

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121125\
 Data File : VY023940.D
 Acq On : 11 Dec 2025 08:57
 Operator : SY/MD
 Sample : VY1211SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1211SBL01

Quant Time: Dec 12 03:17:02 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)

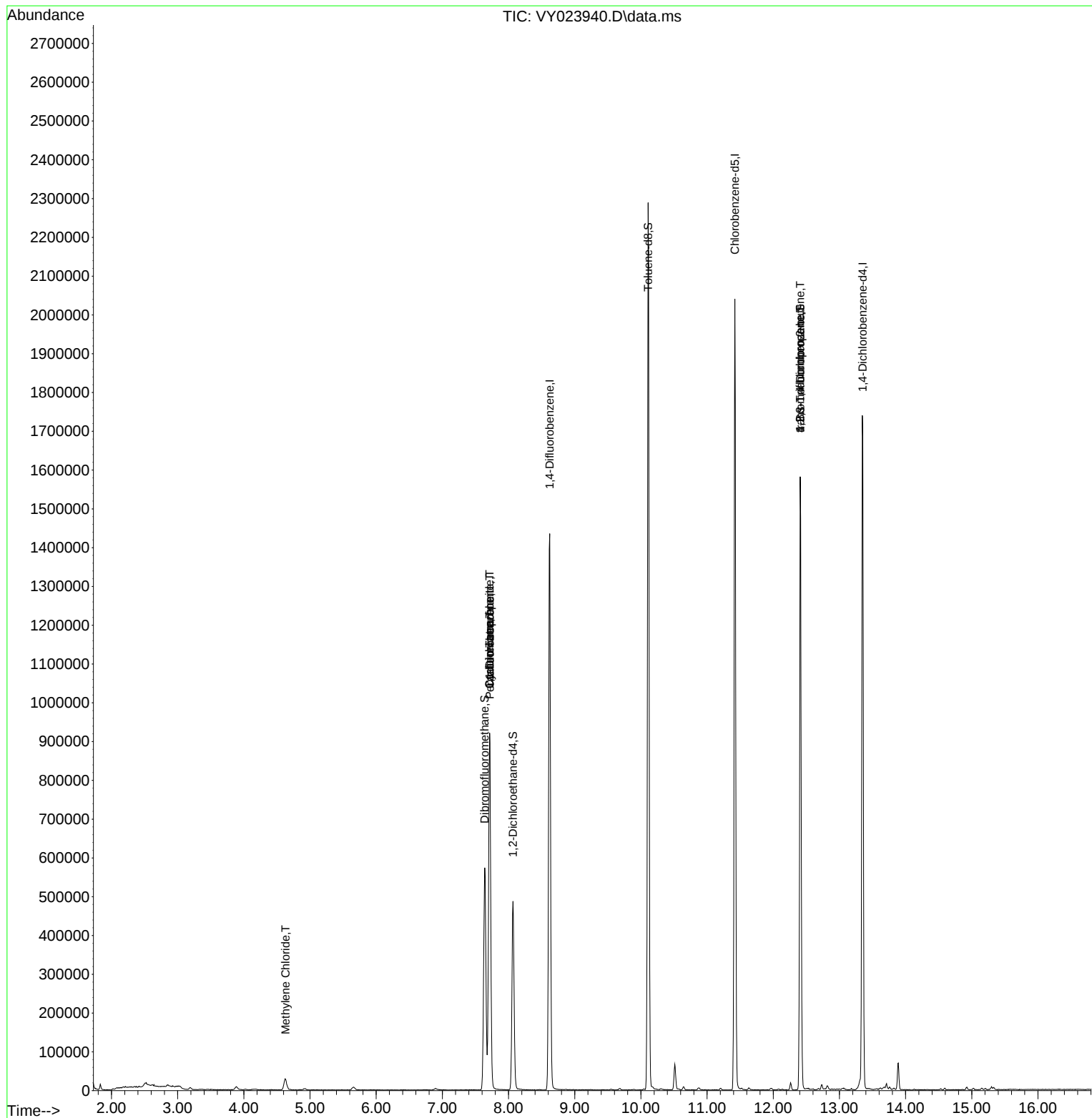
Internal Standards						
1) Pentafluorobenzene	7.719	168	771211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	1297187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1132884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	487980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	383475	56.239	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.480%
35) Dibromofluoromethane	7.640	113	409690	48.315	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.640%
50) Toluene-d8	10.109	98	1486654	47.090	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.180%
62) 4-Bromofluorobenzene	12.408	95	453002	42.967	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.940%
Target Compounds						
					Qvalue	
16) Acetone	3.885	43	14427	Below Cal		98
20) Methylene Chloride	4.628	84	20833	2.597	ug/l	95
31) Cyclohexane	7.713	56	13507	1.155	ug/l #	23
36) 1,1-Dichloropropene	7.713	75	50695	4.391	ug/l #	48
38) Carbon Tetrachloride	7.713	117	70553	5.042	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	227262	55.057	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	227262	125.322	ug/l #	12

