

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032825\
 Data File : VY021683.D
 Acq On : 28 Mar 2025 11:21
 Operator : SY/MD
 Sample : VY0328SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0328SBL01

Quant Time: Mar 28 23:40:01 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)

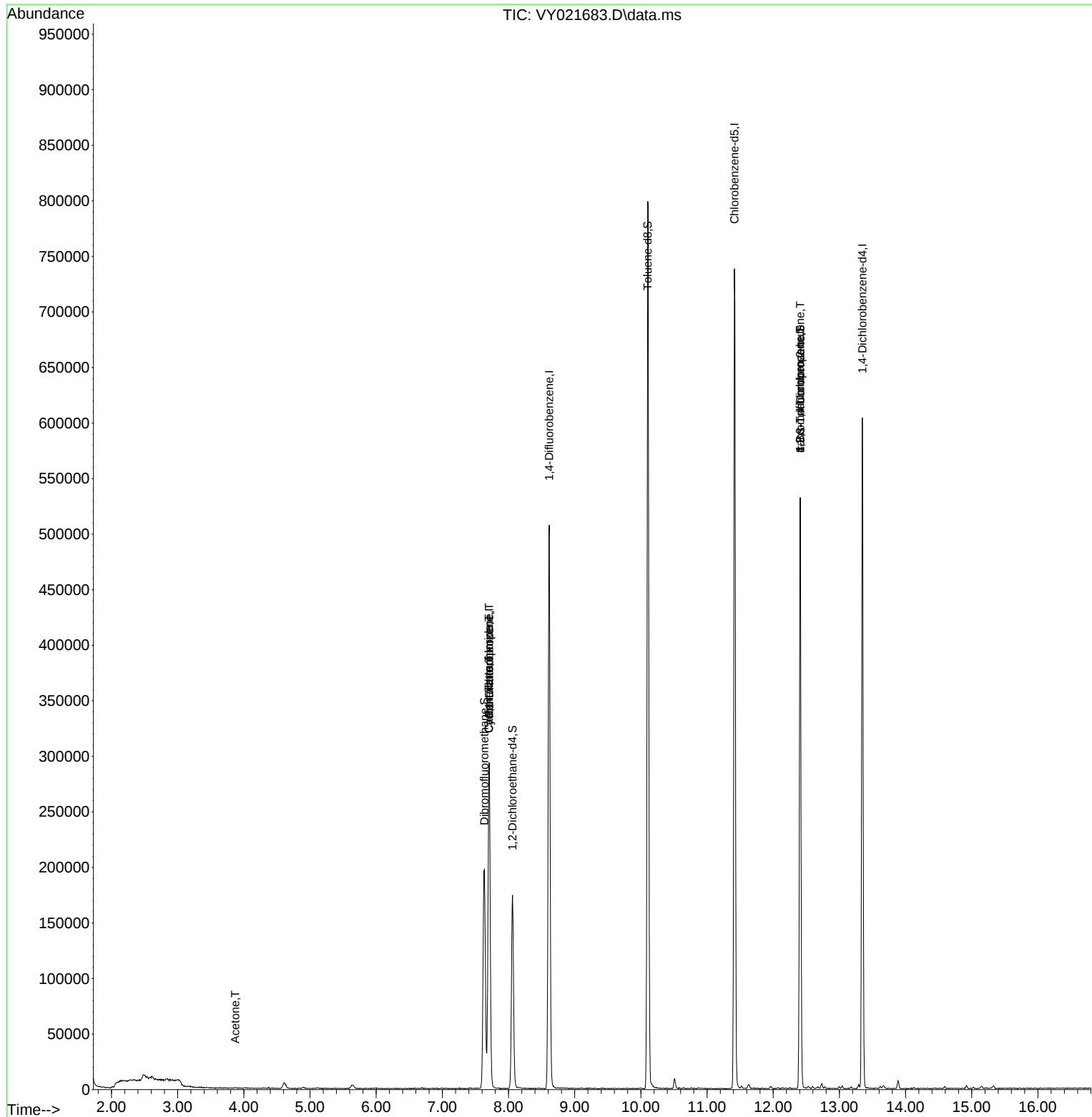
Internal Standards						
1) Pentafluorobenzene	7.707	168	225314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	417248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	381501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	144468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	135549	55.525	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.060%	
35) Dibromofluoromethane	7.634	113	142365	52.599	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.200%	
50) Toluene-d8	10.103	98	514834	49.999	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.000%	
62) 4-Bromofluorobenzene	12.408	95	153338	44.026	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.060%	
Target Compounds						
					Qvalue	
16) Acetone	3.872	43	869	1.739	ug/l	93
20) Methylene Chloride	4.604	84	3759	Below Cal	#	77
31) Cyclohexane	7.701	56	5008	1.162	ug/l #	32
36) 1,1-Dichloropropene	7.707	75	18041	4.376	ug/l #	51
38) Carbon Tetrachloride	7.701	117	23453	4.967	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	83360	58.210	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	83360	134.126	ug/l #	12

