

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
 Data File : VY022786.D
 Acq On : 24 Jun 2025 10:25
 Operator : SY/MD
 Sample : VY0624SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0624SBL01

Quant Time: Jun 25 01:20:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

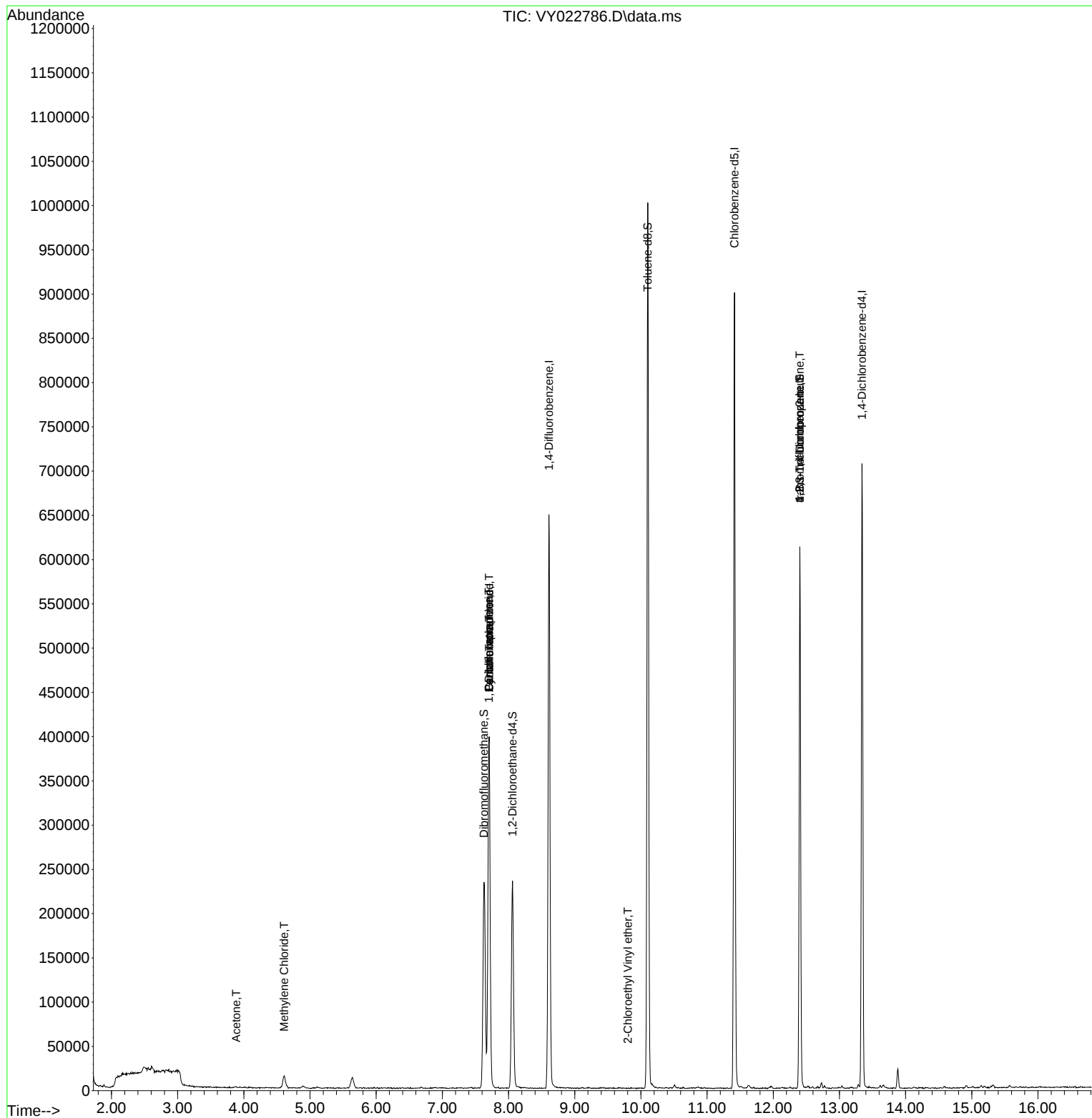
Internal Standards						
1) Pentafluorobenzene	7.707	168	300507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	535641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	452693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	171409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	182809	54.505	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.020%	
35) Dibromofluoromethane	7.628	113	170594	52.369	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.740%	
50) Toluene-d8	10.103	98	635701	49.179	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.360%	
62) 4-Bromofluorobenzene	12.402	95	177906	42.813	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 85.620%	
Target Compounds						Qvalue
16) Acetone	3.885	43	1076	1.697	ug/l	92
20) Methylene Chloride	4.610	84	9167	2.290	ug/l #	91
31) Cyclohexane	7.707	56	7728	1.341	ug/l #	17
36) 1,1-Dichloropropene	7.701	75	25115	5.086	ug/l #	51
38) Carbon Tetrachloride	7.707	117	30107	5.779	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.804	63	59	15.685	ug/l #	48
76) 1,2,3-Trichloropropane	12.402	75	99770	57.013	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	99770	144.038	ug/l #	11

