92) 1,2-Dibromo-3-Chloropr...	14.249	75	2062	13.360	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.925	180	2459	1.531	ug/l #	87
95) Naphthalene	15.145	128	41847	16.847	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.328	180	2632	1.925	ug/l #	86

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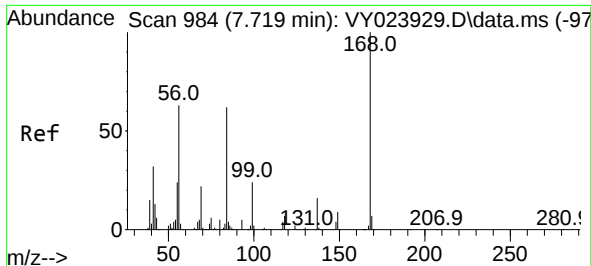
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 11 03:57:51 2025
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
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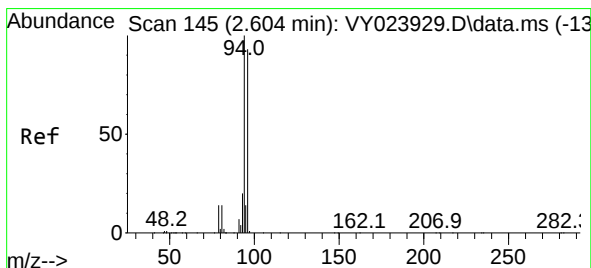
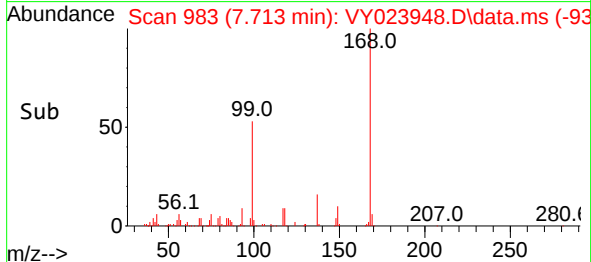
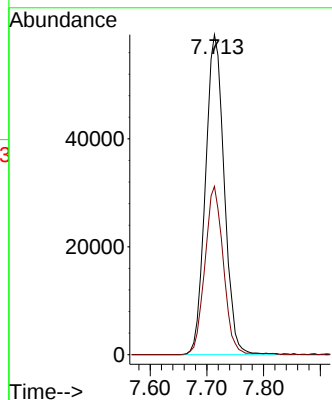
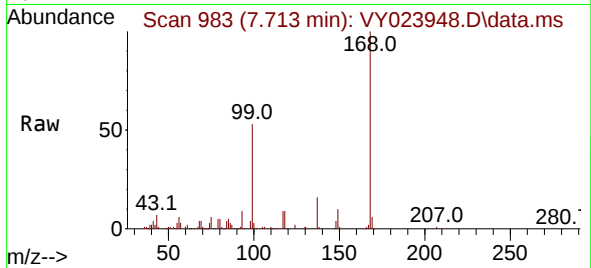




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY023948.D
Acq: 11 Dec 2025 12:28

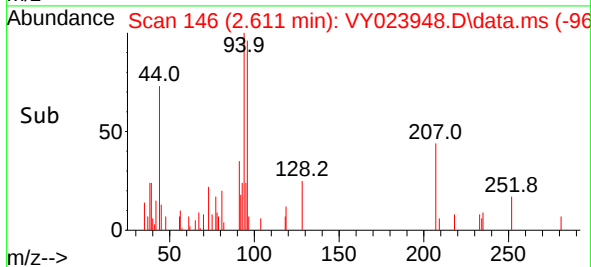
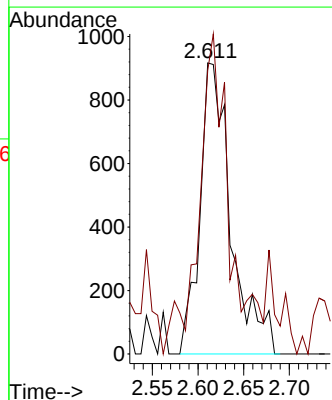
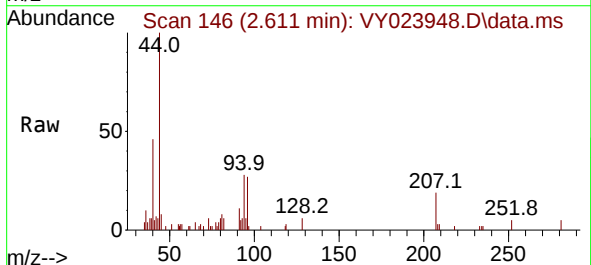
Instrument :
MSVOA_Y
ClientSampleId :
RE

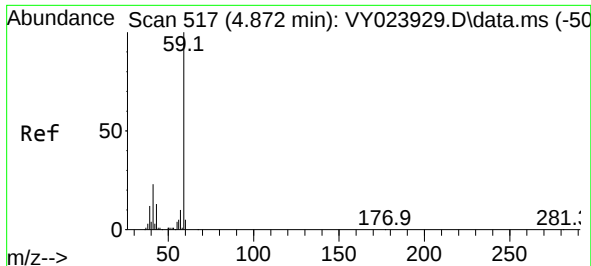
Tgt Ion:168 Resp: 136352
Ion Ratio Lower Upper
168 100
99 52.6 38.9 58.3



#5
Bromomethane
Concen: 1.697 ug/l
RT: 2.611 min Scan# 146
Delta R.T. 0.006 min
Lab File: VY023948.D
Acq: 11 Dec 2025 12:28

Tgt Ion: 94 Resp: 2169
Ion Ratio Lower Upper
94 100
96 87.8 74.8 112.2





#11

Tert butyl alcohol

Concen: 2.235 ug/l

RT: 4.860 min Scan# 517

Delta R.T. -0.012 min

Lab File: VY023948.D

Acq: 11 Dec 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

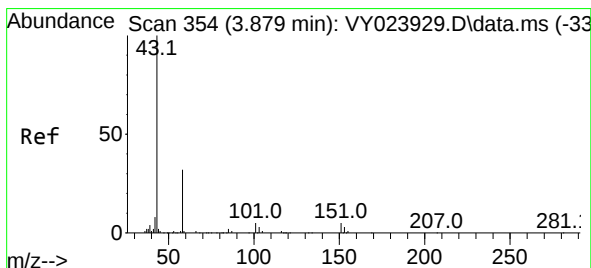
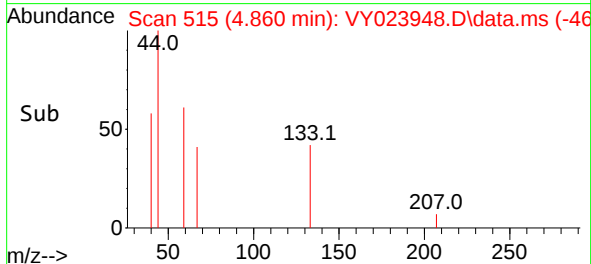
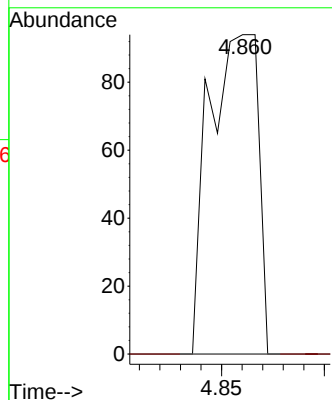
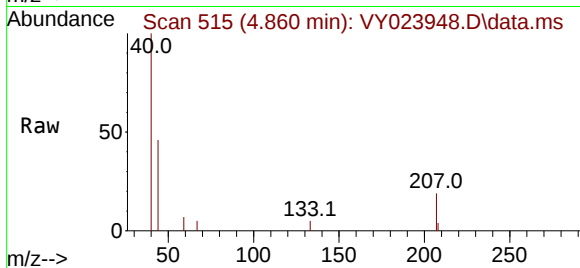
RE

Tgt Ion: 59 Resp: 156

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#16

Acetone

Concen: Below Cal

RT: 3.873 min Scan# 353

Delta R.T. -0.006 min

Lab File: VY023948.D

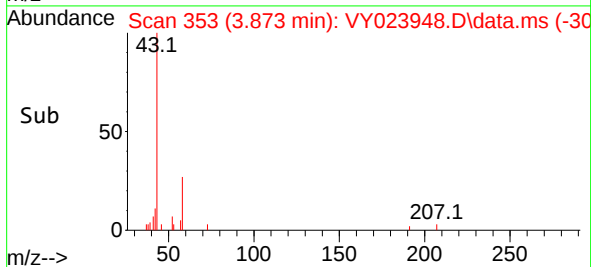
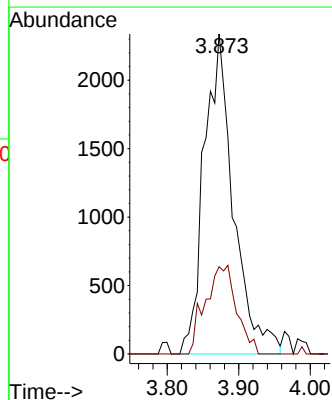
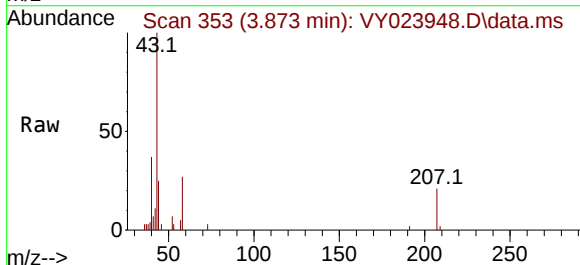
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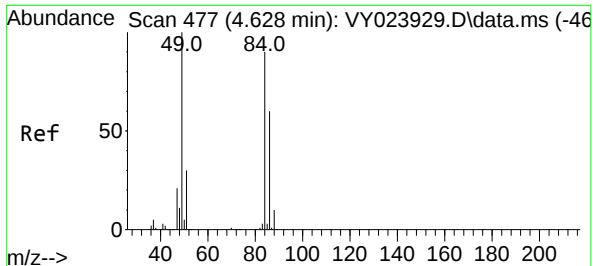
Tgt Ion: 43 Resp: 6647

Ion Ratio Lower Upper

43 100

58 27.2 26.4 39.6

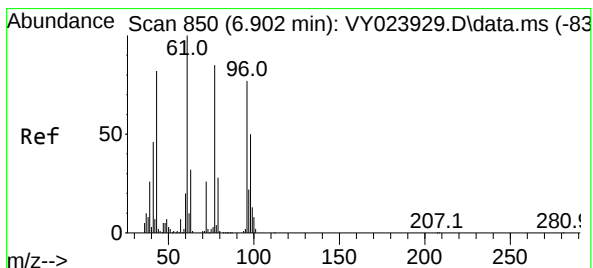
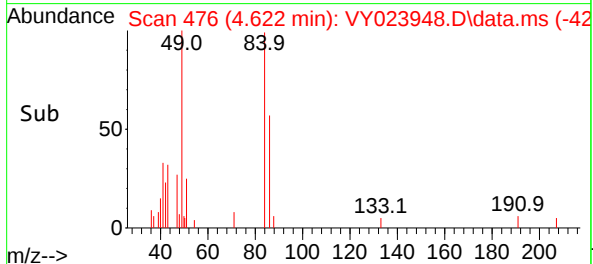
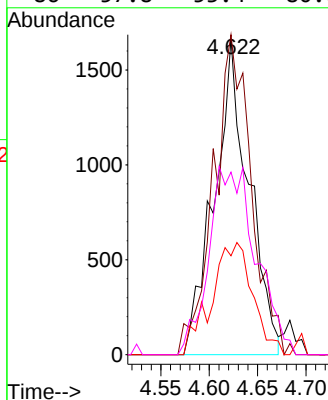
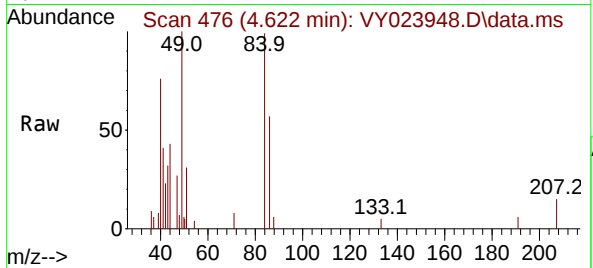




#20
Methylene Chloride
Concen: 2.911 ug/l
RT: 4.622 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY023948.D
Acq: 11 Dec 2025 12:28

