

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
 Data File : VY023841.D
 Acq On : 01 Dec 2025 14:23
 Operator : SY/MD
 Sample : Q3741-01
 Misc : 6.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B50-SP3-111925

Quant Time: Dec 02 03:17:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 27 01:14:36 2025
 Response via : Initial Calibration

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

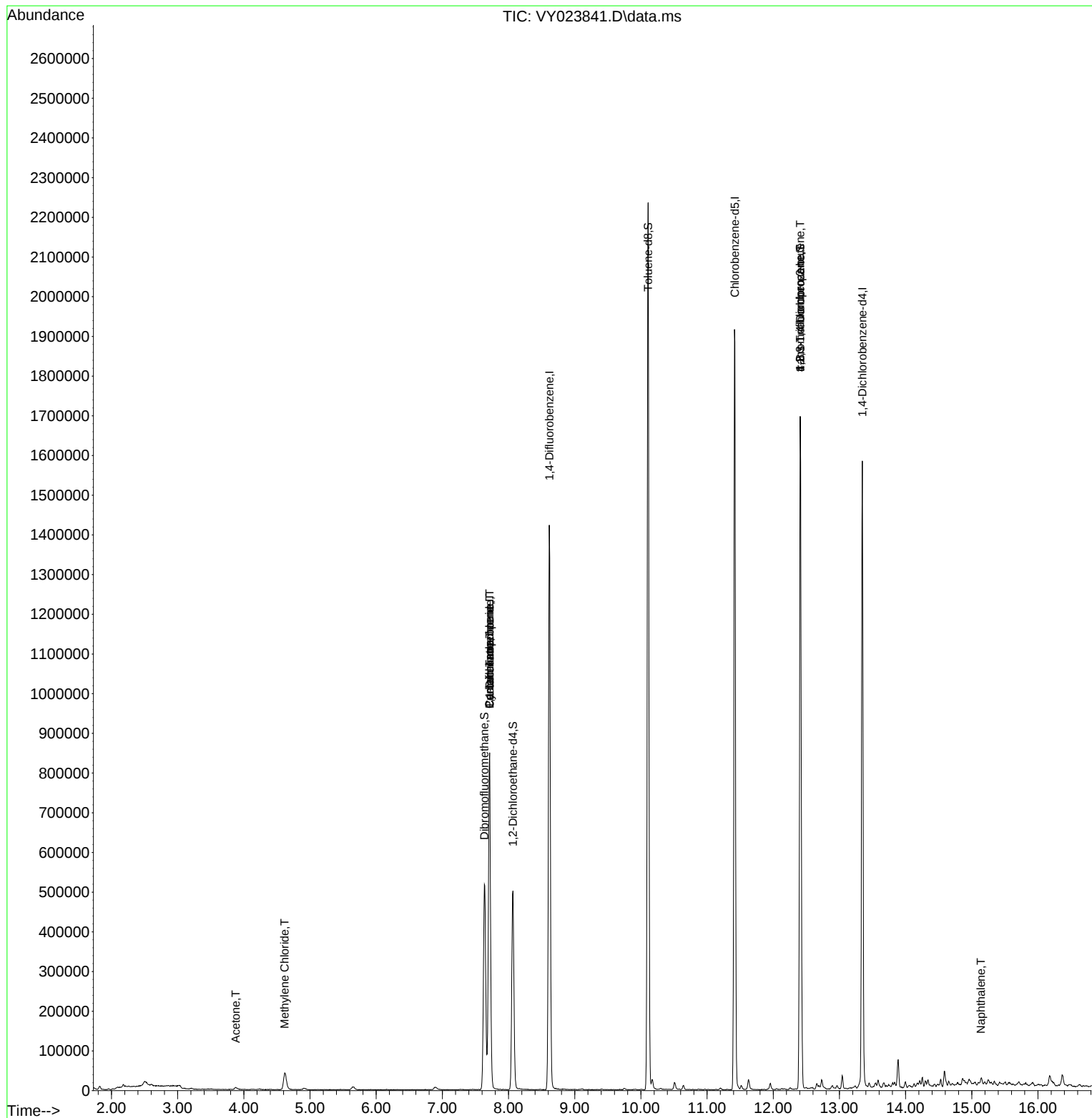
Internal Standards						
1) Pentafluorobenzene	7.713	168	649881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1225707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1028801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	402778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	399486	63.121	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.240%	
35) Dibromofluoromethane	7.634	113	378119	52.076	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.160%	
50) Toluene-d8	10.109	98	1448230	50.215	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.440%	
62) 4-Bromofluorobenzene	12.408	95	407988	42.994	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 85.980%	
Target Compounds						Qvalue
16) Acetone	3.879	43	9159	5.023	ug/l #	88
20) Methylene Chloride	4.616	84	32221	4.180	ug/l	91
31) Cyclohexane	7.713	56	13710	1.127	ug/l #	1
36) 1,1-Dichloropropene	7.713	75	49939	4.486	ug/l #	49
38) Carbon Tetrachloride	7.713	117	64877	5.309	ug/l #	15
76) 1,2,3-Trichloropropane	12.408	75	212620	60.703	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	212620	128.308	ug/l #	14
95) Naphthalene	15.139	128	13475	1.137	ug/l	95

