

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050725\
 Data File : VY022183.D
 Acq On : 07 May 2025 10:22
 Operator : SY/MD
 Sample : VY0507SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0507SBL01

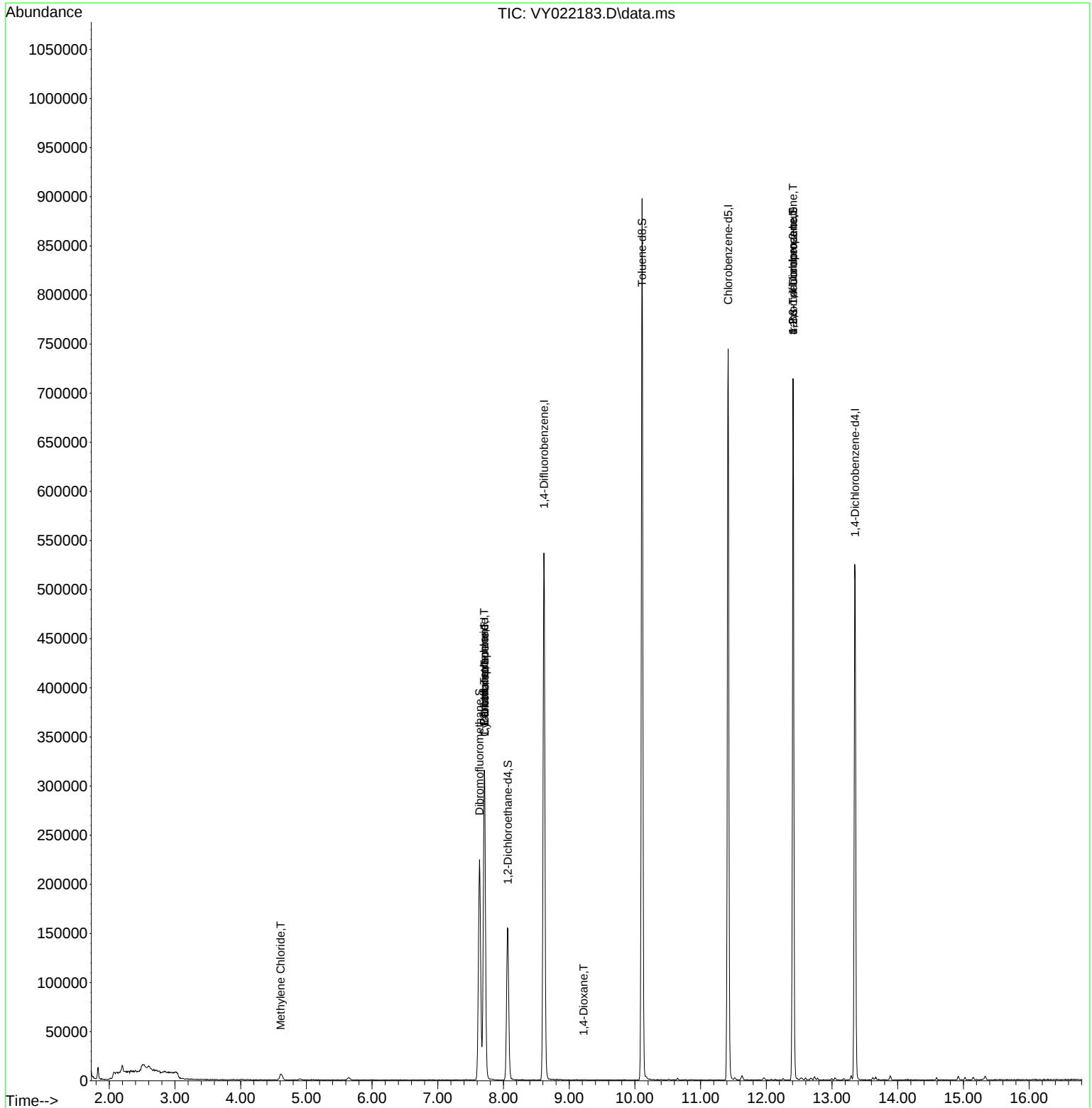
Quant Time: May 08 01:40:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	246656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	476473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	408570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	142140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	123163	54.059	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.120%	
35) Dibromofluoromethane	7.634	113	159587	50.697	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.400%	
50) Toluene-d8	10.109	98	575188	48.468	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.940%	
62) 4-Bromofluorobenzene	12.408	95	214411	53.670	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.340%	
Target Compounds						Qvalue
16) Acetone	3.891	43	389	Below Cal	#	41
20) Methylene Chloride	4.610	84	4769	1.655	ug/l	93
31) Cyclohexane	7.713	56	4823	1.281	ug/l #	19
36) 1,1-Dichloropropene	7.713	75	19074	4.511	ug/l #	47
38) Carbon Tetrachloride	7.707	117	25137	4.975	ug/l #	17
49) 1,4-Dioxane	9.219	88	43	2.205	ug/l #	28
76) 1,2,3-Trichloropropane	12.408	75	105536	86.683	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	105536	208.745	ug/l #	16

