

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
 Data File : VY023890.D
 Acq On : 04 Dec 2025 13:32
 Operator : SY/MD
 Sample : Q3742-18
 Misc : 4.82g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1125-24

Quant Time: Dec 05 01:46:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:49:13 2025
 Response via : Initial Calibration

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

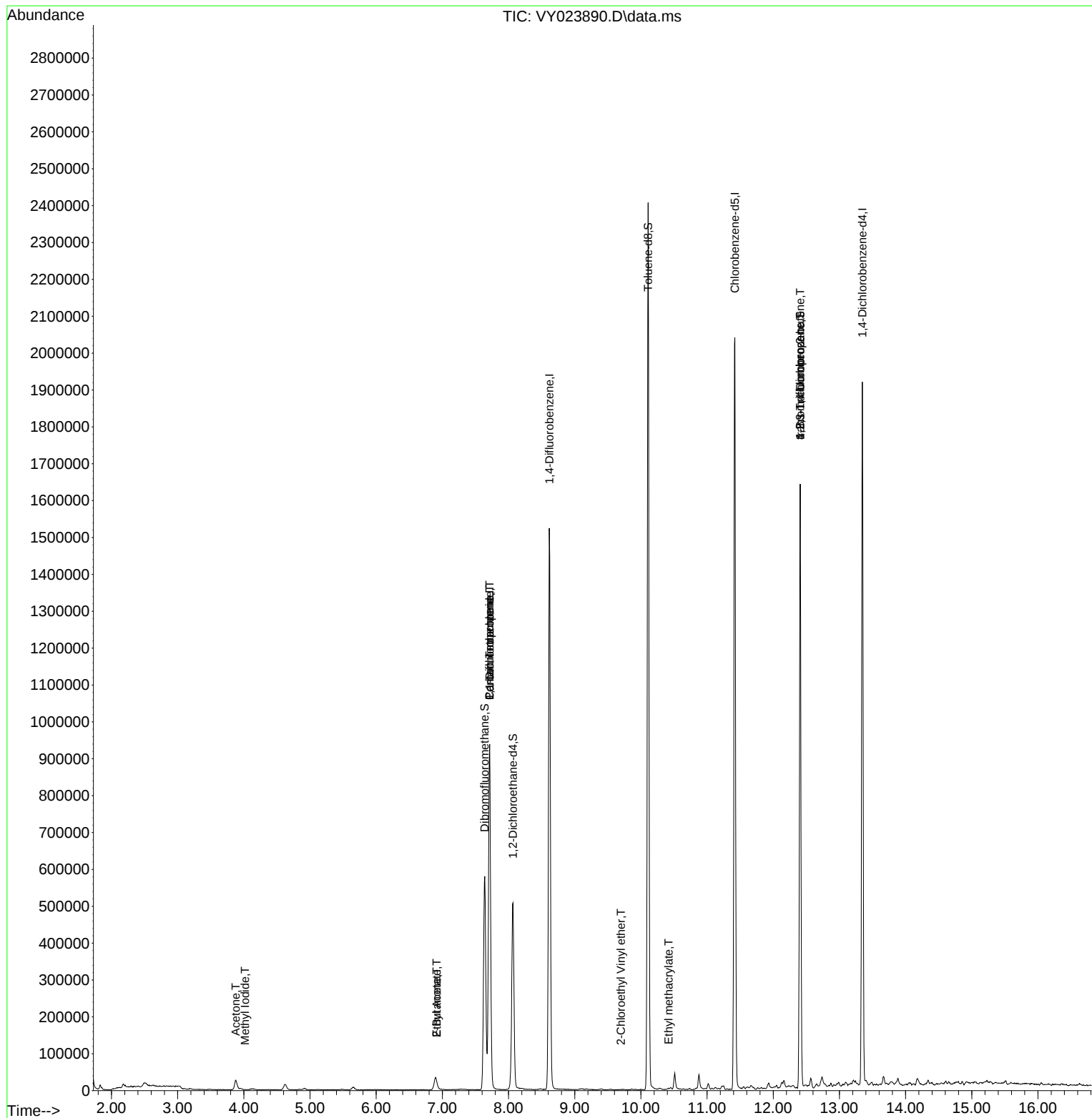
Internal Standards						
1) Pentafluorobenzene	7.713	168	754176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1322794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1144208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	497891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	398649	52.840	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.680%
35) Dibromofluoromethane	7.640	113	415857	49.016	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.040%
50) Toluene-d8	10.109	98	1529804	46.337	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.680%
62) 4-Bromofluorobenzene	12.408	95	467005	41.472	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.940%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.019	142	225	2.465	ug/l #	39
11) Tert butyl alcohol	4.848	59	1530	Below Cal	#	74
16) Acetone	3.879	43	45373	20.070	ug/l	100
20) Methylene Chloride	4.622	84	11036	Below Cal	#	79
25) 2-Butanone	6.915	43	14729	5.405	ug/l	97
36) 1,1-Dichloropropene	7.713	75	51959	4.153	ug/l #	50
37) Ethyl Acetate	6.915	43	14729	2.550	ug/l #	69
38) Carbon Tetrachloride	7.713	117	70708	5.121	ug/l #	15
56) Ethyl methacrylate	10.420	69	1119	4.258	ug/l #	44
58) 2-Chloroethyl Vinyl ether	9.701	63	64	14.732	ug/l #	47
76) 1,2,3-Trichloropropane	12.408	75	241044	48.834	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	241044	116.963	ug/l #	14

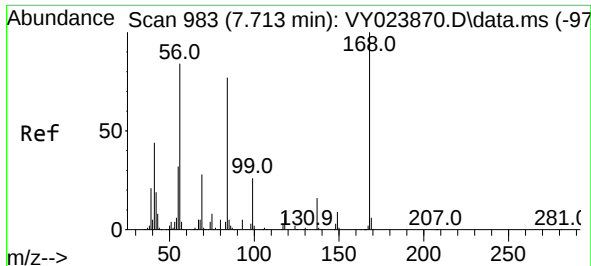
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
Data File : VY023890.D
Acq On : 04 Dec 2025 13:32
Operator : SY/MD
Sample : Q3742-18
Misc : 4.82g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-24

Quant Time: Dec 05 01:46:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:49:13 2025
Response via : Initial Calibration

