

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041025\
 Data File : VY021840.D
 Acq On : 10 Apr 2025 16:00
 Operator : SY/MD
 Sample : Q1752-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Apr 11 01:51:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

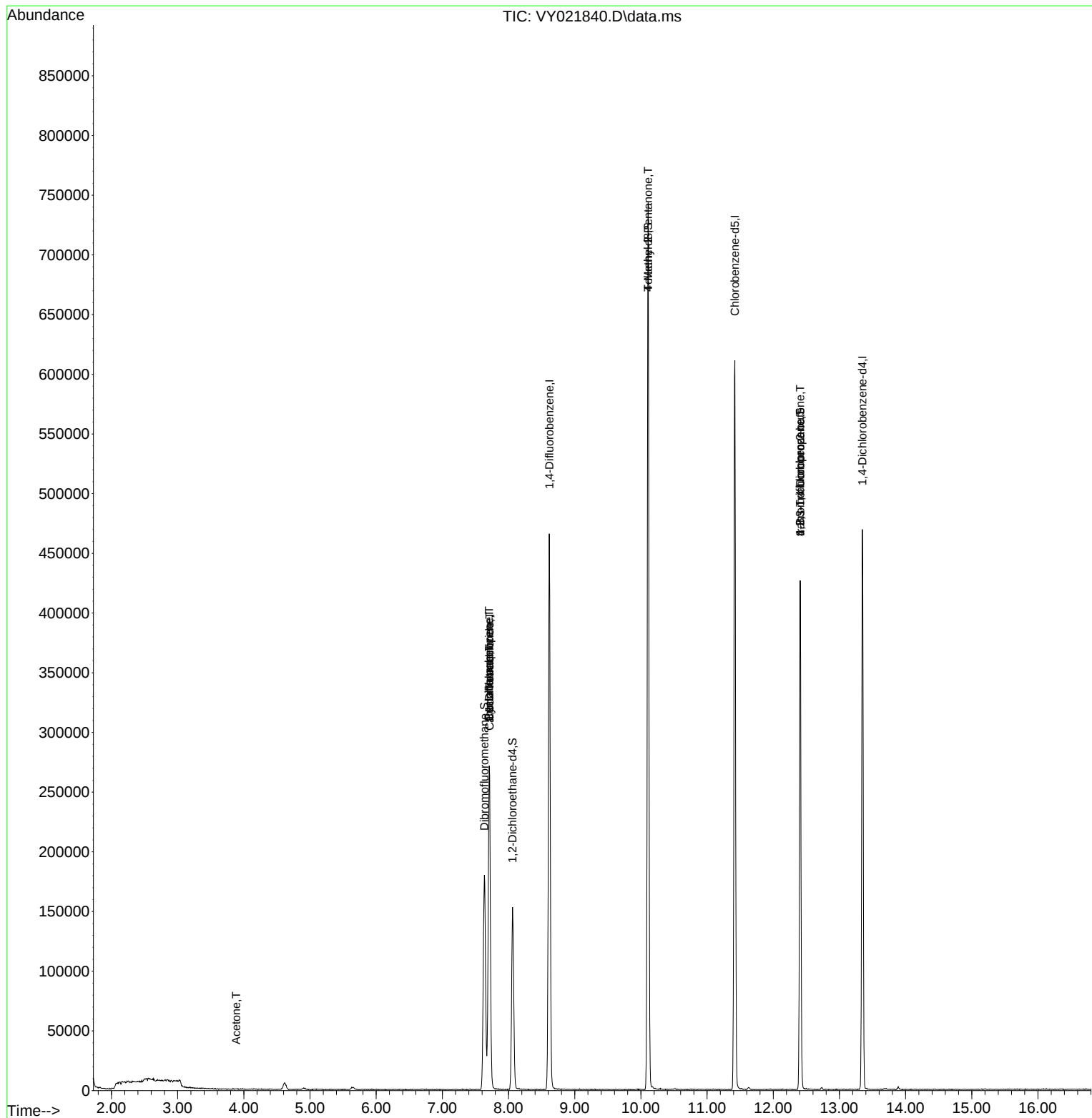
Internal Standards						
1) Pentafluorobenzene	7.707	168	201985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	378777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	322316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	116610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	118776	54.274	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.540%	
35) Dibromofluoromethane	7.634	113	125961	51.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.520%	
50) Toluene-d8	10.109	98	458018	48.999	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.000%	
62) 4-Bromofluorobenzene	12.408	95	124052	39.235	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 78.480%	
Target Compounds						
					Qvalue	
16) Acetone	3.885	43	552	1.232	ug/l #	44
20) Methylene Chloride	4.616	84	4052	Below Cal	#	80
31) Cyclohexane	7.707	56	4489	1.162	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	16981	4.537	ug/l #	50
38) Carbon Tetrachloride	7.713	117	20910	4.878	ug/l #	16
51) 4-Methyl-2-Pentanone	10.109	43	2236	1.284	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	65510	56.674	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	65510	130.587	ug/l #	12