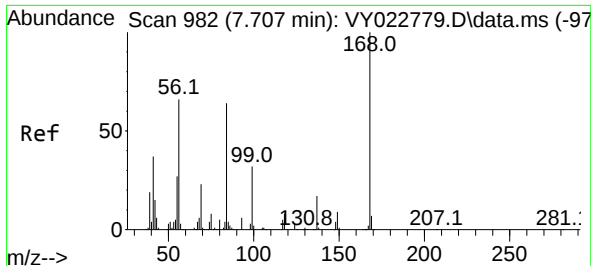
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
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Sample : VY0624SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBL01

Quant Time: Jun 25 01:20:51 2025
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Quant Title : SW846 8260
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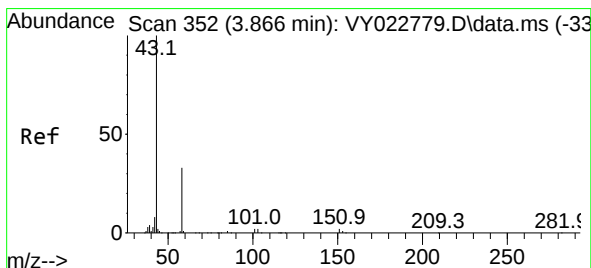
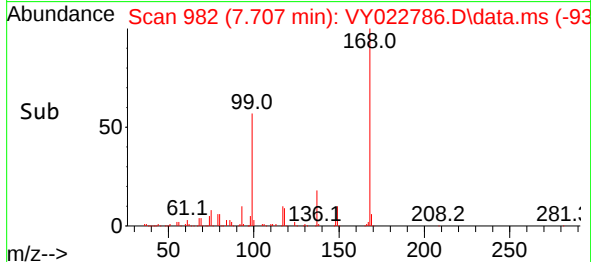
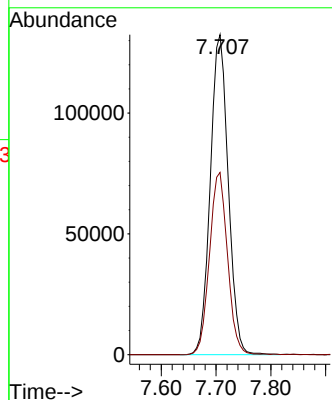
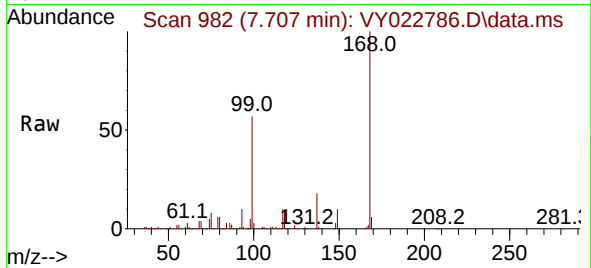




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

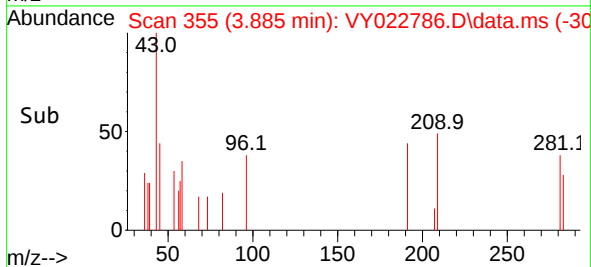
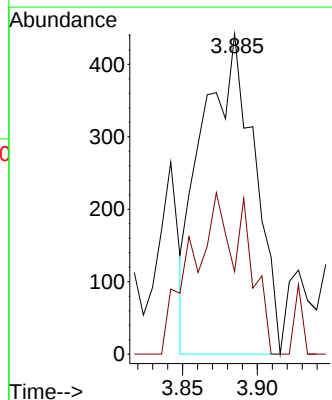
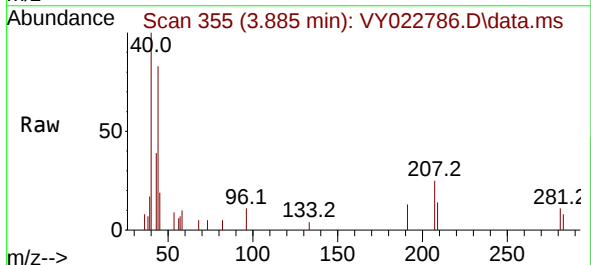
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBL01

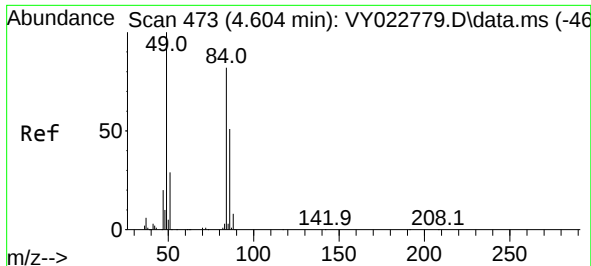
Tgt Ion:168 Resp: 300507
Ion Ratio Lower Upper
168 100
99 56.9 44.3 66.5