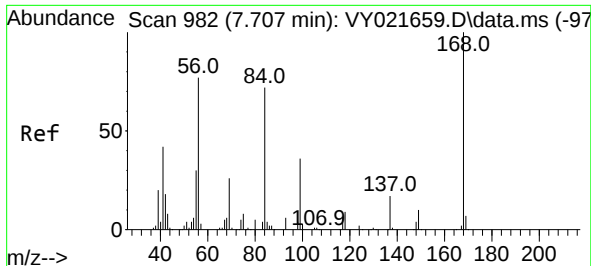
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032825\
Data File : VY021683.D
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBL01

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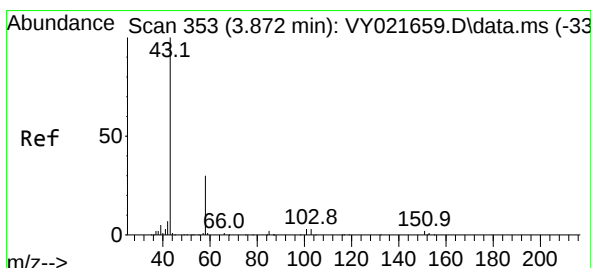
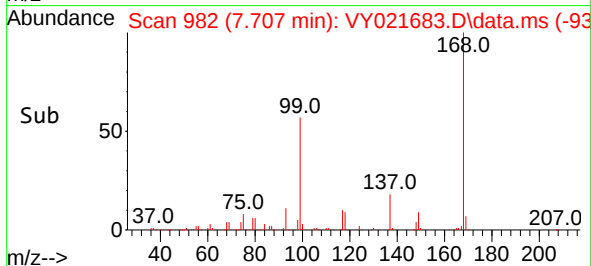
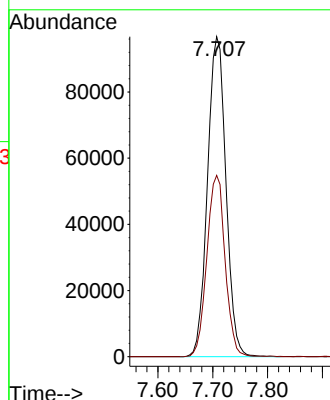
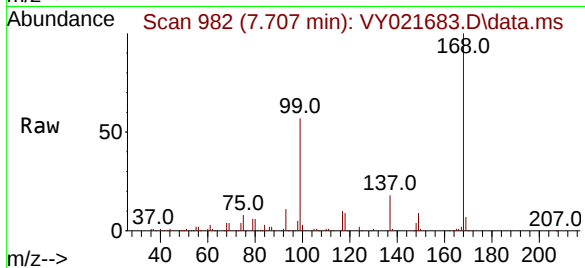




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021683.D
Acq: 28 Mar 2025 11:21

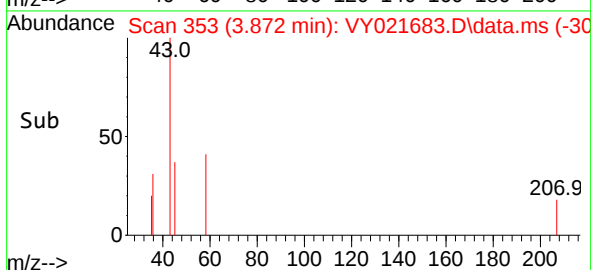
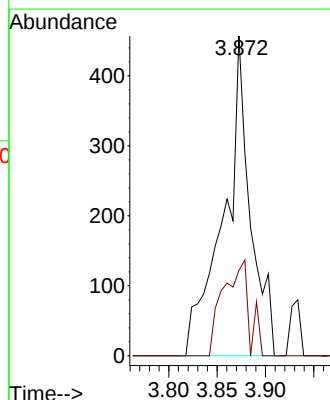
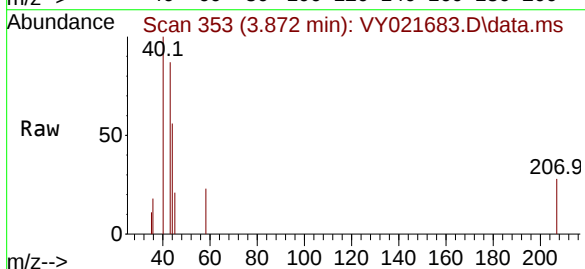
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBL01

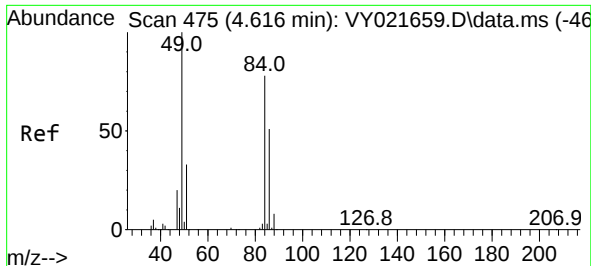
Tgt Ion:168 Resp: 225314
Ion Ratio Lower Upper
168 100
99 56.7 46.7 70.1



