

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061325\
 Data File : VY022683.D
 Acq On : 13 Jun 2025 09:13
 Operator : SY/MD
 Sample : VY0613SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0613SBL01

Quant Time: Jun 14 02:00:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

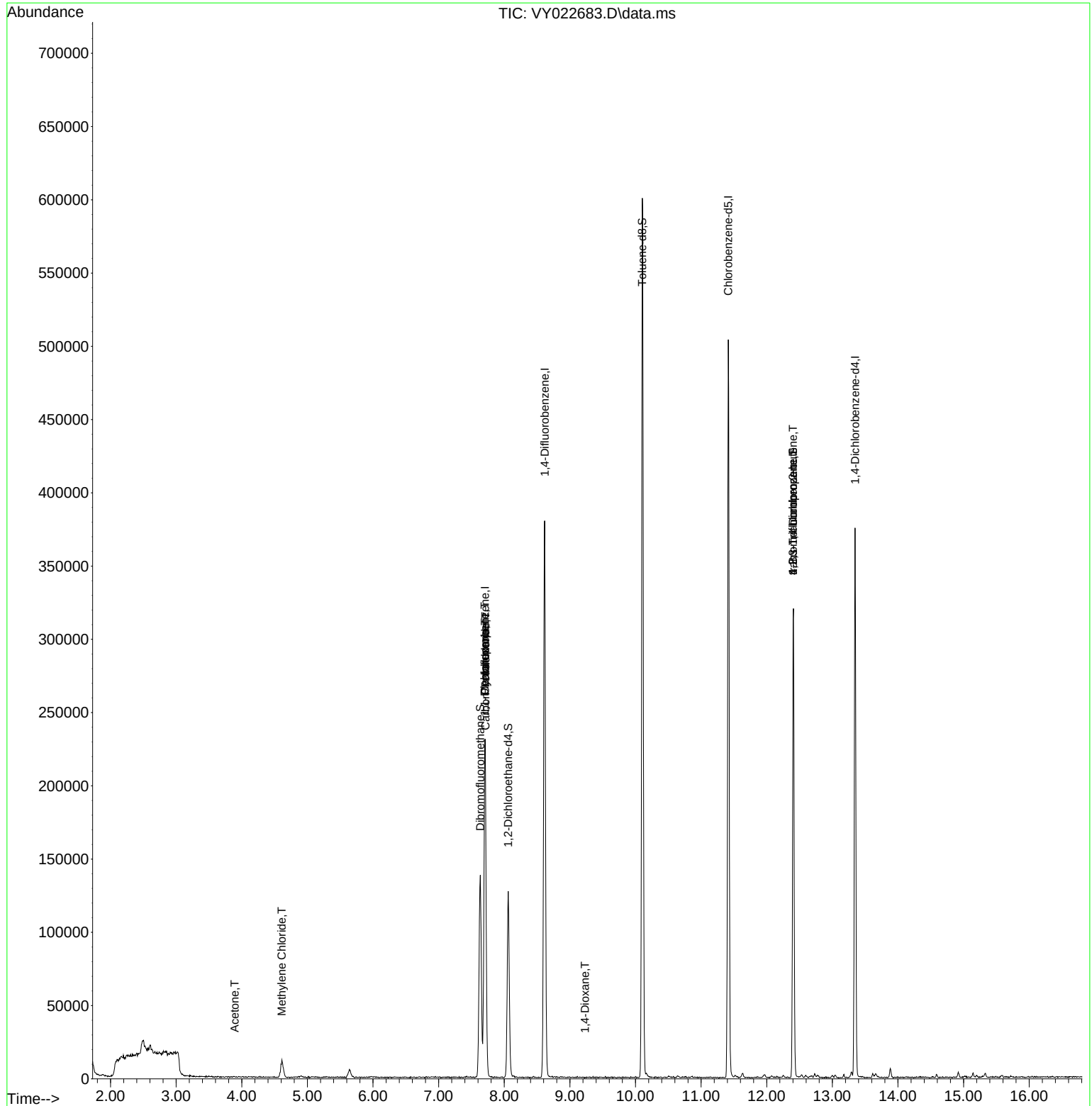
Internal Standards						
1) Pentafluorobenzene	7.707	168	169791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	313555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	249938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	87111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	92485	48.701	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.400%		
35) Dibromofluoromethane	7.634	113	95464	51.008	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.020%		
50) Toluene-d8	10.103	98	377974	49.982	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.960%		
62) 4-Bromofluorobenzene	12.402	95	87831	38.981	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	77.960%		
Target Compounds					Qvalue	
16) Acetone	3.891	43	478	1.239	ug/l	90
20) Methylene Chloride	4.610	84	7484	3.416	ug/l	84
31) Cyclohexane	7.707	56	4981	1.365	ug/l #	40
36) 1,1-Dichloropropene	7.701	75	15344	5.051	ug/l #	50
38) Carbon Tetrachloride	7.713	117	17813	5.717	ug/l #	16
49) 1,4-Dioxane	9.231	88	33	2.335	ug/l #	24
76) 1,2,3-Trichloropropane	12.402	75	52963	53.145	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	52963	128.341	ug/l #	11