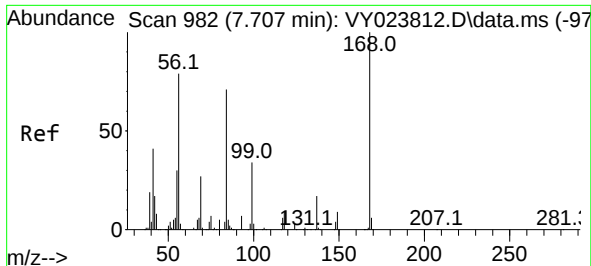
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
Data File : VY023841.D
Acq On : 01 Dec 2025 14:23
Operator : SY/MD
Sample : Q3741-01
Misc : 6.36g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B50-SP3-111925

Quant Time: Dec 02 03:17:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 2025
Response via : Initial Calibration

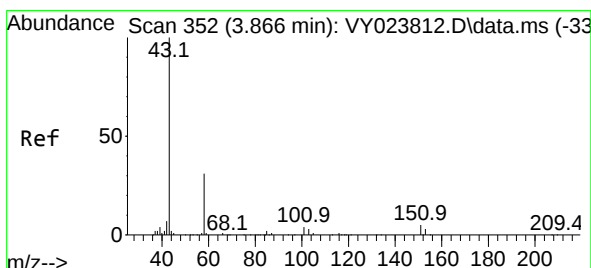
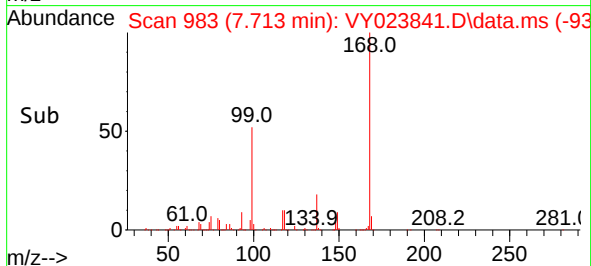
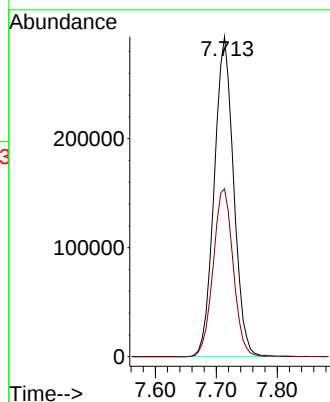
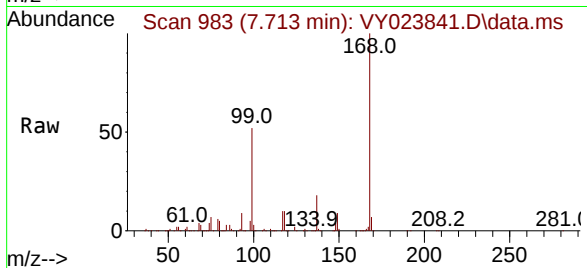




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023841.D
Acq: 01 Dec 2025 14:23

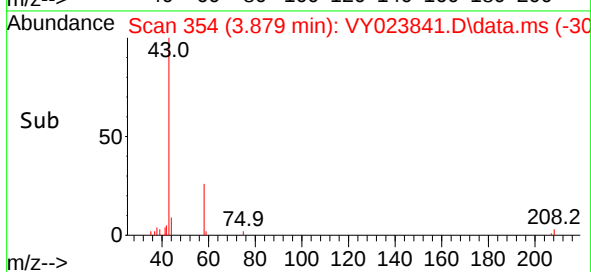
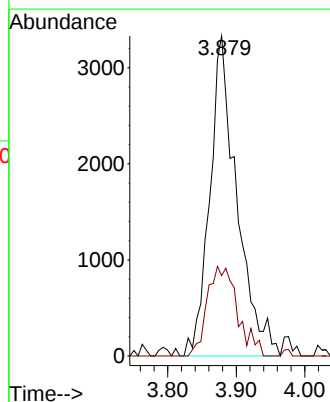
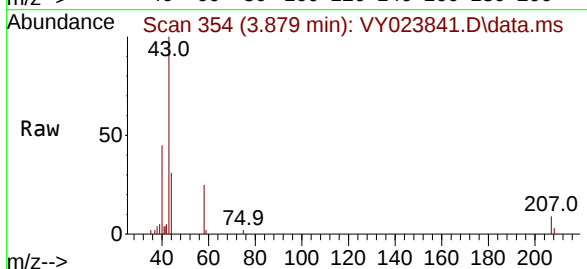
Instrument :
MSVOA_Y
ClientSampleId :
B50-SP3-111925

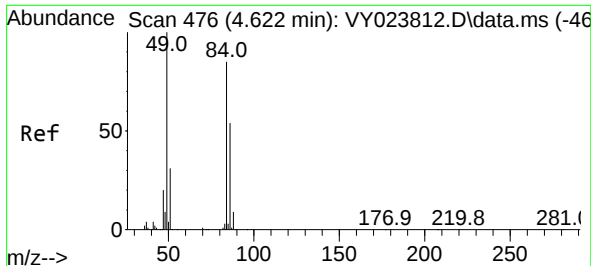
Tgt Ion:168 Resp: 649881
Ion Ratio Lower Upper
168 100
99 52.5 44.0 66.0