#16
Acetone
Concen: 1.739 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021683.D
Acq: 28 Mar 2025 11:21

Tgt Ion: 43 Resp: 869
Ion Ratio Lower Upper
43 100
58 26.7 24.2 36.4

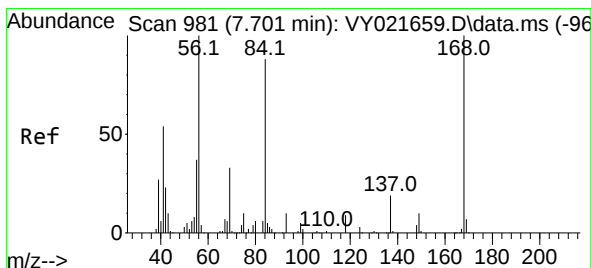
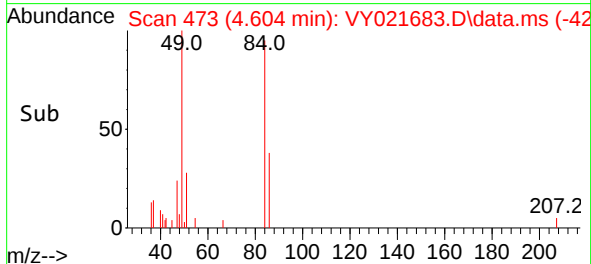
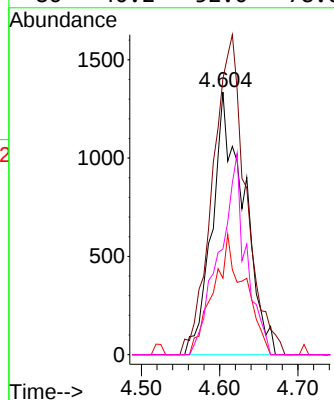
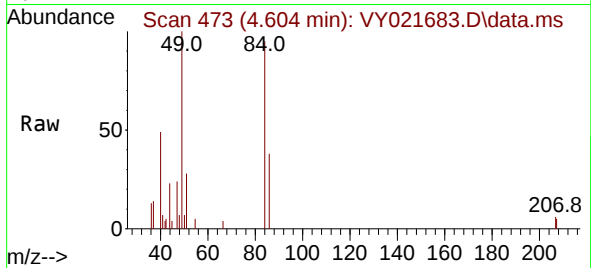




#20
Methylene Chloride
Concen: Below Cal
RT: 4.604 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY021683.D
Acq: 28 Mar 2025 11:21

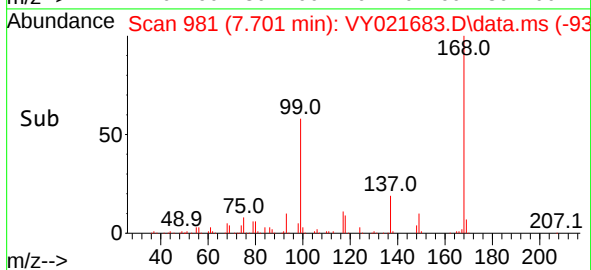
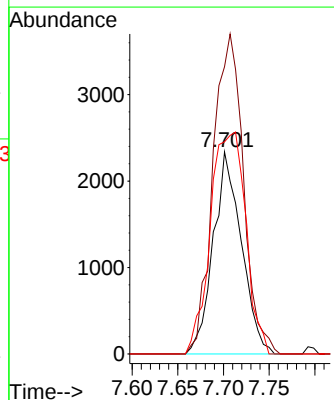
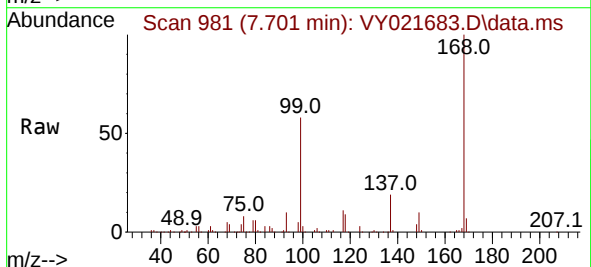
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBL01

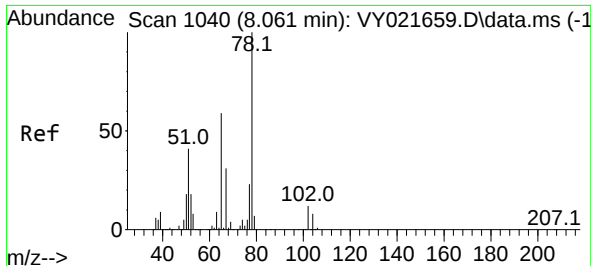
Tgt Ion:	84	Resp:	3759
Ion	Ratio	Lower	Upper
84	100		
49	105.1	102.8	154.2
51	29.1	33.5	50.3#
86	40.2	52.0	78.0#