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

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Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

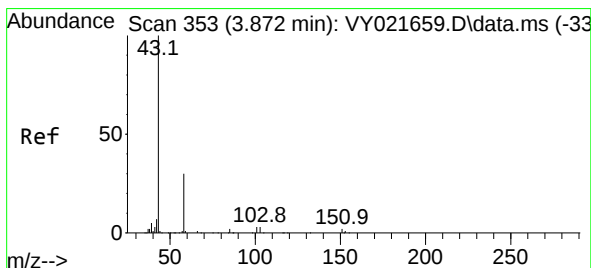
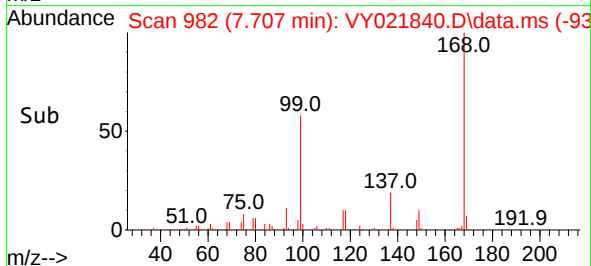
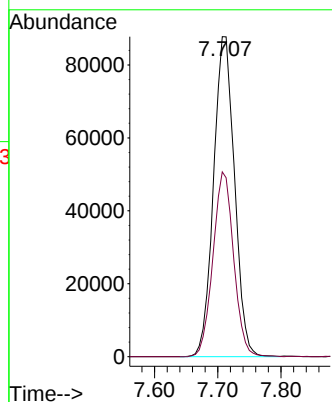
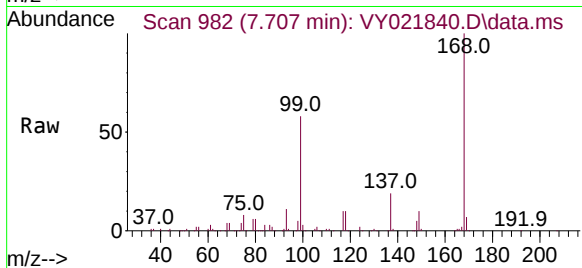




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021840.D
Acq: 10 Apr 2025 16:00

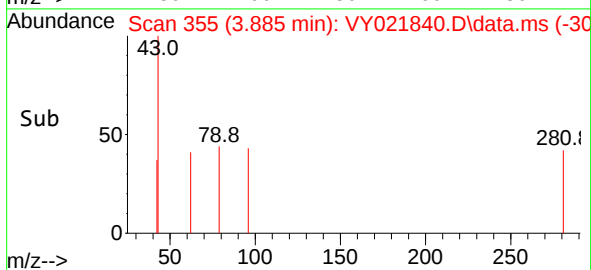
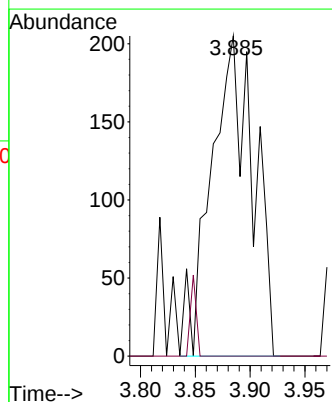
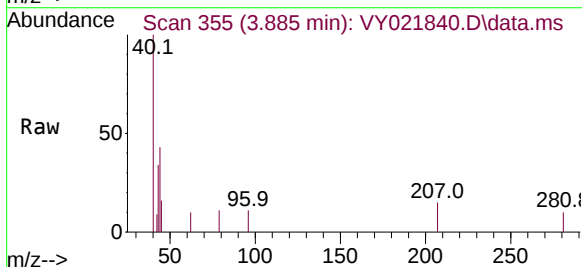
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

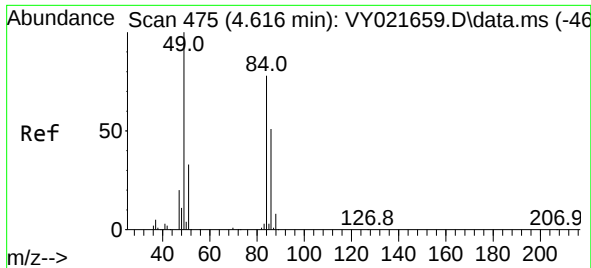
Tgt Ion:168 Resp: 201985
Ion Ratio Lower Upper
168 100
99 57.8 46.7 70.1



#16
Acetone
Concen: 1.232 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY021840.D
Acq: 10 Apr 2025 16:00