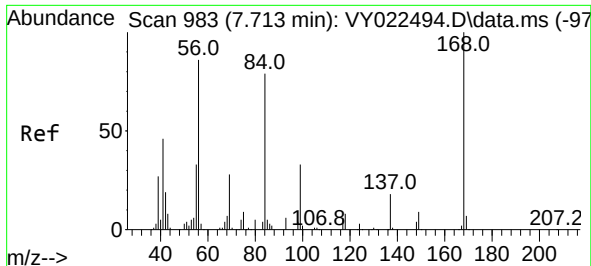
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061325\
Data File : VY022683.D
Acq On : 13 Jun 2025 09:13
Operator : SY/MD
Sample : VY0613SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBL01

Quant Time: Jun 14 02:00:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

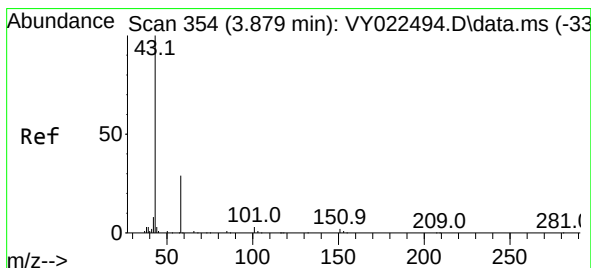
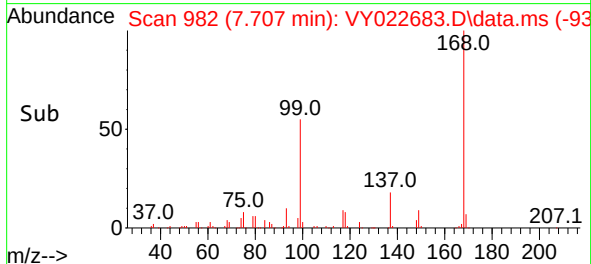
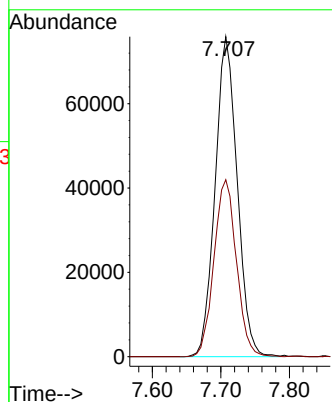
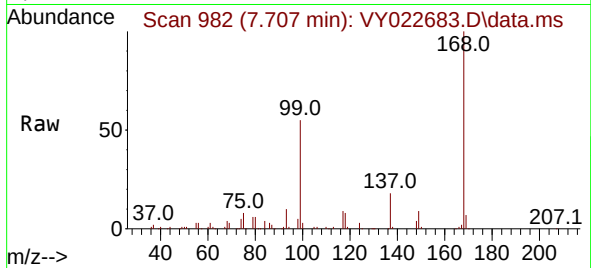




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022683.D
Acq: 13 Jun 2025 09:13

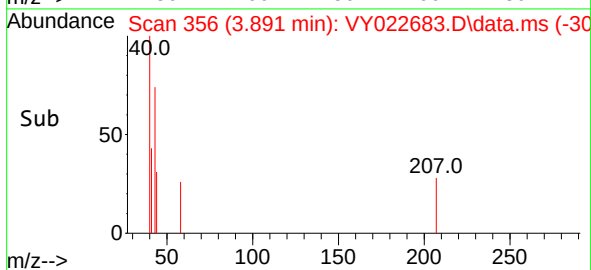
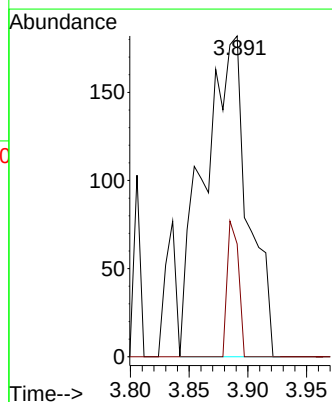
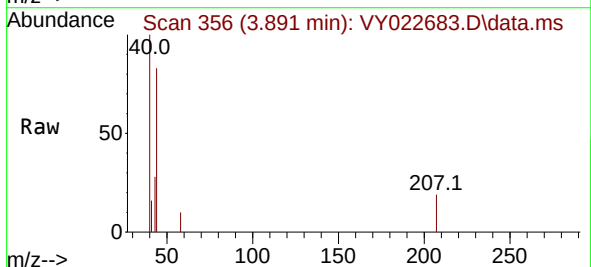
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBL01

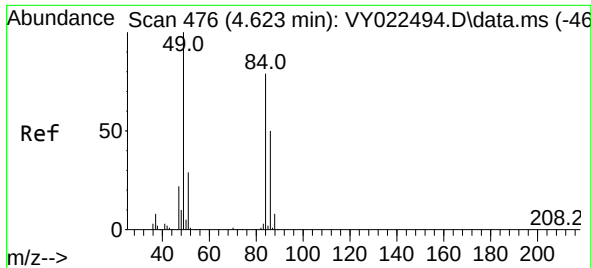
Tgt Ion:168 Resp: 169791
Ion Ratio Lower Upper
168 100
99 55.3 44.3 66.5



#16
Acetone
Concen: 1.239 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.012 min
Lab File: VY022683.D
Acq: 13 Jun 2025 09:13