#31
Cyclohexane
Concen: 1.162 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021683.D
Acq: 28 Mar 2025 11:21

Tgt Ion:	56	Resp:	5008
Ion	Ratio	Lower	Upper
56	100		
69	142.1	26.6	40.0#
84	105.0	69.0	103.4#

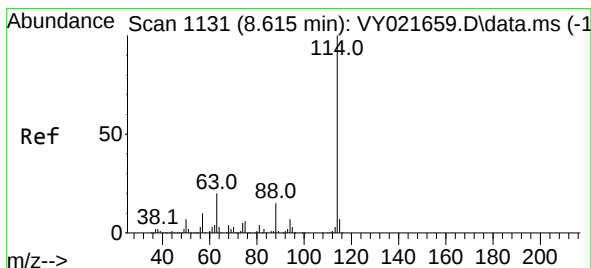
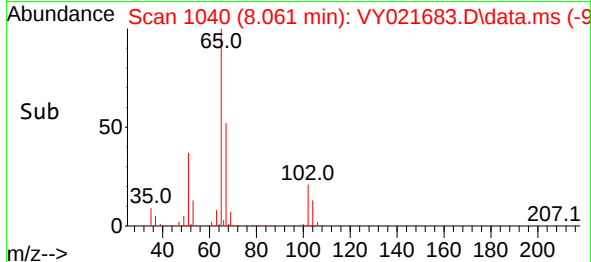
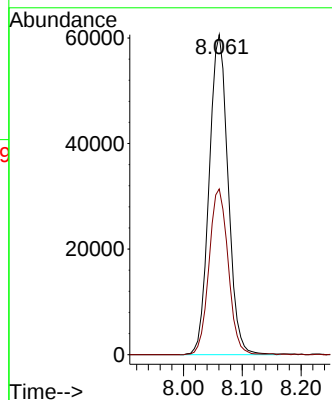
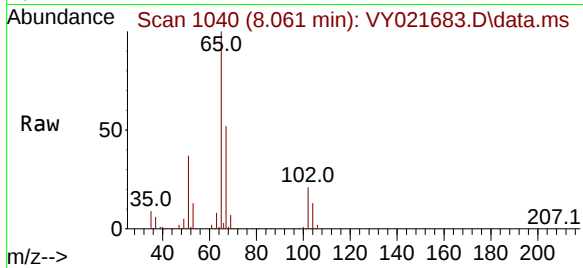




#33
1,2-Dichloroethane-d4
Concen: 55.525 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021683.D
Acq: 28 Mar 2025 11:21

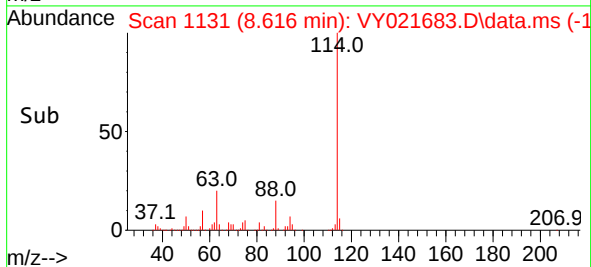
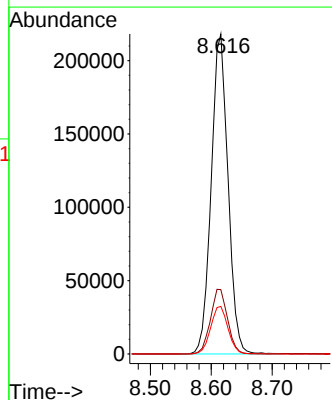
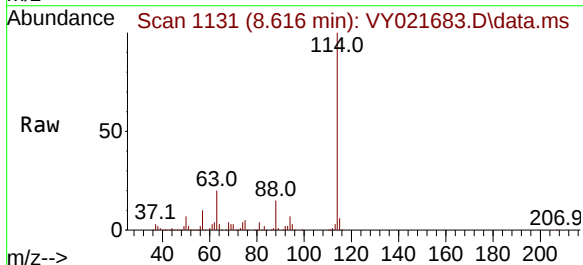
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBL01

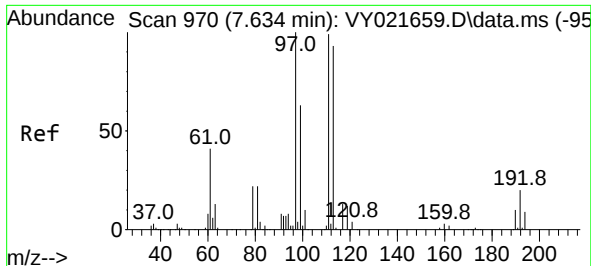
Tgt Ion: 65 Resp: 135549
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021683.D
Acq: 28 Mar 2025 11:21