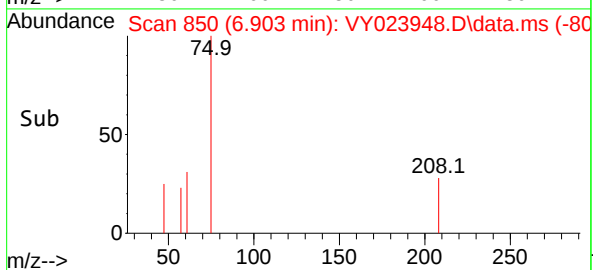
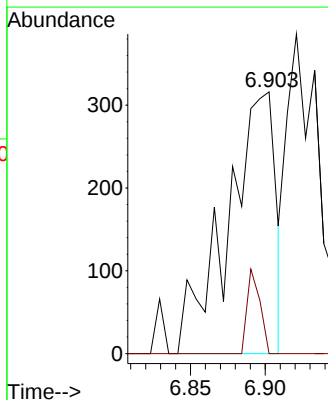
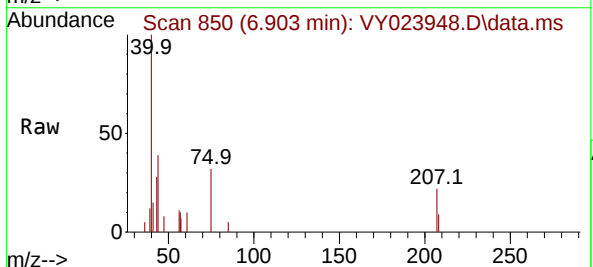
Instrument :
MSVOA_Y
ClientSampleId :
RE

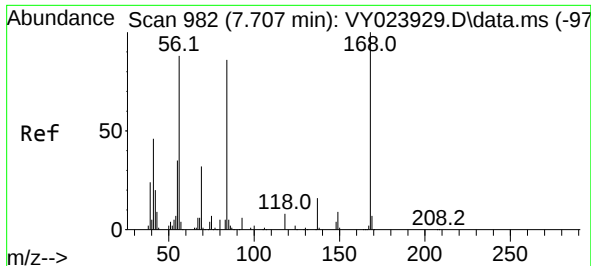
Tgt Ion:	84	Resp:	4129
Ion	Ratio	Lower	Upper
84	100		
49	101.3	89.1	133.7
51	31.3	26.6	39.8
86	57.8	53.4	80.0



#25
2-Butanone
Concen: 1.887 ug/l
RT: 6.903 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY023948.D
Acq: 11 Dec 2025 12:28

Tgt Ion:	43	Resp:	703
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.0	37.6#

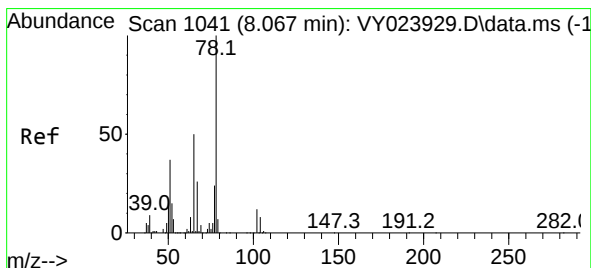
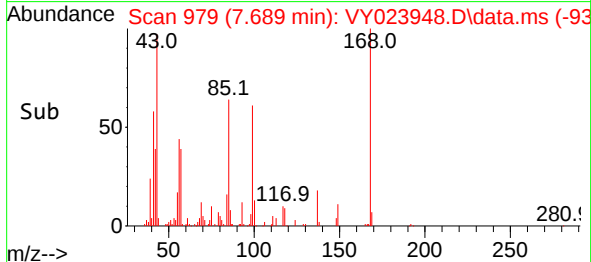
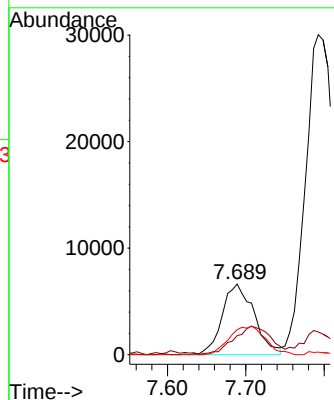
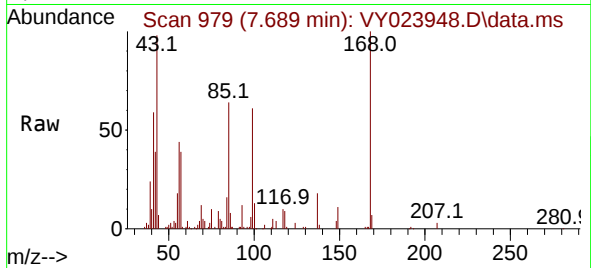




#31
Cyclohexane
Concen: 9.111 ug/l
RT: 7.689 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY023948.D
Acq: 11 Dec 2025 12:28

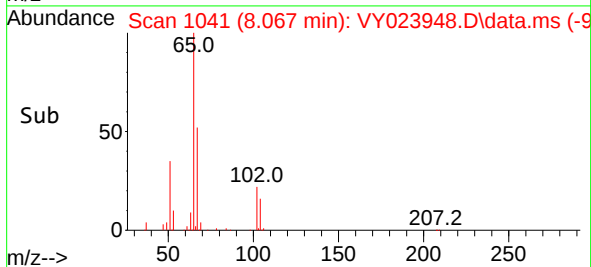
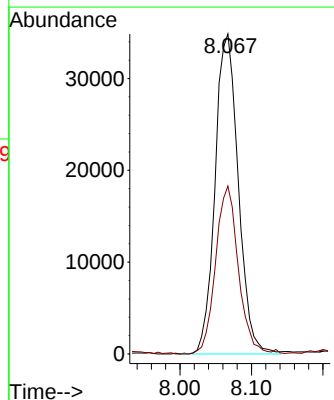
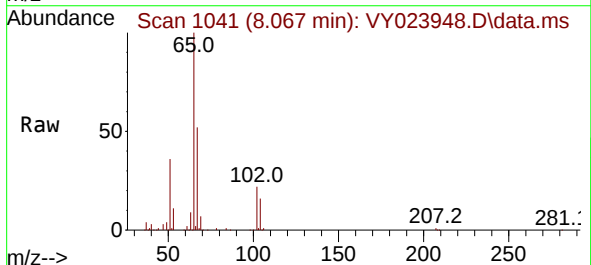
Instrument :
MSVOA_Y
ClientSampleId :
RE

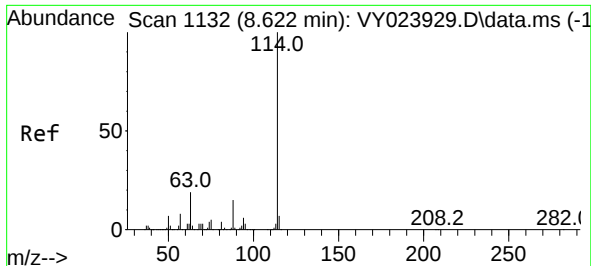
Tgt Ion: 56 Resp: 18836
Ion Ratio Lower Upper
56 100
69 24.9 29.1 43.7#
84 35.5 77.8 116.8#



#33
1,2-Dichloroethane-d4
Concen: 65.203 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY023948.D
Acq: 11 Dec 2025 12:28

Tgt Ion: 65 Resp: 78605
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.2

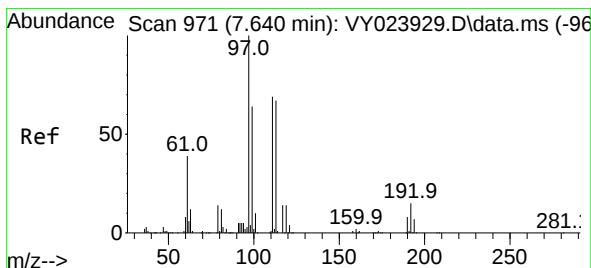
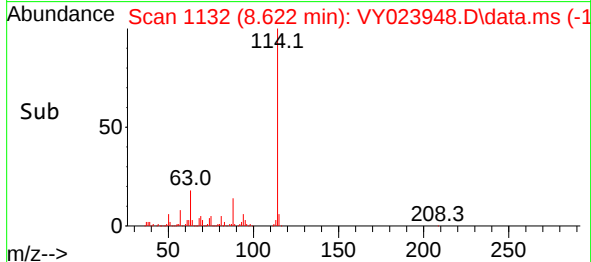
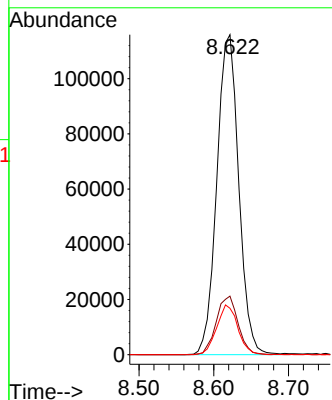
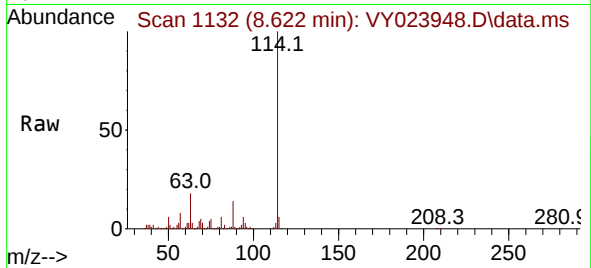




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY023948.D
Acq: 11 Dec 2025 12:28

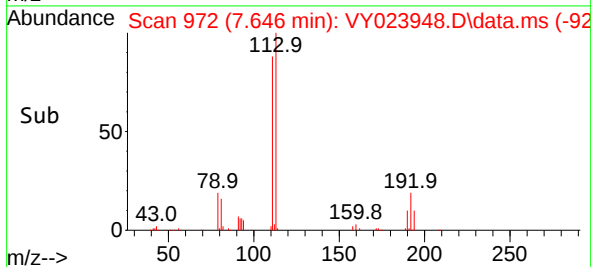
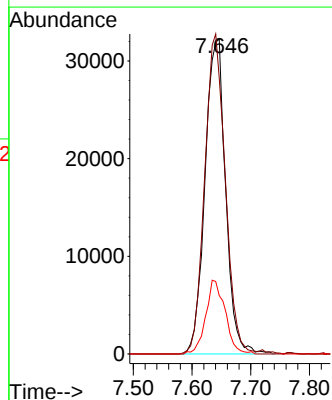
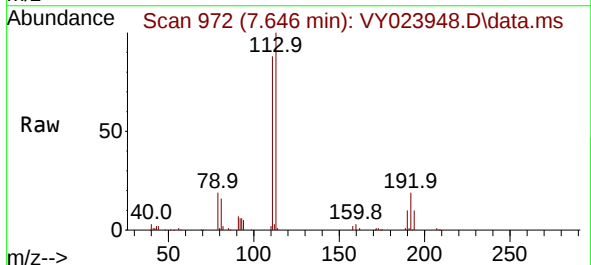
Instrument :
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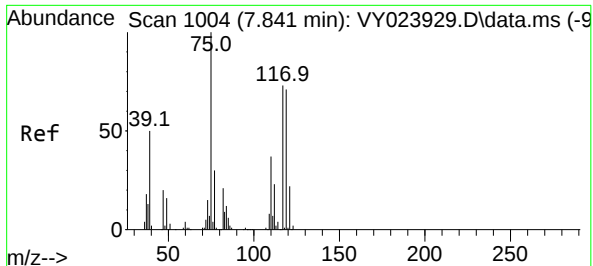
Tgt Ion:114 Resp: 236564
Ion Ratio Lower Upper
114 100
63 18.3 0.0 37.2
88 14.5 0.0 29.4



#35
Dibromofluoromethane
Concen: 50.936 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.006 min
Lab File: VY023948.D
Acq: 11 Dec 2025 12:28

Tgt Ion:113 Resp: 78766
Ion Ratio Lower Upper
113 100
111 101.3 82.4 123.6
192 22.2 17.9 26.9





#36

1,1-Dichloropropene

Concen: 4.386 ug/l

RT: 7.719 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY023948.D

Acq: 11 Dec 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

RE

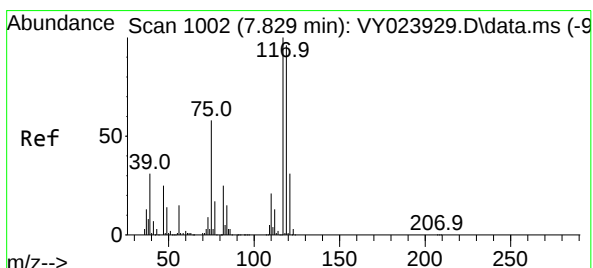
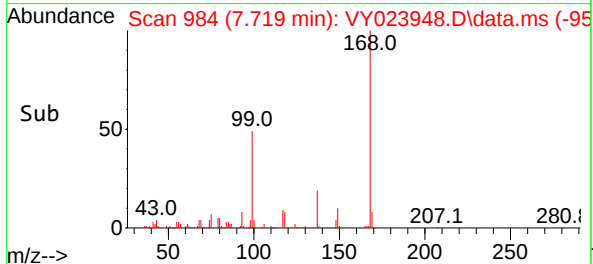
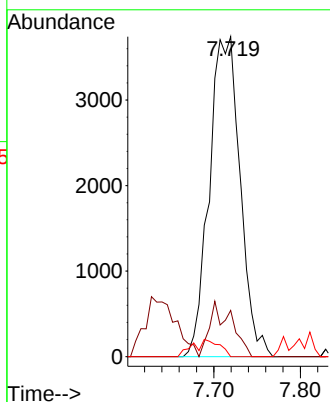
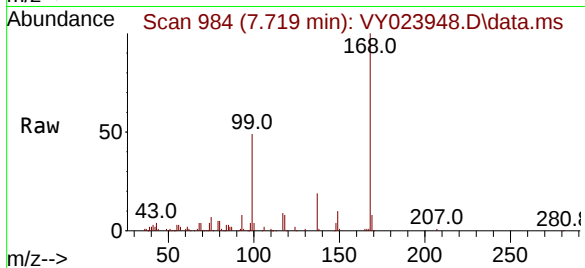
Tgt Ion: 75 Resp: 9234