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

Quant Time: May 08 01:40:58 2025
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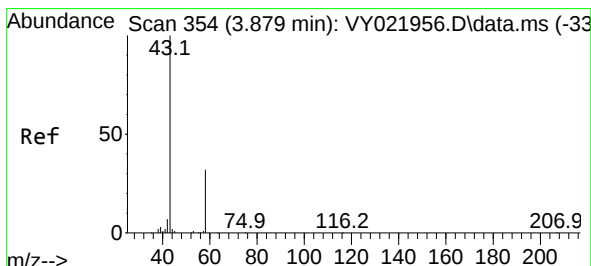
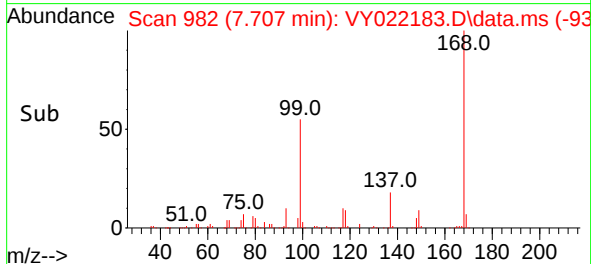
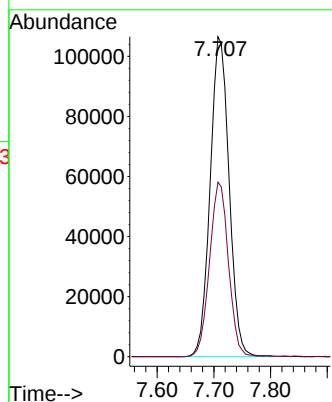
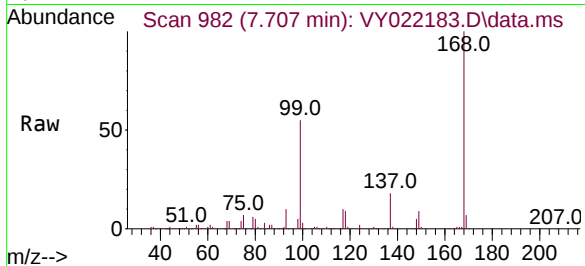




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022183.D
Acq: 07 May 2025 10:22

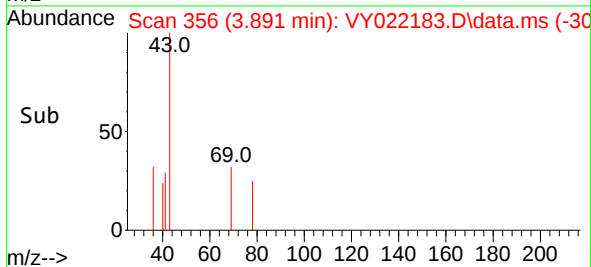
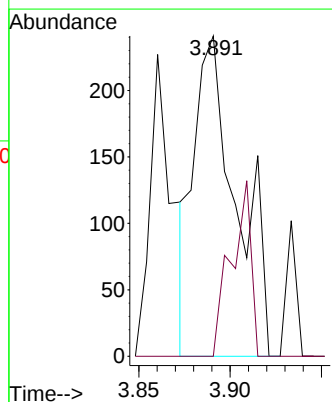
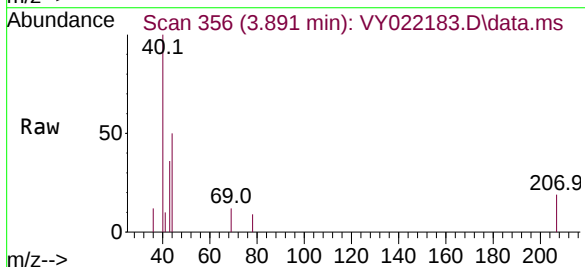
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBL01

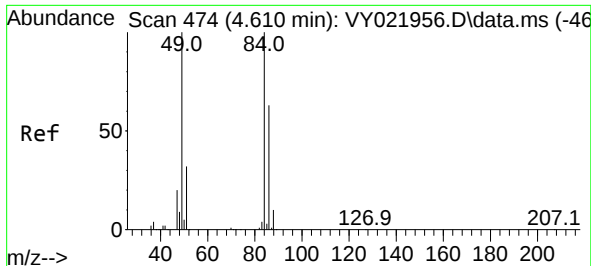
Tgt Ion:168 Resp: 246656
Ion Ratio Lower Upper
168 100
99 54.5 43.1 64.7



#16
Acetone
Concen: Below Cal
RT: 3.891 min Scan# 356
Delta R.T. 0.012 min
Lab File: VY022183.D
Acq: 07 May 2025 10:22