Tgt Ion: 114 Resp: 417248
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.2
88 14.9 0.0 29.8





#35

Dibromofluoromethane

Concen: 52.599 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY021683.D

Acq: 28 Mar 2025 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBL01

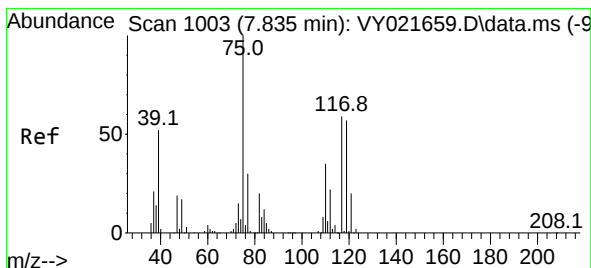
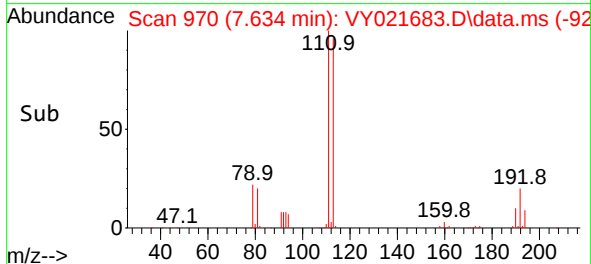
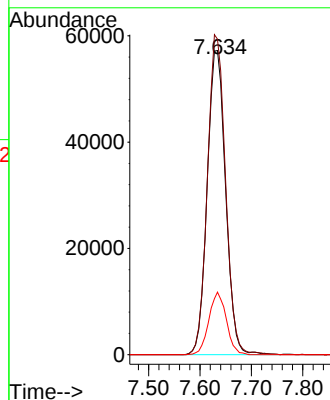
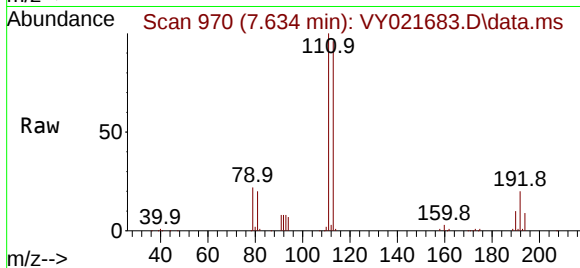
Tgt Ion:113 Resp: 142365

Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

192 19.5 16.2 24.4



#36

1,1-Dichloropropene

Concen: 4.376 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY021683.D

Acq: 28 Mar 2025 11:21

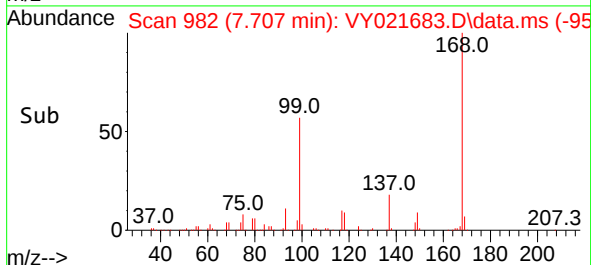
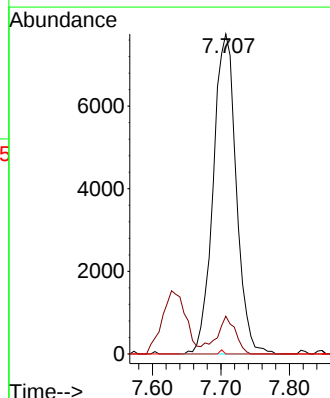
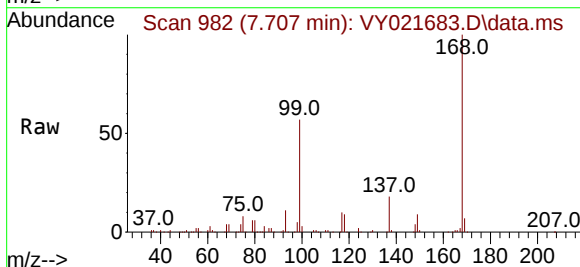
Tgt Ion: 75 Resp: 18041

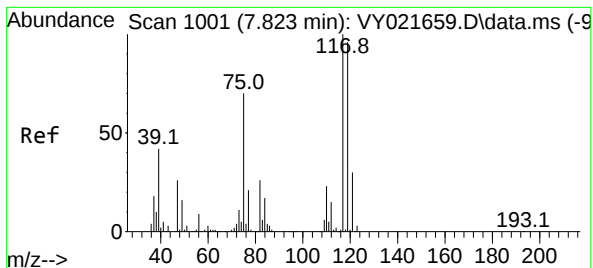
Ion Ratio Lower Upper

75 100

110 9.7 17.0 50.9#

77 0.2 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 4.967 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY021683.D