Ion Ratio Lower Upper

75 100

110 0.0 19.2 57.6#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.906 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.116 min

Lab File: VY023948.D

Acq: 11 Dec 2025 12:28

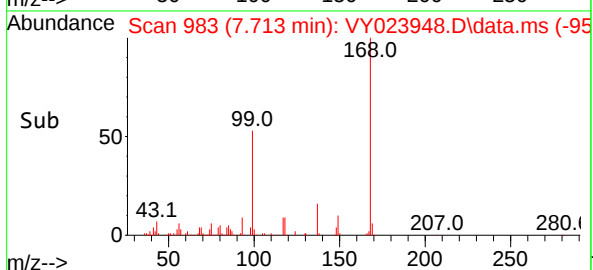
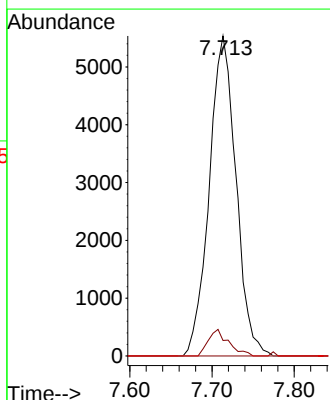
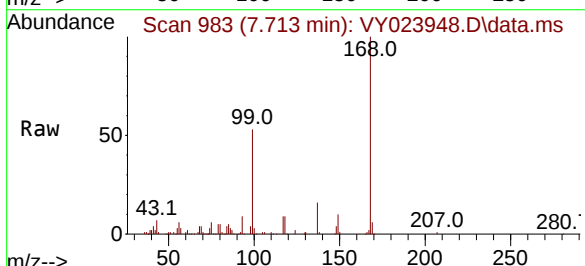
Tgt Ion: 117 Resp: 12520

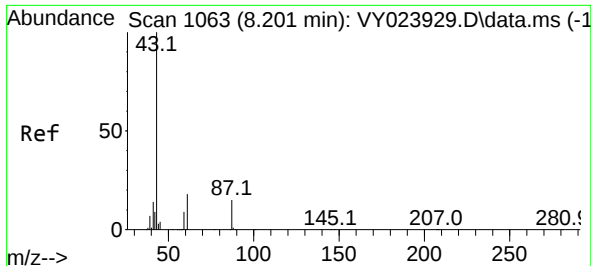
Ion Ratio Lower Upper

117 100

119 4.8 76.6 114.8#

121 0.0 24.8 37.2#

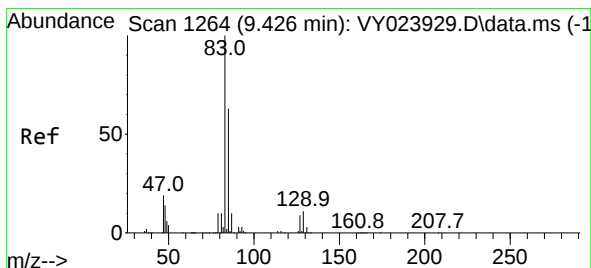
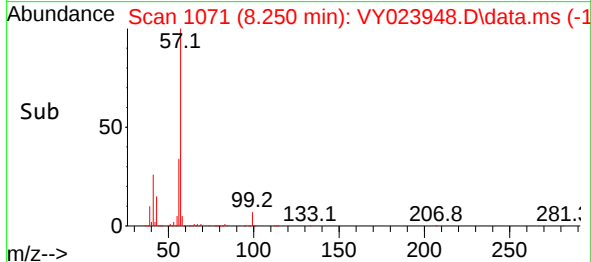
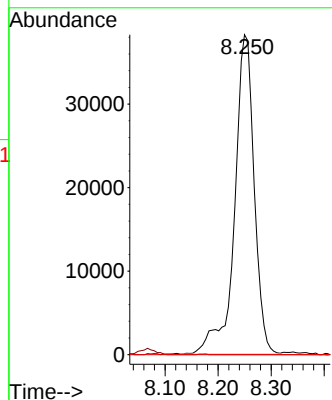
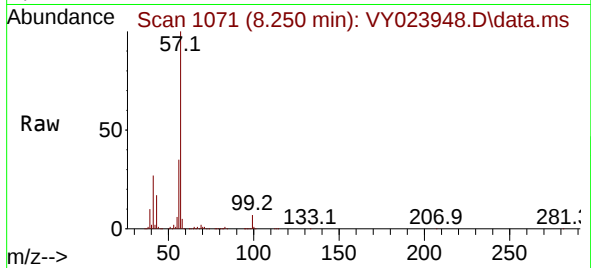




#43
Isopropyl Acetate
Concen: 60.790 ug/l
RT: 8.250 min Scan# 1063
Delta R.T. 0.049 min
Lab File: VY023948.D
Acq: 11 Dec 2025 12:28

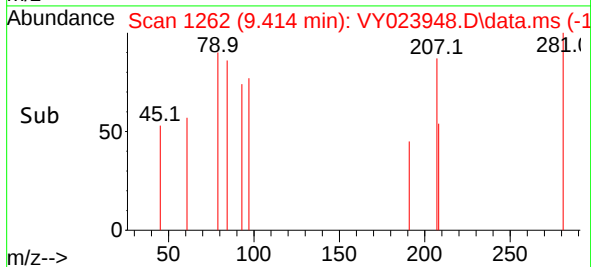
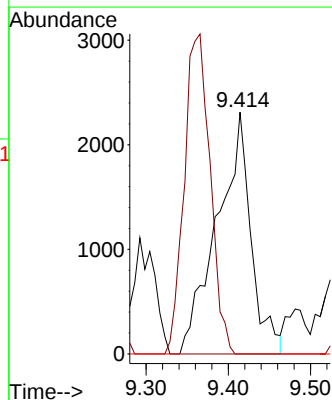
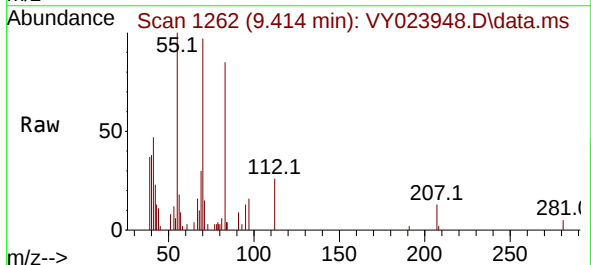
Instrument :
MSVOA_Y
ClientSampleId :
RE

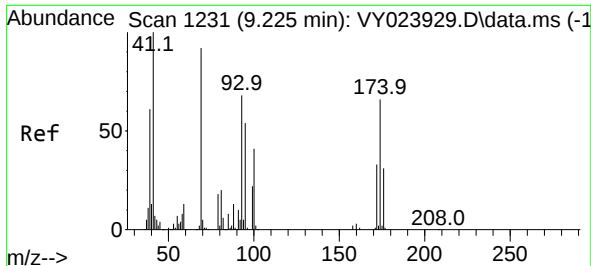
Tgt Ion: 43 Resp: 98151
Ion Ratio Lower Upper
43 100
61 0.0 17.4 26.2#
87 0.0 12.3 18.5#



#47
Bromodichloromethane
Concen: 2.956 ug/l
RT: 9.414 min Scan# 1262
Delta R.T. -0.012 min
Lab File: VY023948.D
Acq: 11 Dec 2025 12:28

Tgt Ion: 83 Resp: 6625
Ion Ratio Lower Upper
83 100
85 0.0 50.7 76.1#
127 0.0 7.0 10.4#





#48

Methyl methacrylate

Concen: 18.782 ug/l

RT: 9.244 min Scan# 1

Delta R.T. 0.018 min

Lab File: VY023948.D

Acq: 11 Dec 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

RE

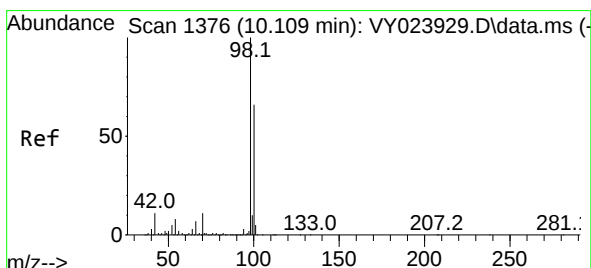
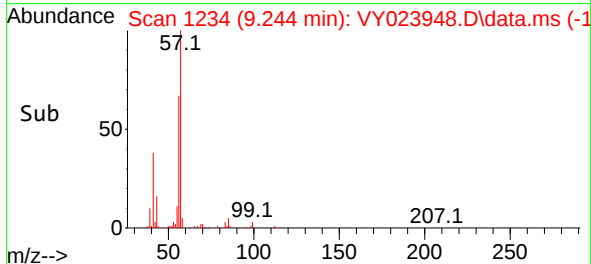
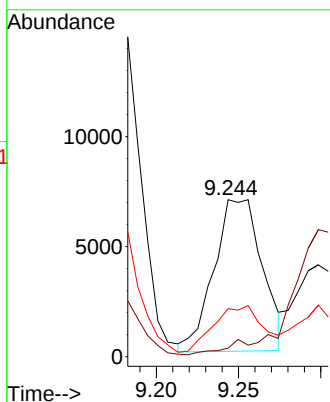
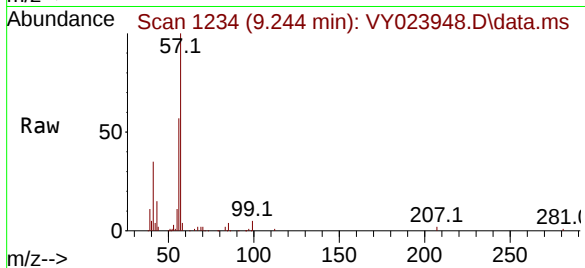
Tgt Ion: 41 Resp: 14117

Ion Ratio Lower Upper

41 100

69 0.0 74.7 112.1#

39 31.8 47.4 71.2#



#50

Toluene-d8

Concen: 48.862 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY023948.D

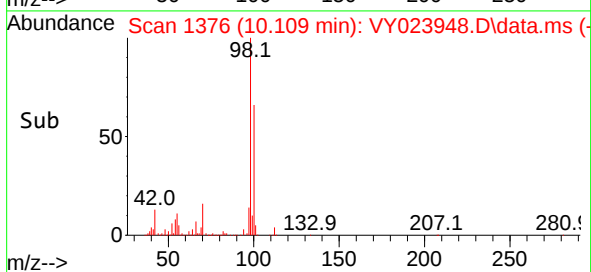
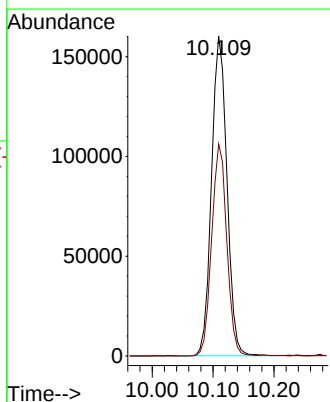
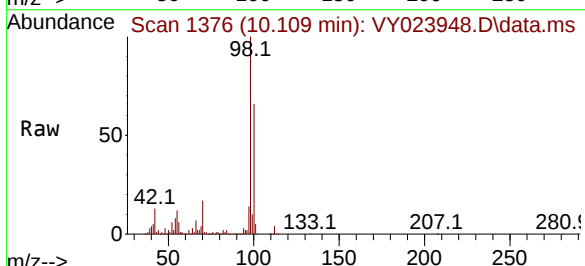
Acq: 11 Dec 2025 12:28