Tgt Ion: 43 Resp: 552
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#

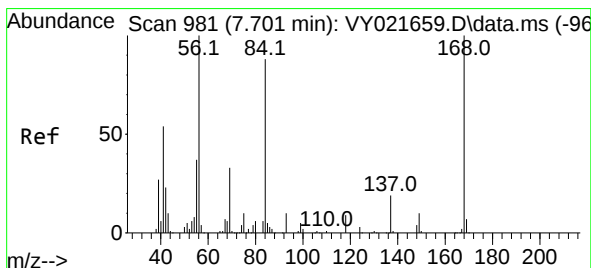
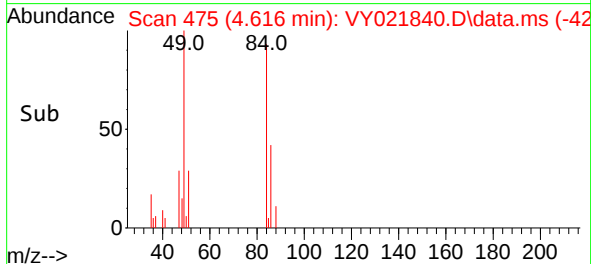
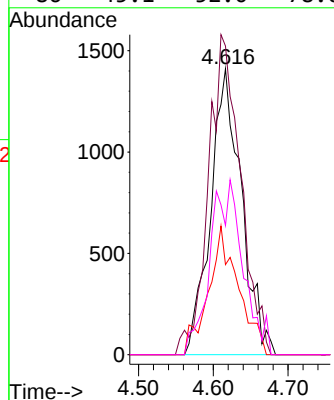
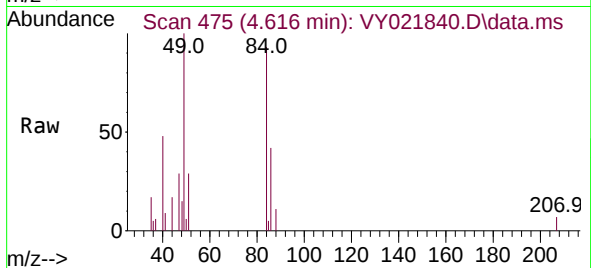




#20
Methylene Chloride
Concen: Below Cal
RT: 4.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY021840.D
Acq: 10 Apr 2025 16:00

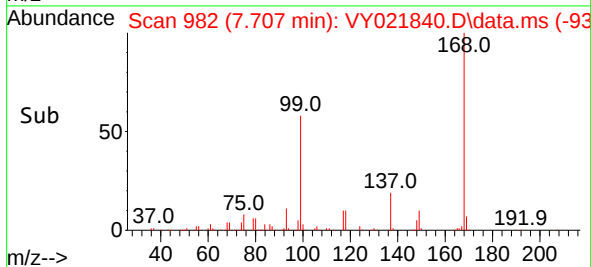
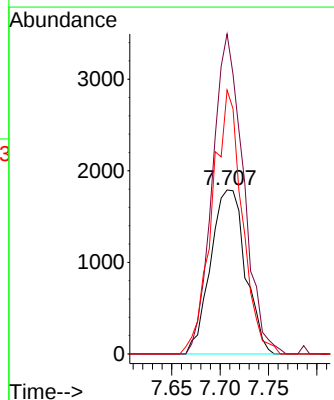
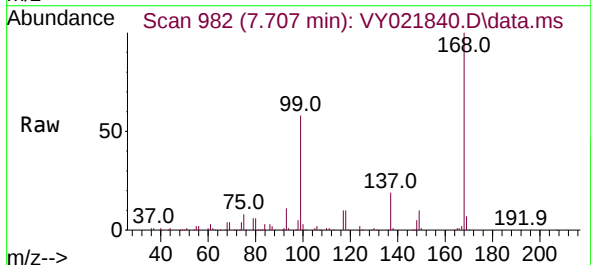
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

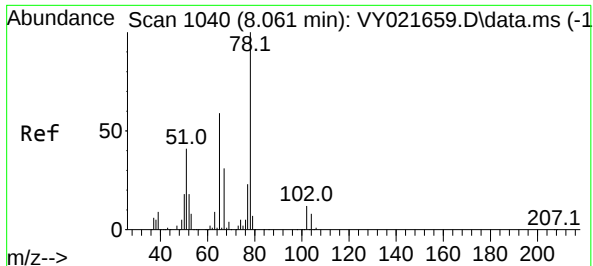
Tgt Ion:	84	Resp:	4052
Ion	Ratio	Lower	Upper
84	100		
49	107.9	102.8	154.2
51	31.5	33.5	50.3#
86	45.1	52.0	78.0#



#31
Cyclohexane
Concen: 1.162 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021840.D
Acq: 10 Apr 2025 16:00

Tgt Ion:	56	Resp:	4489
Ion	Ratio	Lower	Upper
56	100		
69	195.1	26.6	40.0#
84	160.9	69.0	103.4#





#33

1,2-Dichloroethane-d4

Concen: 54.274 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY021840.D

Acq: 10 Apr 2025 16:00

Instrument :

MSVOA_Y

ClientSampleId :