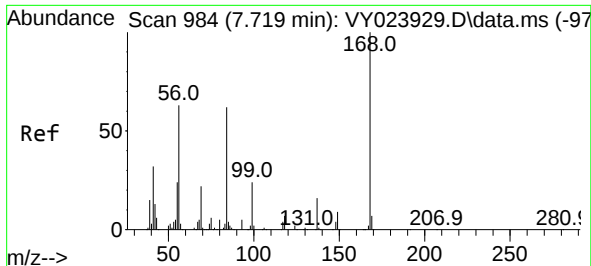
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121125\
Data File : VY023940.D
Acq On : 11 Dec 2025 08:57
Operator : SY/MD
Sample : VY1211SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBL01

Quant Time: Dec 12 03:17:02 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

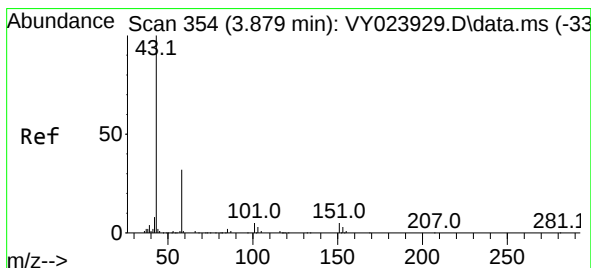
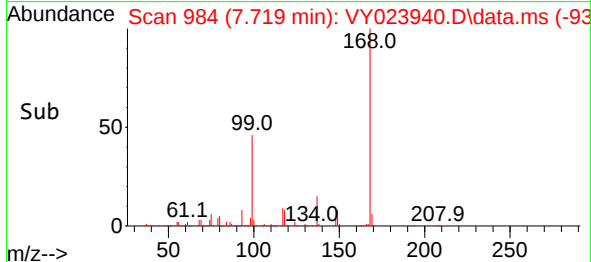
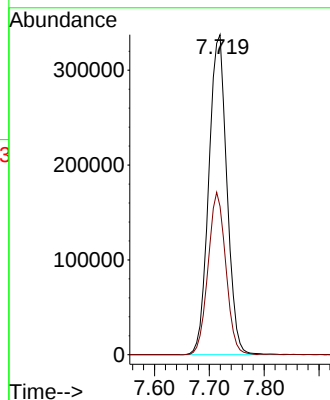
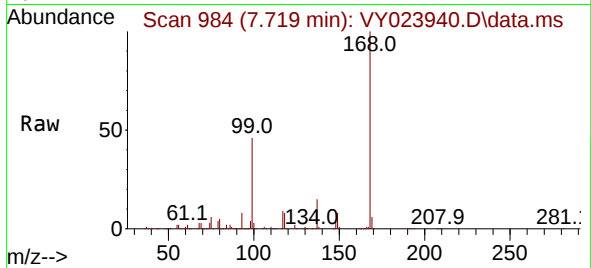




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY023940.D
Acq: 11 Dec 2025 08:57

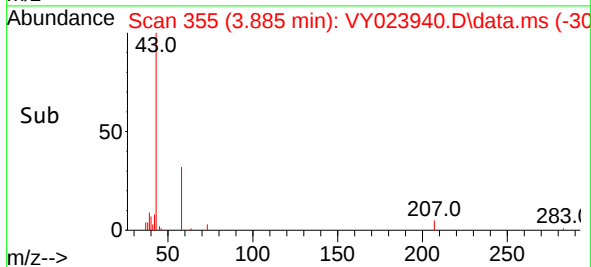
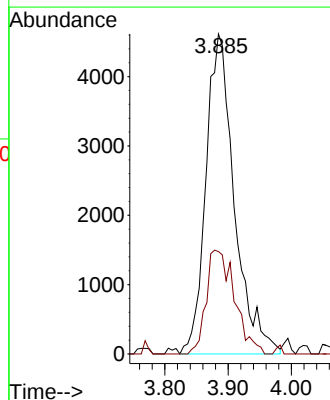
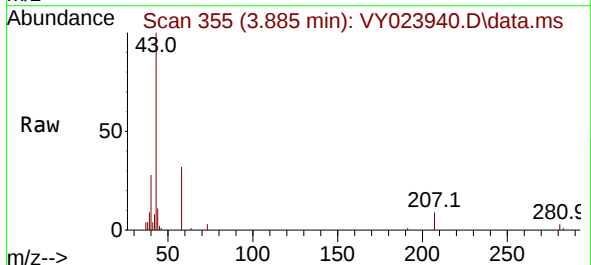
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBL01

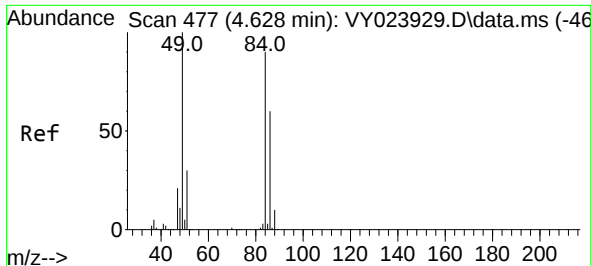
Tgt Ion:168 Resp: 771211
Ion Ratio Lower Upper
168 100
99 46.4 38.9 58.3