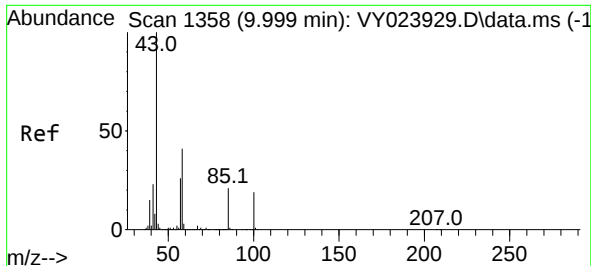
Tgt Ion: 98 Resp: 281320

Ion Ratio Lower Upper

98 100

100 65.0 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 55.108 ug/l

RT: 10.042 min Scan# 11

Delta R.T. 0.043 min

Lab File: VY023948.D

Acq: 11 Dec 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

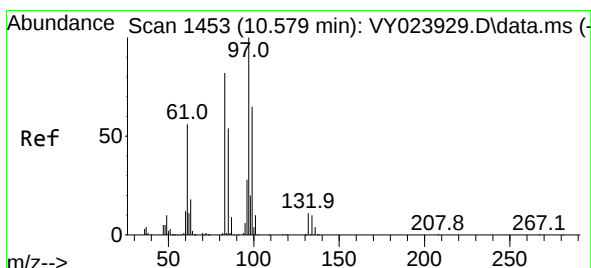
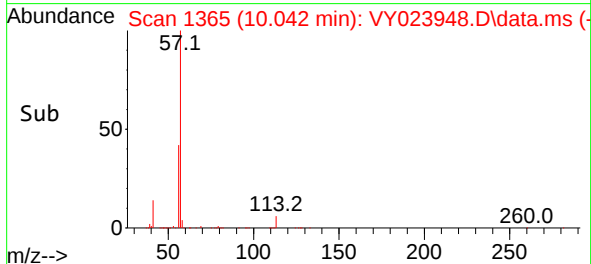
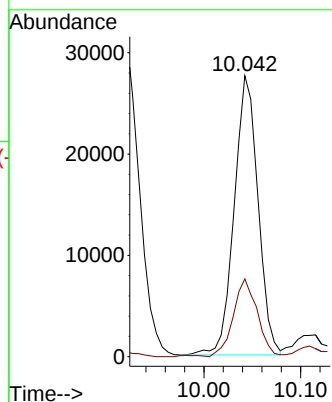
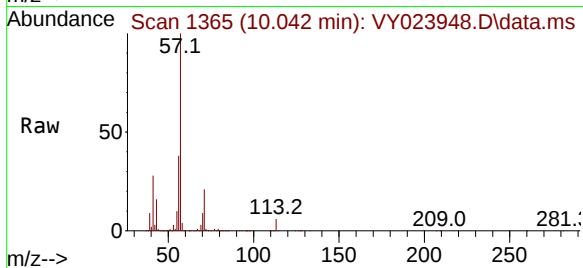
RE

Tgt Ion: 43 Resp: 47143

Ion Ratio Lower Upper

43 100

58 27.6 33.1 49.7#



#55

1,1,2-Trichloroethane

Concen: 34.997 ug/l

RT: 10.548 min Scan# 1448

Delta R.T. -0.030 min

Lab File: VY023948.D

Acq: 11 Dec 2025 12:28

Tgt Ion: 97 Resp: 41038

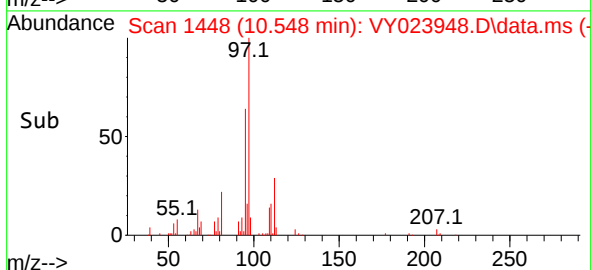
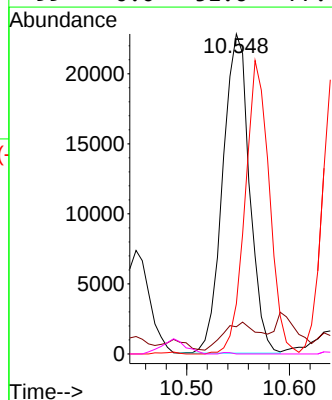
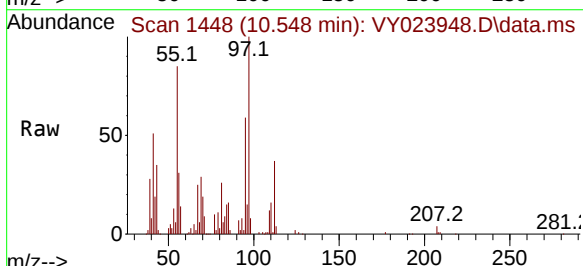
Ion Ratio Lower Upper

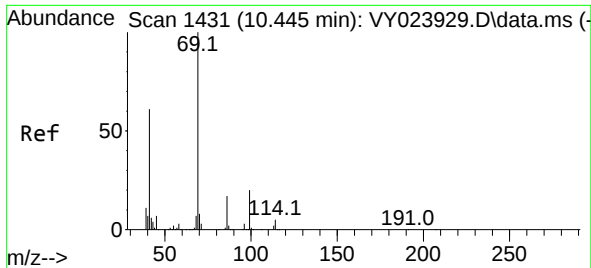
97 100

83 4.9 65.8 98.6#

85 15.5 43.1 64.7#

99 0.0 51.6 77.4#

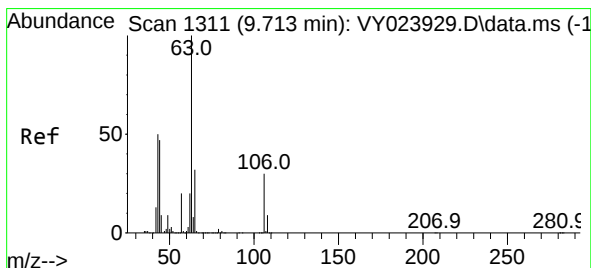
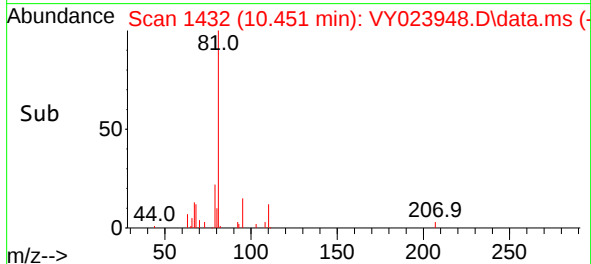
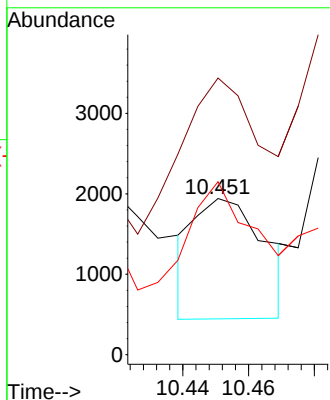
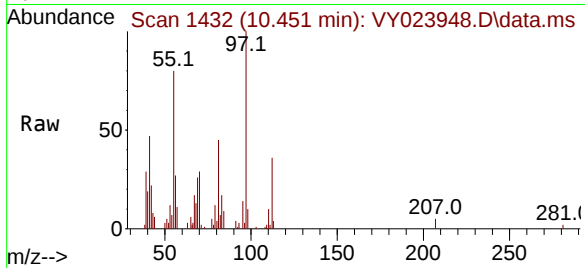




#56
Ethyl methacrylate
Concen: 1.605 ug/l
RT: 10.451 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VY023948.D
Acq: 11 Dec 2025 12:28

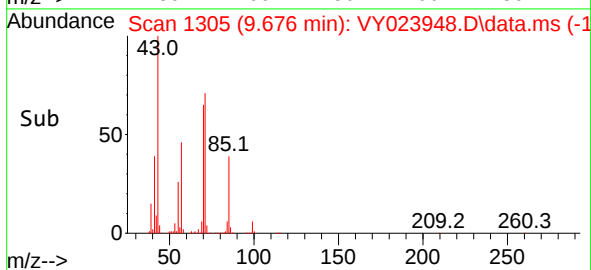
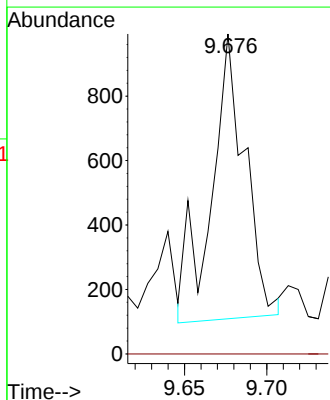
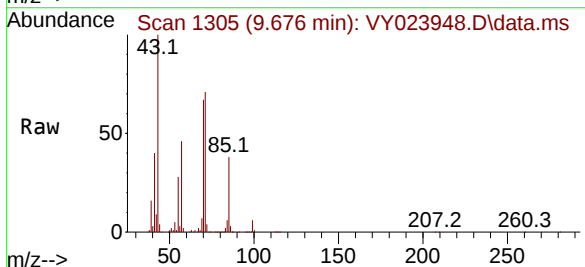
Instrument :
MSVOA_Y
ClientSampleId :
RE

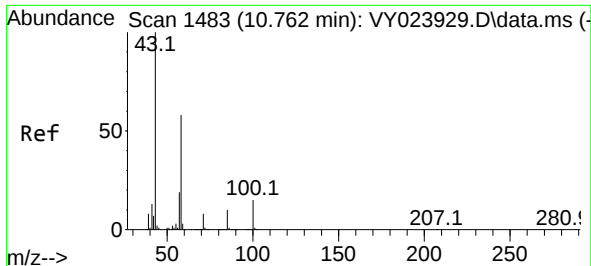
Tgt Ion: 69 Resp: 2231
Ion Ratio Lower Upper
69 100
41 151.7 49.0 73.4#
39 79.9 29.1 43.7#



#58
2-Chloroethyl Vinyl ether
Concen: 2.094 ug/l
RT: 9.676 min Scan# 1305
Delta R.T. -0.037 min
Lab File: VY023948.D
Acq: 11 Dec 2025 12:28

Tgt Ion: 63 Resp: 1261
Ion Ratio Lower Upper
63 100
106 0.0 25.2 37.8#

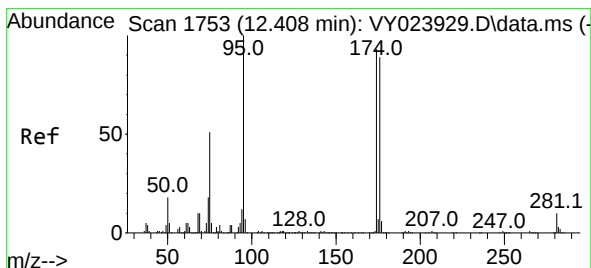
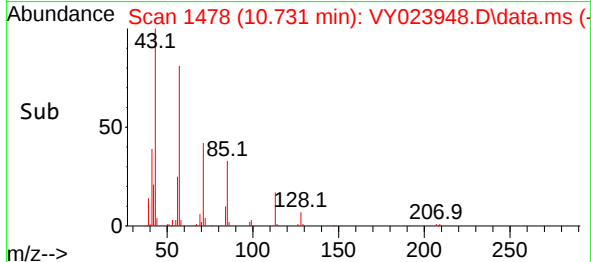
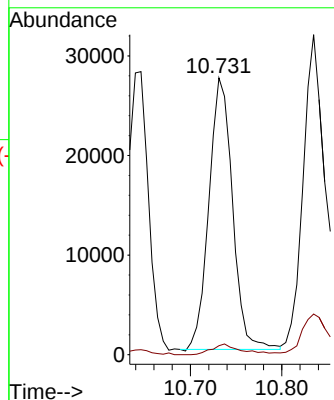
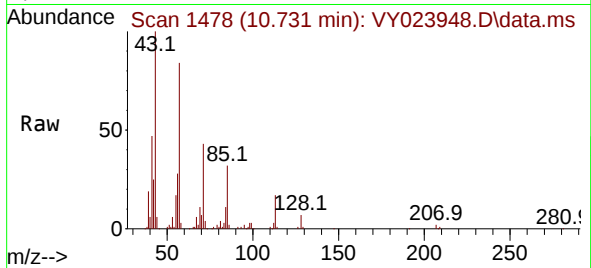




#59
2-Hexanone
Concen: 75.361 ug/l
RT: 10.731 min Scan# 1483
Delta R.T. -0.030 min
Lab File: VY023948.D
Acq: 11 Dec 2025 12:28

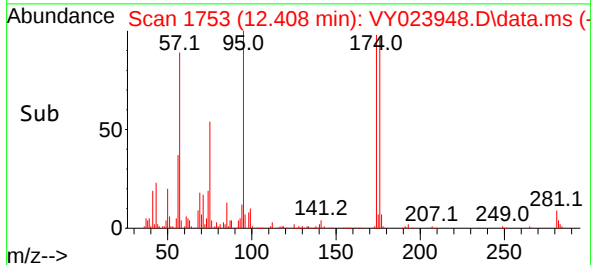
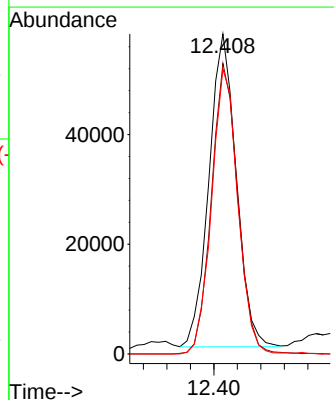
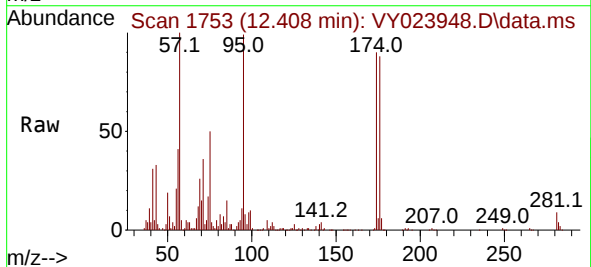
Instrument :
MSVOA_Y
ClientSampleId :
RE