Tgt Ion: 43 Resp: 389
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.4#

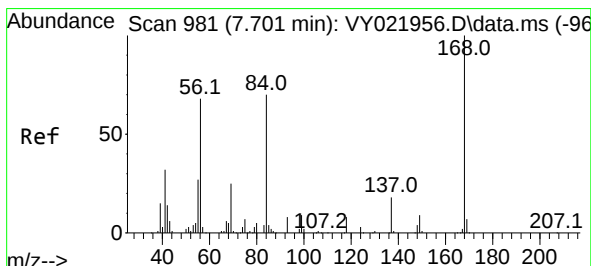
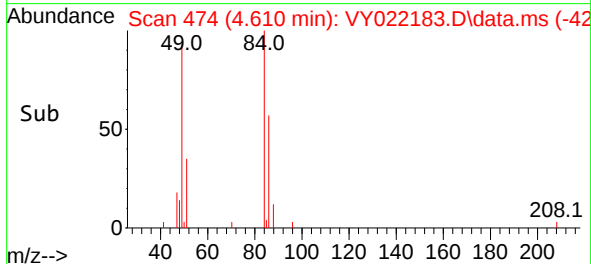
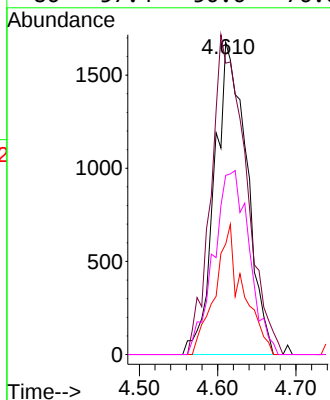
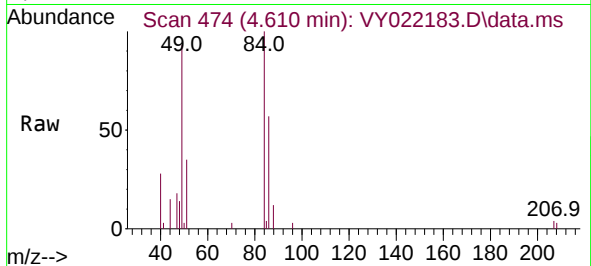




#20
Methylene Chloride
Concen: 1.655 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY022183.D
Acq: 07 May 2025 10:22

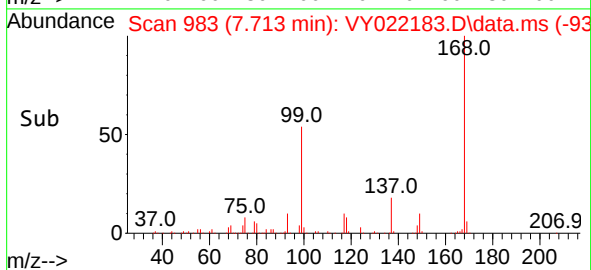
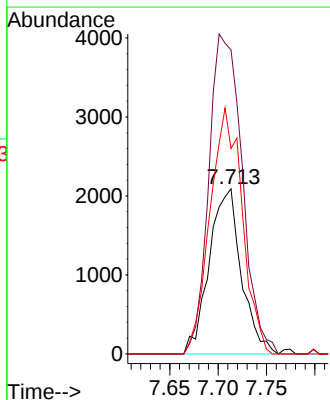
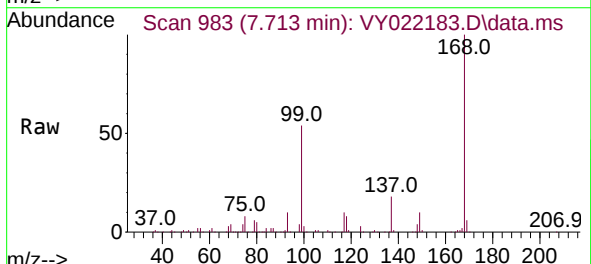
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBL01

Tgt Ion:	84	Resp:	4769
Ion	Ratio	Lower	Upper
84	100		
49	93.3	79.9	119.9
51	35.4	25.4	38.0
86	57.4	50.6	76.0



#31
Cyclohexane
Concen: 1.281 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY022183.D
Acq: 07 May 2025 10:22

Tgt Ion:	56	Resp:	4823
Ion	Ratio	Lower	Upper
56	100		
69	184.2	29.4	44.2#
84	124.3	82.2	123.4#





#33

1,2-Dichloroethane-d4

Concen: 54.059 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY022183.D

Acq: 07 May 2025 10:22

Instrument :

MSVOA_Y

ClientSampleId :