#16
Acetone
Concen: Below Cal
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY023940.D
Acq: 11 Dec 2025 08:57

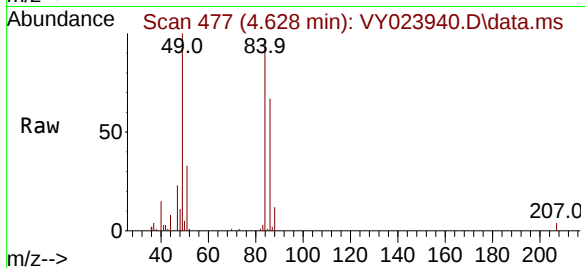
Tgt Ion: 43 Resp: 14427
Ion Ratio Lower Upper
43 100
58 32.0 26.4 39.6



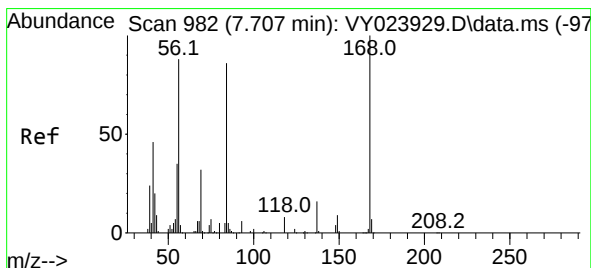
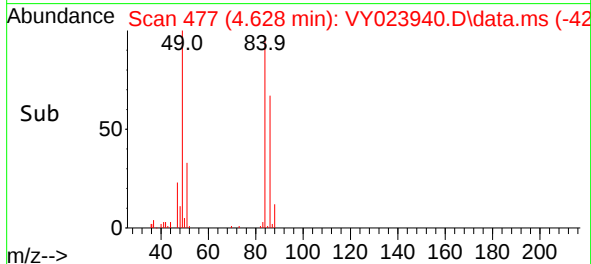
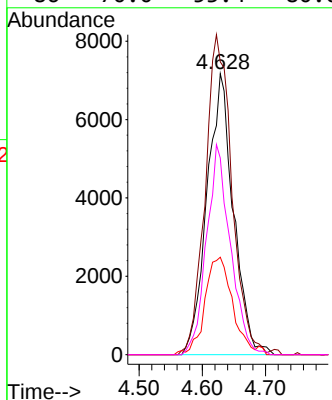


#20
Methylene Chloride
Concen: 2.597 ug/l
RT: 4.628 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY023940.D
Acq: 11 Dec 2025 08:57

Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBL01

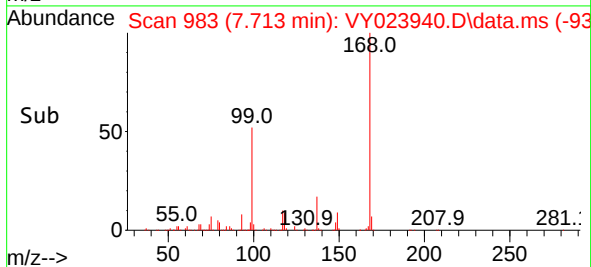
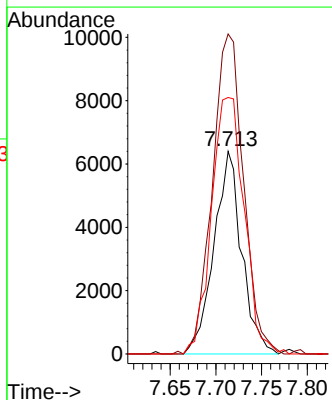
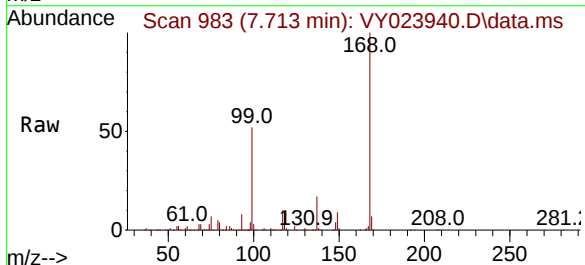


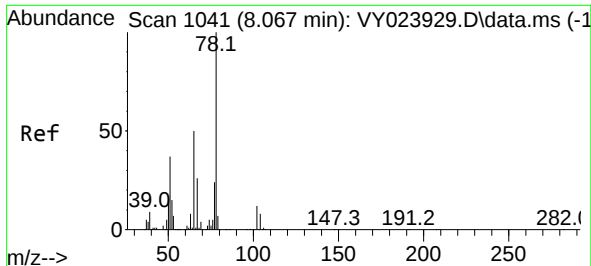
Tgt Ion:	84	Resp:	20833
Ion	Ratio	Lower	Upper
84	100		
49	104.2	89.1	133.7
51	34.7	26.6	39.8
86	70.0	53.4	80.0