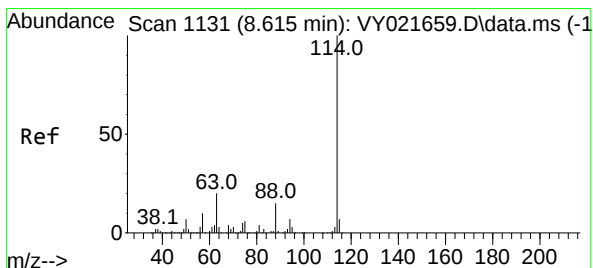
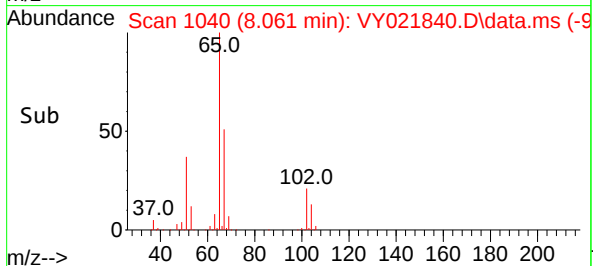
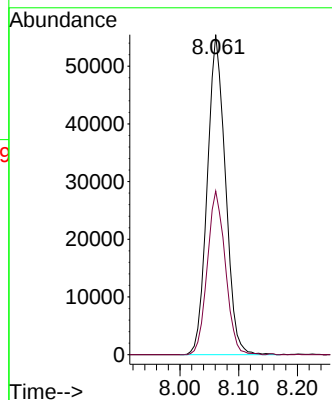
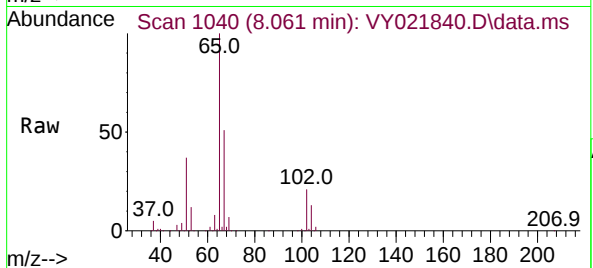
TP-1

Tgt Ion: 65 Resp: 118776

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021840.D

Acq: 10 Apr 2025 16:00

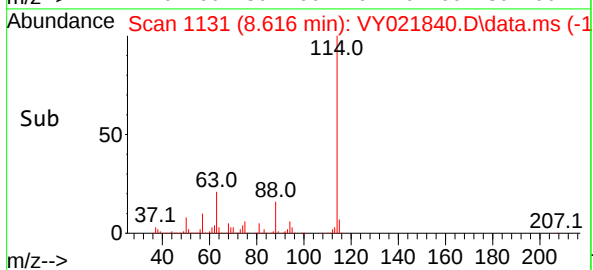
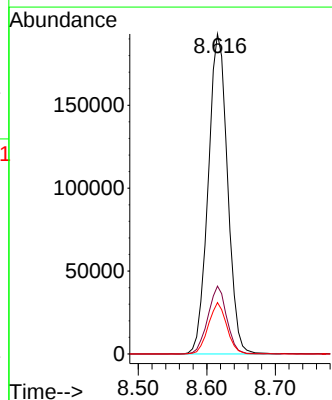
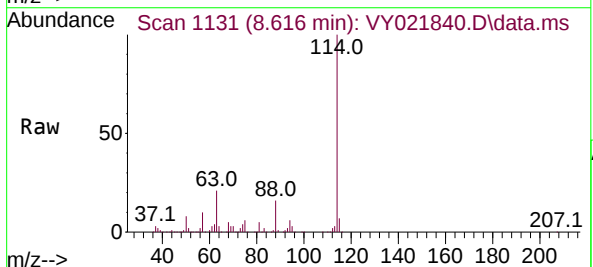
Tgt Ion: 114 Resp: 378777

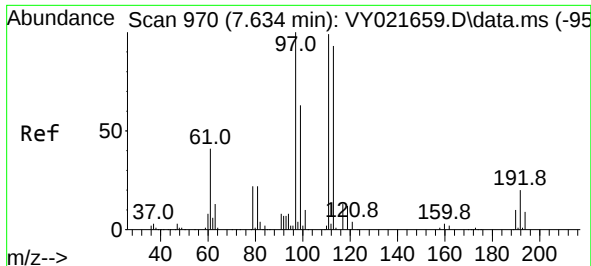
Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.2