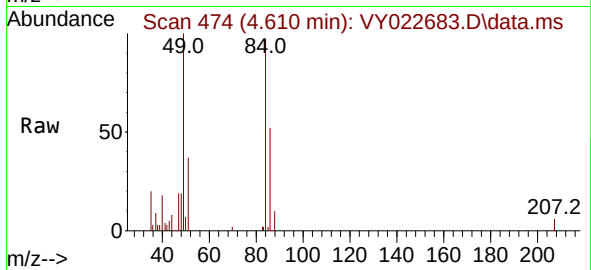
Tgt Ion: 43 Resp: 478
Ion Ratio Lower Upper
43 100
58 35.2 24.0 36.0



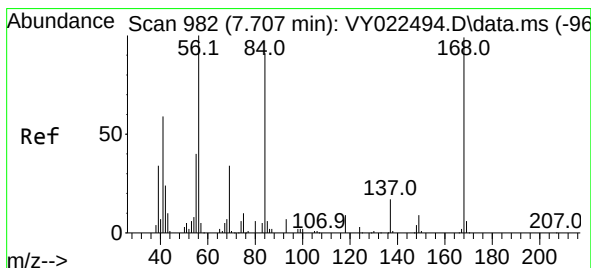
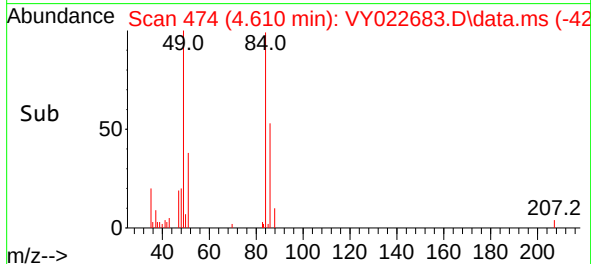
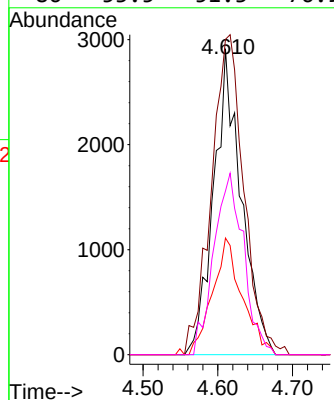


#20
Methylene Chloride
Concen: 3.416 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY022683.D
Acq: 13 Jun 2025 09:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBL01

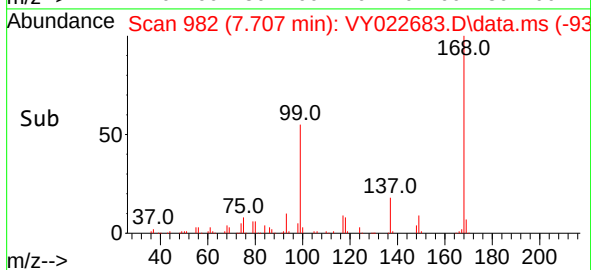
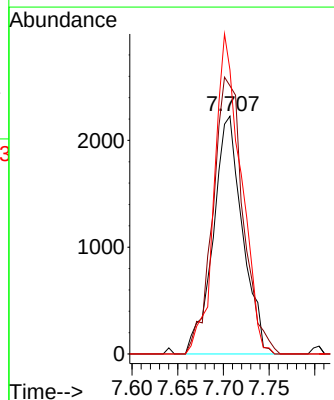
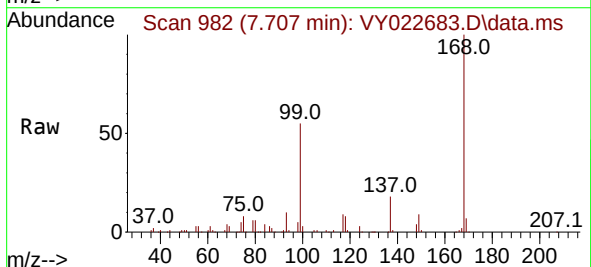


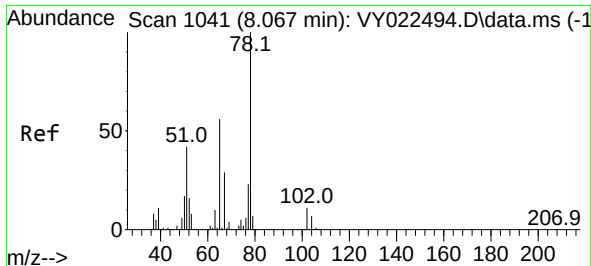
Tgt Ion:	84	Resp:	7484
Ion	Ratio	Lower	Upper
84	100		
49	103.1	101.9	152.9
51	38.1	29.8	44.8
86	53.5	51.3	76.9



#31
Cyclohexane
Concen: 1.365 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY022683.D
Acq: 13 Jun 2025 09:13

Tgt Ion:	56	Resp:	4981
Ion	Ratio	Lower	Upper
56	100		
69	112.8	27.0	40.6#
84	119.4	72.6	109.0#





#33

1,2-Dichloroethane-d4

Concen: 48.701 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VY022683.D

Acq: 13 Jun 2025 09:13

Instrument :