#16
Acetone
Concen: 1.697 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

Tgt Ion: 43 Resp: 1076
Ion Ratio Lower Upper
43 100
58 25.8 24.0 36.0

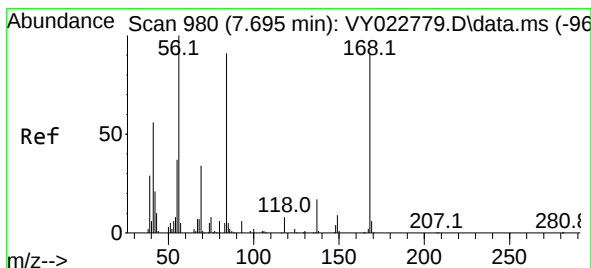
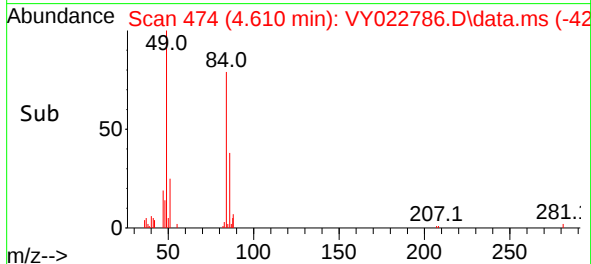
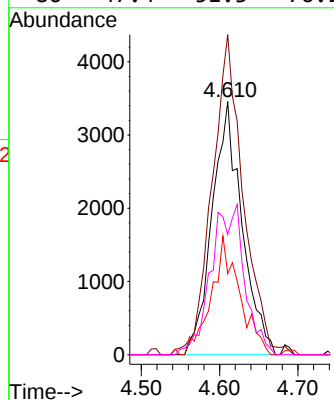
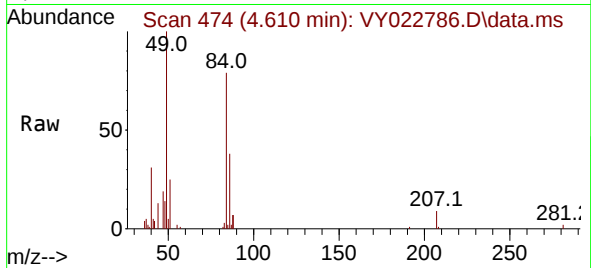




#20
Methylene Chloride
Concen: 2.290 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

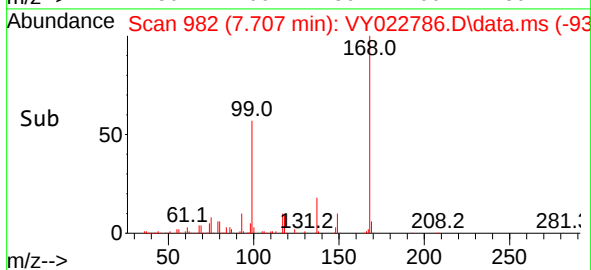
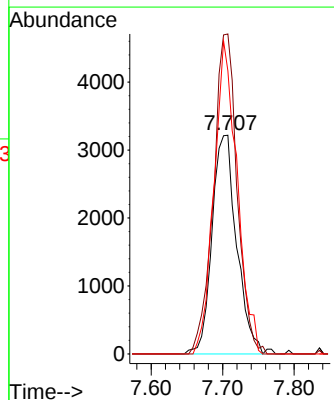
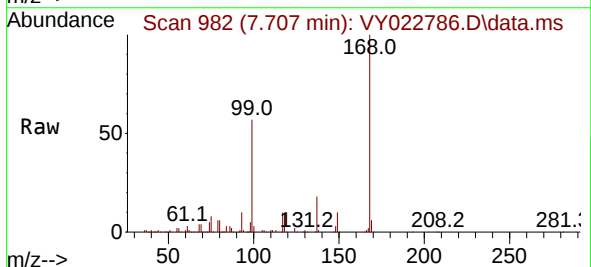
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBL01

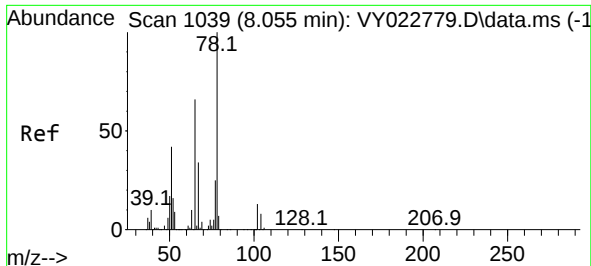
Tgt Ion:	84	Resp:	9167
Ion	Ratio	Lower	Upper
84	100		
49	123.8	101.9	152.9
51	32.1	29.8	44.8
86	47.4	51.3	76.9#



#31
Cyclohexane
Concen: 1.341 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

Tgt Ion:	56	Resp:	7728
Ion	Ratio	Lower	Upper
56	100		
69	146.3	27.0	40.6#
84	129.4	72.6	109.0#





#33

1,2-Dichloroethane-d4

Concen: 54.505 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022786.D

Acq: 24 Jun 2025 10:25

Instrument :

MSVOA_Y

ClientSampleId :