88 16.1 0.0 29.8

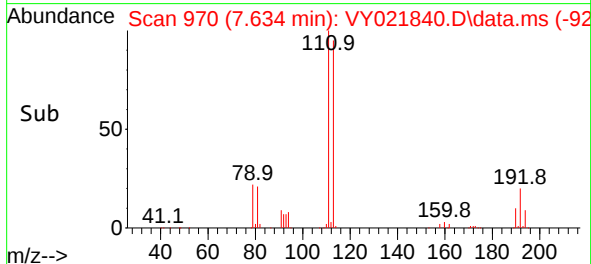
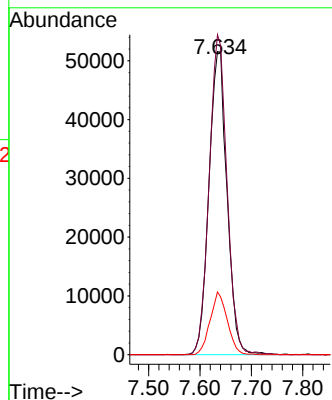
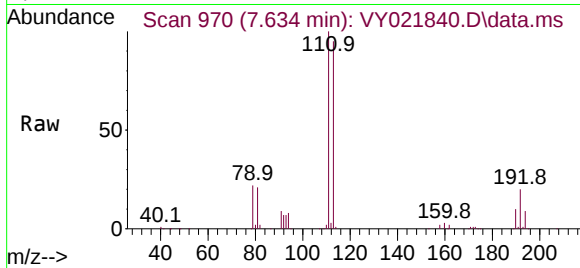




#35
Dibromofluoromethane
Concen: 51.265 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021840.D
Acq: 10 Apr 2025 16:00

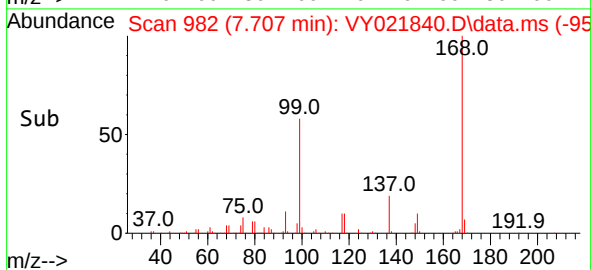
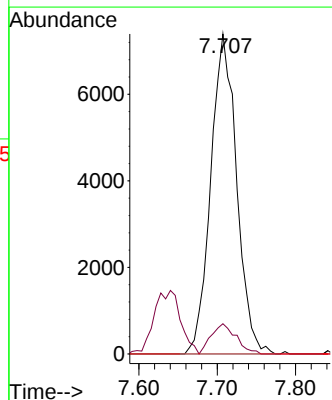
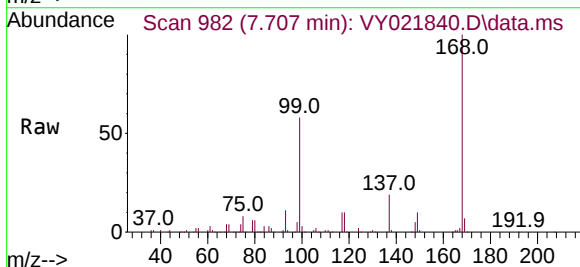
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

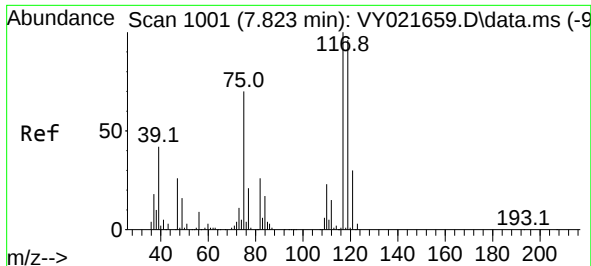
Tgt Ion:113 Resp: 125961
Ion Ratio Lower Upper
113 100
111 104.2 82.6 123.8
192 19.7 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.537 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY021840.D
Acq: 10 Apr 2025 16:00

Tgt Ion: 75 Resp: 16981
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.8 37.2#

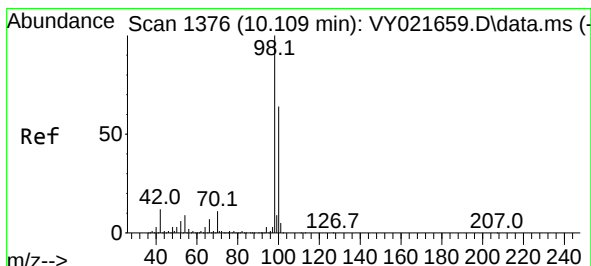
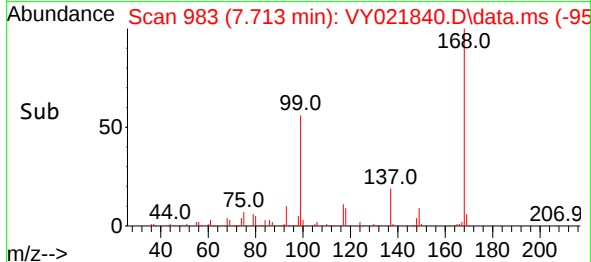
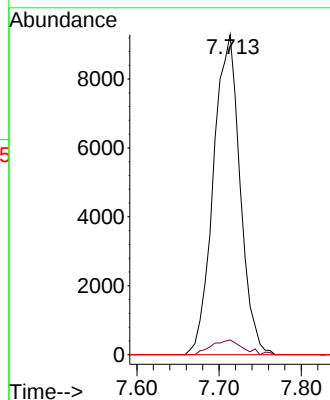
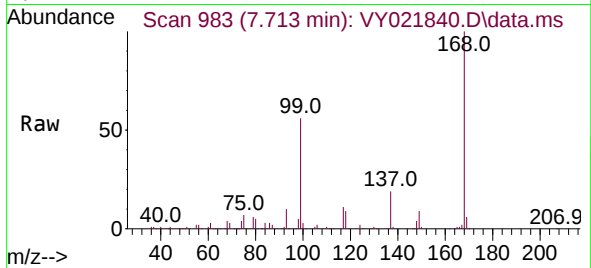