#16
Acetone
Concen: 5.023 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.012 min
Lab File: VY023841.D
Acq: 01 Dec 2025 14:23

Tgt Ion: 43 Resp: 9159
Ion Ratio Lower Upper
43 100
58 25.1 25.4 38.2#



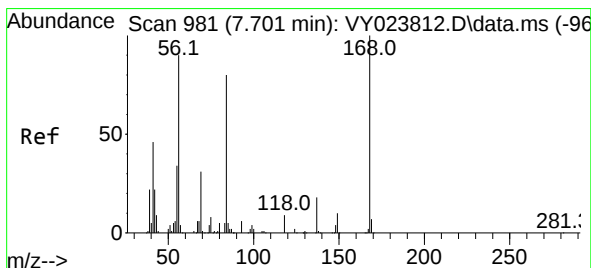
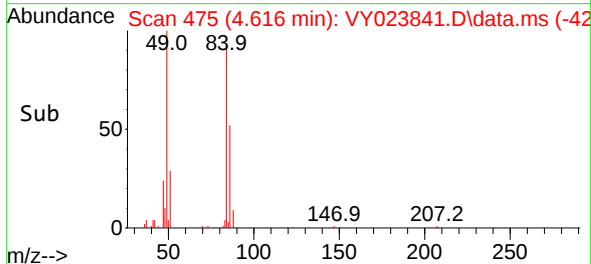
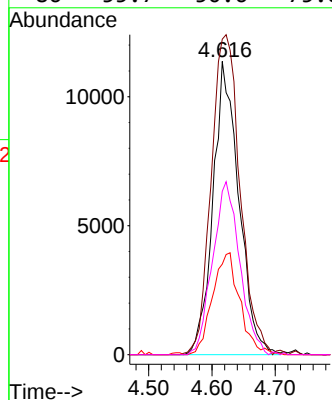
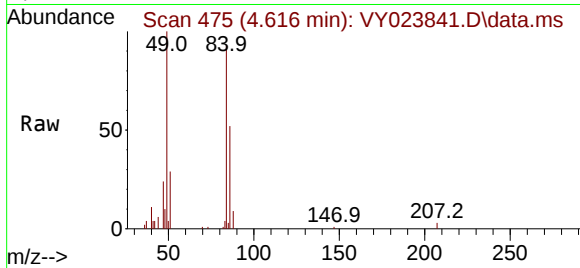


#20
Methylene Chloride
Concen: 4.180 ug/l
RT: 4.616 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY023841.D
Acq: 01 Dec 2025 14:23

Instrument :
MSVOA_Y
ClientSampleId :
B50-SP3-111925

Tgt Ion: 84 Resp: 32221

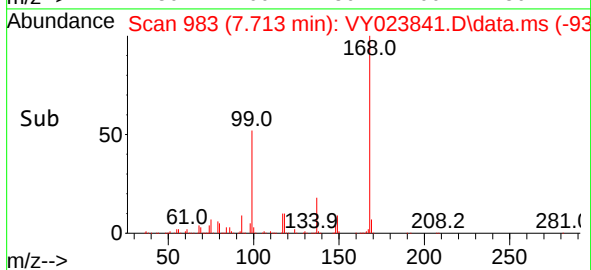
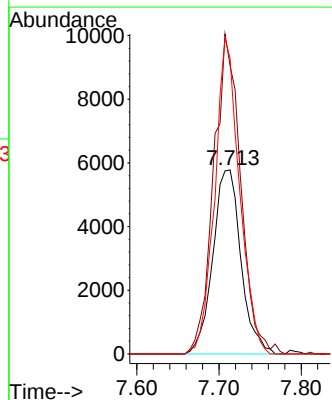
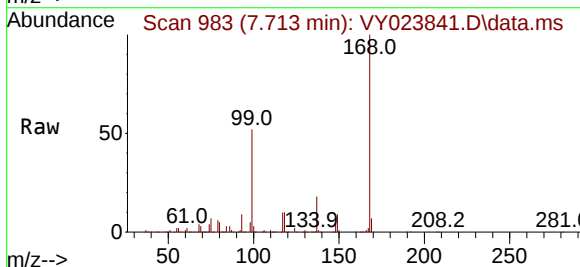
Ion	Ratio	Lower	Upper
84	100		
49	107.6	94.0	141.0
51	30.3	29.2	43.8
86	55.7	50.6	75.8

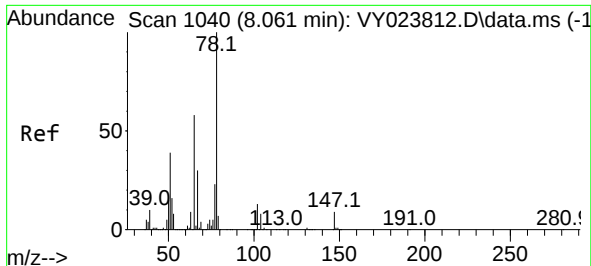


#31
Cyclohexane
Concen: 1.127 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY023841.D
Acq: 01 Dec 2025 14:23

Tgt Ion: 56 Resp: 13710

Ion	Ratio	Lower	Upper
56	100		
69	156.5	27.8	41.6#
84	160.4	71.8	107.8#





#33

1,2-Dichloroethane-d4

Concen: 63.121 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY023841.D

Acq: 01 Dec 2025 14:23

Instrument :