MSVOA_Y

ClientSampleId :

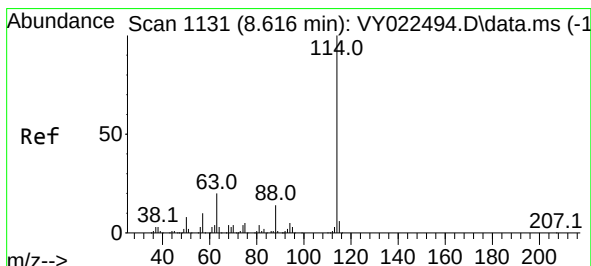
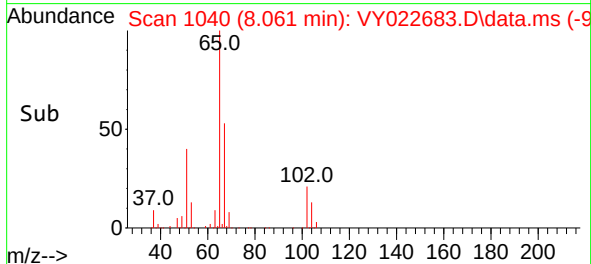
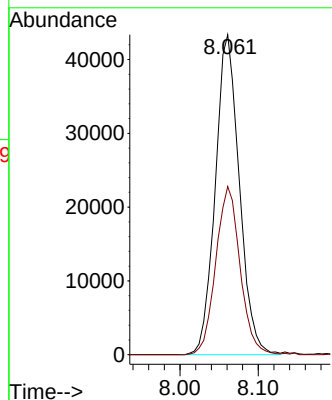
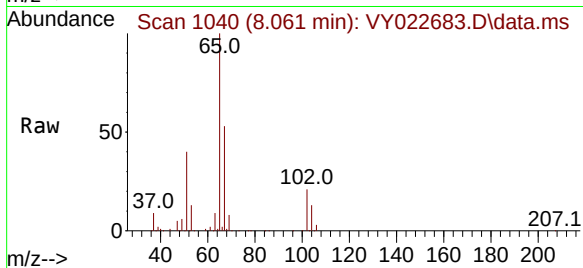
VY0613SBL01

Tgt Ion: 65 Resp: 92485

Ion Ratio Lower Upper

65 100

67 53.1 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022683.D

Acq: 13 Jun 2025 09:13

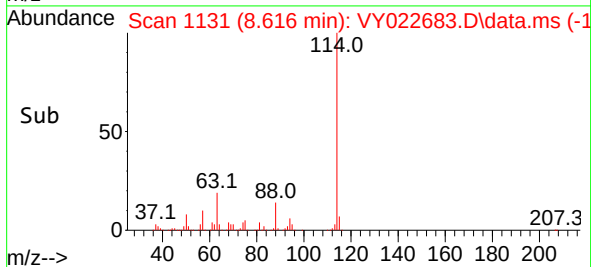
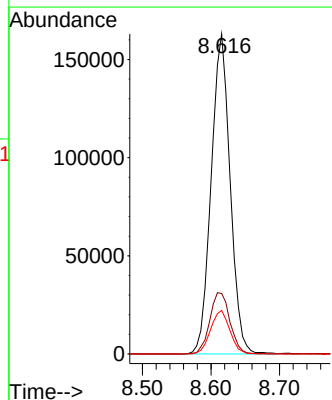
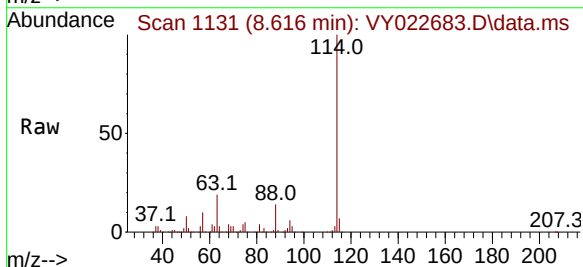
Tgt Ion: 114 Resp: 313555

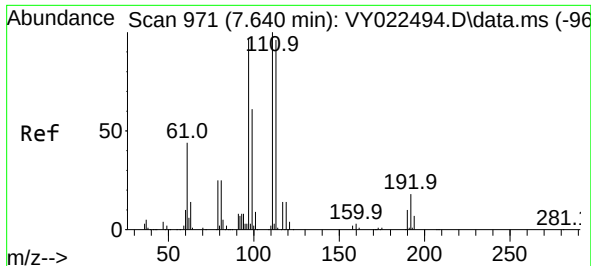
Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.8