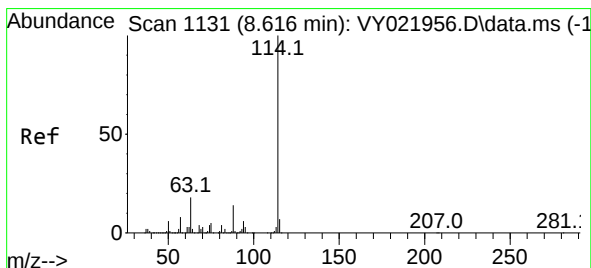
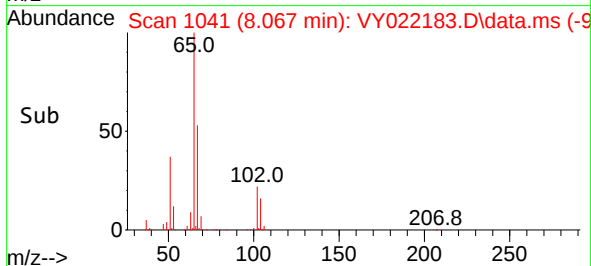
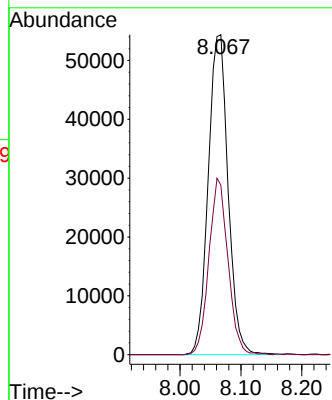
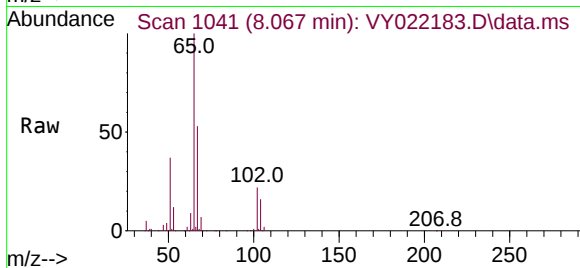
VY0507SBL01

Tgt Ion: 65 Resp: 123163

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022183.D

Acq: 07 May 2025 10:22

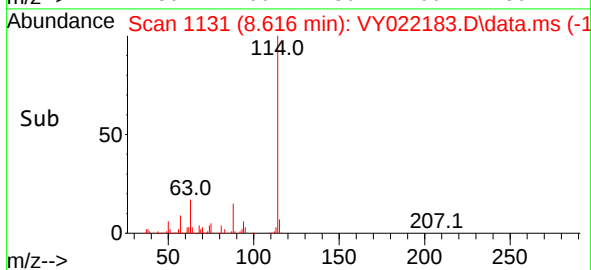
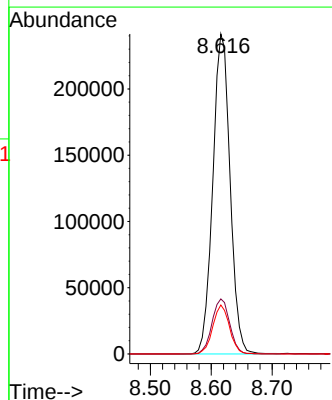
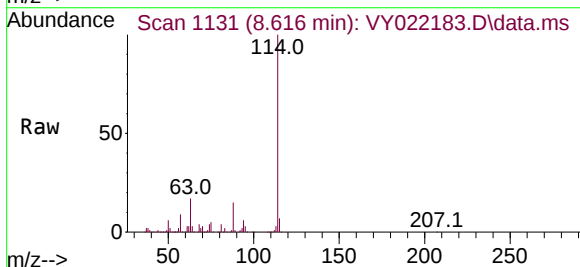
Tgt Ion: 114 Resp: 476473

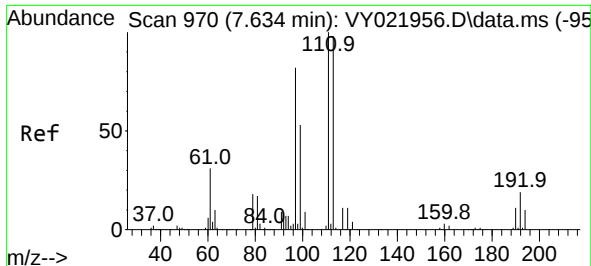
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.4

88 15.3 0.0 28.2

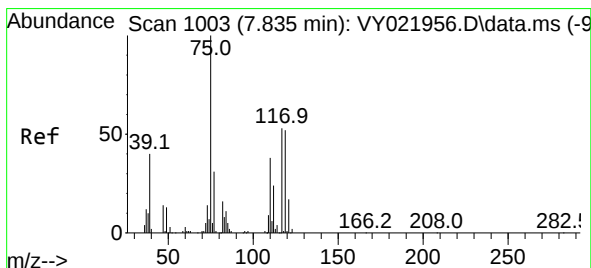
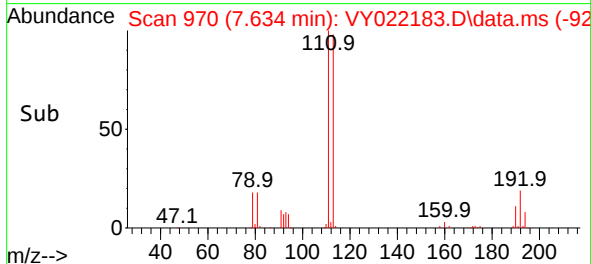
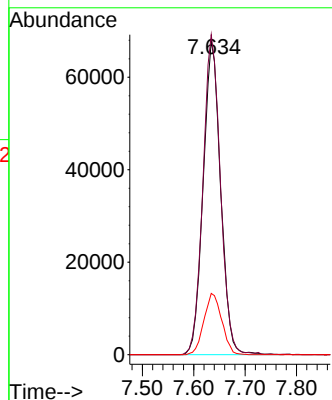
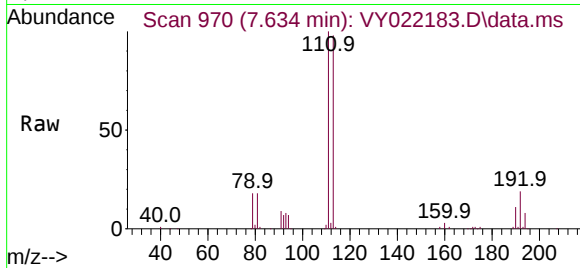