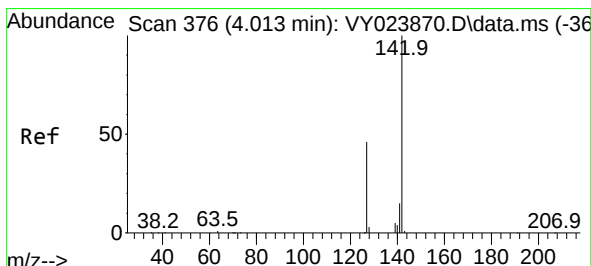
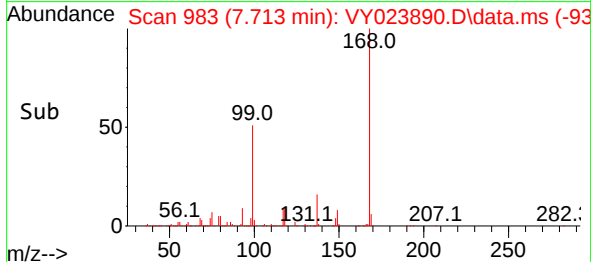
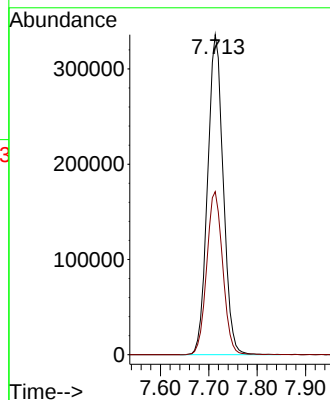
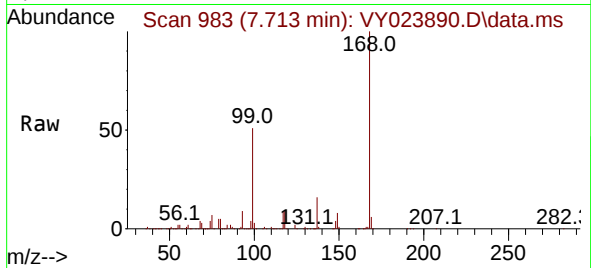




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY023890.D
Acq: 04 Dec 2025 13:32

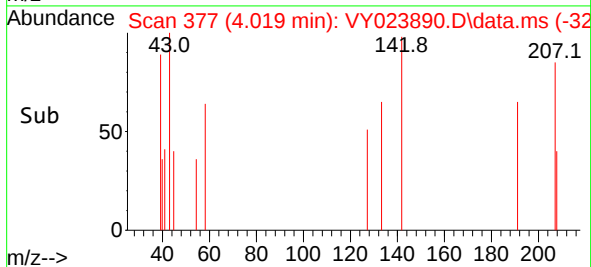
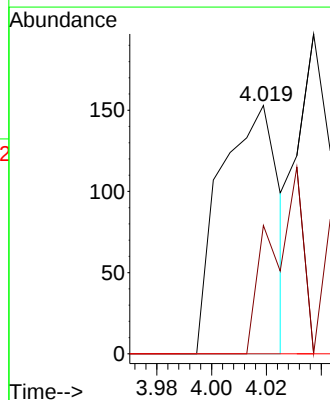
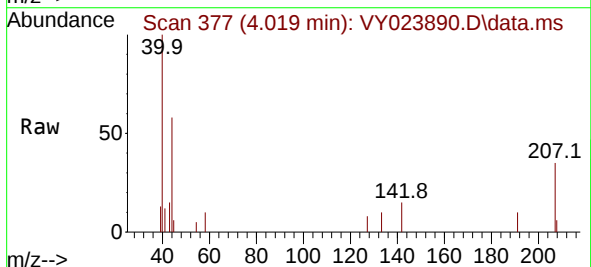
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-24

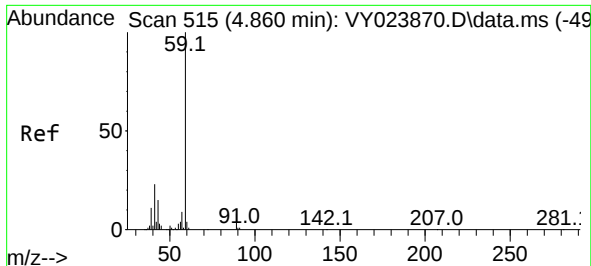
Tgt Ion:168 Resp: 754176
Ion Ratio Lower Upper
168 100
99 50.9 42.5 63.7



#10
Methyl Iodide
Concen: 2.465 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY023890.D
Acq: 04 Dec 2025 13:32

Tgt Ion:142 Resp: 225
Ion Ratio Lower Upper
142 100
127 0.0 36.1 54.1#
141 0.0 11.8 17.8#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.848 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY023890.D

Acq: 04 Dec 2025 13:32

Instrument :

MSVOA_Y

ClientSampleId :

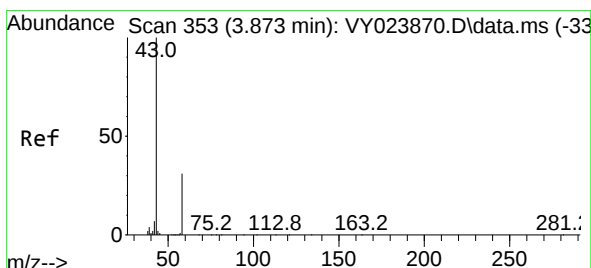
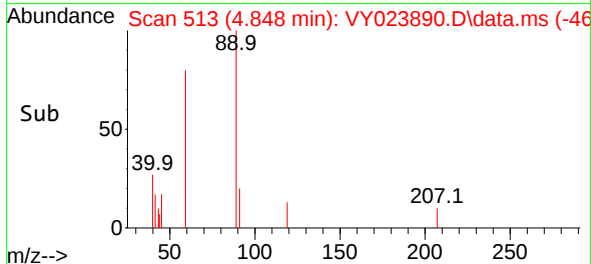
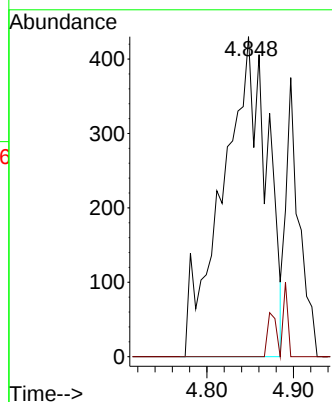
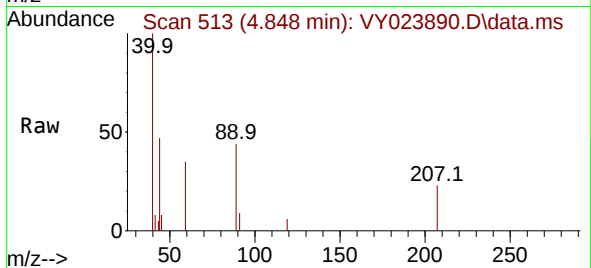
SB-1125-24