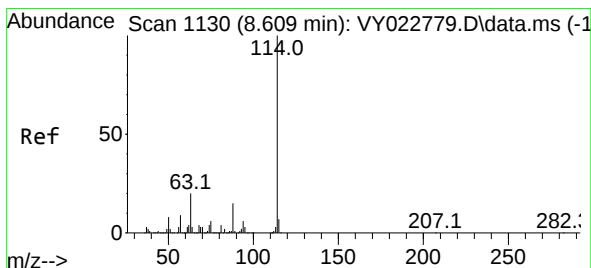
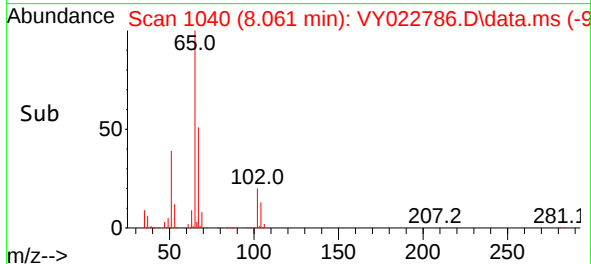
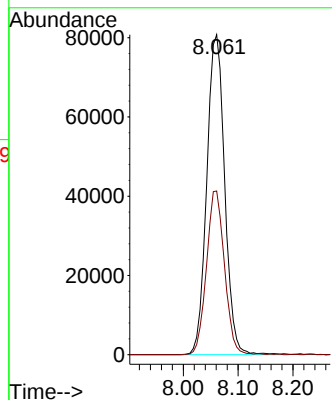
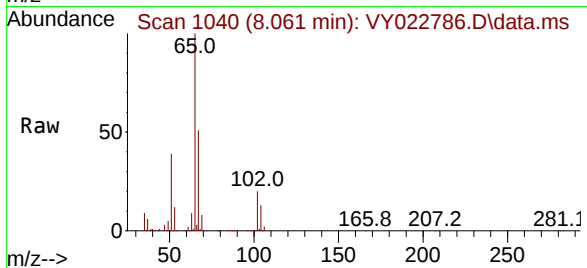
VY0624SBL01

Tgt Ion: 65 Resp: 182809

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022786.D

Acq: 24 Jun 2025 10:25

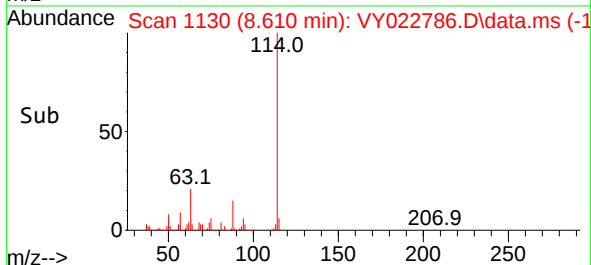
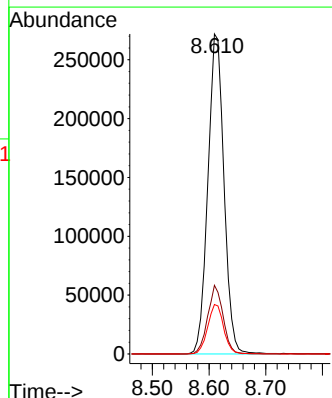
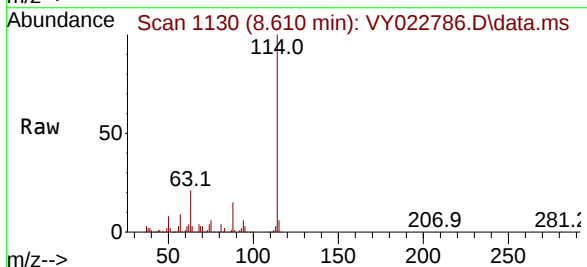
Tgt Ion:114 Resp: 535641

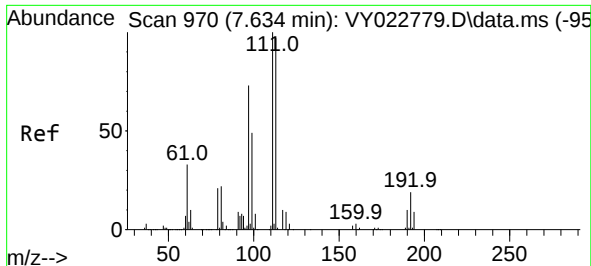
Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.8