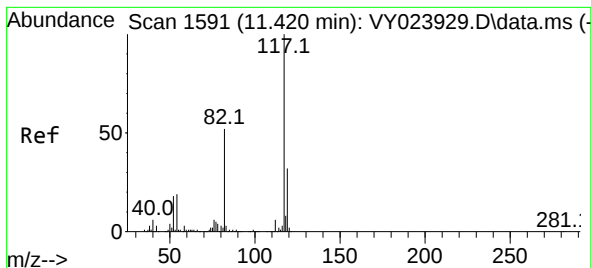
Tgt Ion: 43 Resp: 48929
Ion Ratio Lower Upper
43 100
58 5.0 29.0 87.0#



#62
4-Bromofluorobenzene
Concen: 47.828 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY023948.D
Acq: 11 Dec 2025 12:28

Tgt Ion: 95 Resp: 91960
Ion Ratio Lower Upper
95 100
174 89.9 0.0 187.4
176 87.4 0.0 179.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023948.D

Acq: 11 Dec 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

RE

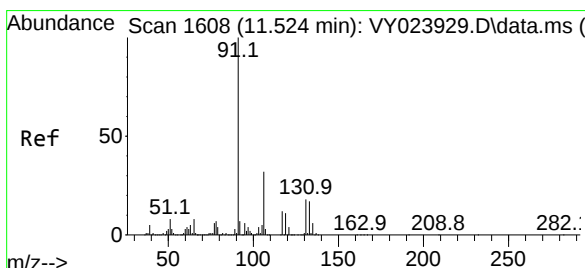
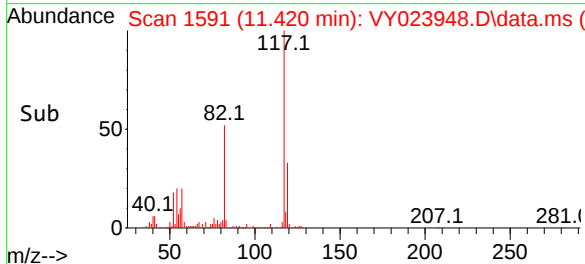
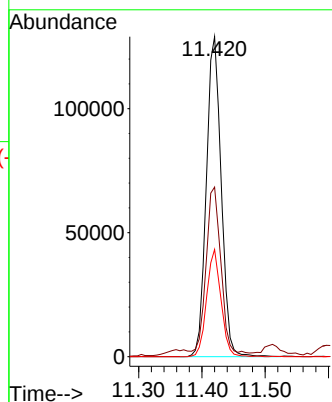
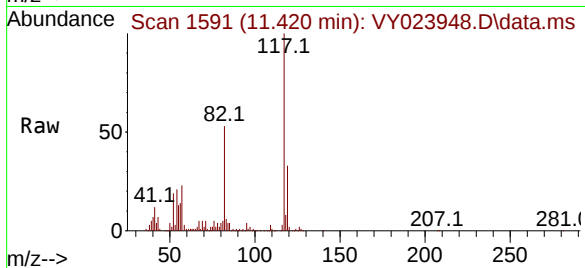
Tgt Ion:117 Resp: 211153

Ion Ratio Lower Upper

117 100

82 51.1 41.4 62.2

119 33.5 25.5 38.3



#67

Ethyl Benzene

Concen: 19.144 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY023948.D

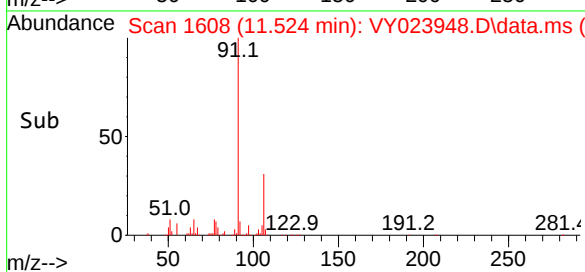
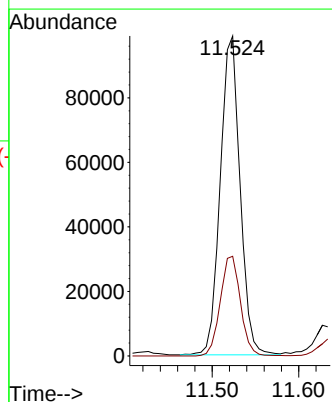
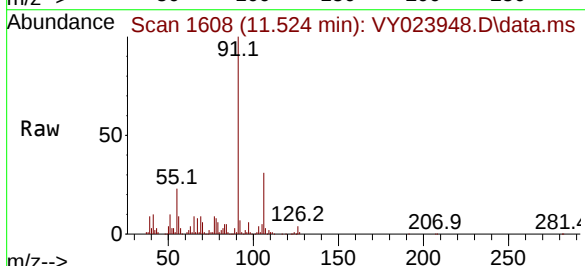
Acq: 11 Dec 2025 12:28

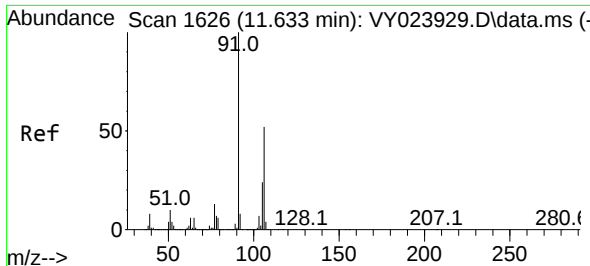
Tgt Ion: 91 Resp: 156941

Ion Ratio Lower Upper

91 100

106 31.3 25.8 38.8

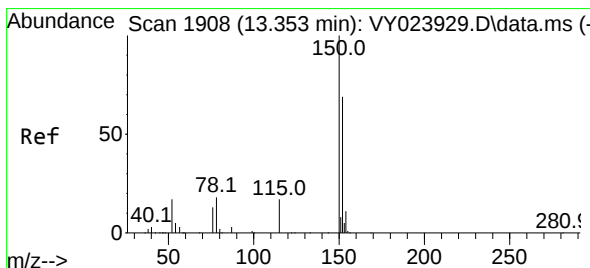
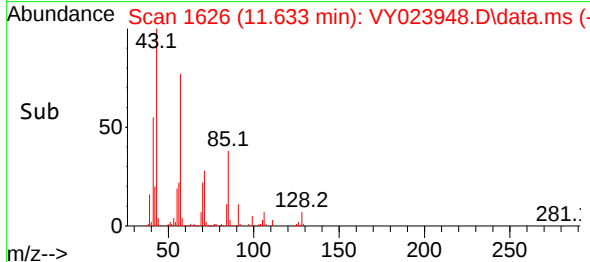
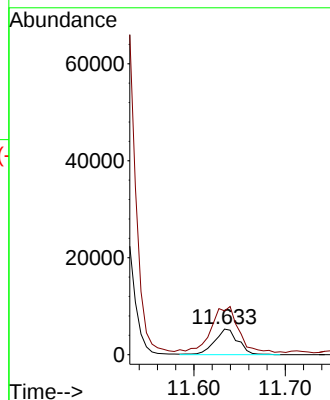
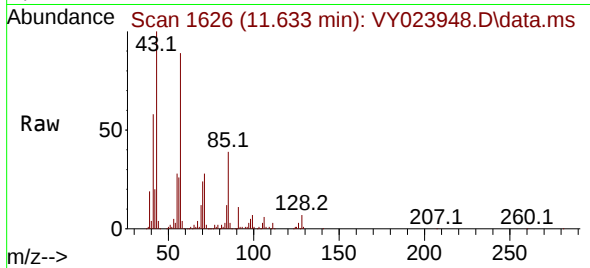




#68
m/p-Xylenes
Concen: 2.906 ug/l
RT: 11.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023948.D
Acq: 11 Dec 2025 12:28

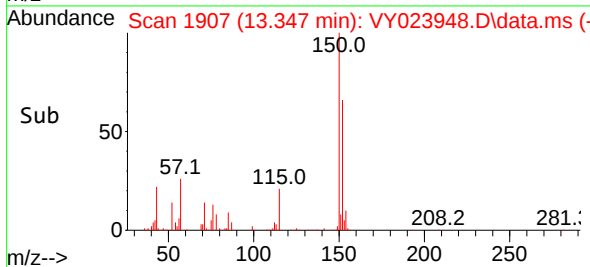
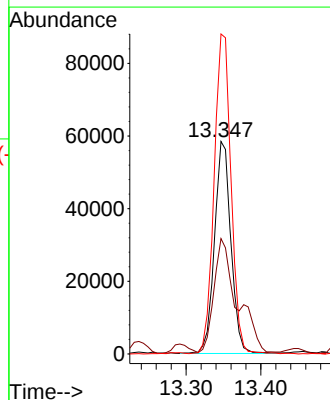
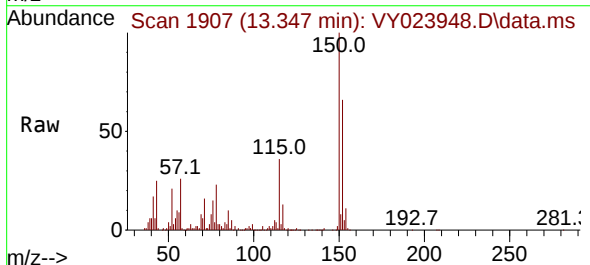
Instrument :
MSVOA_Y
ClientSampleId :
RE

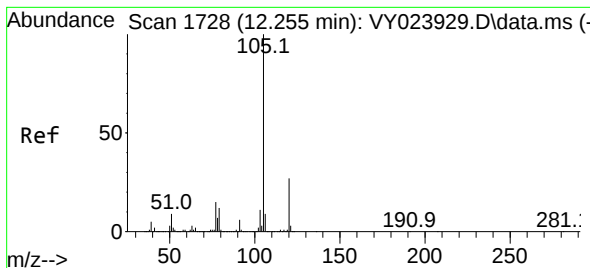
Tgt Ion:106 Resp: 9457
Ion Ratio Lower Upper
106 100
91 210.4 155.0 232.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY023948.D
Acq: 11 Dec 2025 12:28

Tgt Ion:152 Resp: 89582
Ion Ratio Lower Upper
152 100
115 75.5 27.3 81.9
150 154.5 0.0 347.6





#73

Isopropylbenzene

Concen: 27.093 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023948.D

Acq: 11 Dec 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

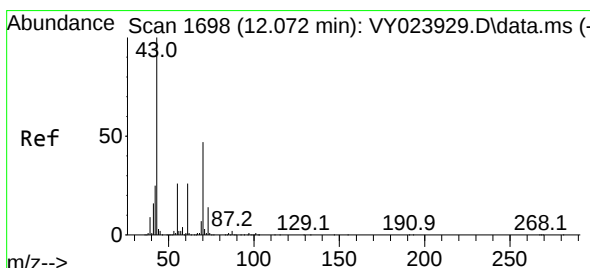
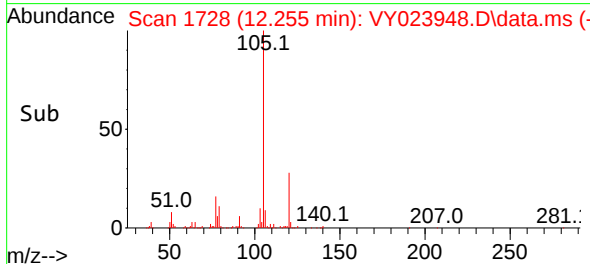
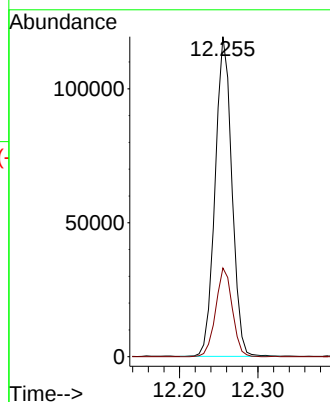
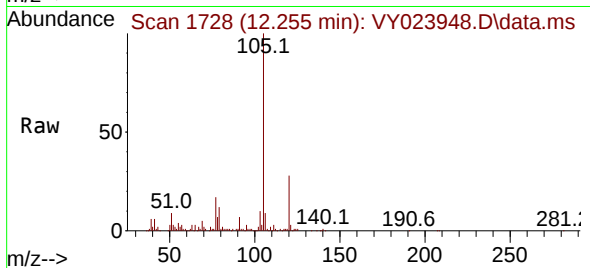
RE