Tgt Ion: 59 Resp: 1530

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



#16

Acetone

Concen: 20.070 ug/l

RT: 3.879 min Scan# 354

Delta R.T. 0.006 min

Lab File: VY023890.D

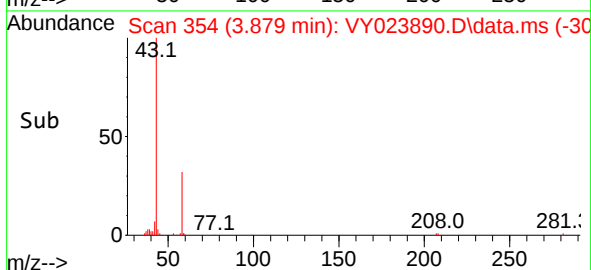
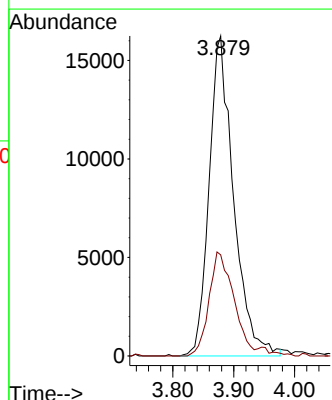
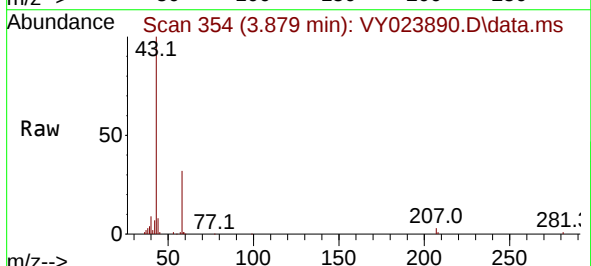
Acq: 04 Dec 2025 13:32

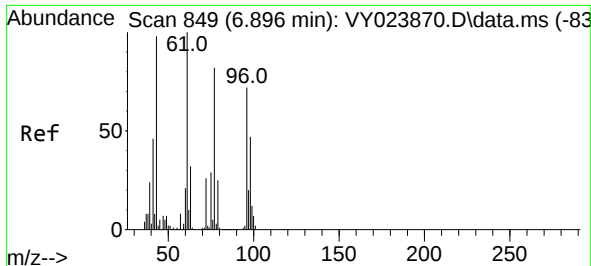
Tgt Ion: 43 Resp: 45373

Ion Ratio Lower Upper

43 100

58 31.6 25.1 37.7

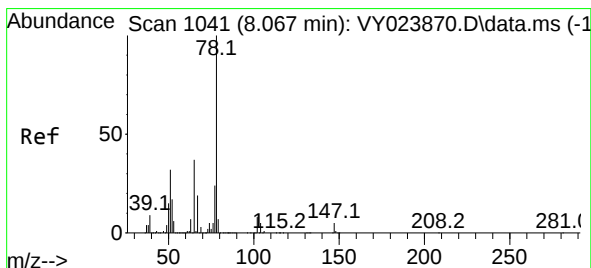
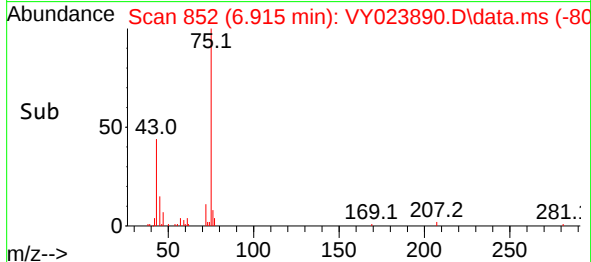
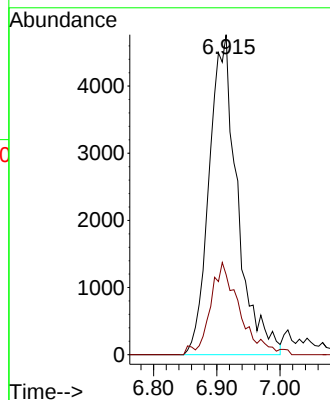
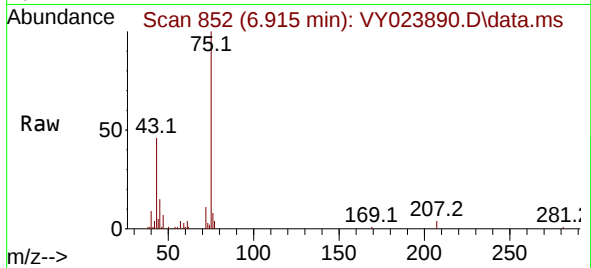




#25
2-Butanone
Concen: 5.405 ug/l
RT: 6.915 min Scan# 849
Delta R.T. 0.018 min
Lab File: VY023890.D
Acq: 04 Dec 2025 13:32