#35
Dibromofluoromethane
Concen: 50.697 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022183.D
Acq: 07 May 2025 10:22

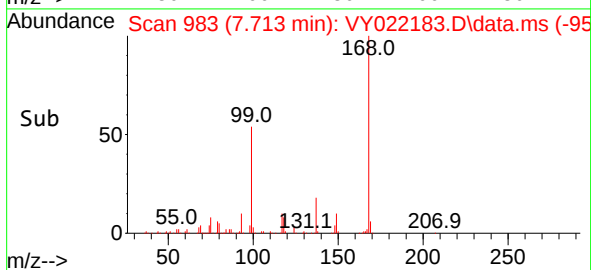
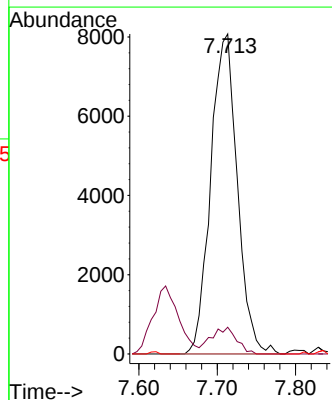
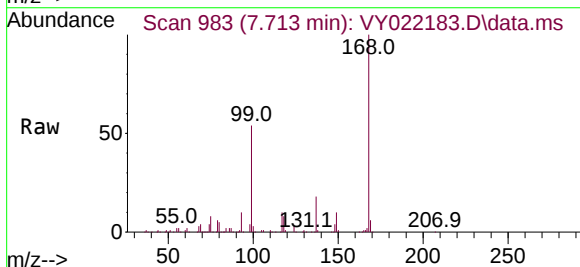
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBL01

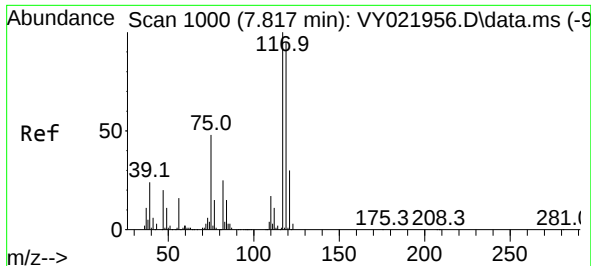
Tgt Ion:113 Resp: 159587
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.8
192 20.0 15.6 23.4



#36
1,1-Dichloropropene
Concen: 4.511 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY022183.D
Acq: 07 May 2025 10:22

Tgt Ion: 75 Resp: 19074
Ion Ratio Lower Upper
75 100
110 8.0 19.1 57.3#
77 0.0 25.5 38.3#

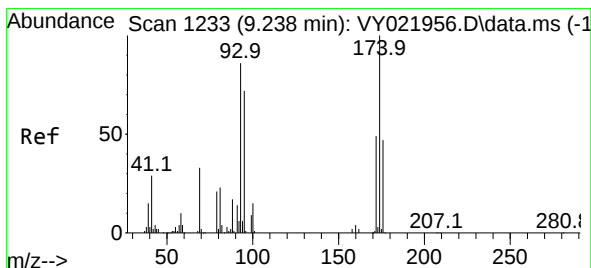
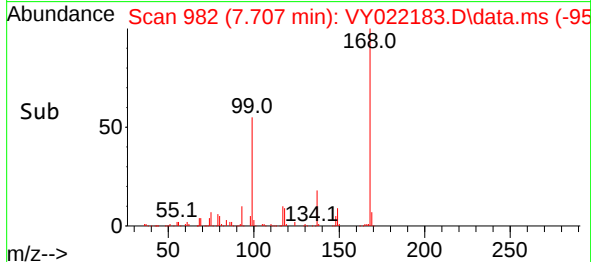
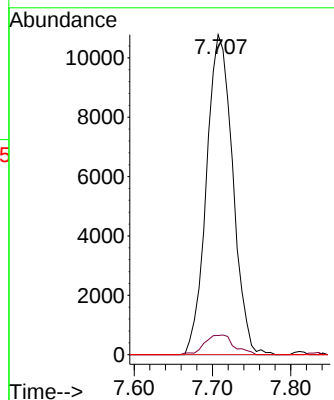
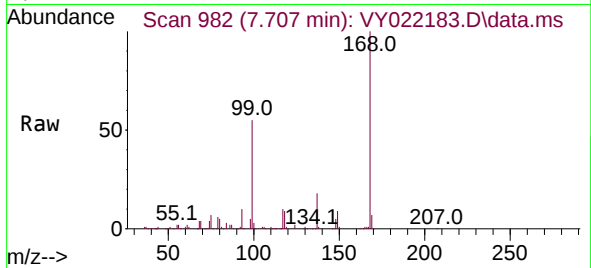