88 13.6 0.0 27.8

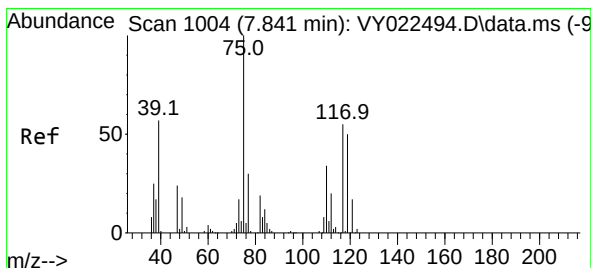
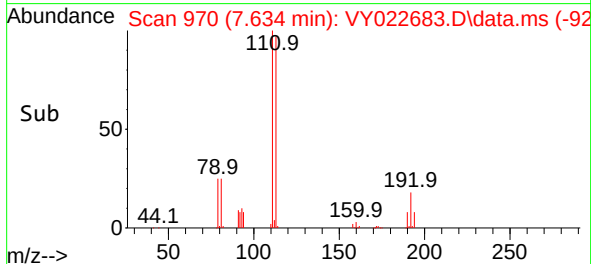
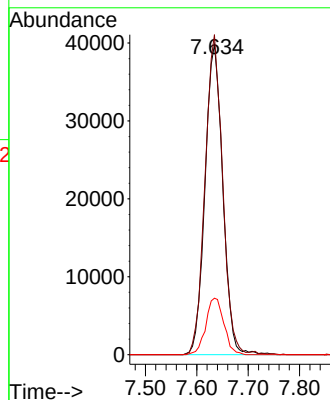
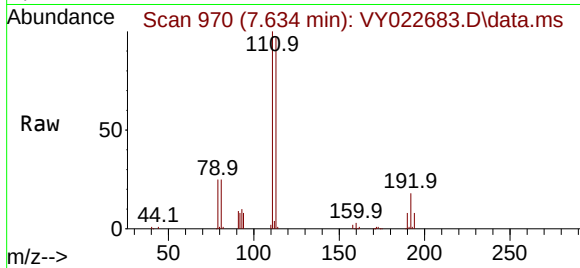




#35
Dibromofluoromethane
Concen: 51.008 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022683.D
Acq: 13 Jun 2025 09:13

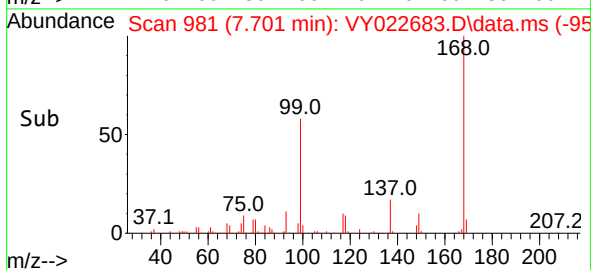
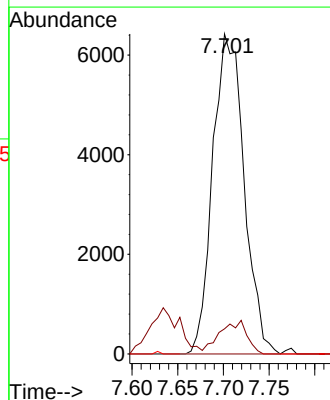
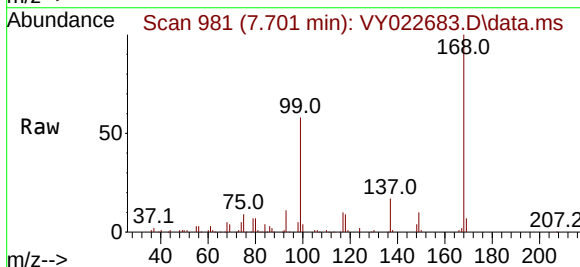
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBL01

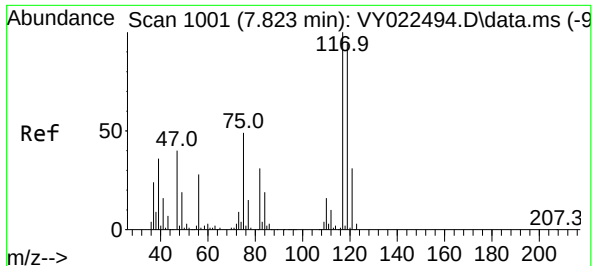
Tgt Ion:113 Resp: 95464
Ion Ratio Lower Upper
113 100
111 102.0 81.1 121.7
192 18.5 14.2 21.2



#36
1,1-Dichloropropene
Concen: 5.051 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.140 min
Lab File: VY022683.D
Acq: 13 Jun 2025 09:13

Tgt Ion: 75 Resp: 15344
Ion Ratio Lower Upper
75 100
110 9.0 16.9 50.7#
77 0.0 24.8 37.2#

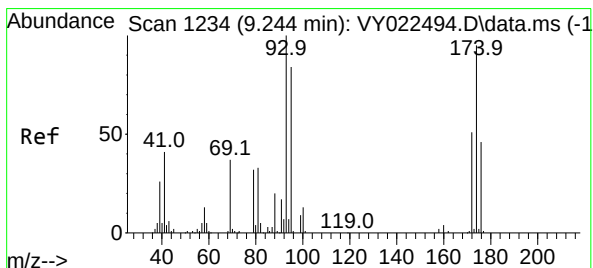
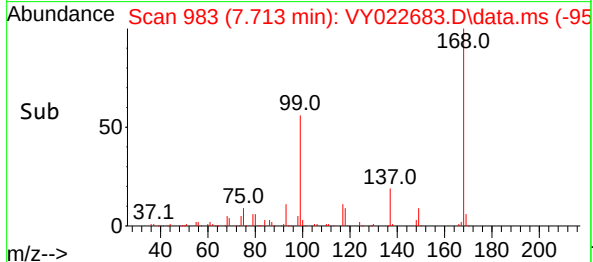
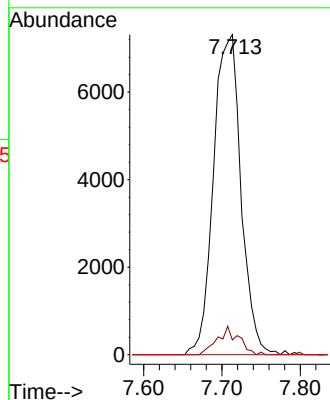
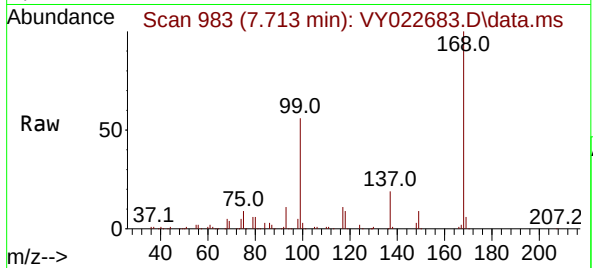