Acq: 28 Mar 2025 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBL01

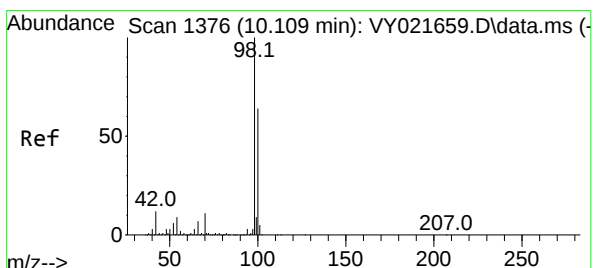
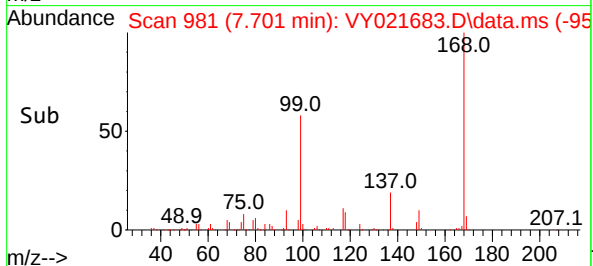
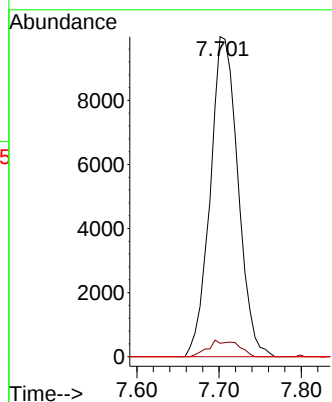
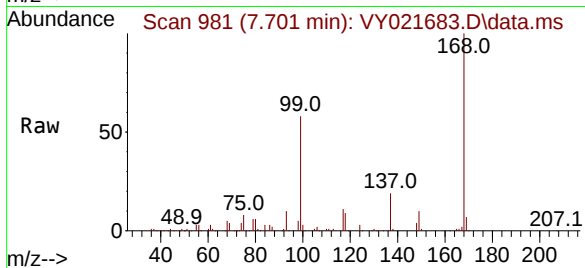
Tgt Ion:117 Resp: 23453

Ion Ratio Lower Upper

117 100

119 4.2 76.2 114.4#

121 0.0 24.2 36.4#



#50

Toluene-d8

Concen: 49.999 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021683.D

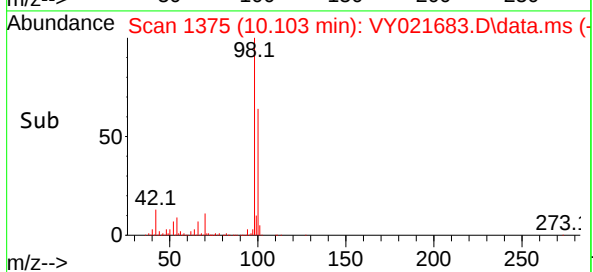
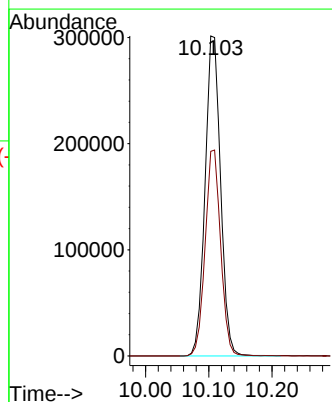
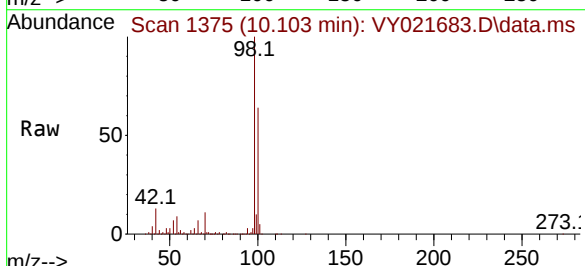
Acq: 28 Mar 2025 11:21