#38
Carbon Tetrachloride
Concen: 4.878 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY021840.D
Acq: 10 Apr 2025 16:00

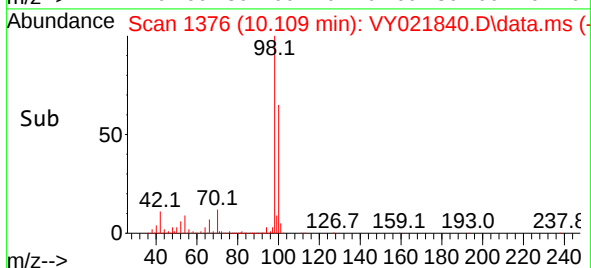
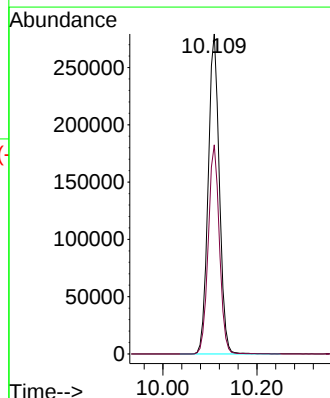
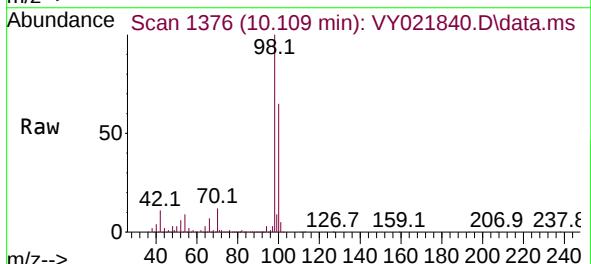
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

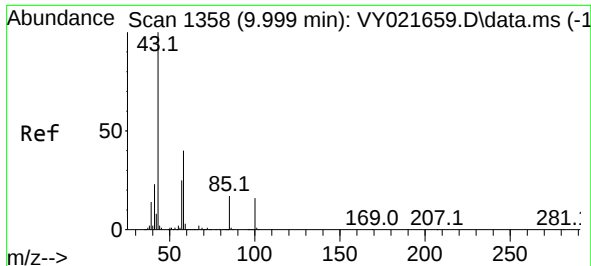
Tgt Ion:117 Resp: 20910
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.4#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 48.999 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021840.D
Acq: 10 Apr 2025 16:00

Tgt Ion: 98 Resp: 458018
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 1.284 ug/l

RT: 10.109 min Scan# 1358

Delta R.T. 0.110 min

Lab File: VY021840.D

Acq: 10 Apr 2025 16:00

Instrument :

MSVOA_Y

ClientSampleId :

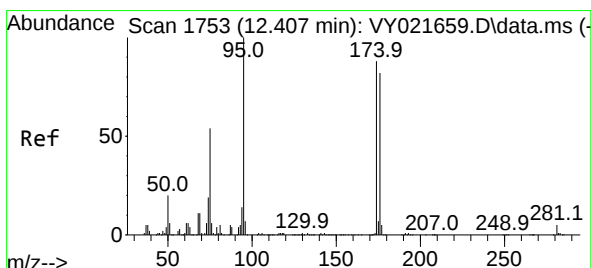
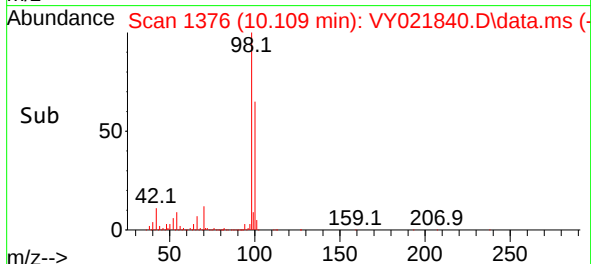
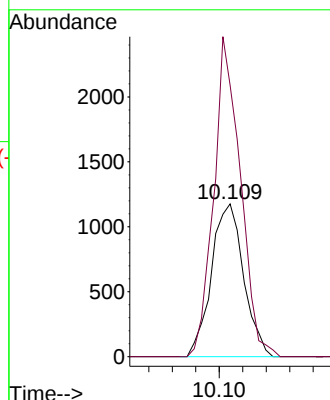
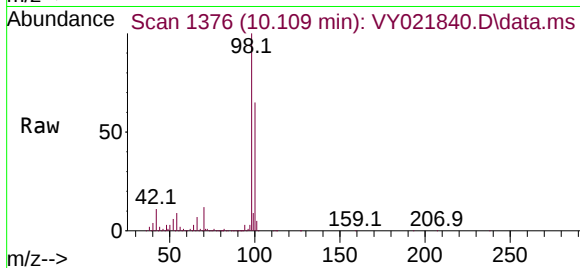
TP-1