88 15.4 0.0 27.8

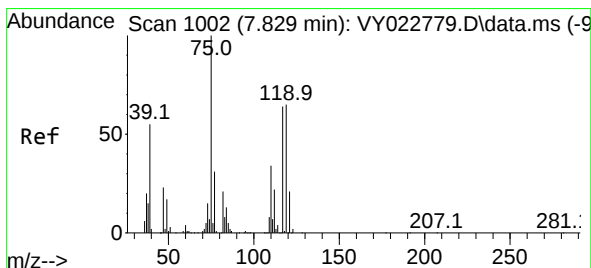
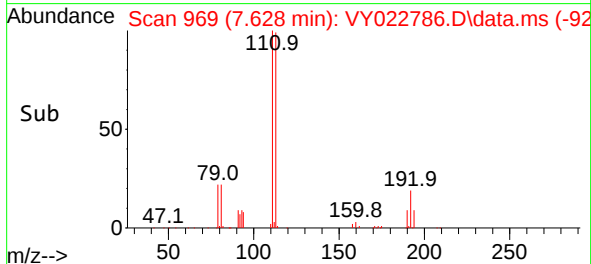
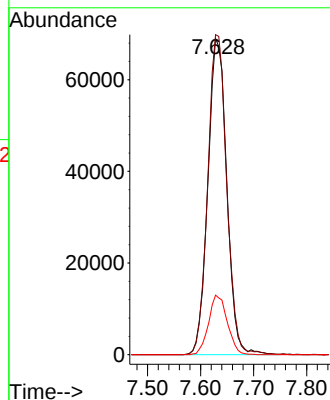
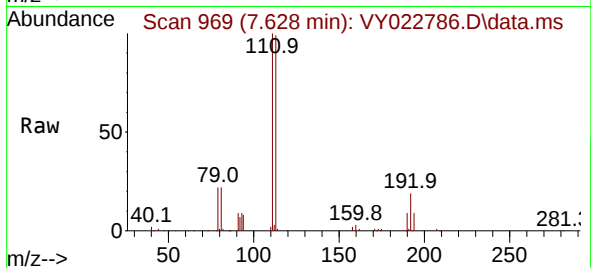




#35
Dibromofluoromethane
Concen: 52.369 ug/l
RT: 7.628 min Scan# 910
Delta R.T. -0.012 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

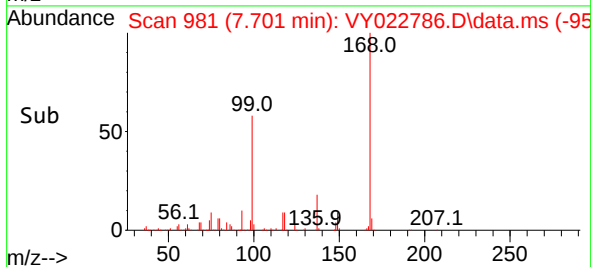
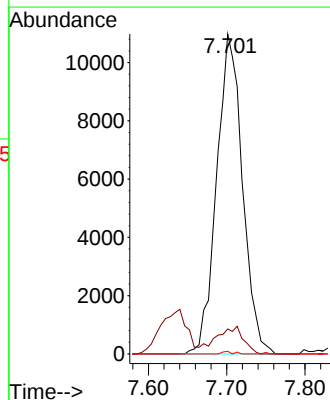
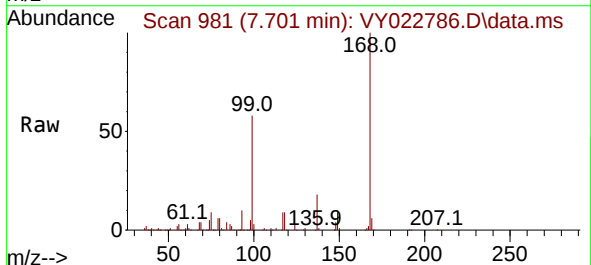
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBL01

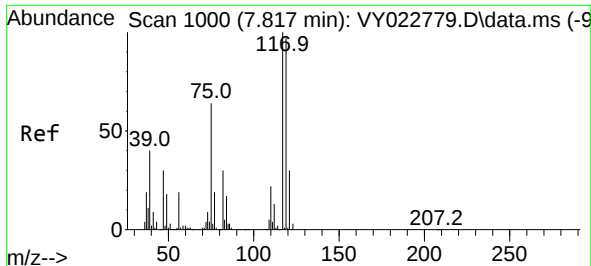
Tgt Ion:113 Resp: 170594
Ion Ratio Lower Upper
113 100
111 101.5 81.1 121.7
192 18.7 14.2 21.2



#36
1,1-Dichloropropene
Concen: 5.086 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.140 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

Tgt Ion: 75 Resp: 25115
Ion Ratio Lower Upper
75 100
110 9.0 16.9 50.7#
77 0.3 24.8 37.2#