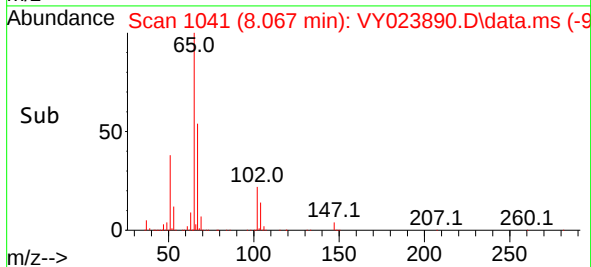
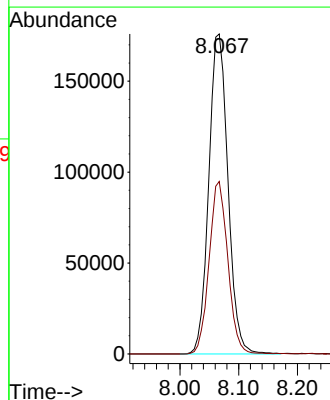
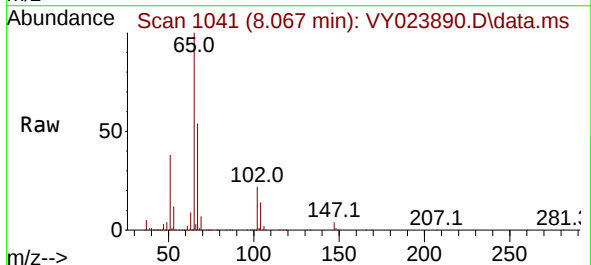
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-24

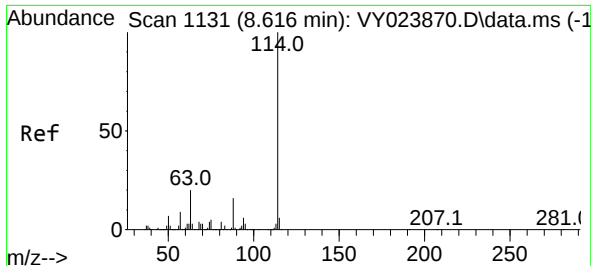
Tgt Ion: 43 Resp: 14729
Ion Ratio Lower Upper
43 100
72 25.0 21.0 31.6



#33
1,2-Dichloroethane-d4
Concen: 52.840 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY023890.D
Acq: 04 Dec 2025 13:32

Tgt Ion: 65 Resp: 398649
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.2

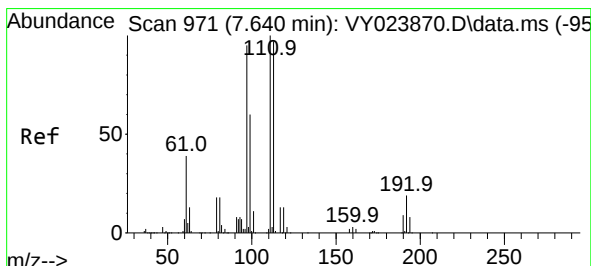
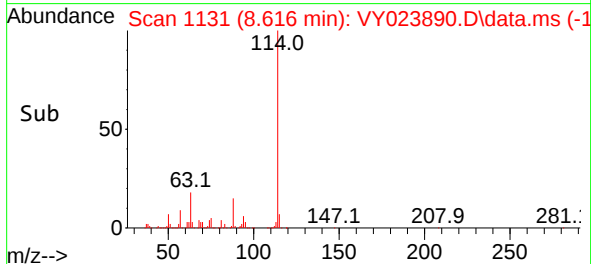
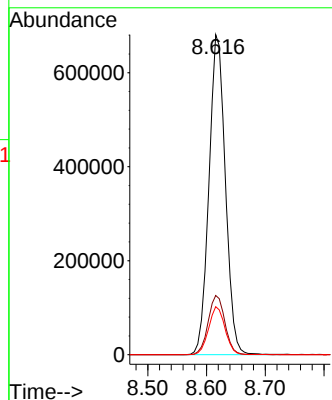
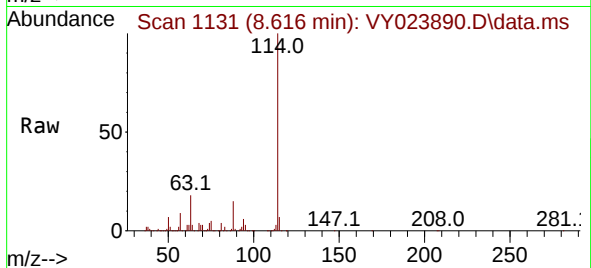




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023890.D
Acq: 04 Dec 2025 13:32

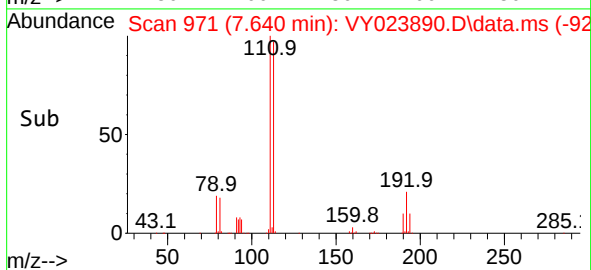
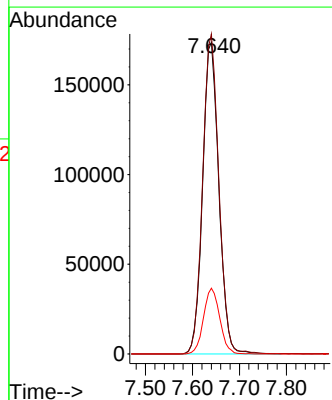
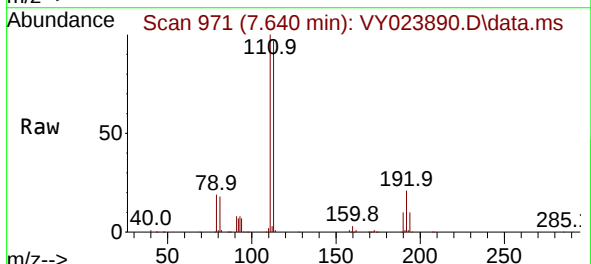
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-24

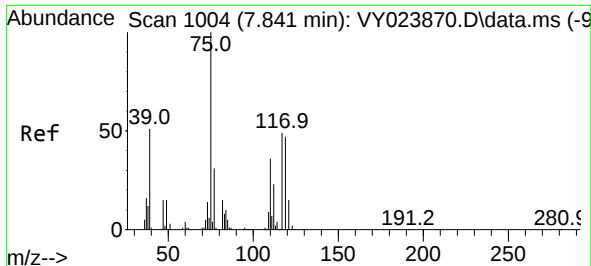
Tgt Ion:114 Resp: 1322794
Ion Ratio Lower Upper
114 100
63 18.5 0.0 39.2
88 15.0 0.0 31.4