Tgt Ion:105 Resp: 177369

Ion Ratio Lower Upper

105 100

120 27.5 13.7 41.0



#74

N-ethyl acetate

Concen: 39.010 ug/l

RT: 12.048 min Scan# 1694

Delta R.T. -0.024 min

Lab File: VY023948.D

Acq: 11 Dec 2025 12:28

Tgt Ion: 43 Resp: 45300

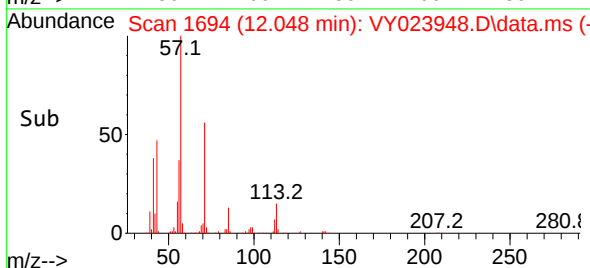
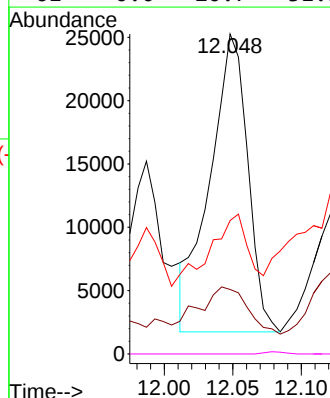
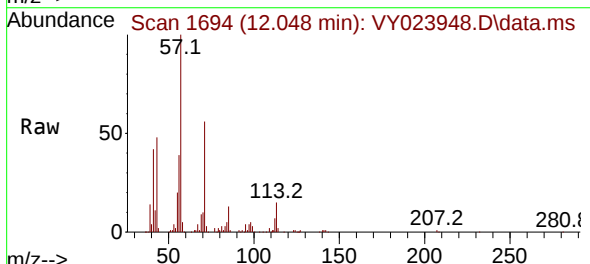
Ion Ratio Lower Upper

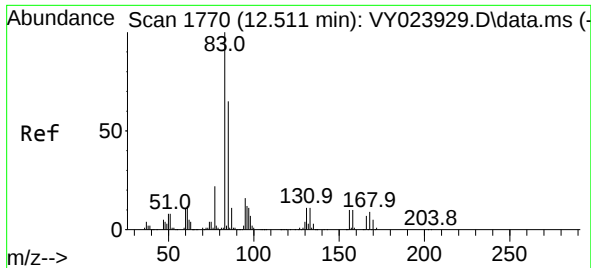
43 100

70 20.2 37.4 56.0#

55 16.4 21.6 32.4#

61 0.0 20.7 31.1#

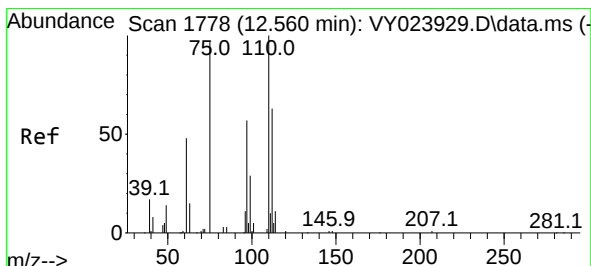
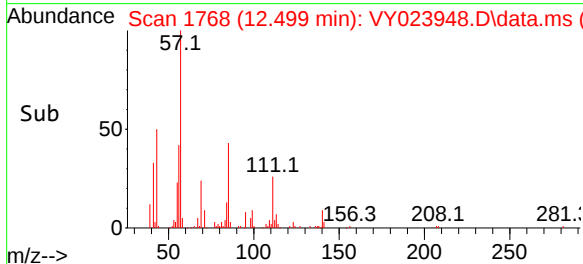
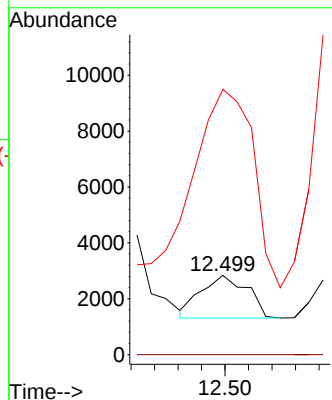
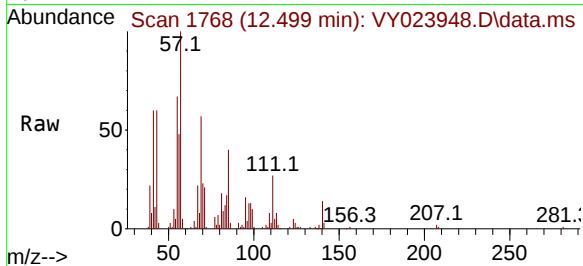




#75
1,1,2,2-Tetrachloroethane
Concen: 2.090 ug/l
RT: 12.499 min Scan# 1768
Delta R.T. -0.012 min
Lab File: VY023948.D
Acq: 11 Dec 2025 12:28

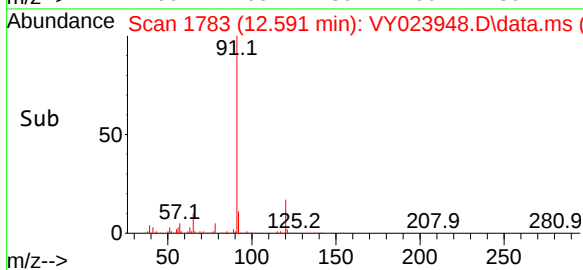
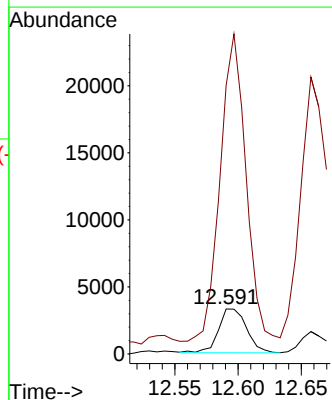
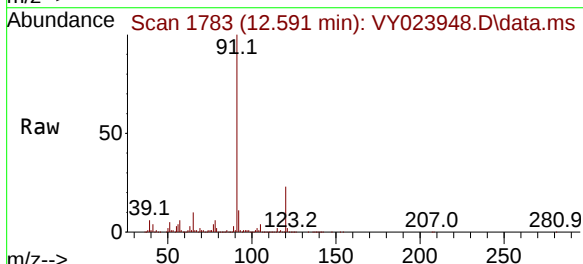
Instrument :
MSVOA_Y
ClientSampleId :
RE

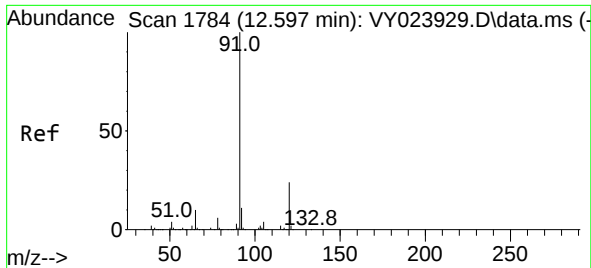
Tgt Ion: 83 Resp: 2083
Ion Ratio Lower Upper
83 100
131 0.0 5.6 16.8#
85 751.0 32.0 96.2#



#76
1,2,3-Trichloropropane
Concen: 6.635 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. 0.031 min
Lab File: VY023948.D
Acq: 11 Dec 2025 12:28

Tgt Ion: 75 Resp: 5028
Ion Ratio Lower Upper
75 100
77 669.3 0.0 0.0#

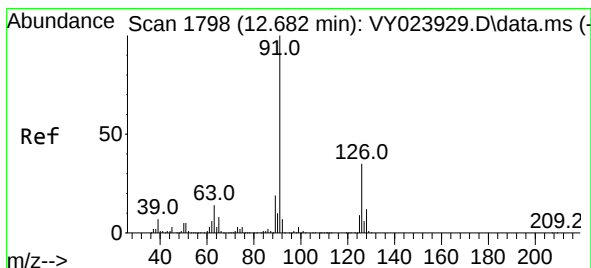
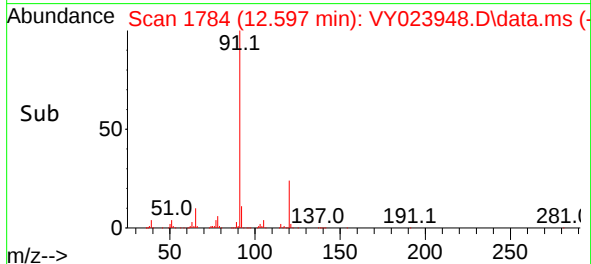
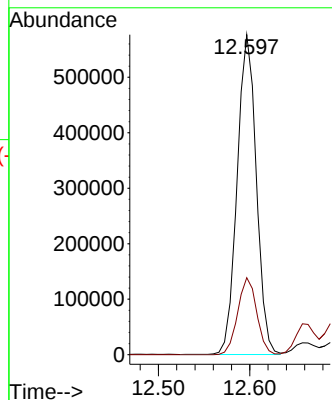
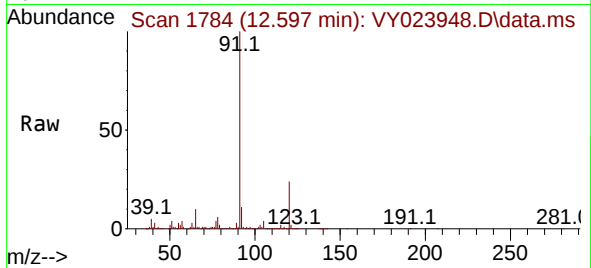




#78
n-propylbenzene
Concen: 110.224 ug/l
RT: 12.597 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023948.D
Acq: 11 Dec 2025 12:28

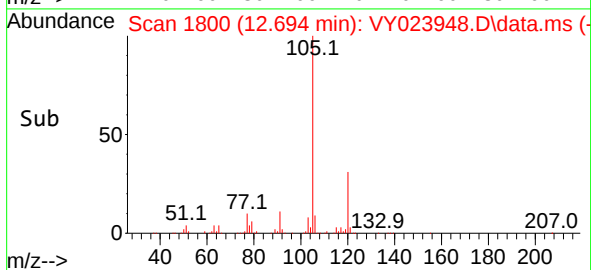
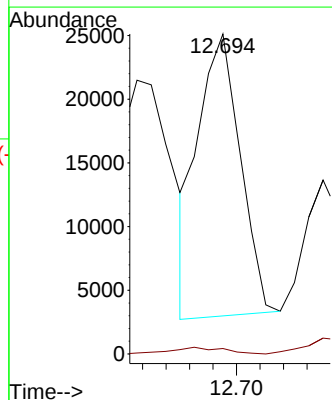
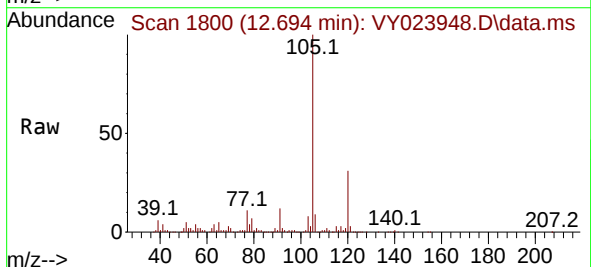
Instrument :
MSVOA_Y
ClientSampleId :
RE

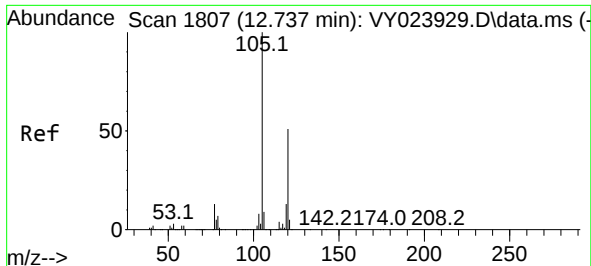
Tgt Ion: 91 Resp: 839580
Ion Ratio Lower Upper
91 100
120 23.9 12.0 36.0



#79
2-Chlorotoluene
Concen: 6.390 ug/l
RT: 12.694 min Scan# 1800
Delta R.T. 0.012 min
Lab File: VY023948.D
Acq: 11 Dec 2025 12:28