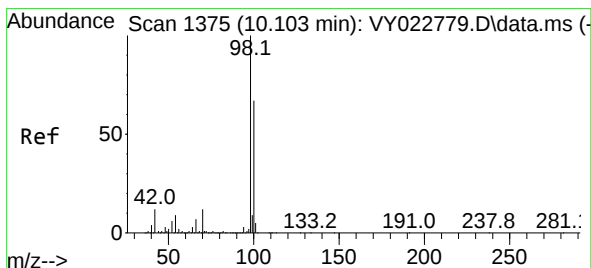
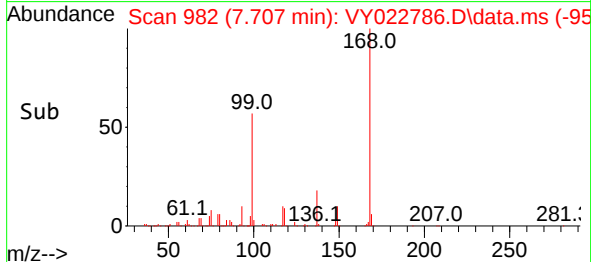
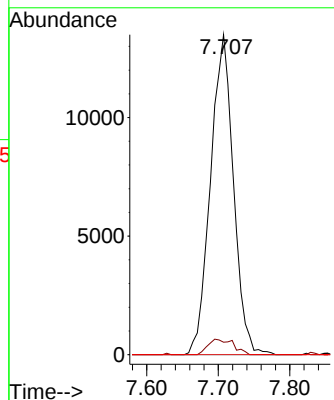
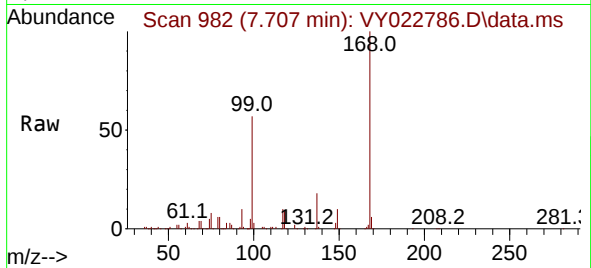




#38
Carbon Tetrachloride
Concen: 5.779 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

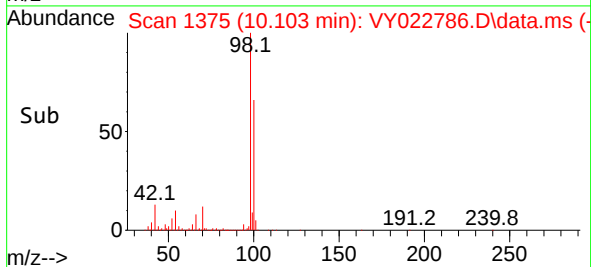
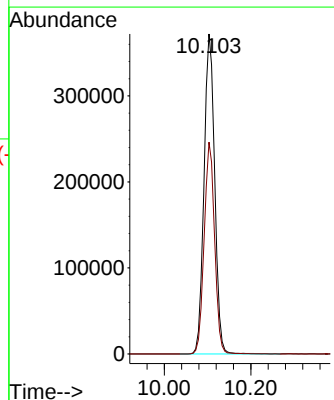
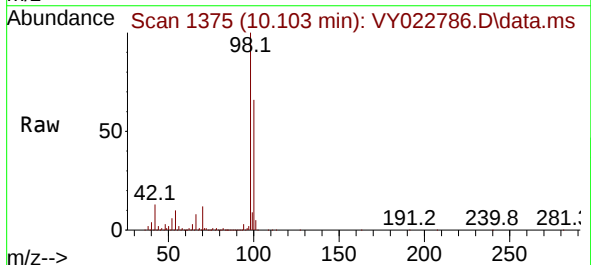
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBL01

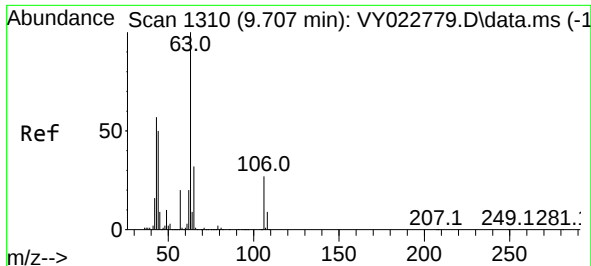
Tgt Ion:117 Resp: 30107
Ion Ratio Lower Upper
117 100
119 3.9 75.0 112.6#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 49.179 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

Tgt Ion: 98 Resp: 635701
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0

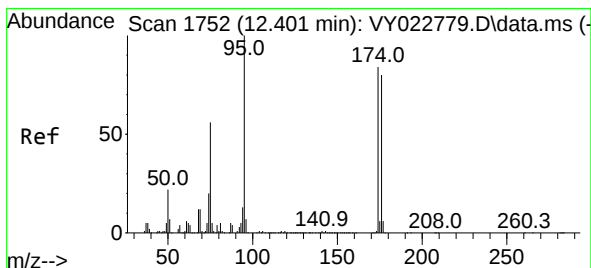
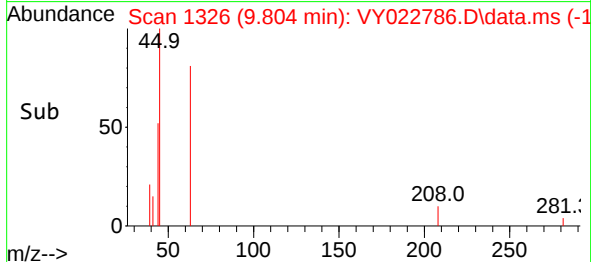
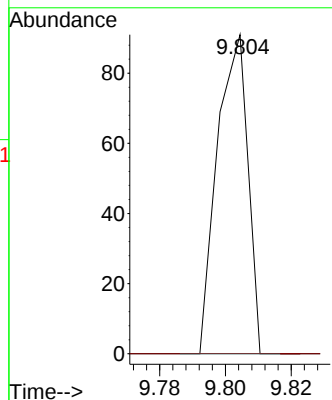
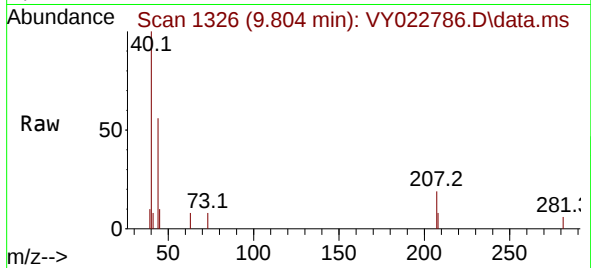