#31
Cyclohexane
Concen: 1.155 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY023940.D
Acq: 11 Dec 2025 08:57

Tgt Ion:	56	Resp:	13507
Ion	Ratio	Lower	Upper
56	100		
69	156.6	29.1	43.7#
84	126.6	77.8	116.8#





#33

1,2-Dichloroethane-d4

Concen: 56.239 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY023940.D

Acq: 11 Dec 2025 08:57

Instrument :

MSVOA_Y

ClientSampleId :

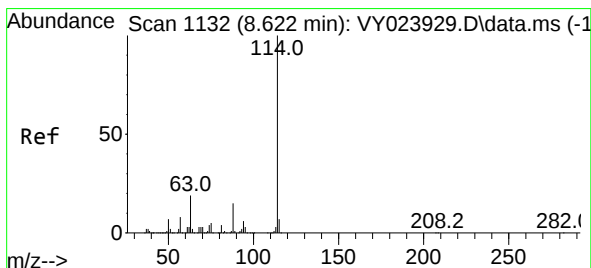
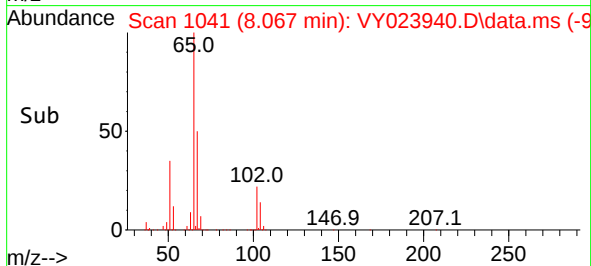
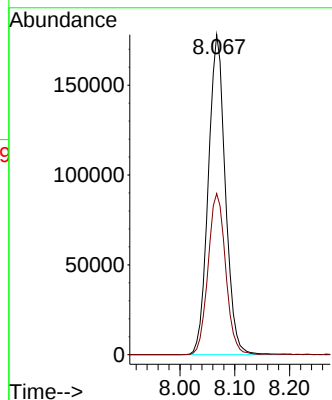
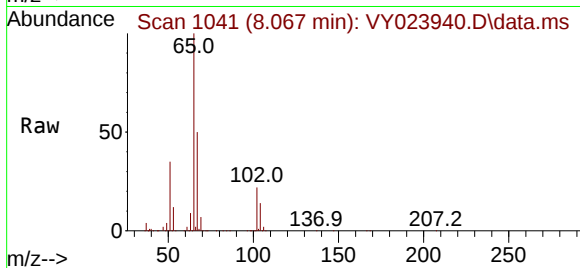
VY1211SBL01

Tgt Ion: 65 Resp: 383475

Ion Ratio Lower Upper

65 100

67 51.9 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: VY023940.D

Acq: 11 Dec 2025 08:57

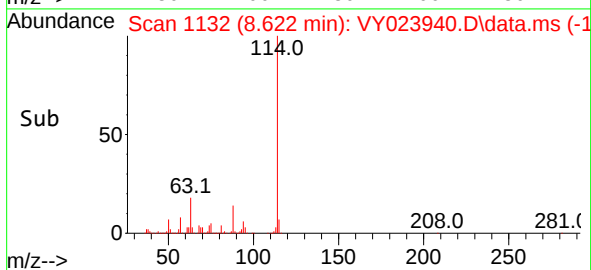
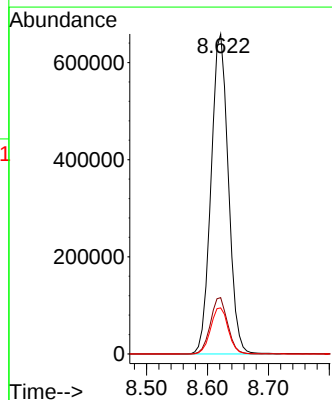
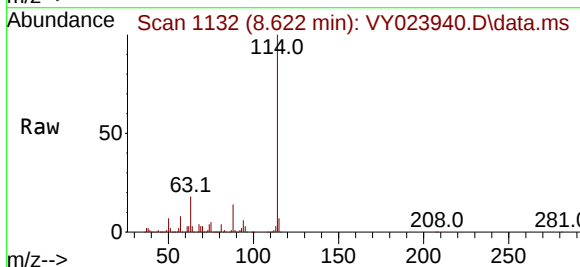
Tgt Ion: 114 Resp: 1297187