Tgt Ion: 91 Resp: 27650
Ion Ratio Lower Upper
91 100
126 3.0 17.9 53.7#

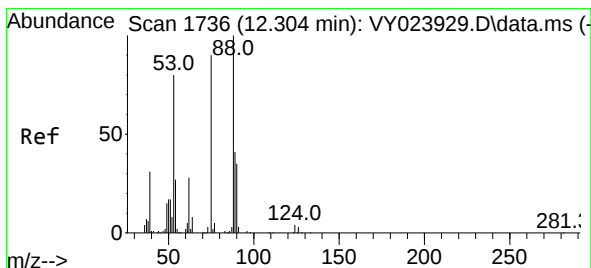
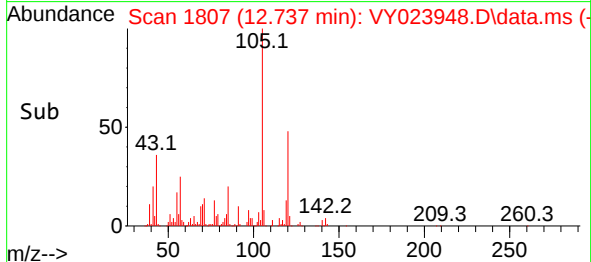
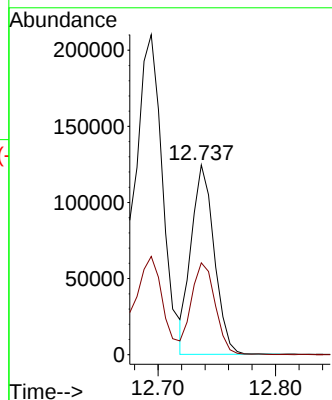
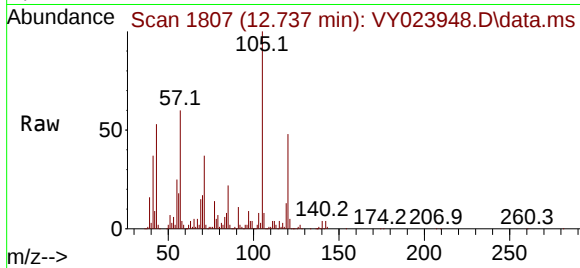




#80
 1,3,5-Trimethylbenzene
 Concen: 32.402 ug/l
 RT: 12.737 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY023948.D
 Acq: 11 Dec 2025 12:28

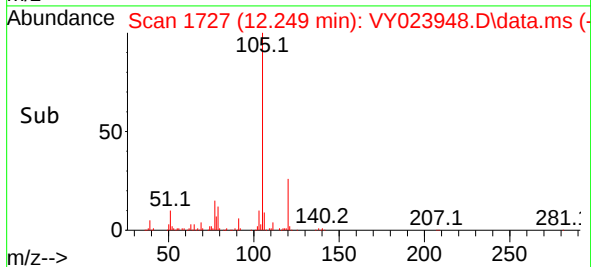
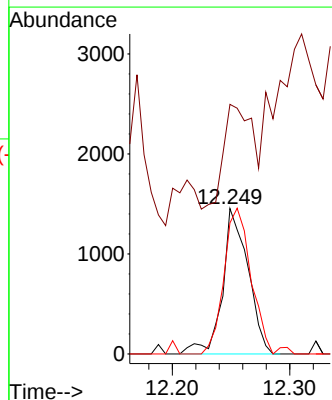
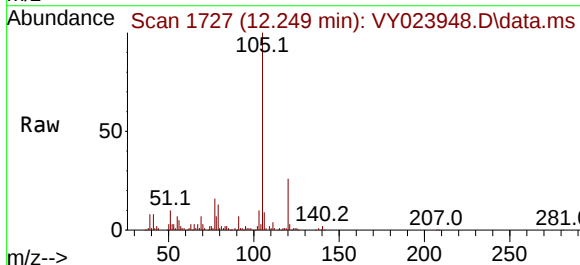
Instrument :
 MSVOA_Y
 ClientSampleId :
 RE

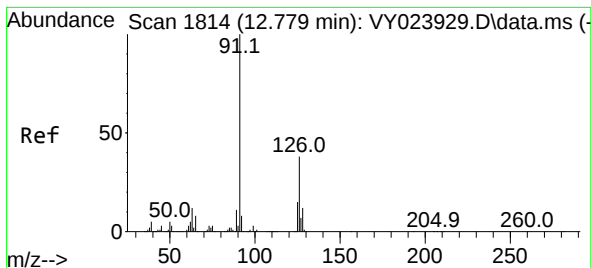
Tgt Ion:105 Resp: 169231
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.7 77.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 6.596 ug/l
 RT: 12.249 min Scan# 1727
 Delta R.T. -0.055 min
 Lab File: VY023948.D
 Acq: 11 Dec 2025 12:28

Tgt Ion: 75 Resp: 2196
 Ion Ratio Lower Upper
 75 100
 53 82.1 73.4 110.0
 89 108.1 38.9 58.3#

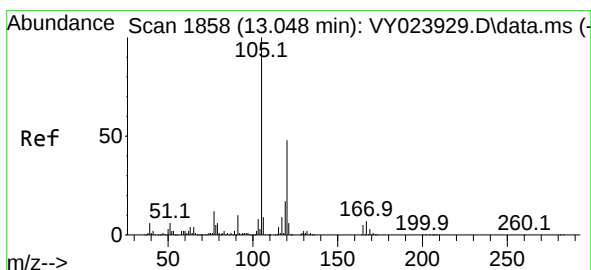
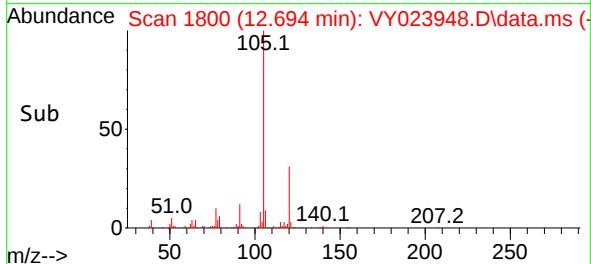
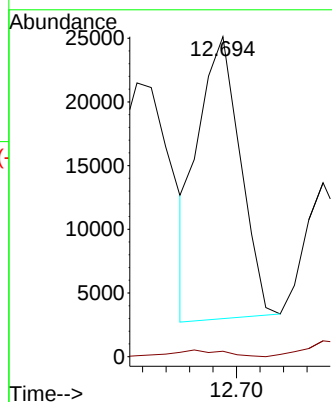
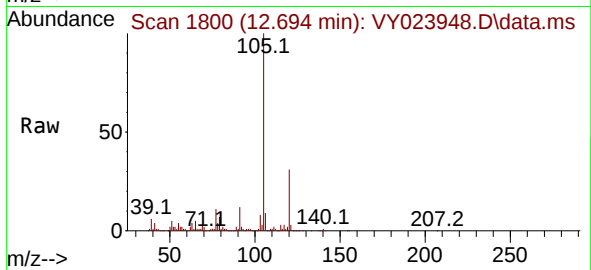




#82
4-Chlorotoluene
Concen: 6.208 ug/l
RT: 12.694 min Scan# 1800
Delta R.T. -0.085 min
Lab File: VY023948.D
Acq: 11 Dec 2025 12:28

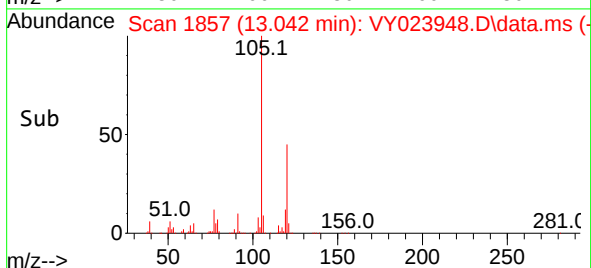
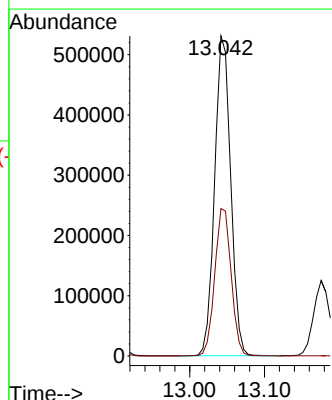
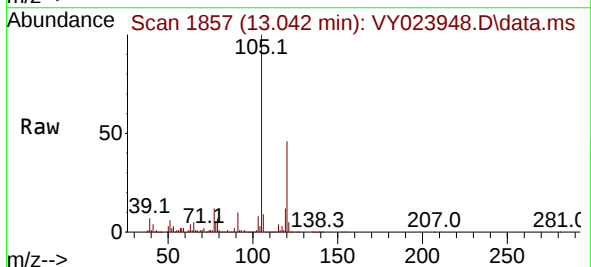
Instrument :
MSVOA_Y
ClientSampleId :
RE

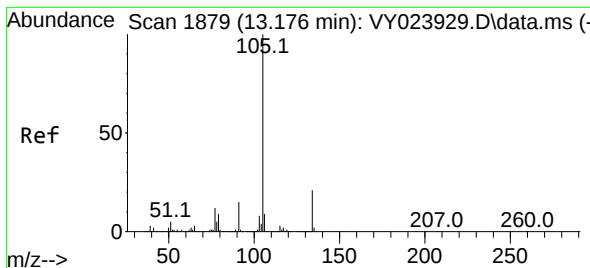
Tgt Ion: 91 Resp: 27650
Ion Ratio Lower Upper
91 100
126 3.0 18.1 54.1#



#84
1,2,4-Trimethylbenzene
Concen: 152.922 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY023948.D
Acq: 11 Dec 2025 12:28

Tgt Ion: 105 Resp: 791217
Ion Ratio Lower Upper
105 100
120 47.2 23.4 70.3





#85

sec-Butylbenzene

Concen: 26.082 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY023948.D

Acq: 11 Dec 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

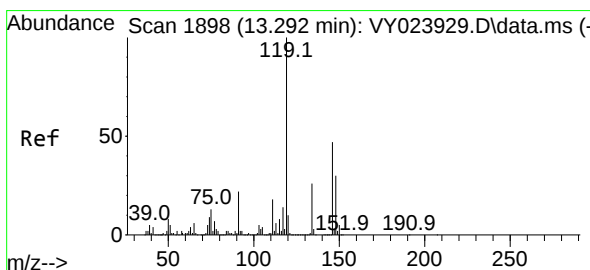
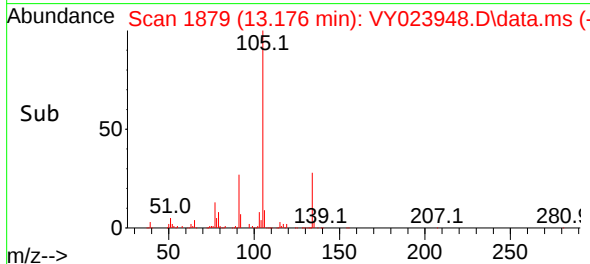
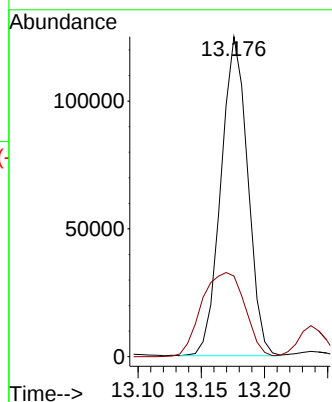
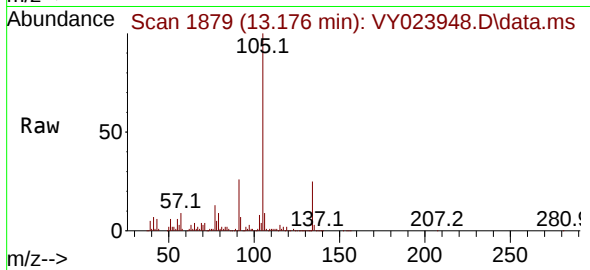
RE

Tgt Ion:105 Resp: 183607

Ion Ratio Lower Upper

105 100

134 42.6 10.6 31.8#



#86

p-Isopropyltoluene

Concen: 8.632 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY023948.D

Acq: 11 Dec 2025 12:28

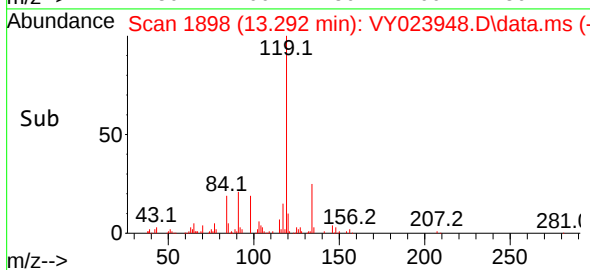
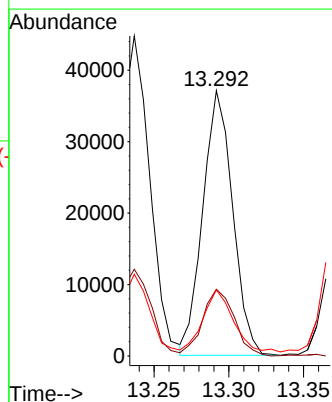
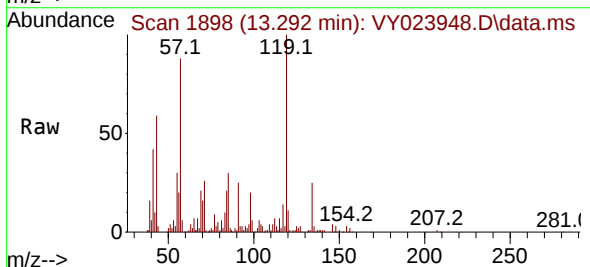
Tgt Ion:119 Resp: 51432