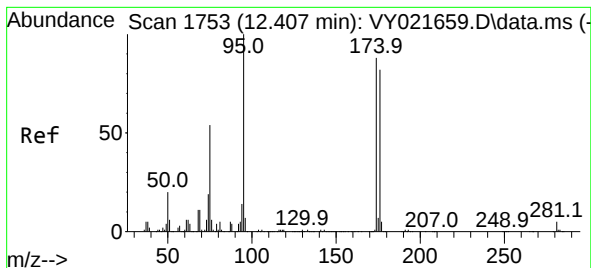
Tgt Ion: 98 Resp: 514834

Ion Ratio Lower Upper

98 100

100 64.3 52.1 78.1

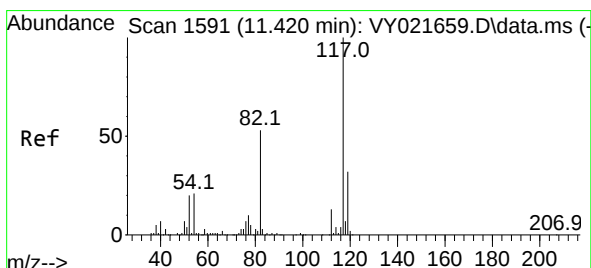
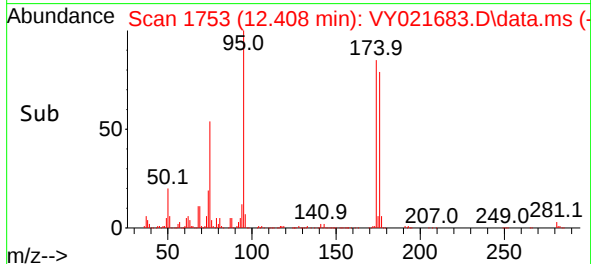
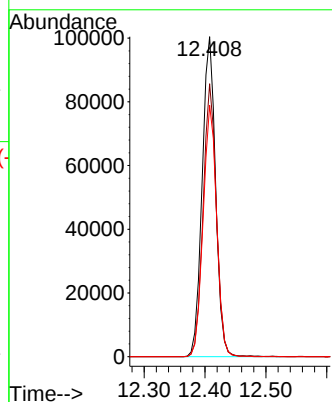
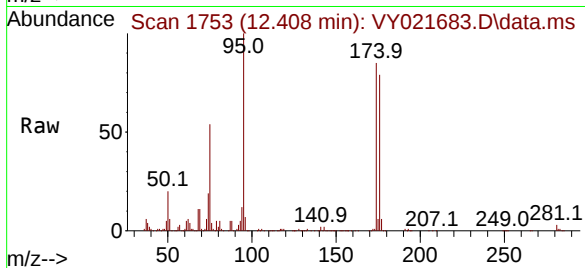




#62
4-Bromofluorobenzene
Concen: 44.026 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021683.D
Acq: 28 Mar 2025 11:21

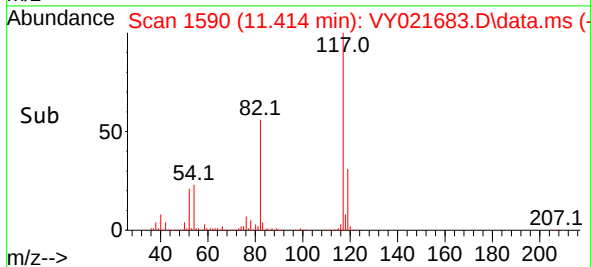
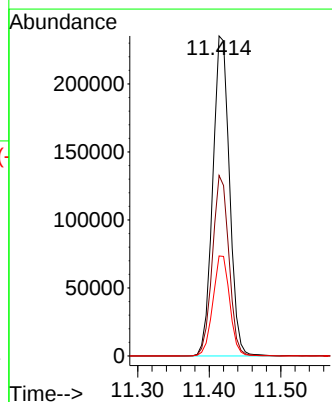
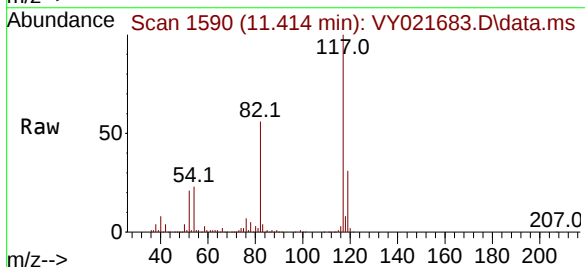
Instrument :
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VY0328SBL01

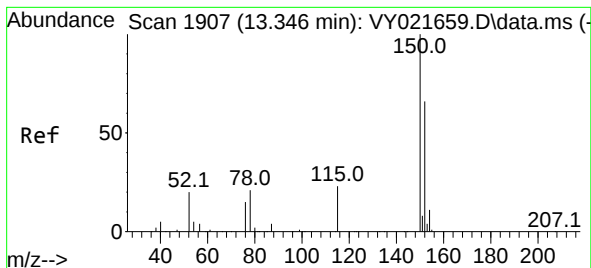
Tgt Ion: 95 Resp: 153338
Ion Ratio Lower Upper
95 100
174 84.3 0.0 170.8
176 79.3 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021683.D
Acq: 28 Mar 2025 11:21

Tgt Ion: 117 Resp: 381501
Ion Ratio Lower Upper
117 100
82 56.4 42.8 64.2
119 31.2 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: VY021683.D