#38
Carbon Tetrachloride
Concen: 4.975 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY022183.D
Acq: 07 May 2025 10:22

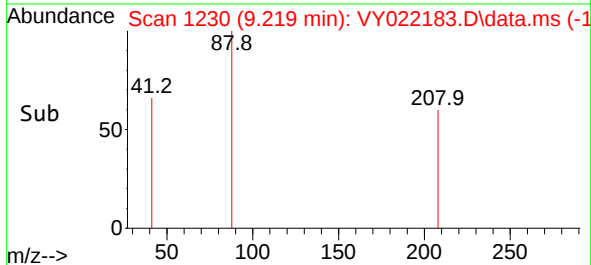
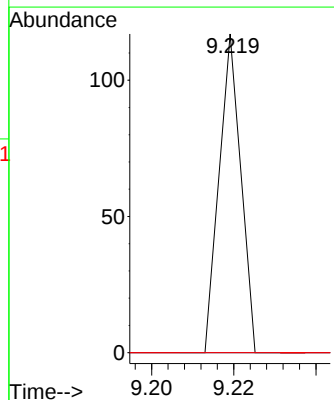
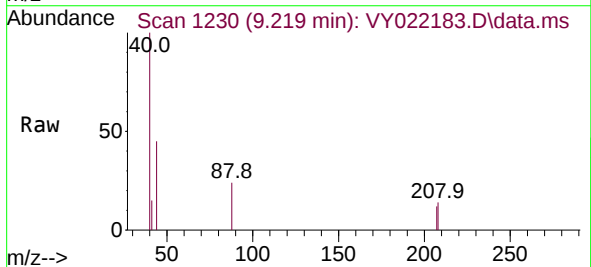
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBL01

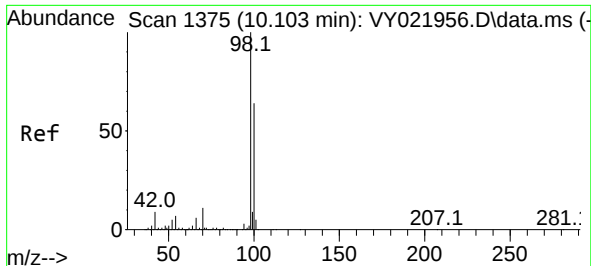
Tgt Ion:117 Resp: 25137
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.4#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 2.205 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.018 min
Lab File: VY022183.D
Acq: 07 May 2025 10:22

Tgt Ion: 88 Resp: 43
Ion Ratio Lower Upper
88 100
43 0.0 21.3 31.9#
58 0.0 50.5 75.7#

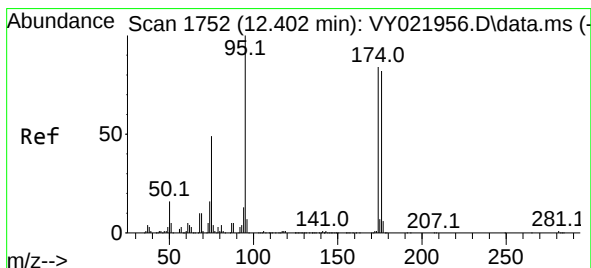
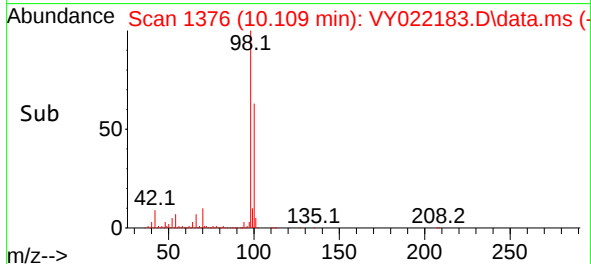
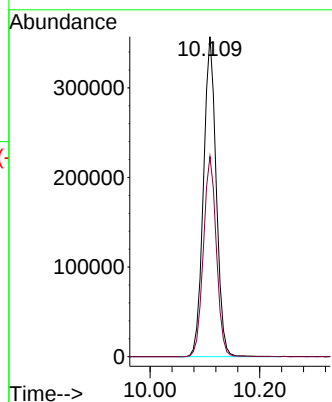
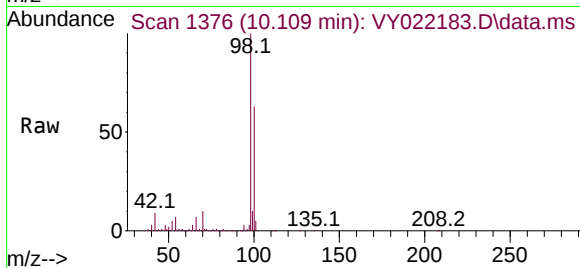