#35
Dibromofluoromethane
Concen: 49.016 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY023890.D
Acq: 04 Dec 2025 13:32

Tgt Ion:113 Resp: 415857
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 21.1 15.8 23.8





#36

1,1-Dichloropropene

Concen: 4.153 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY023890.D

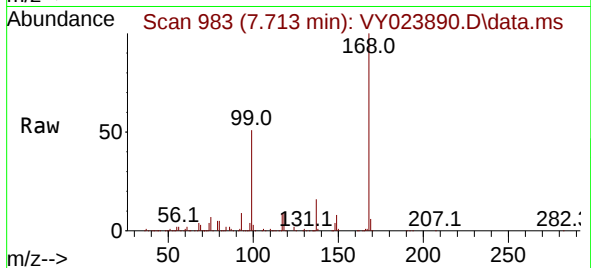
Acq: 04 Dec 2025 13:32

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-24



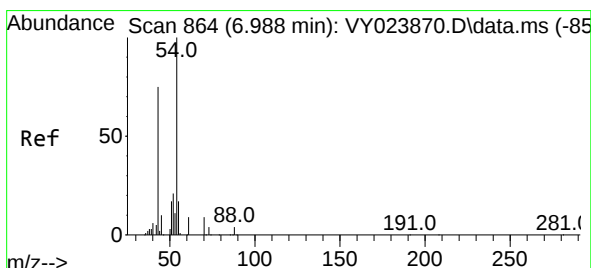
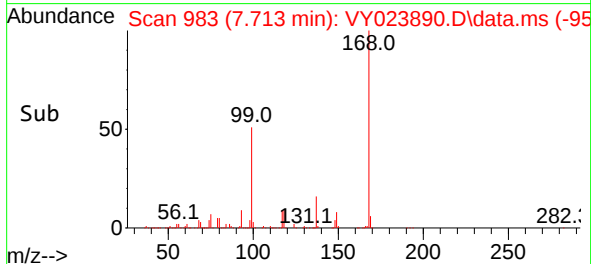
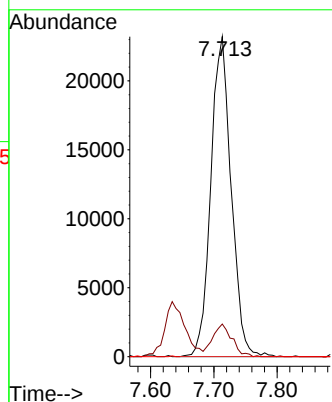
Tgt Ion: 75 Resp: 51959

Ion Ratio Lower Upper

75 100

110 9.7 17.6 52.9#

77 0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 2.550 ug/l

RT: 6.915 min Scan# 852

Delta R.T. -0.073 min

Lab File: VY023890.D

Acq: 04 Dec 2025 13:32

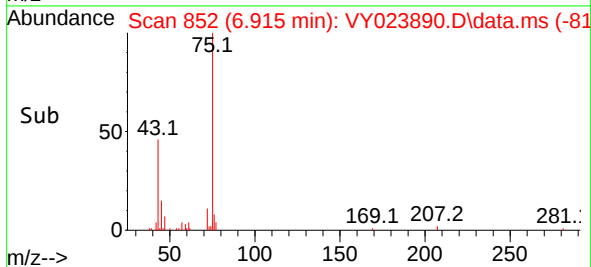
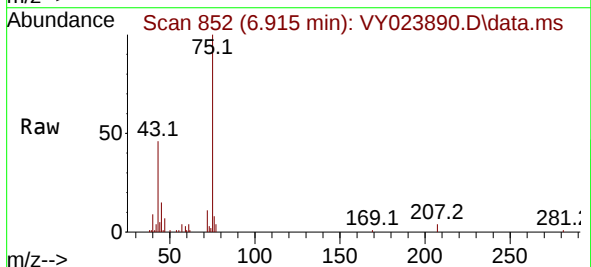
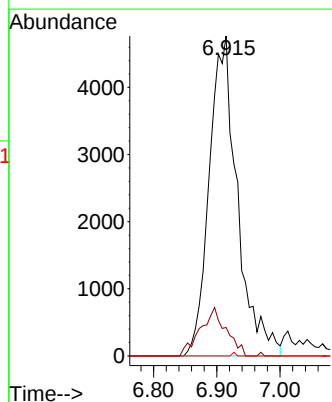
Tgt Ion: 43 Resp: 14729