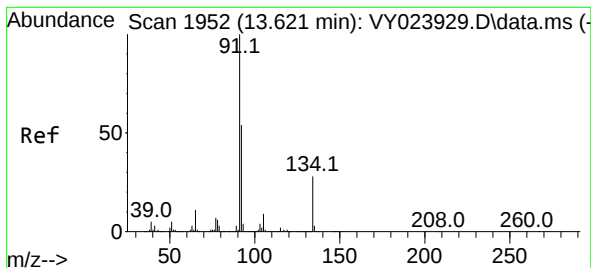
Ion Ratio Lower Upper

119 100

134 26.3 13.6 40.7

91 23.5 11.1 33.3





#89

n-Butylbenzene

Concen: 70.684 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY023948.D

Acq: 11 Dec 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

RE

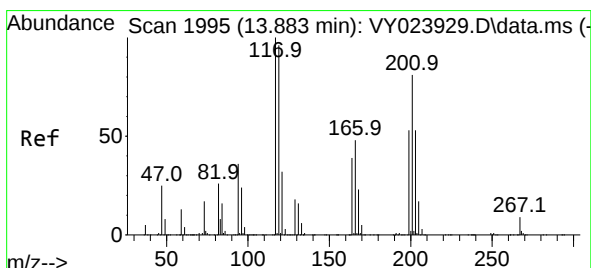
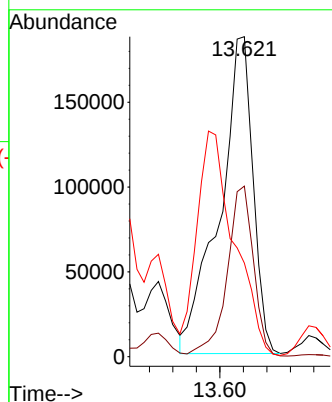
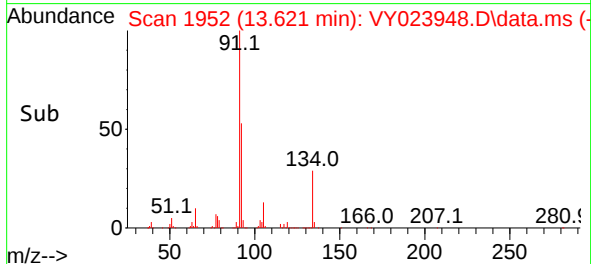
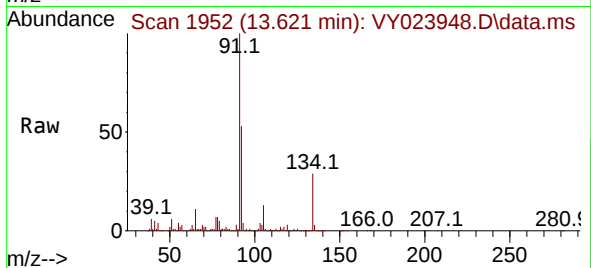
Tgt Ion: 91 Resp: 368487

Ion Ratio Lower Upper

91 100

92 42.4 26.9 80.6

134 0.0 13.9 41.6#



#90

Hexachloroethane

Concen: 79.176 ug/l

RT: 13.895 min Scan# 1997

Delta R.T. 0.012 min

Lab File: VY023948.D

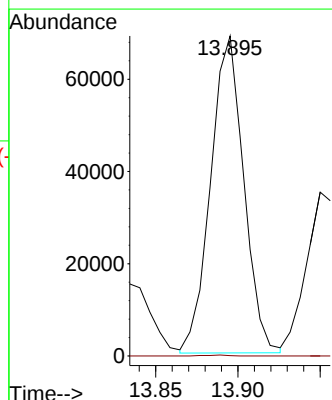
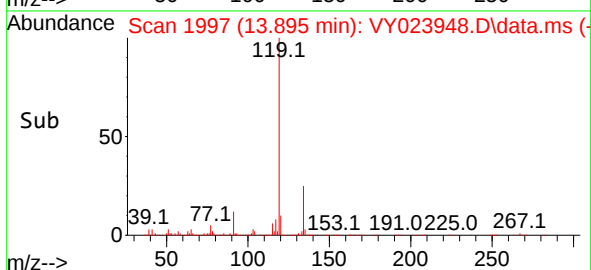
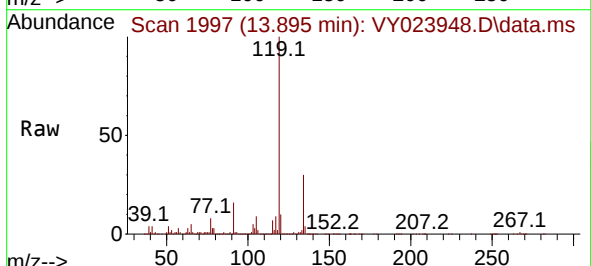
Acq: 11 Dec 2025 12:28

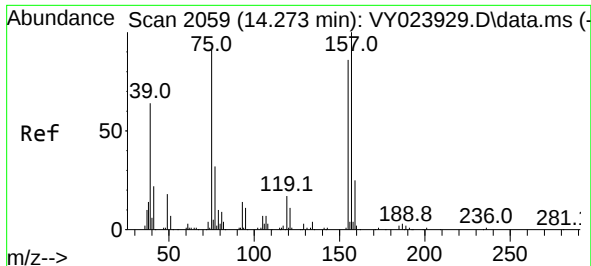
Tgt Ion: 117 Resp: 96271

Ion Ratio Lower Upper

117 100

201 0.2 42.4 127.3#





#92

1,2-Dibromo-3-Chloropropane

Concen: 13.360 ug/l

RT: 14.249 min Scan# 2055

Delta R.T. -0.024 min

Lab File: VY023948.D

Acq: 11 Dec 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

RE

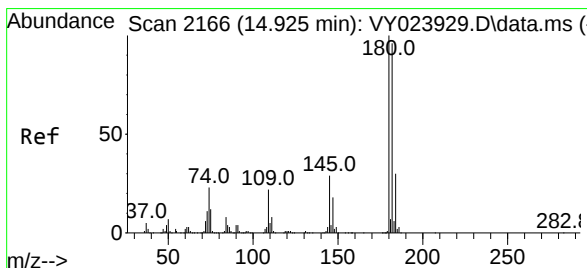
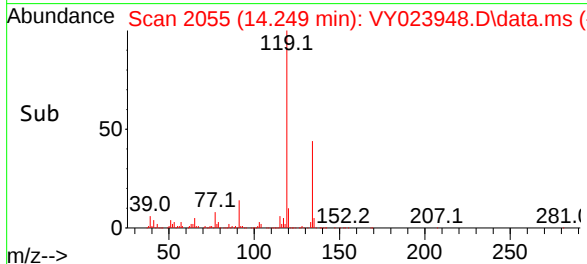
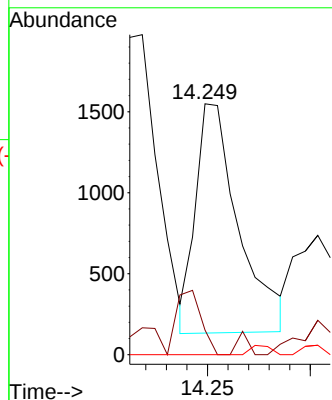
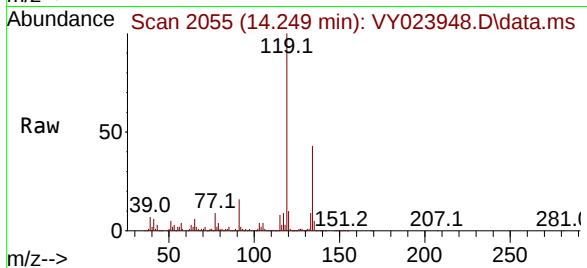
Tgt Ion: 75 Resp: 2062

Ion Ratio Lower Upper

75 100

155 16.3 50.2 150.7#

157 0.0 62.8 188.5#



#93

1,2,4-Trichlorobenzene

Concen: 1.531 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY023948.D

Acq: 11 Dec 2025 12:28

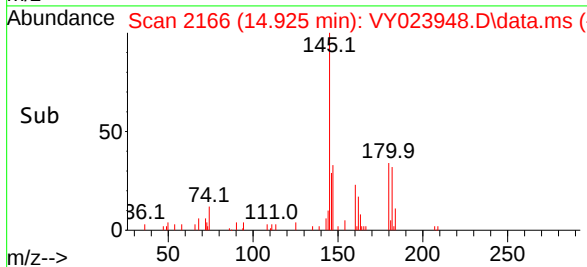
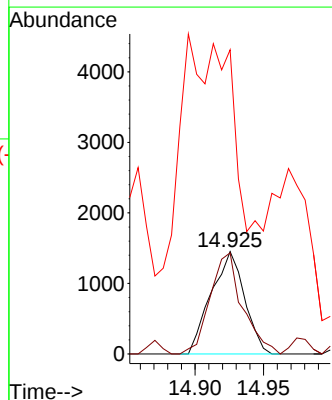
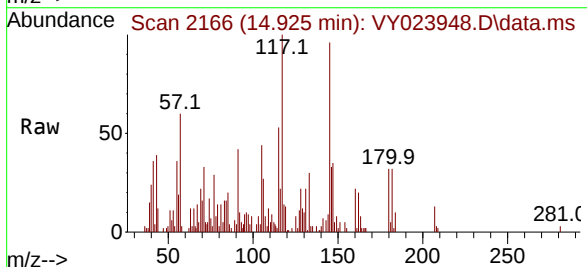
Tgt Ion:180 Resp: 2459

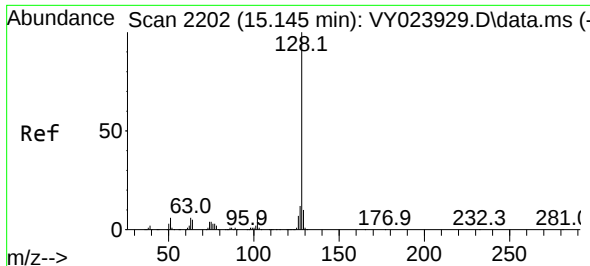
Ion Ratio Lower Upper

180 100

182 95.4 47.6 142.9

145 0.0 14.8 44.4#

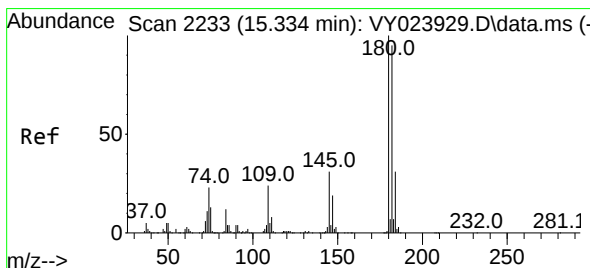
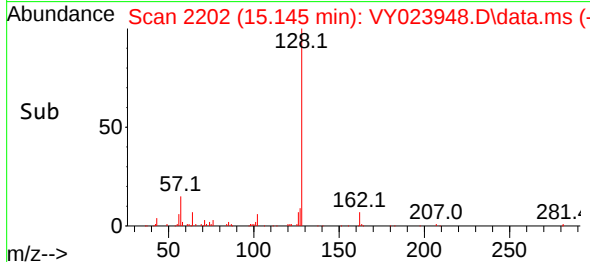
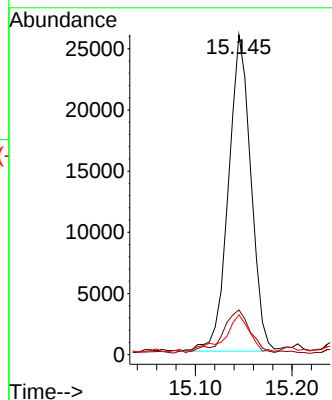
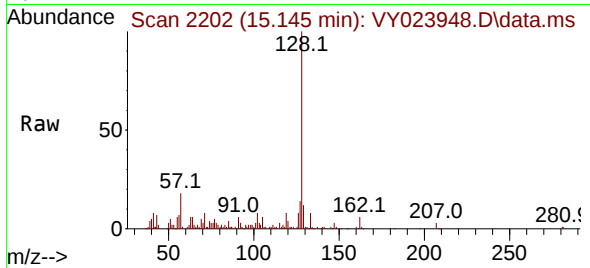




#95
Naphthalene
Concen: 16.847 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY023948.D
Acq: 11 Dec 2025 12:28

Instrument :
MSVOA_Y
ClientSampleId :
RE

Tgt Ion:128 Resp: 41847
Ion Ratio Lower Upper
128 100
127 16.9 10.2 15.2#
129 14.0 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 1.925 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY023948.D
Acq: 11 Dec 2025 12:28

Tgt Ion:180 Resp: 2632
Ion Ratio Lower Upper
180 100
182 96.0 47.8 143.4
145 0.0 15.6 46.8#