Tgt Ion: 43 Resp: 2236

Ion Ratio Lower Upper

43 100

58 173.4 31.5 47.3#



#62

4-Bromofluorobenzene

Concen: 39.235 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY021840.D

Acq: 10 Apr 2025 16:00

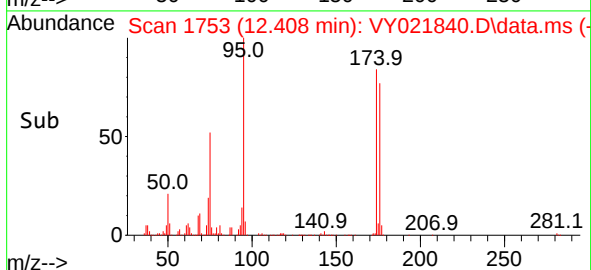
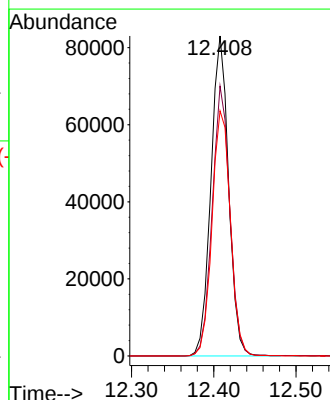
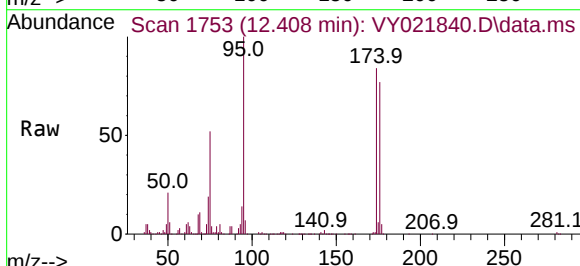
Tgt Ion: 95 Resp: 124052

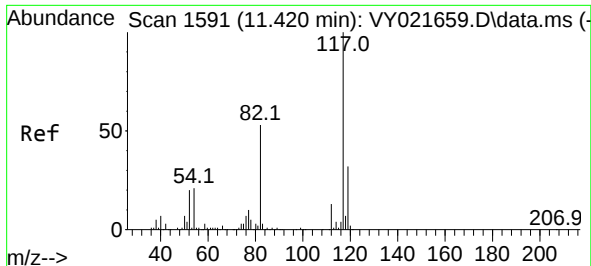
Ion Ratio Lower Upper

95 100

174 83.9 0.0 170.8

176 79.7 0.0 162.0

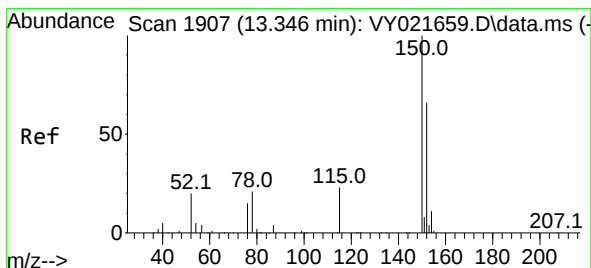
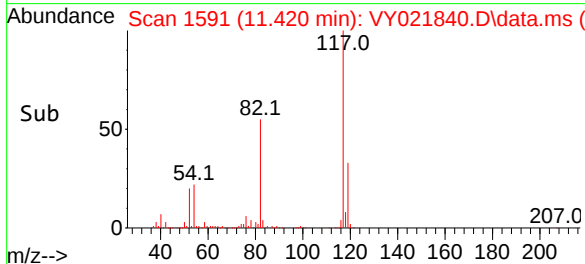
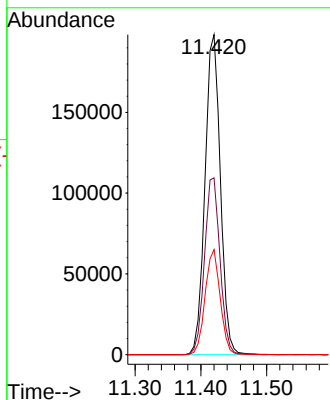
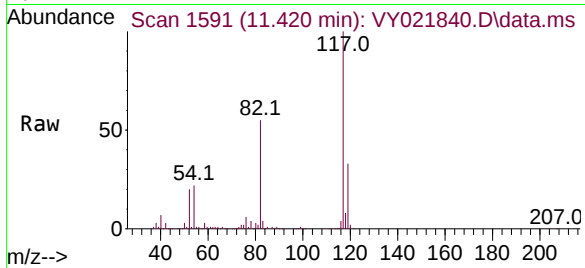




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021840.D
Acq: 10 Apr 2025 16:00