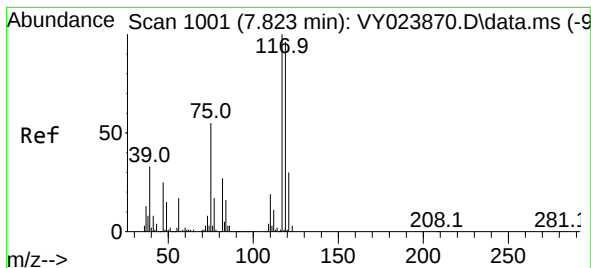
Ion Ratio Lower Upper

43 100

61 0.0 11.0 16.4#

70 0.1 8.1 12.1#





#38

Carbon Tetrachloride

Concen: 5.121 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.110 min

Lab File: VY023890.D

Acq: 04 Dec 2025 13:32

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-24

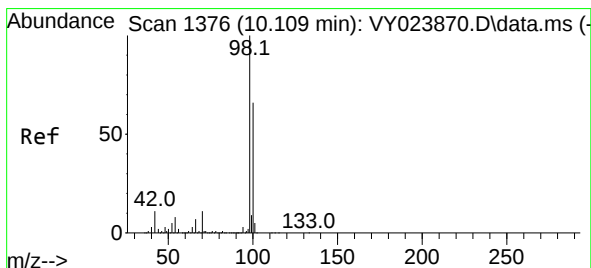
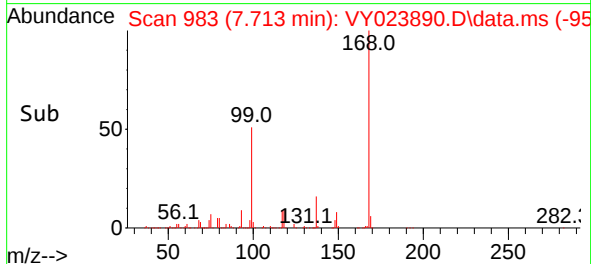
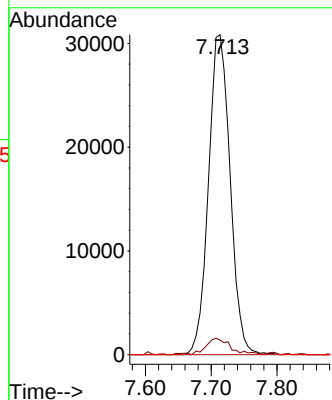
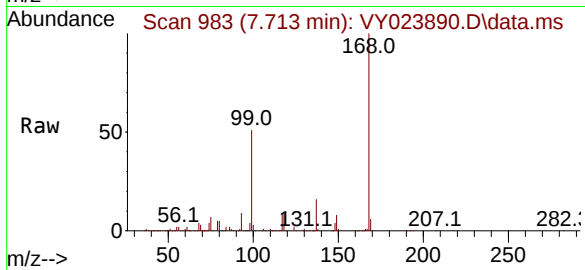
Tgt Ion:117 Resp: 70708

Ion Ratio Lower Upper

117 100

119 4.5 77.0 115.6#

121 0.0 23.9 35.9#



#50

Toluene-d8

Concen: 46.337 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY023890.D

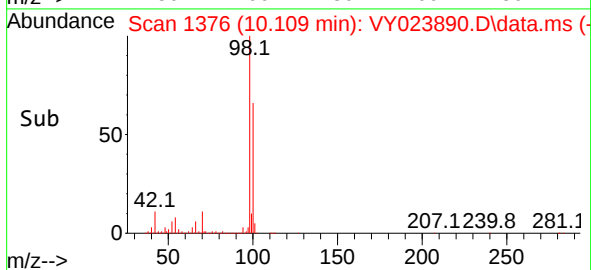
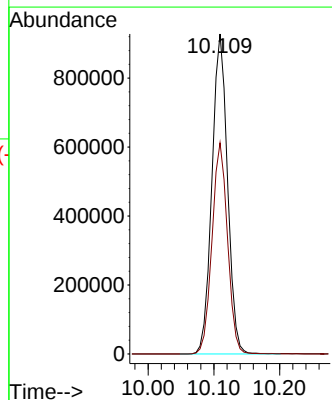
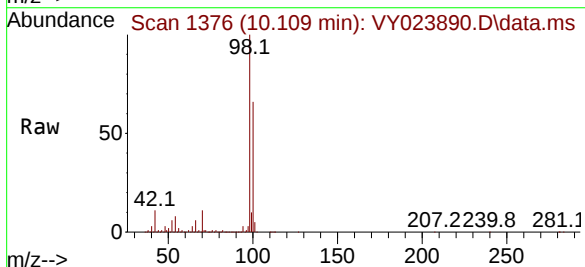
Acq: 04 Dec 2025 13:32

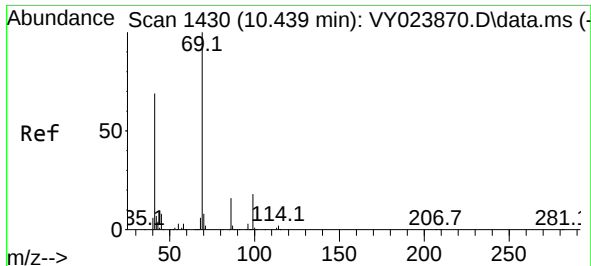
Tgt Ion: 98 Resp: 1529804

Ion Ratio Lower Upper

98 100

100 65.7 52.5 78.7

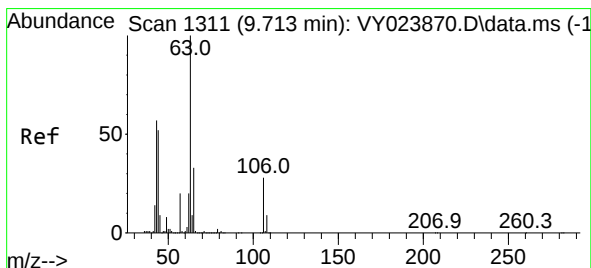
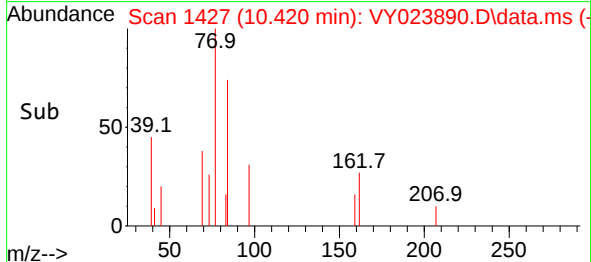
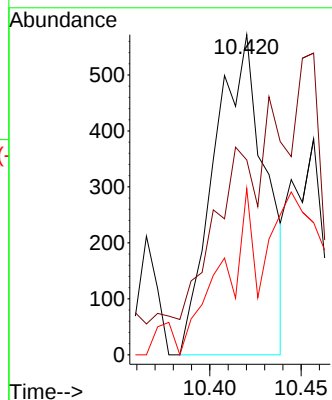
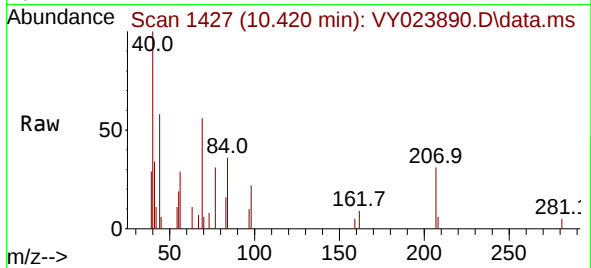




#56
Ethyl methacrylate
Concen: 4.258 ug/l
RT: 10.420 min Scan# 1430
Delta R.T. -0.018 min
Lab File: VY023890.D
Acq: 04 Dec 2025 13:32