MSVOA_Y

ClientSampleId :

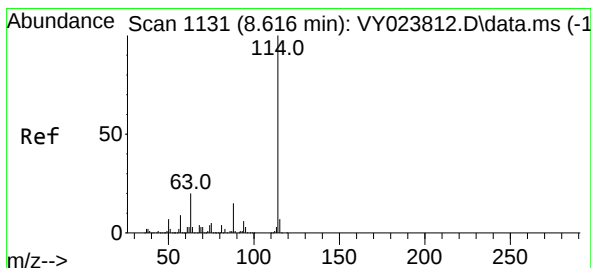
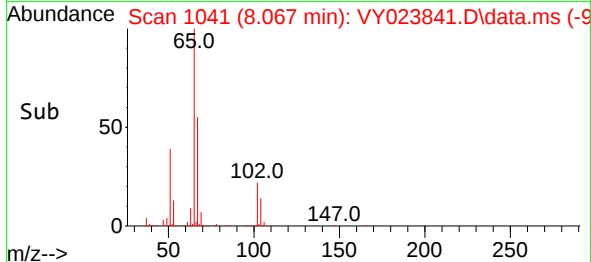
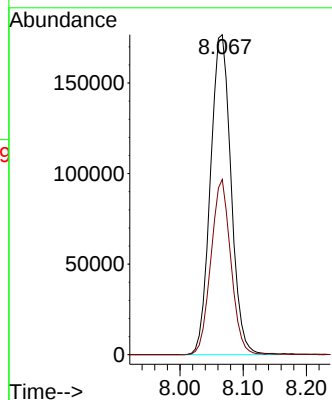
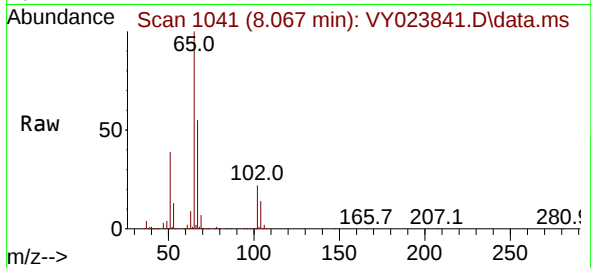
B50-SP3-111925

Tgt Ion: 65 Resp: 399486

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023841.D

Acq: 01 Dec 2025 14:23

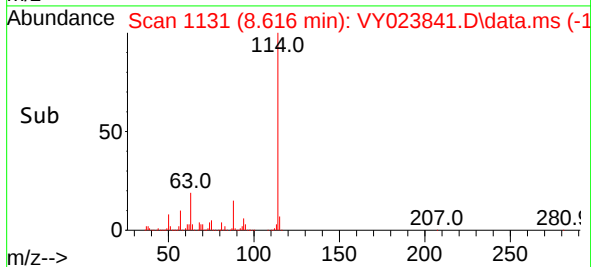
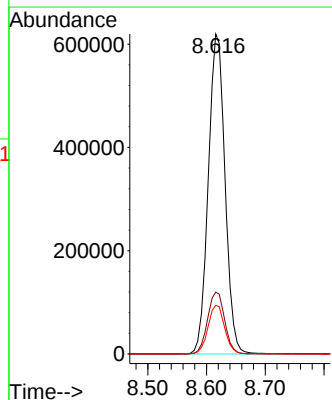
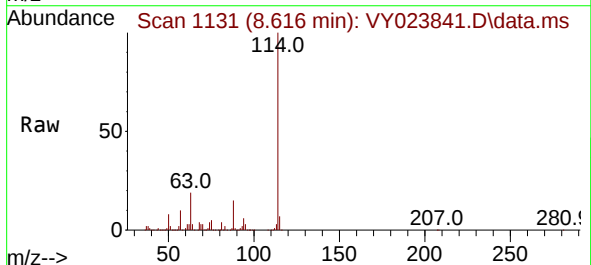
Tgt Ion:114 Resp: 1225707

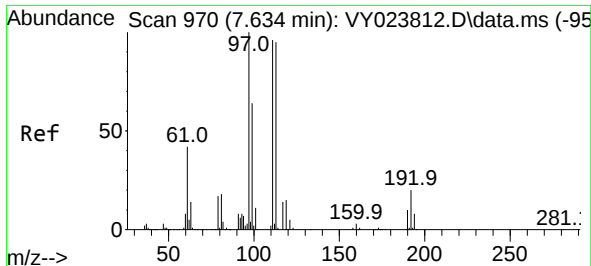
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.4