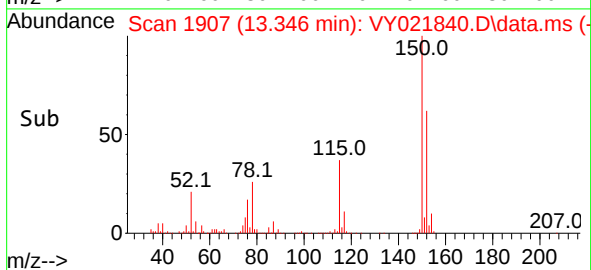
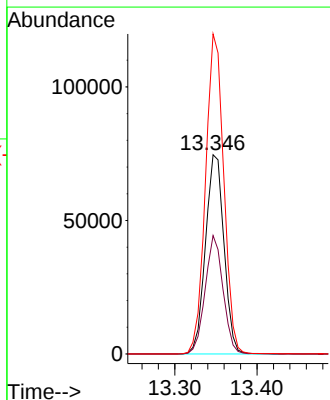
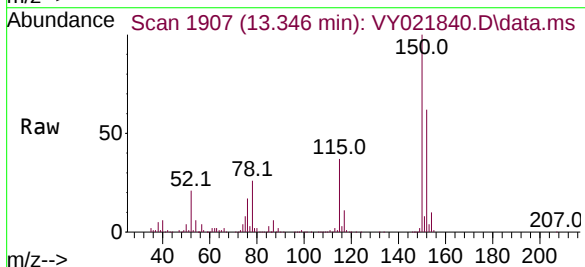
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

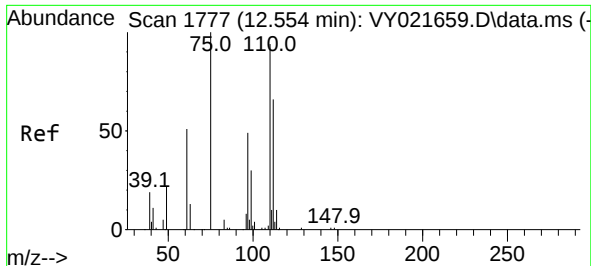
Tgt Ion:117 Resp: 322316
Ion Ratio Lower Upper
117 100
82 55.2 42.8 64.2
119 32.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021840.D
Acq: 10 Apr 2025 16:00

Tgt Ion:152 Resp: 116610
Ion Ratio Lower Upper
152 100
115 57.5 28.8 86.5
150 158.3 0.0 348.4

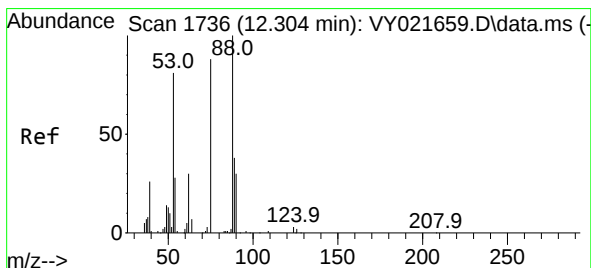
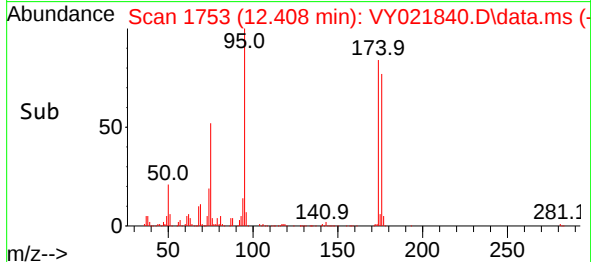
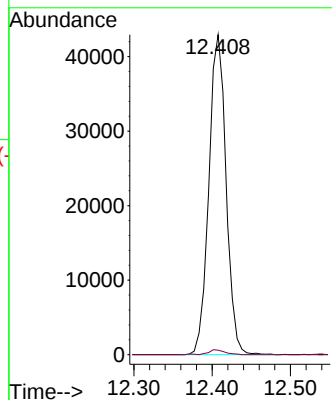
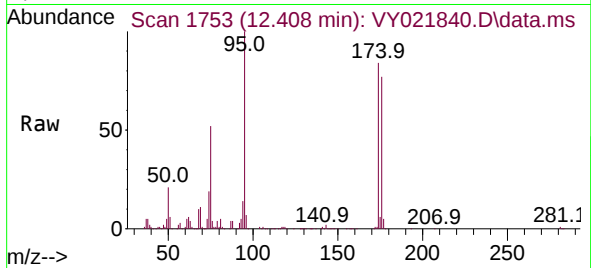




#76
1,2,3-Trichloropropane
Concen: 56.674 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY021840.D
Acq: 10 Apr 2025 16:00

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

Tgt Ion: 75 Resp: 65510
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 130.587 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY021840.D
Acq: 10 Apr 2025 16:00

Tgt Ion: 75 Resp: 65510
Ion Ratio Lower Upper
75 100
53 0.1 76.1 114.1#
89 0.0 36.2 54.4#