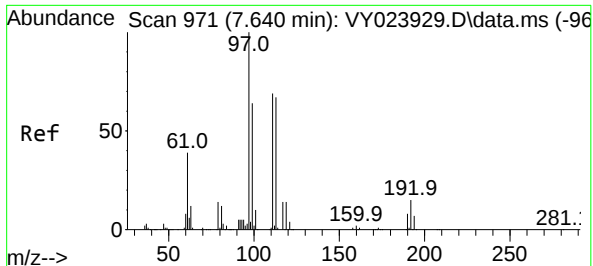
Ion Ratio Lower Upper

114 100

63 17.6 0.0 37.2

88 14.4 0.0 29.4

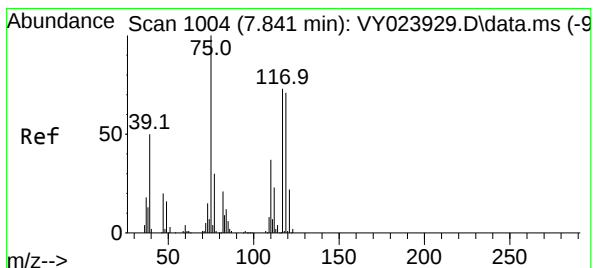
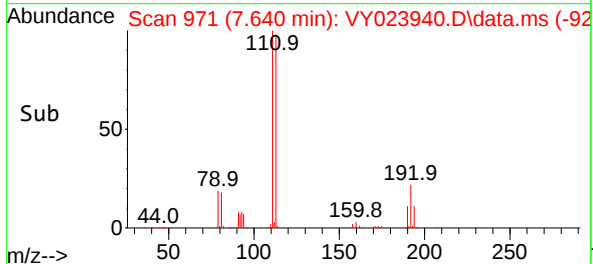
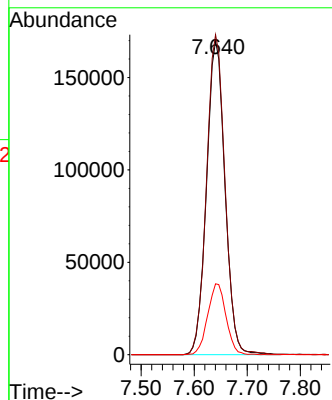
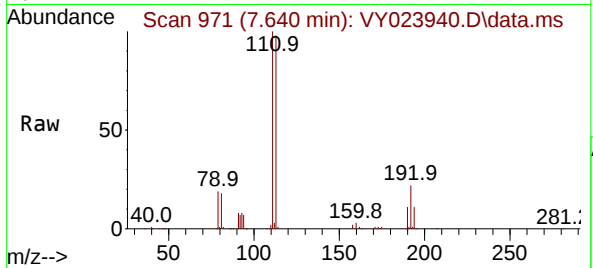




#35
Dibromofluoromethane
Concen: 48.315 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023940.D
Acq: 11 Dec 2025 08:57

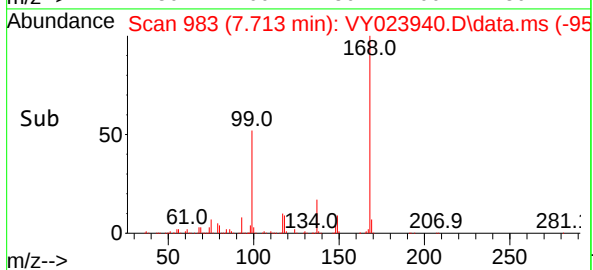
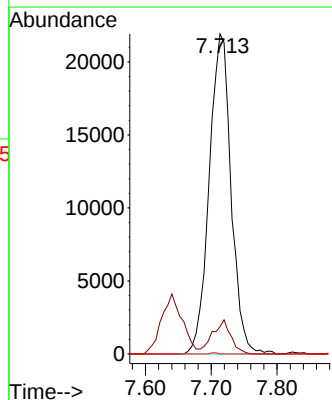
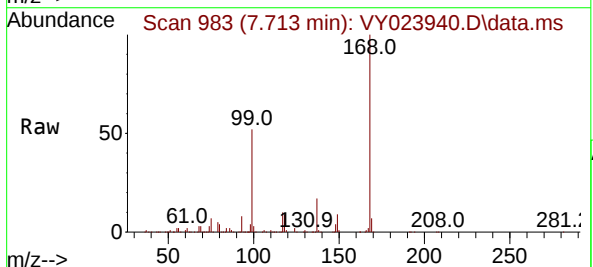
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBL01

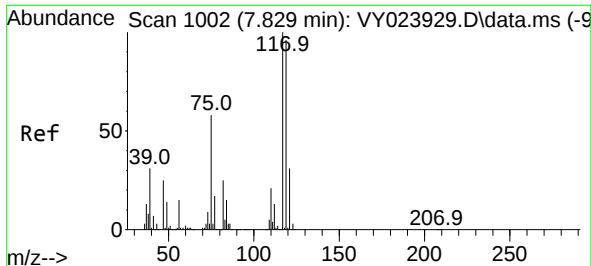
Tgt Ion:113 Resp: 409690
Ion Ratio Lower Upper
113 100
111 102.2 82.4 123.6
192 22.5 17.9 26.9



#36
1,1-Dichloropropene
Concen: 4.391 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY023940.D
Acq: 11 Dec 2025 08:57

Tgt Ion: 75 Resp: 50695
Ion Ratio Lower Upper
75 100
110 8.9 19.2 57.6#
77 0.1 24.4 36.6#