88 15.2 0.0 30.8

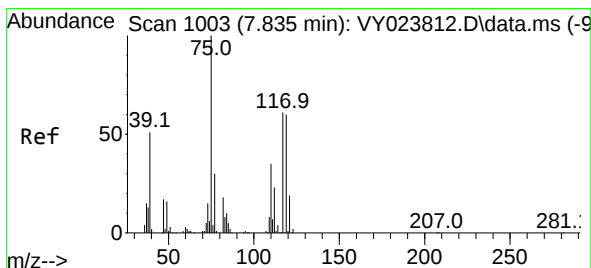
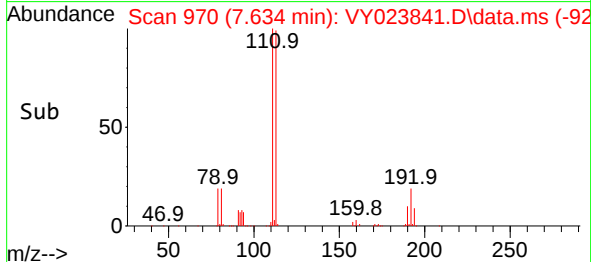
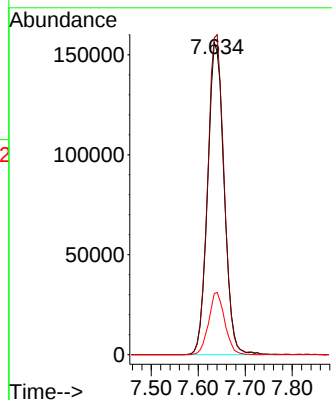
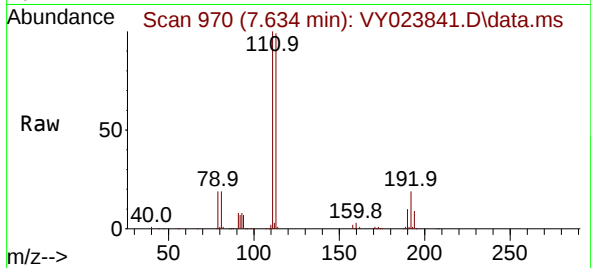




#35
Dibromofluoromethane
Concen: 52.076 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023841.D
Acq: 01 Dec 2025 14:23

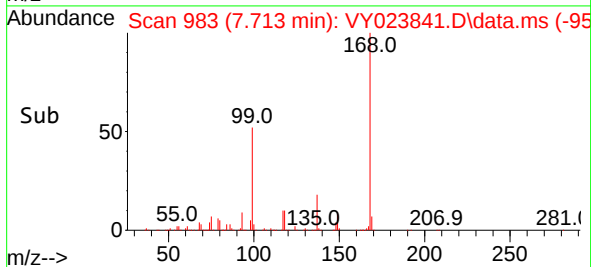
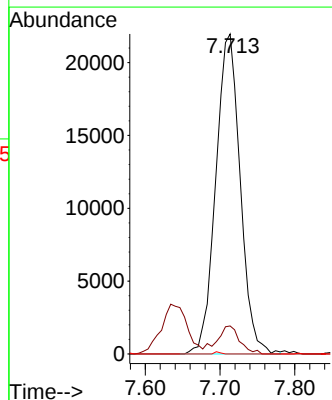
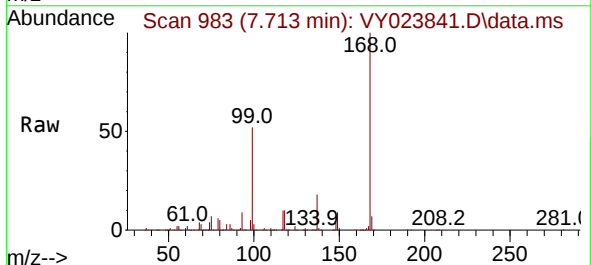
Instrument :
MSVOA_Y
ClientSampleId :
B50-SP3-111925

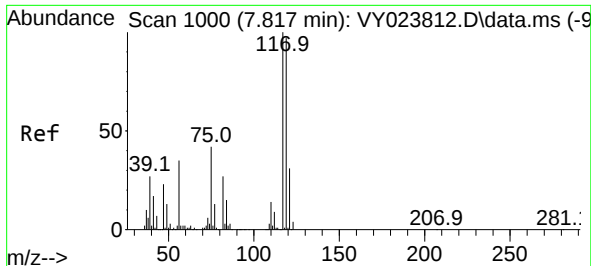
Tgt Ion:113 Resp: 378119
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 19.6 15.8 23.8



#36
1,1-Dichloropropene
Concen: 4.486 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY023841.D
Acq: 01 Dec 2025 14:23

Tgt Ion: 75 Resp: 49939
Ion Ratio Lower Upper
75 100
110 8.1 17.6 52.8#
77 0.2 24.9 37.3#