#58
2-Chloroethyl Vinyl ether
Concen: 15.685 ug/l
RT: 9.804 min Scan# 1326
Delta R.T. 0.091 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

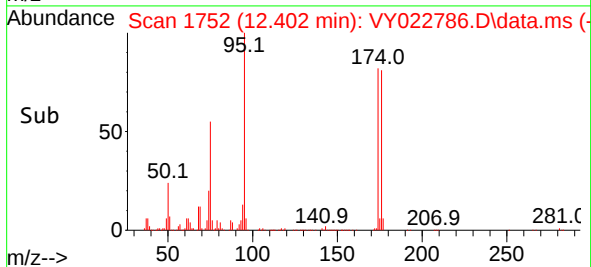
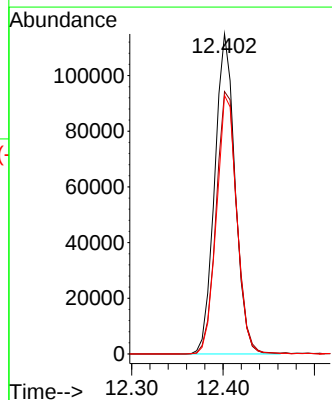
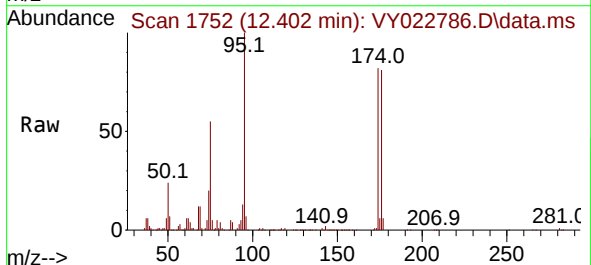
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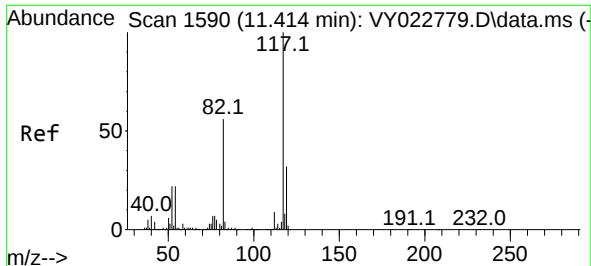
Tgt Ion: 63 Resp: 59
Ion Ratio Lower Upper
63 100
106 0.0 21.6 32.4#



#62
4-Bromofluorobenzene
Concen: 42.813 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

Tgt Ion: 95 Resp: 177906
Ion Ratio Lower Upper
95 100
174 83.6 0.0 170.0
176 80.6 0.0 166.2

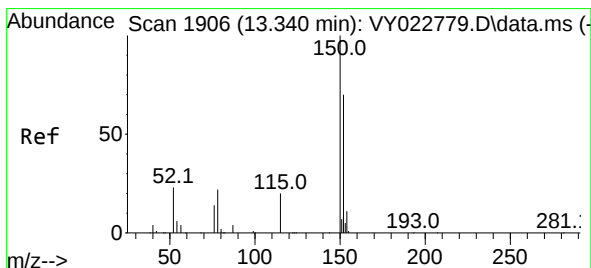
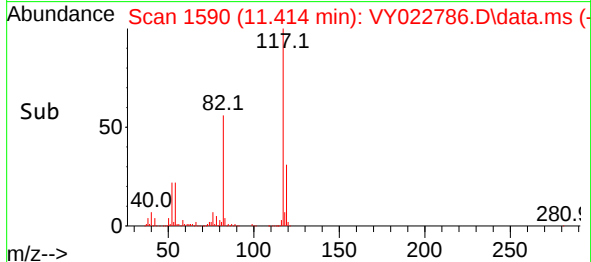
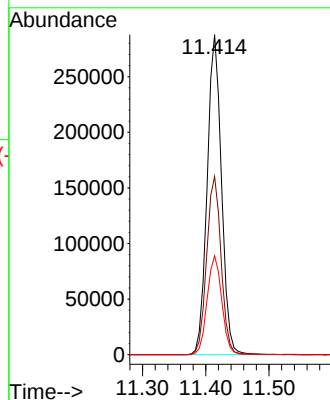
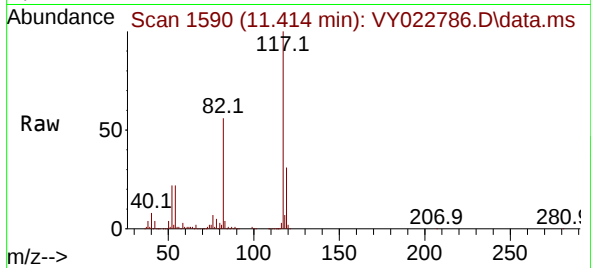