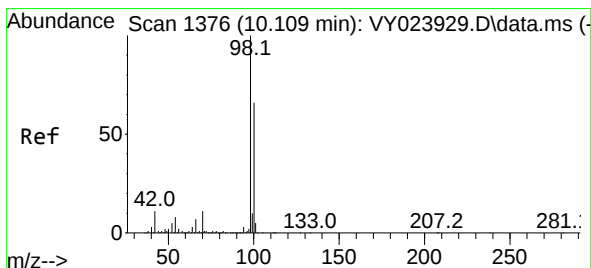
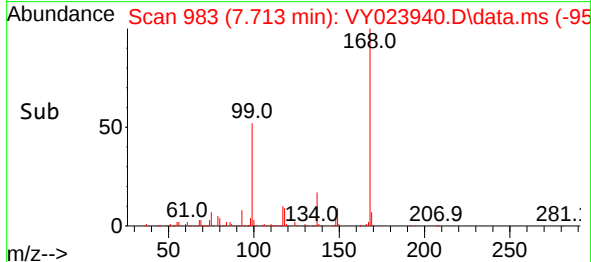
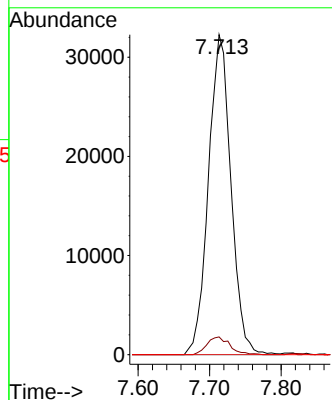
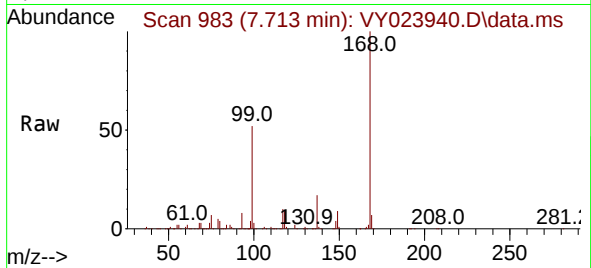




#38
Carbon Tetrachloride
Concen: 5.042 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY023940.D
Acq: 11 Dec 2025 08:57

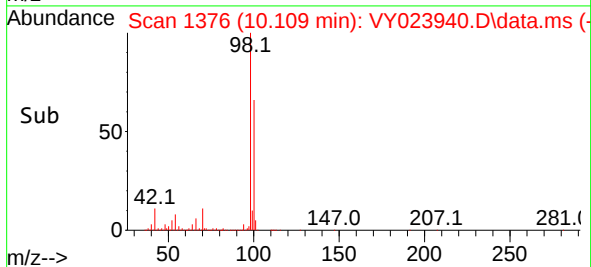
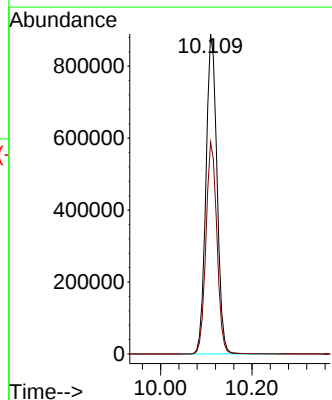
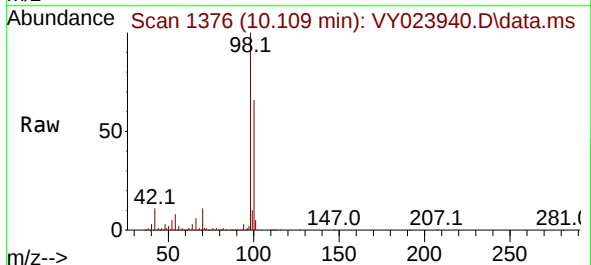
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBL01

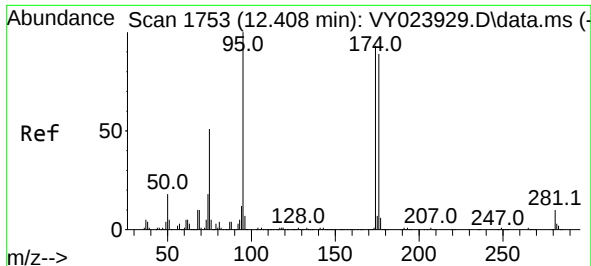
Tgt Ion:117 Resp: 70553
Ion Ratio Lower Upper
117 100
119 5.6 76.6 114.8#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.090 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY023940.D
Acq: 11 Dec 2025 08:57