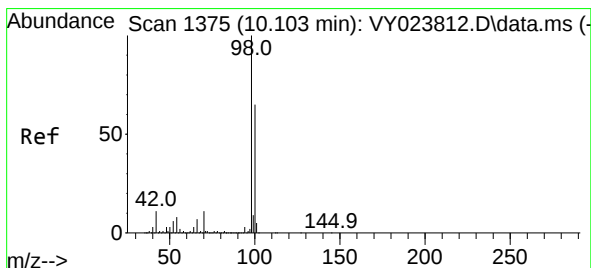
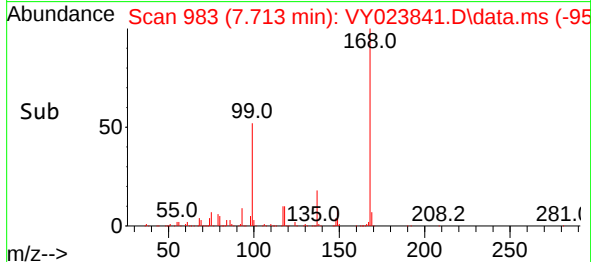
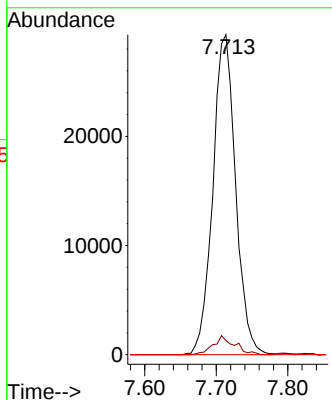
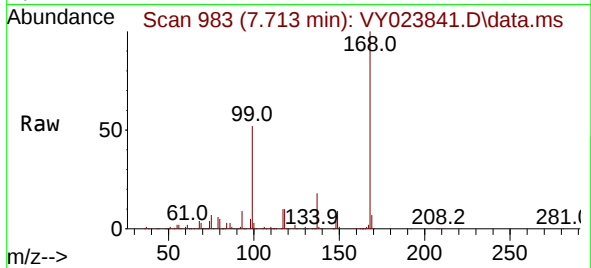




#38
Carbon Tetrachloride
Concen: 5.309 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY023841.D
Acq: 01 Dec 2025 14:23

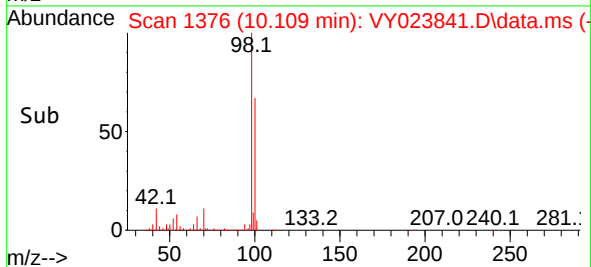
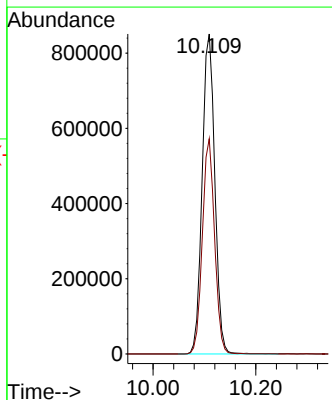
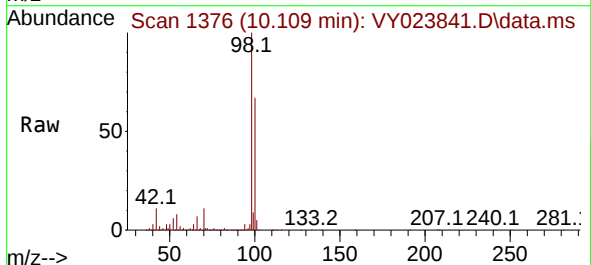
Instrument :
MSVOA_Y
ClientSampleId :
B50-SP3-111925

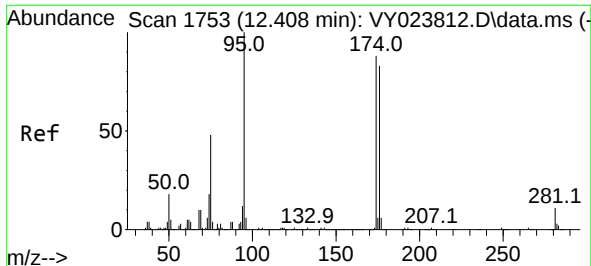
Tgt Ion:117 Resp: 64877
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 50.215 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023841.D
Acq: 01 Dec 2025 14:23

Tgt Ion: 98 Resp: 1448230
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9

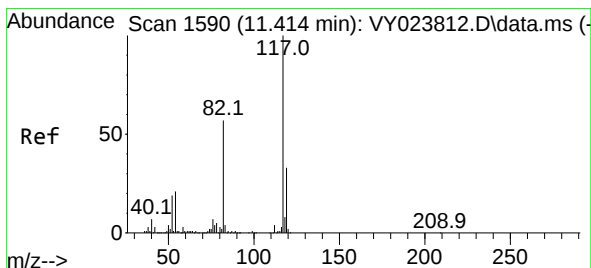
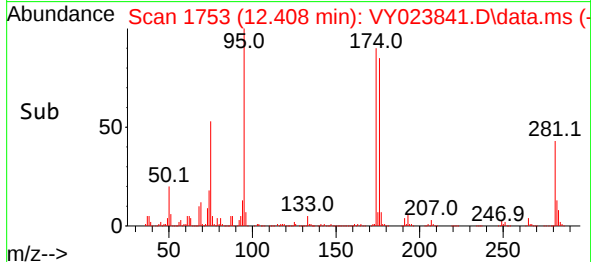
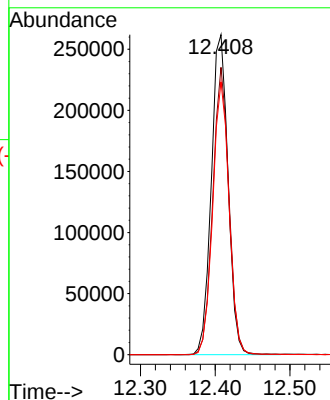
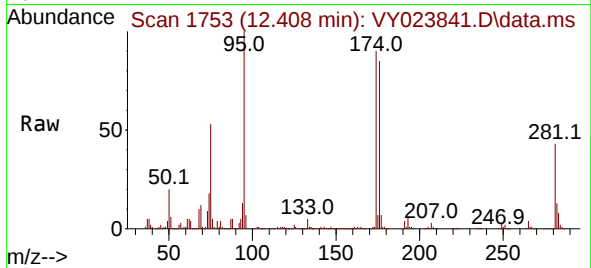