#50
Toluene-d8
Concen: 48.468 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022183.D
Acq: 07 May 2025 10:22

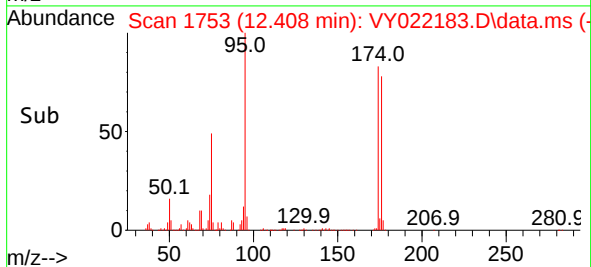
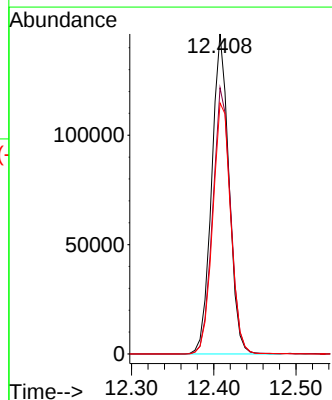
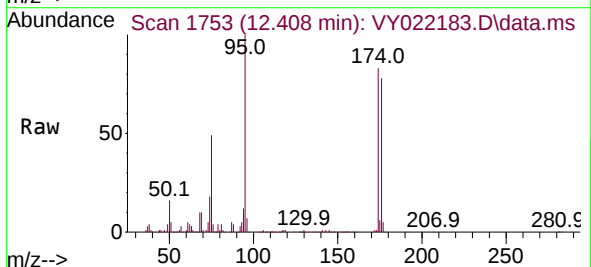
Instrument :
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VY0507SBL01

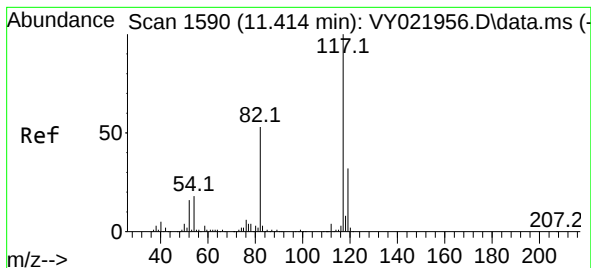
Tgt Ion: 98 Resp: 575188
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 53.670 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022183.D
Acq: 07 May 2025 10:22

Tgt Ion: 95 Resp: 214411
Ion Ratio Lower Upper
95 100
174 85.4 0.0 179.0
176 82.0 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022183.D

Acq: 07 May 2025 10:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBL01

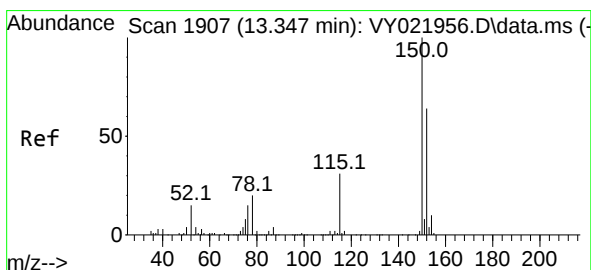
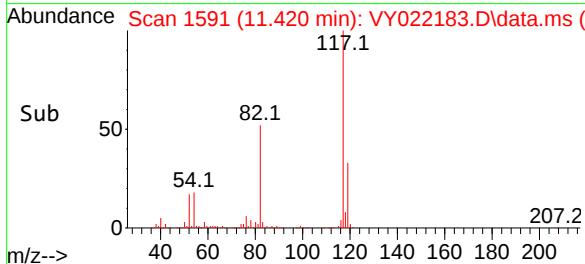
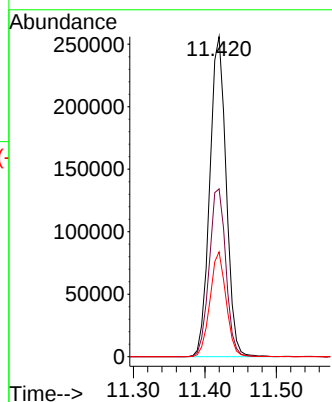
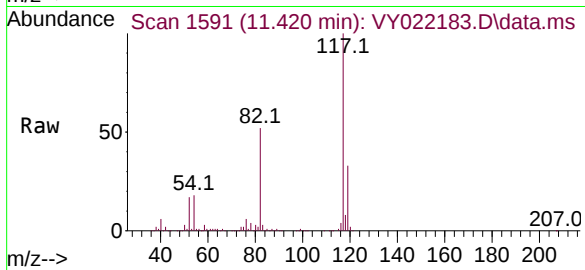
Tgt Ion:117 Resp: 408570