Tgt Ion: 98 Resp: 1486654
Ion Ratio Lower Upper
98 100
100 65.7 52.8 79.2

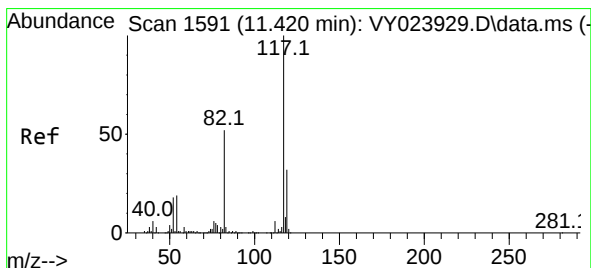
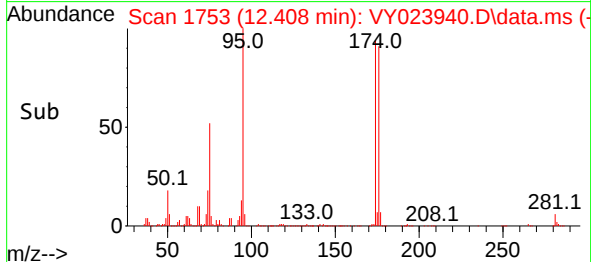
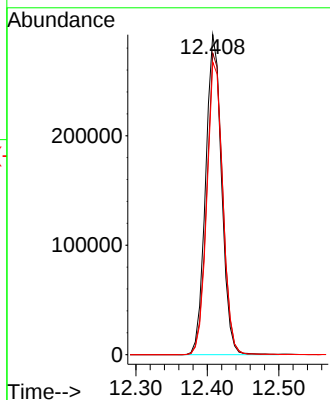
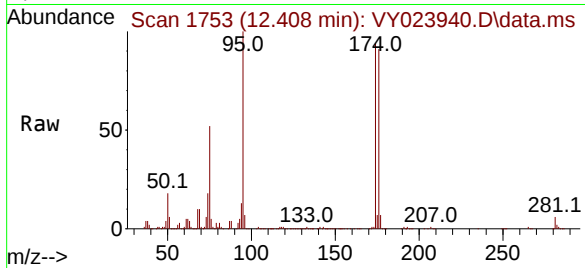




#62
4-Bromofluorobenzene
Concen: 42.967 ug/l
RT: 12.408 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023940.D
Acq: 11 Dec 2025 08:57

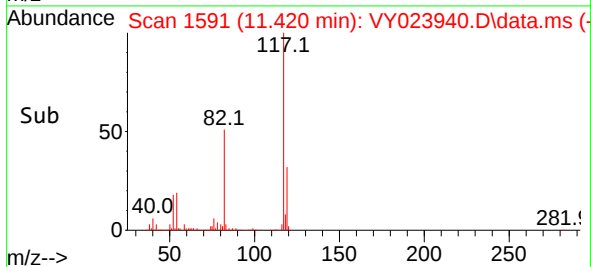
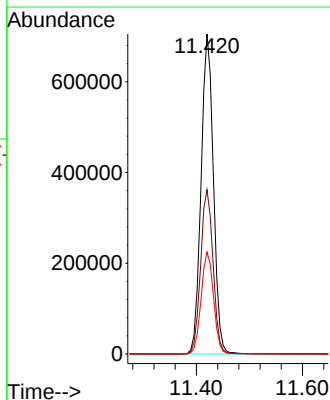
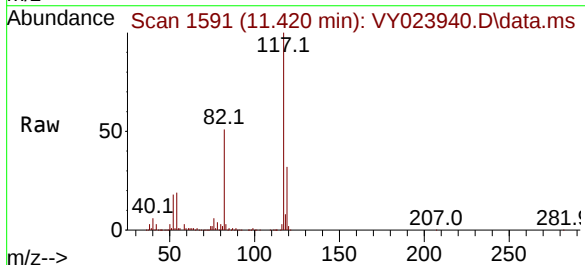
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBL01

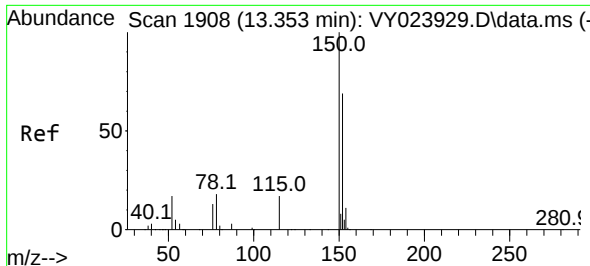
Tgt Ion: 95 Resp: 453002
Ion Ratio Lower Upper
95 100
174 94.1 0.0 187.4
176 91.4 0.0 179.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY023940.D
Acq: 11 Dec 2025 08:57

Tgt Ion: 117 Resp: 1132884
Ion Ratio Lower Upper
117 100
82 51.3 41.4 62.2
119 31.8 25.5 38.3