#38
Carbon Tetrachloride
Concen: 5.717 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY022683.D
Acq: 13 Jun 2025 09:13

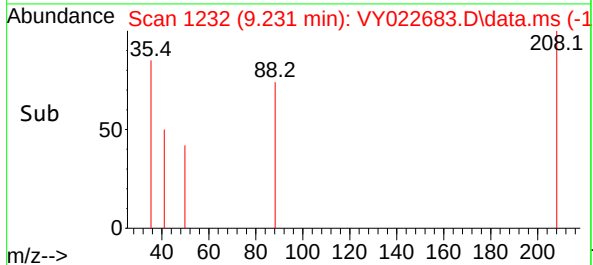
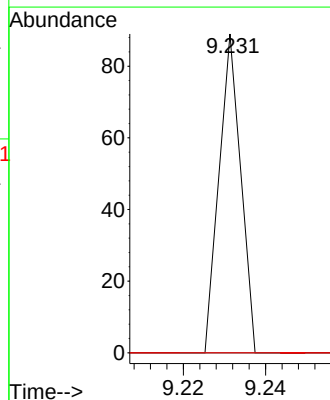
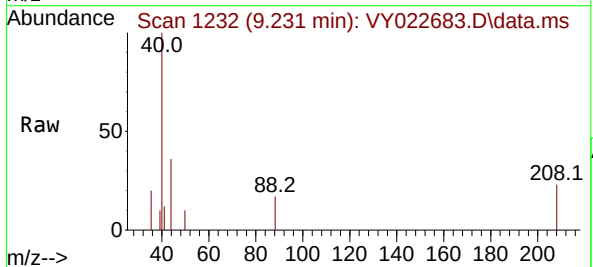
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBL01

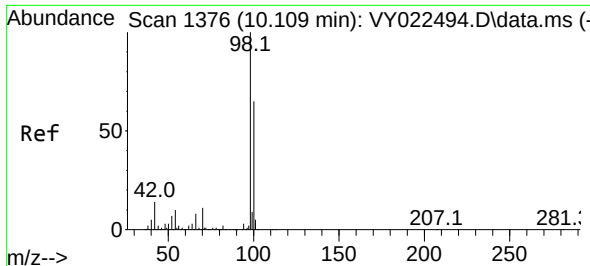
Tgt Ion:117 Resp: 17813
Ion Ratio Lower Upper
117 100
119 4.6 75.0 112.6#
121 0.0 25.0 37.4#



#49
1,4-Dioxane
Concen: 2.335 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.012 min
Lab File: VY022683.D
Acq: 13 Jun 2025 09:13

Tgt Ion: 88 Resp: 33
Ion Ratio Lower Upper
88 100
43 0.0 25.4 38.2#
58 0.0 54.9 82.3#

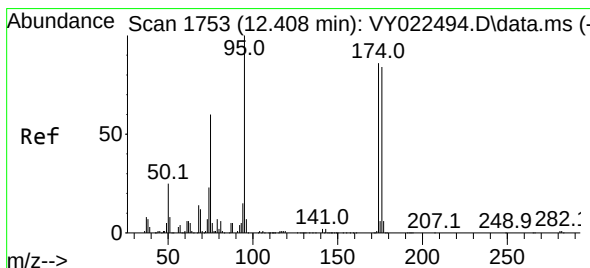
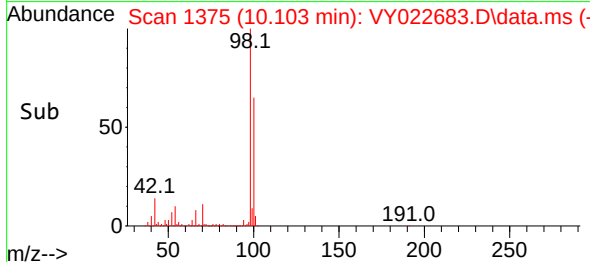
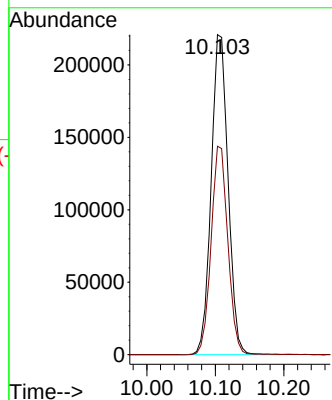
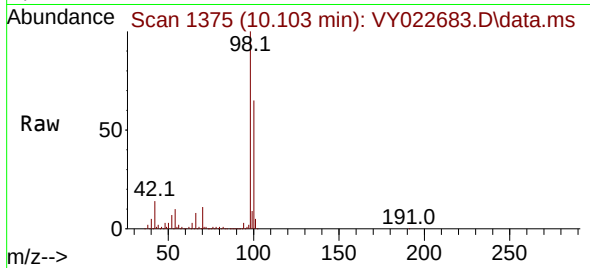