Ion Ratio Lower Upper

117 100

82 52.5 42.1 63.1

119 32.7 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY022183.D

Acq: 07 May 2025 10:22

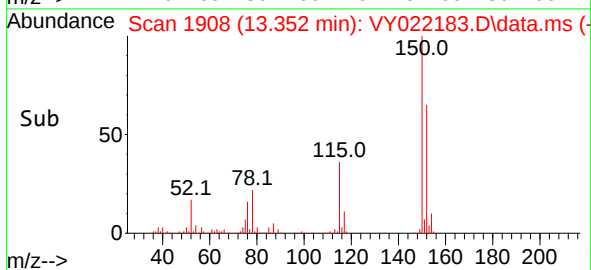
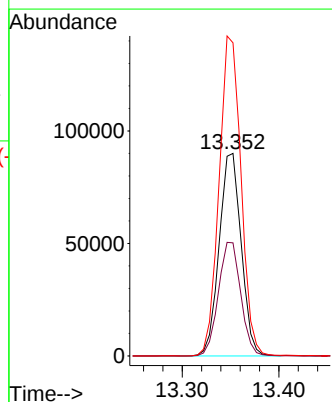
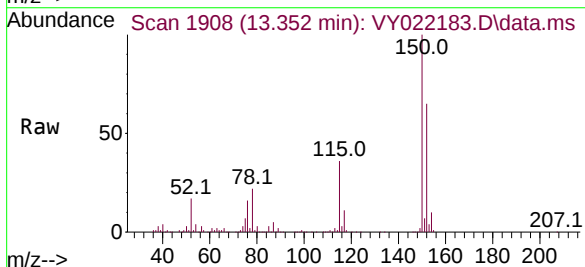
Tgt Ion:152 Resp: 142140

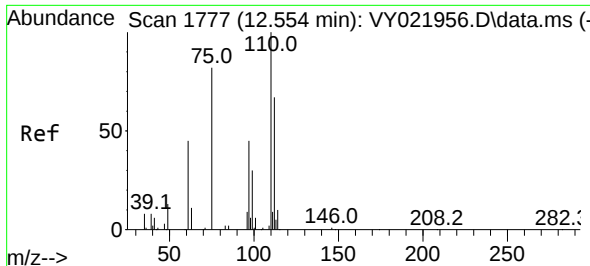
Ion Ratio Lower Upper

152 100

115 57.0 28.0 84.0

150 157.5 0.0 345.6

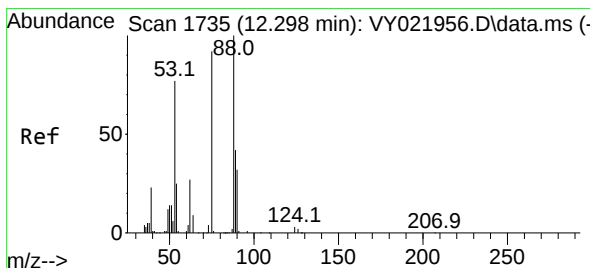
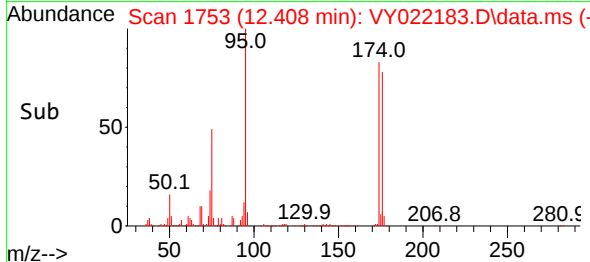
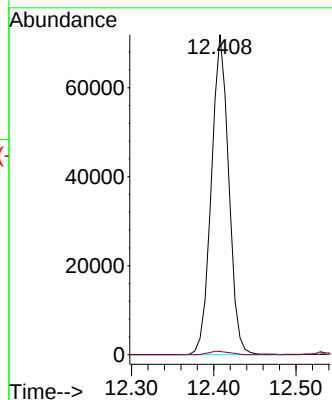
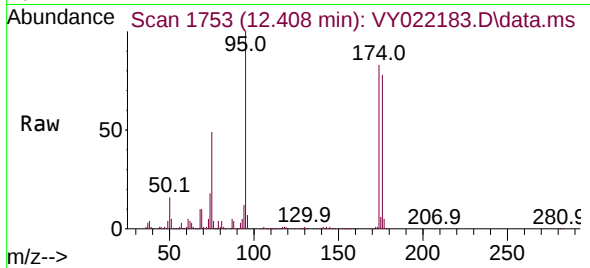




#76
1,2,3-Trichloropropane
Concen: 86.683 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY022183.D
Acq: 07 May 2025 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBL01

Tgt Ion: 75 Resp: 105536
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 208.745 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.110 min
Lab File: VY022183.D
Acq: 07 May 2025 10:22

Tgt Ion: 75 Resp: 105536
Ion Ratio Lower Upper
75 100
53 0.2 66.0 99.0#
89 0.0 37.2 55.8#