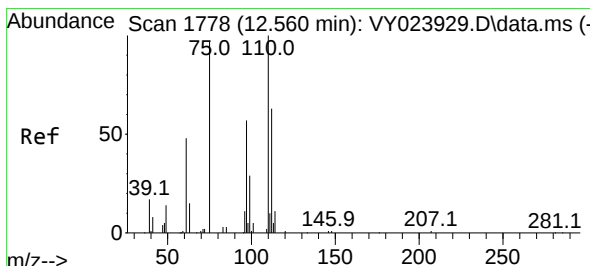
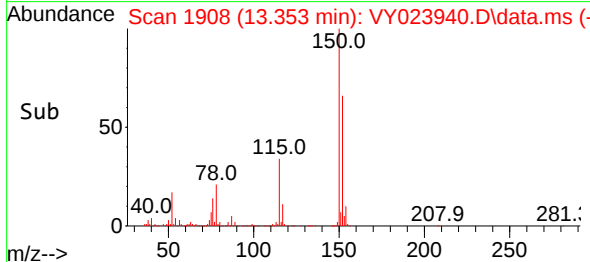
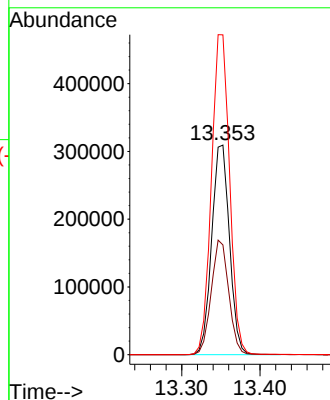
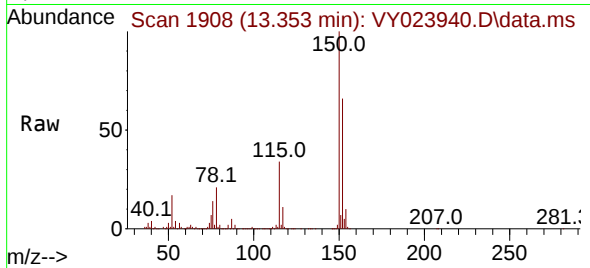




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.353 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VY023940.D
 Acq: 11 Dec 2025 08:57

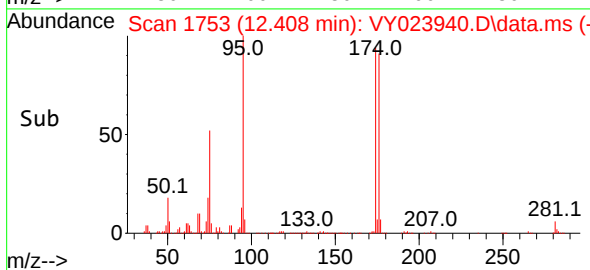
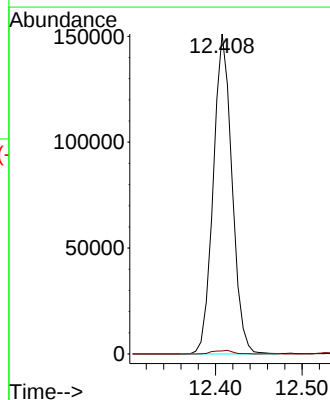
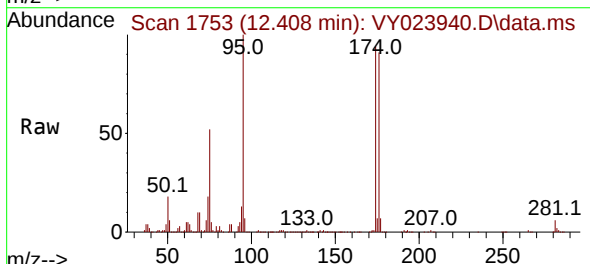
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1211SBL01

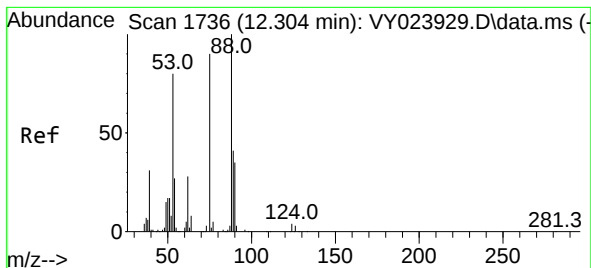
Tgt Ion:152 Resp: 487980
 Ion Ratio Lower Upper
 152 100
 115 53.8 27.3 81.9
 150 155.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 55.057 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.152 min
 Lab File: VY023940.D
 Acq: 11 Dec 2025 08:57

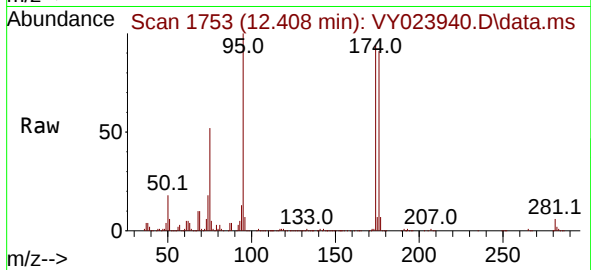
Tgt Ion: 75 Resp: 227262
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.322 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY023940.D
 Acq: 11 Dec 2025 08:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1211SBL01



Tgt Ion: 75 Resp: 227262
 Ion Ratio Lower Upper
 75 100
 53 0.1 73.4 110.0#
 89 0.0 38.9 58.3#