#50
Toluene-d8
Concen: 49.982 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022683.D
Acq: 13 Jun 2025 09:13

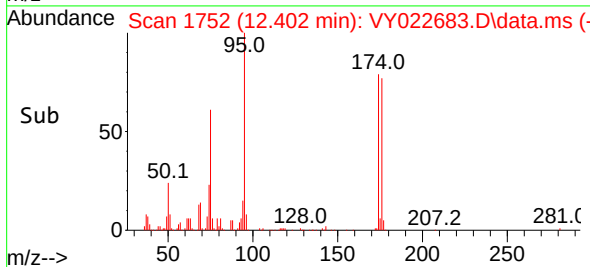
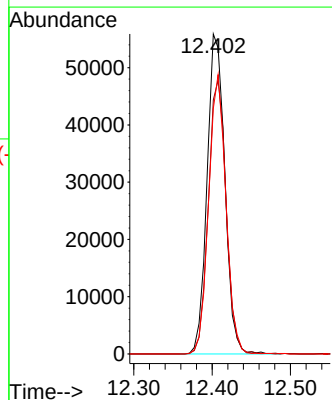
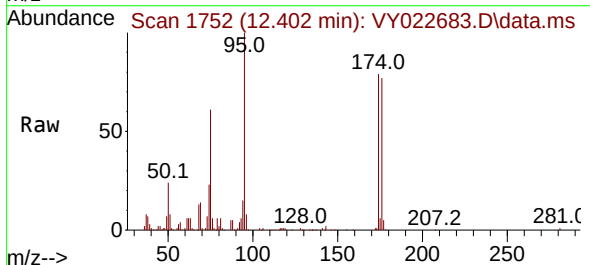
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBL01

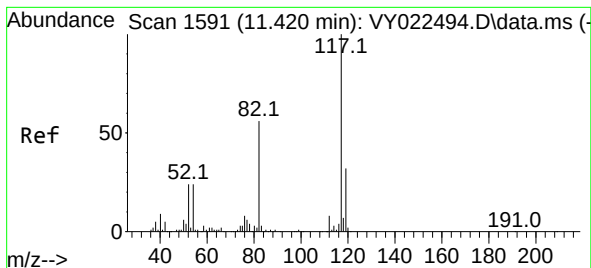
Tgt Ion: 98 Resp: 377974
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 38.981 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022683.D
Acq: 13 Jun 2025 09:13

Tgt Ion: 95 Resp: 87831
Ion Ratio Lower Upper
95 100
174 86.1 0.0 170.0
176 84.8 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022683.D

Acq: 13 Jun 2025 09:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBL01

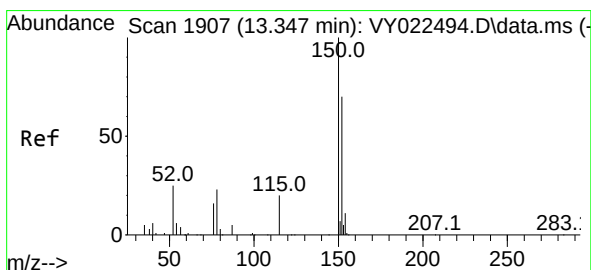
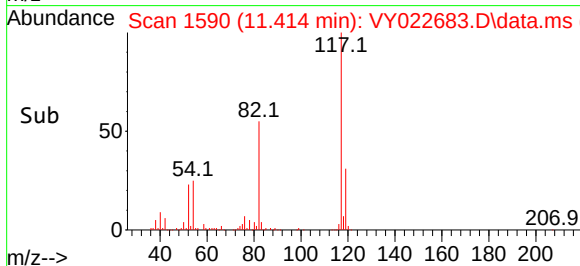
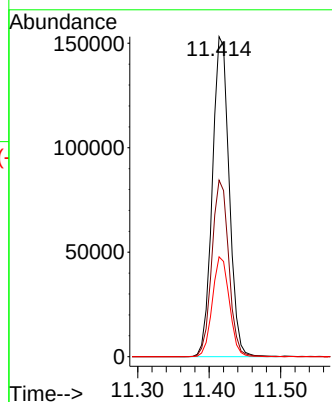
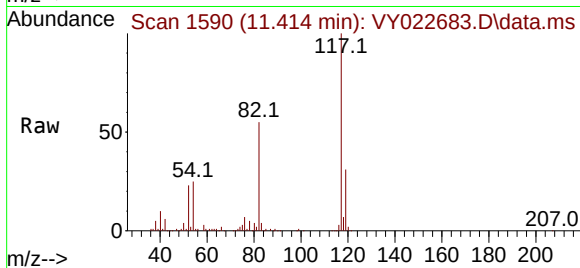
Tgt Ion:117 Resp: 249938