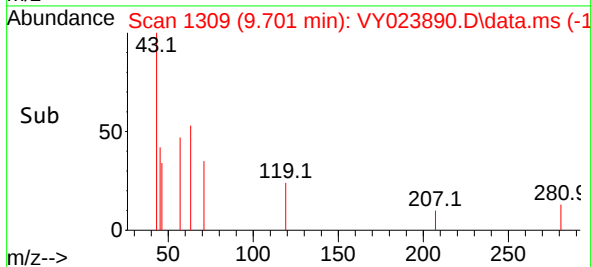
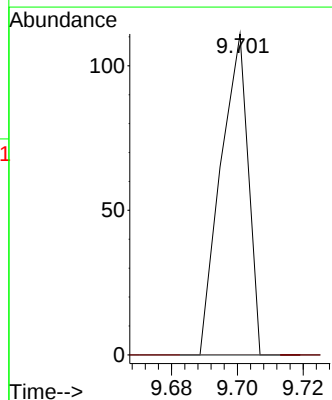
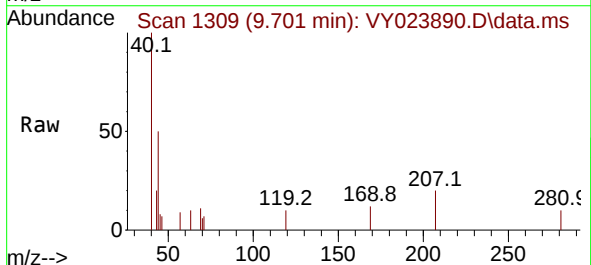
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-24

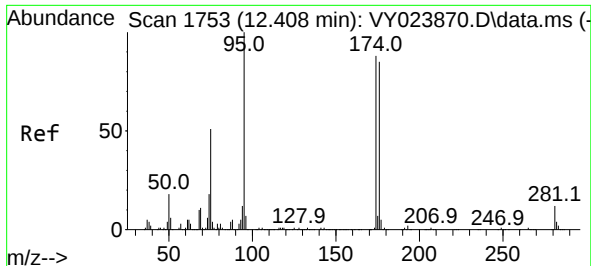
Tgt Ion: 69 Resp: 1119
Ion Ratio Lower Upper
69 100
41 0.0 52.5 78.7#
39 31.6 27.1 40.7



#58
2-Chloroethyl Vinyl ether
Concen: 14.732 ug/l
RT: 9.701 min Scan# 1309
Delta R.T. -0.012 min
Lab File: VY023890.D
Acq: 04 Dec 2025 13:32

Tgt Ion: 63 Resp: 64
Ion Ratio Lower Upper
63 100
106 0.0 22.5 33.7#

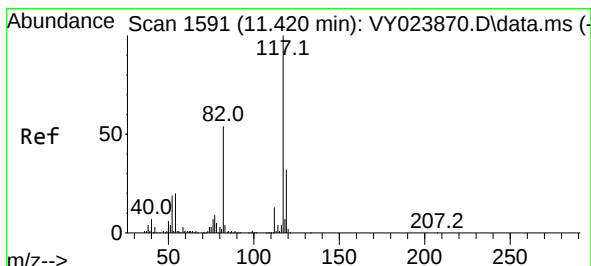
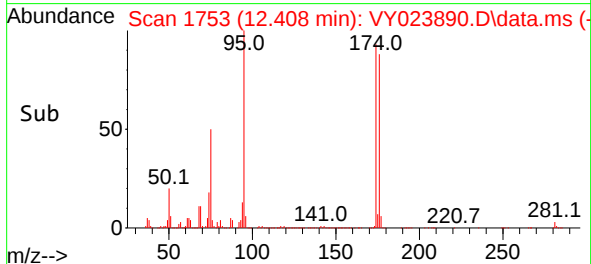
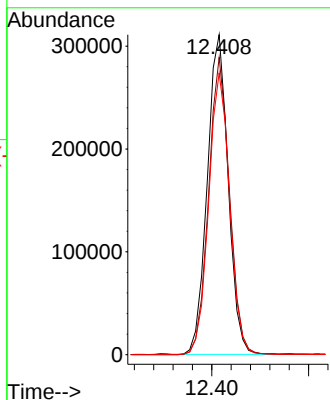
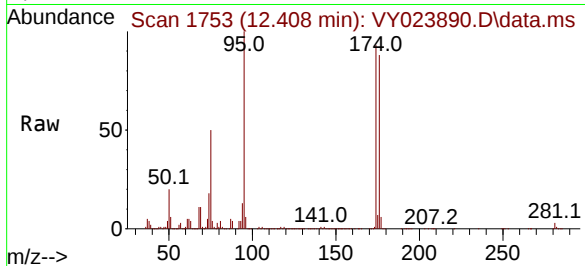




#62
4-Bromofluorobenzene
Concen: 41.472 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023890.D
Acq: 04 Dec 2025 13:32

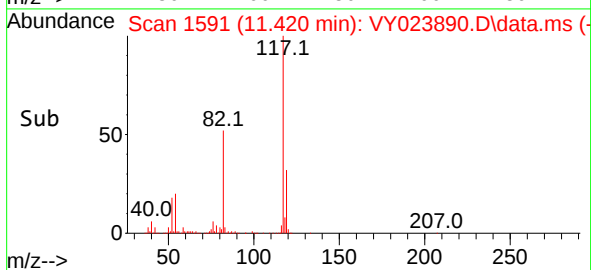
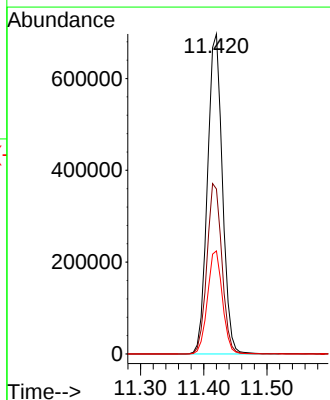
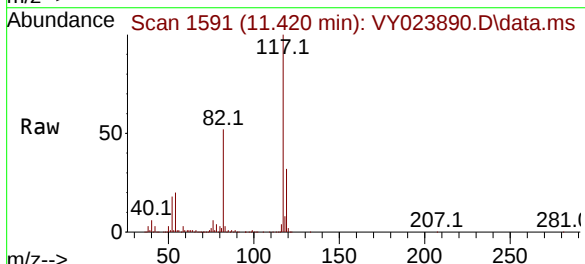
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-24