Acq: 28 Mar 2025 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBL01

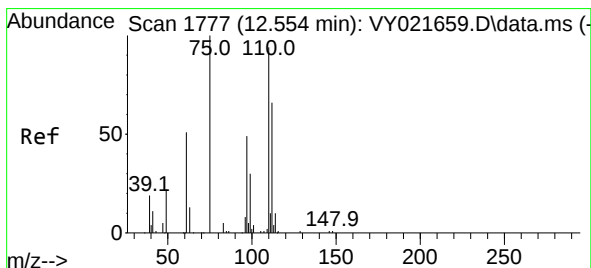
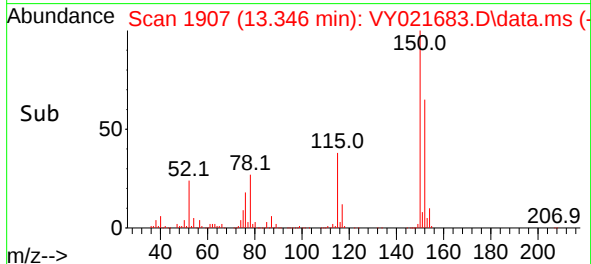
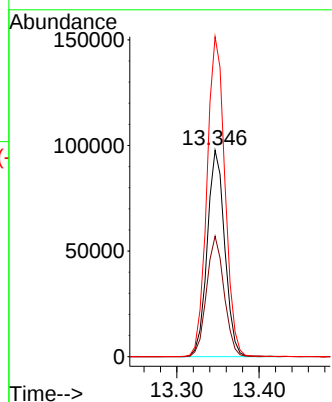
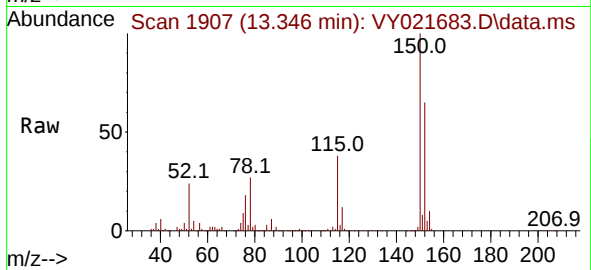
Tgt Ion:152 Resp: 144468

Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 159.0 0.0 348.4



#76

1,2,3-Trichloropropane

Concen: 58.210 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY021683.D

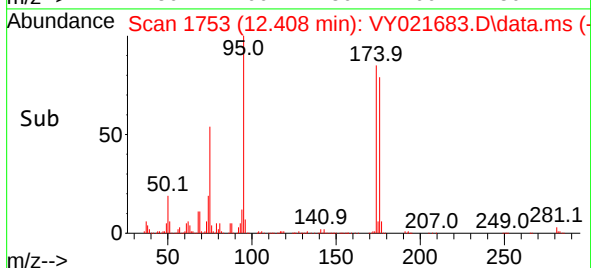
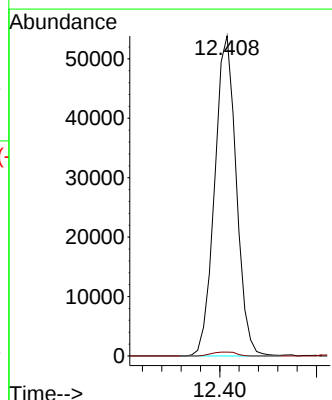
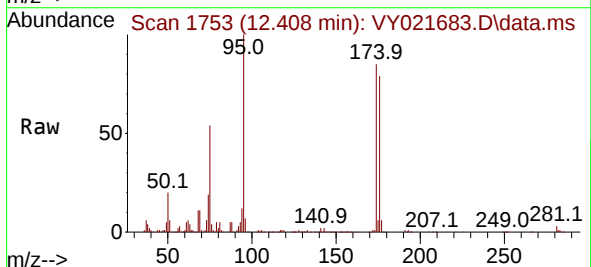
Acq: 28 Mar 2025 11:21

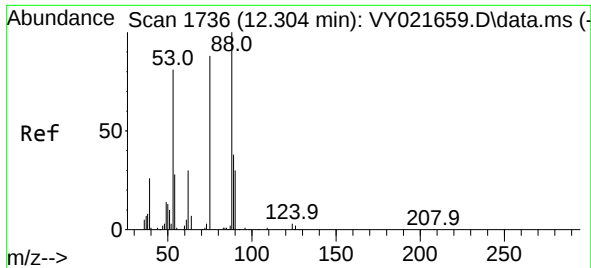
Tgt Ion: 75 Resp: 83360

Ion Ratio Lower Upper

75 100

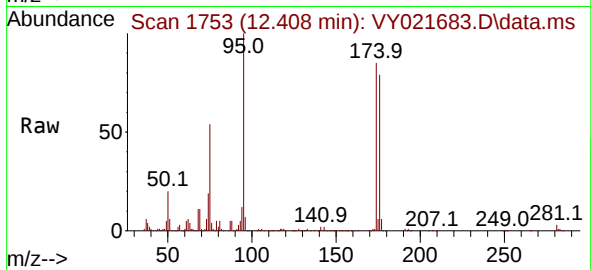
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 134.126 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY021683.D
Acq: 28 Mar 2025 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBL01



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	76.1	114.1#
89	0.2	36.2	54.4#