#62
4-Bromofluorobenzene
Concen: 42.994 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023841.D
Acq: 01 Dec 2025 14:23

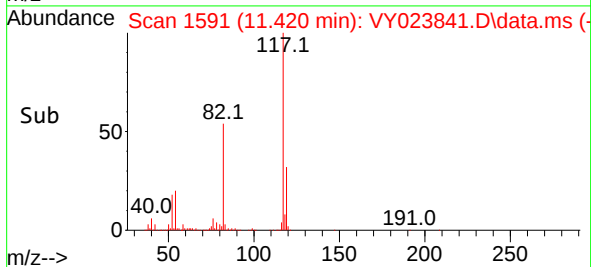
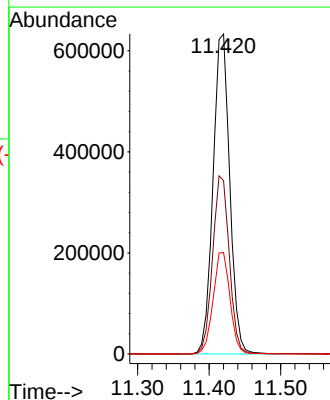
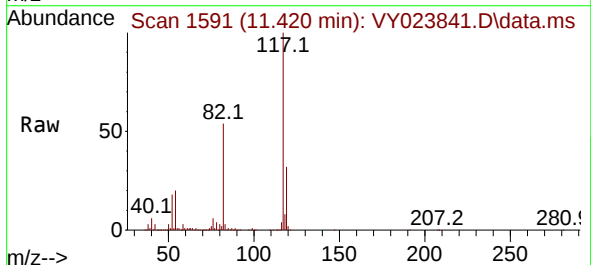
Instrument :
MSVOA_Y
ClientSampleId :
B50-SP3-111925

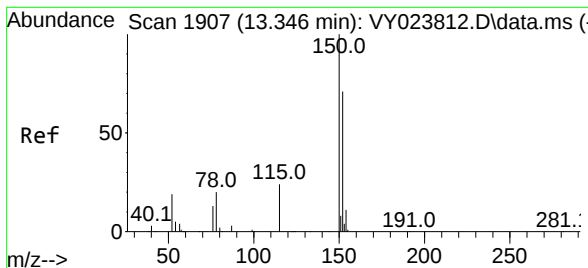
Tgt Ion: 95 Resp: 407988
Ion Ratio Lower Upper
95 100
174 86.7 0.0 168.6
176 83.2 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY023841.D
Acq: 01 Dec 2025 14:23

Tgt Ion: 117 Resp: 1028801
Ion Ratio Lower Upper
117 100
82 54.1 45.4 68.0
119 31.7 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: VY023841.D

Acq: 01 Dec 2025 14:23

Instrument :

MSVOA_Y

ClientSampleId :

B50-SP3-111925

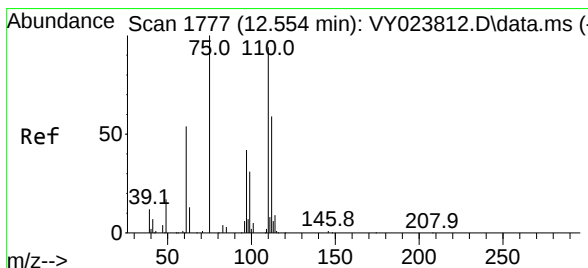
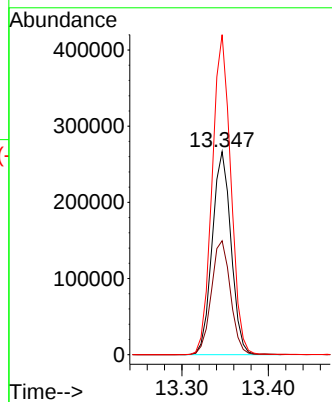
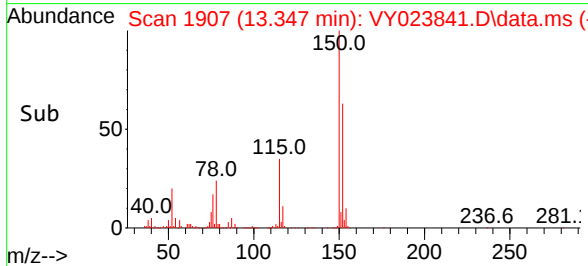
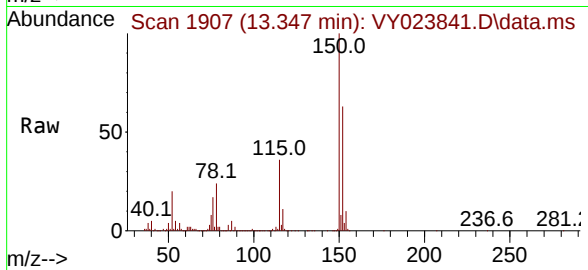
Tgt Ion:152 Resp: 402778