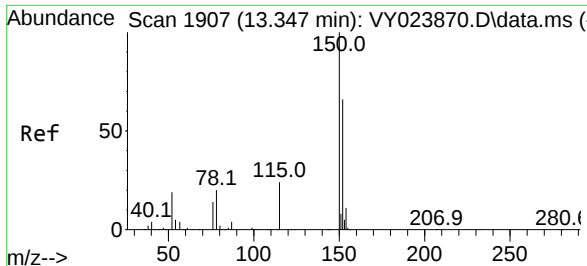
Tgt Ion: 95 Resp: 467005
Ion Ratio Lower Upper
95 100
174 92.9 0.0 169.6
176 88.6 0.0 164.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY023890.D
Acq: 04 Dec 2025 13:32

Tgt Ion: 117 Resp: 1144208
Ion Ratio Lower Upper
117 100
82 51.5 43.1 64.7
119 32.2 26.0 39.0

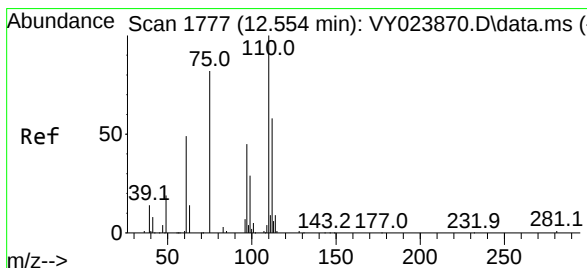
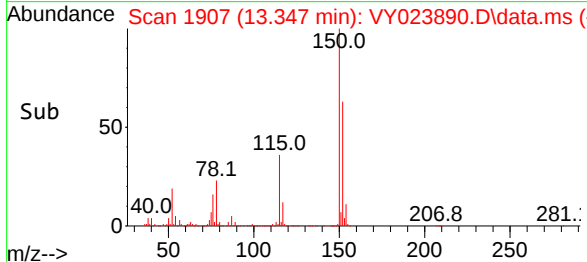
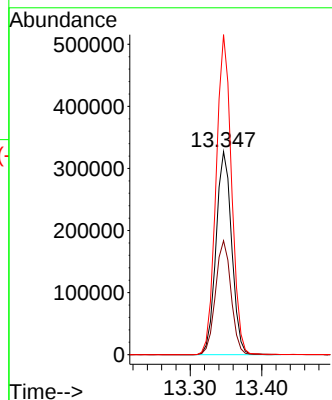
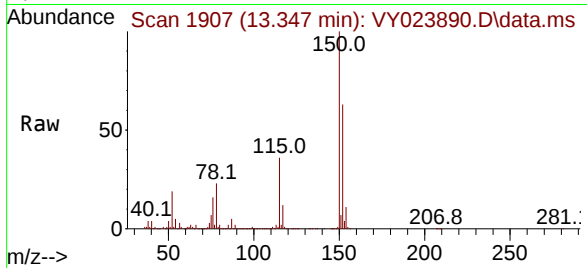




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY023890.D
 Acq: 04 Dec 2025 13:32

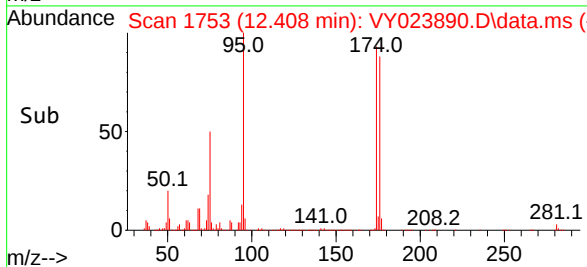
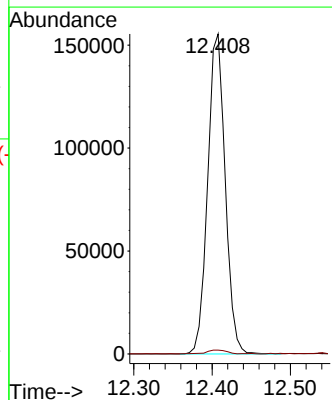
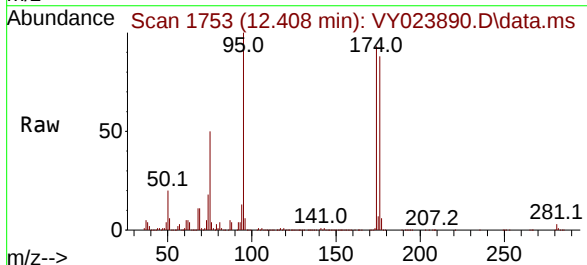
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1125-24

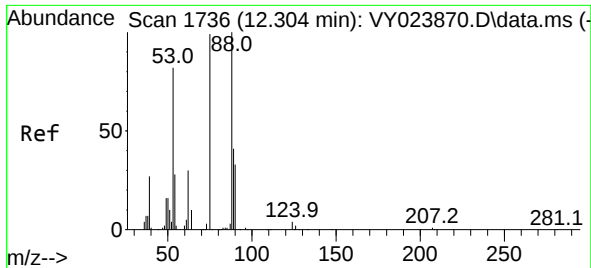
Tgt Ion:152 Resp: 497891
 Ion Ratio Lower Upper
 152 100
 115 55.6 28.8 86.4
 150 155.4 0.0 352.2



#76
 1,2,3-Trichloropropane
 Concen: 48.834 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY023890.D
 Acq: 04 Dec 2025 13:32

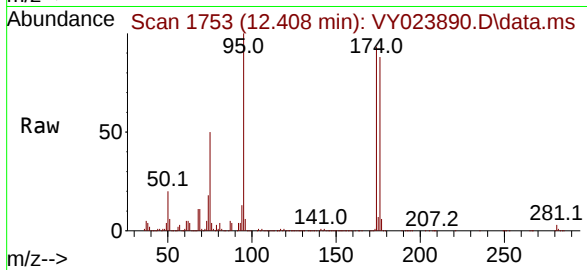
Tgt Ion: 75 Resp: 241044
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.963 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY023890.D
 Acq: 04 Dec 2025 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1125-24



Tgt Ion: 75 Resp: 241044
 Ion Ratio Lower Upper
 75 100
 53 0.3 71.1 106.7#
 89 0.0 36.3 54.5#