Ion Ratio Lower Upper

117 100

82 55.2 44.6 66.8

119 31.2 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022683.D

Acq: 13 Jun 2025 09:13

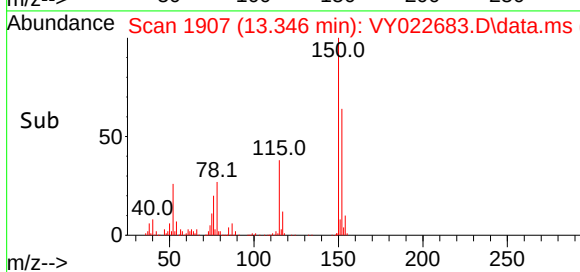
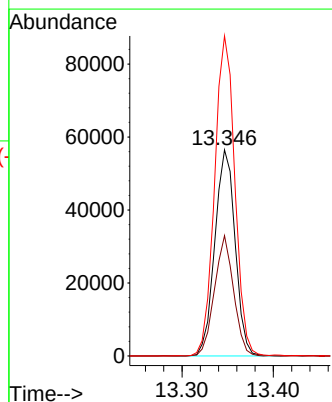
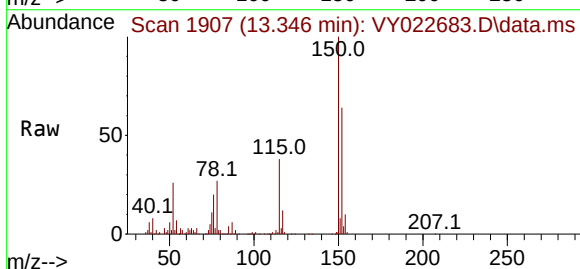
Tgt Ion:152 Resp: 87111

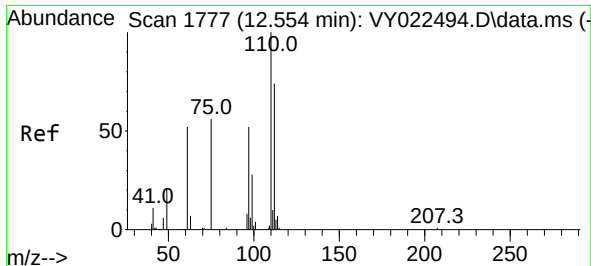
Ion Ratio Lower Upper

152 100

115 55.1 28.9 86.7

150 154.9 0.0 349.6

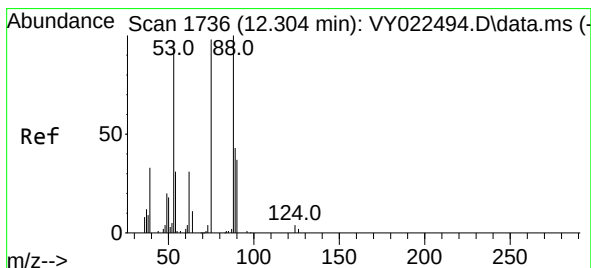
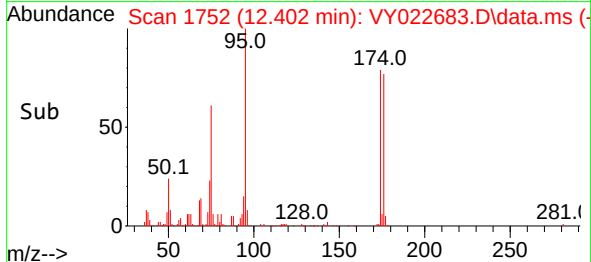
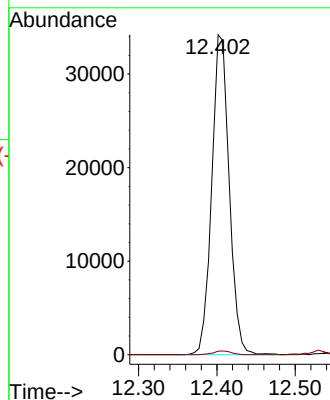
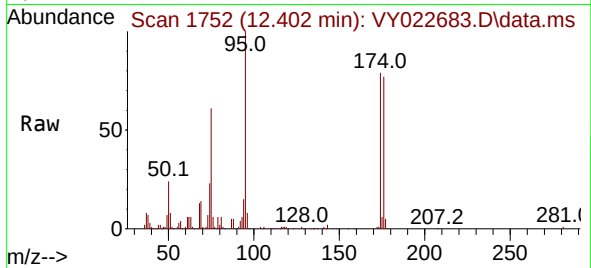




#76
1,2,3-Trichloropropane
Concen: 53.145 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.153 min
Lab File: VY022683.D
Acq: 13 Jun 2025 09:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBL01

Tgt Ion: 75 Resp: 52963
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.341 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.097 min
Lab File: VY022683.D
Acq: 13 Jun 2025 09:13

Tgt Ion: 75 Resp: 52963
Ion Ratio Lower Upper
75 100
53 0.1 78.5 117.7#
89 0.1 35.7 53.5#