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

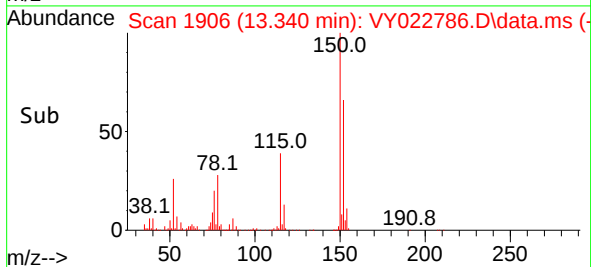
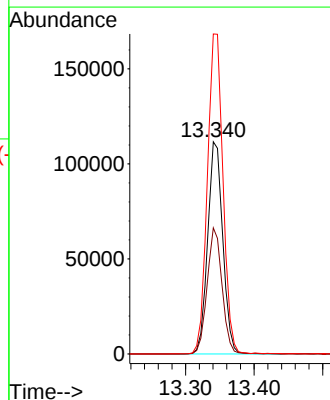
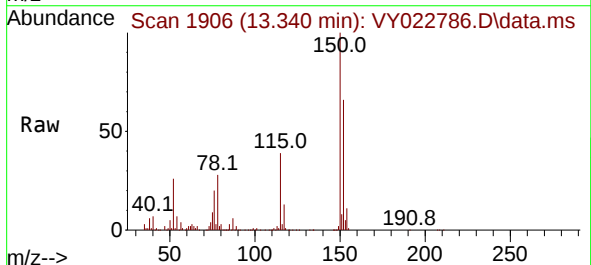
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBL01

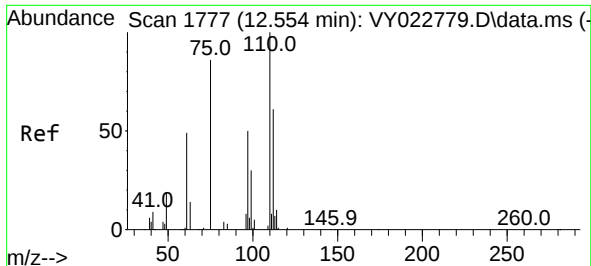
Tgt Ion:117 Resp: 452693
Ion Ratio Lower Upper
117 100
82 55.6 44.6 66.8
119 30.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

Tgt Ion:152 Resp: 171409
Ion Ratio Lower Upper
152 100
115 58.7 28.9 86.7
150 155.7 0.0 349.6

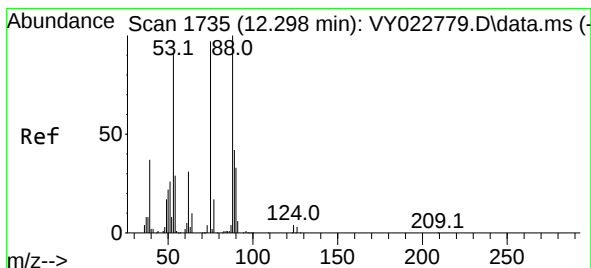
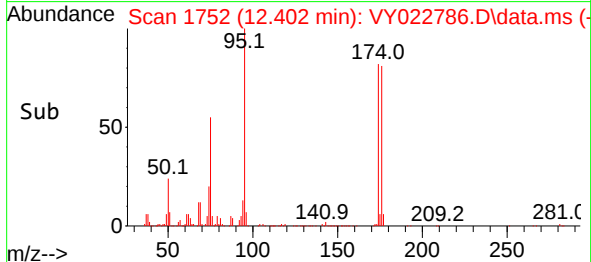
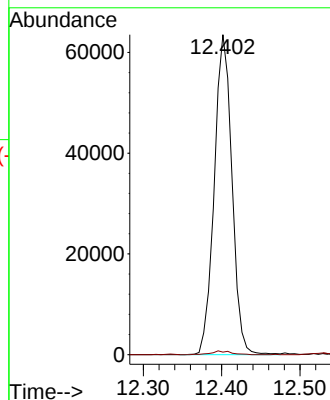
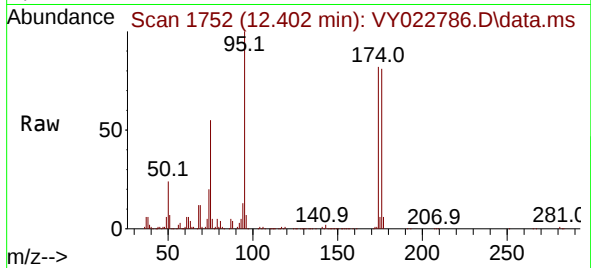




#76
1,2,3-Trichloropropane
Concen: 57.013 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.153 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBL01

Tgt Ion: 75 Resp: 99770
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 144.038 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.097 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

Tgt Ion: 75 Resp: 99770
Ion Ratio Lower Upper
75 100
53 0.3 78.5 117.7#
89 0.1 35.7 53.5#