Ion Ratio Lower Upper

152 100

115 57.1 28.7 86.3

150 156.4 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 60.703 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY023841.D

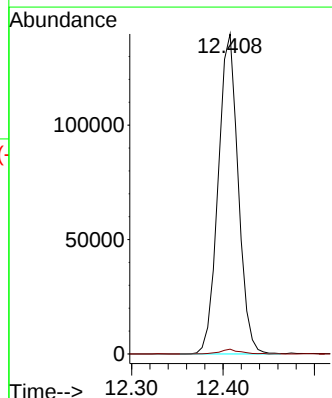
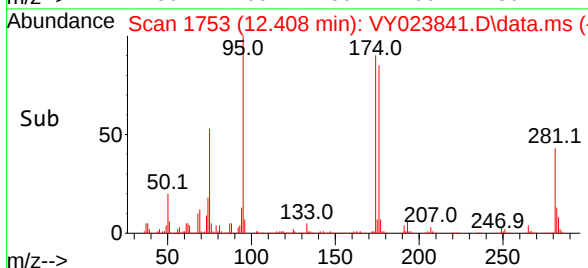
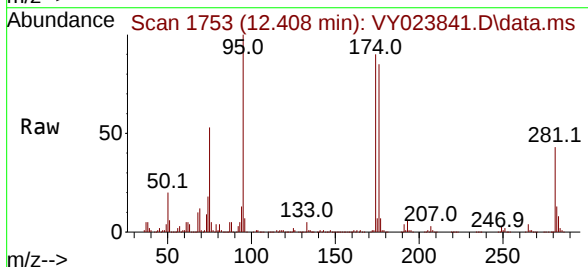
Acq: 01 Dec 2025 14:23

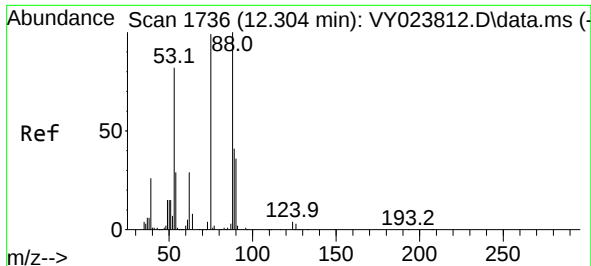
Tgt Ion: 75 Resp: 212620

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#

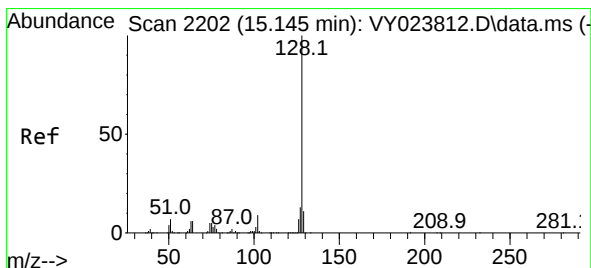
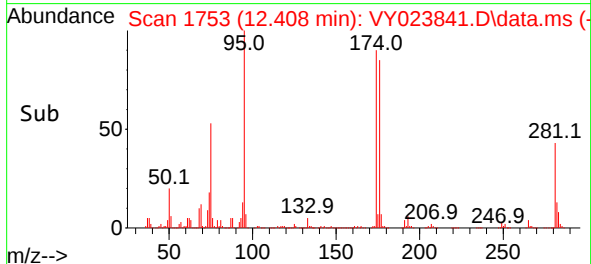
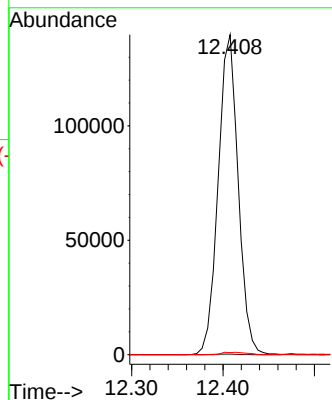
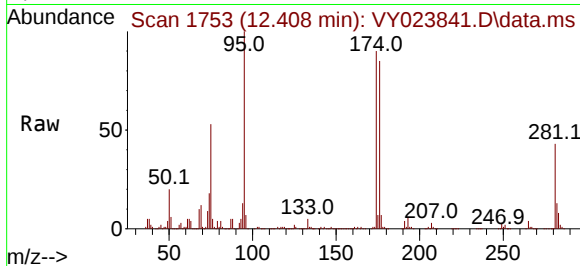




#81
trans-1,4-Dichloro-2-butene
Concen: 128.308 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY023841.D
Acq: 01 Dec 2025 14:23

Instrument :
MSVOA_Y
ClientSampleId :
B50-SP3-111925

Tgt Ion: 75 Resp: 212620
Ion Ratio Lower Upper
75 100
53 0.2 71.3 106.9#
89 0.9 37.0 55.4#



#95
Naphthalene
Concen: 1.137 ug/l
RT: 15.139 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY023841.D
Acq: 01 Dec 2025 14:23

Tgt Ion:128 Resp: 13475
Ion Ratio Lower Upper
128 100
127 15.0 10.2 15.2
129 12.2 8.8 13.2

