

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
 Data File : VY021321.D
 Acq On : 26 Feb 2025 10:50
 Operator : SY/MD
 Sample : VY0226SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBL01

Quant Time: Feb 27 00:34:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

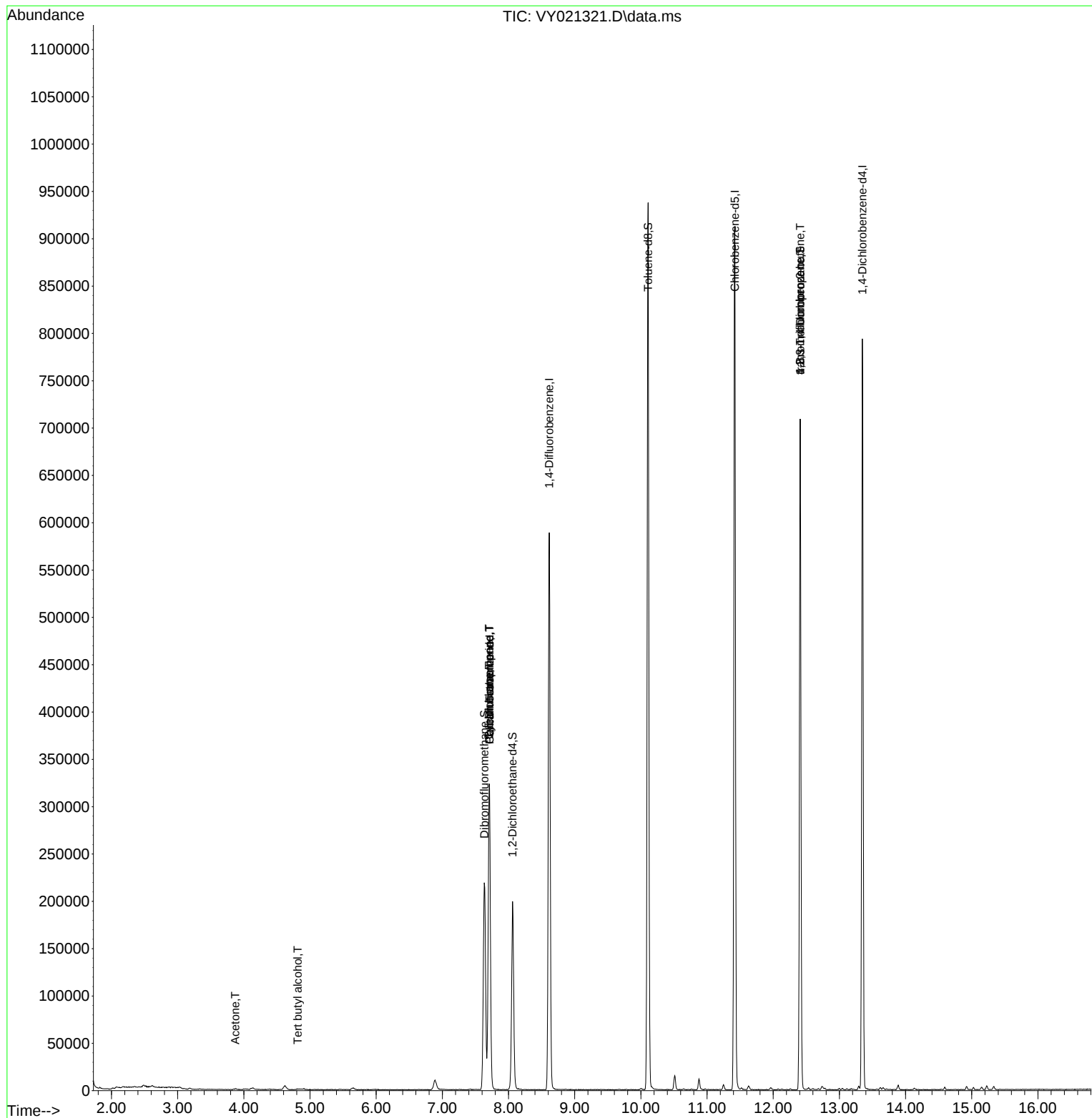
Internal Standards						
1) Pentafluorobenzene	7.713	168	251129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	483695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	470141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	192201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	151228	53.084	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.160%	
35) Dibromofluoromethane	7.634	113	156988	49.505	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.020%	
50) Toluene-d8	10.109	98	601618	49.089	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.180%	
62) 4-Bromofluorobenzene	12.407	95	206622	50.096	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.200%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.811	59	404	1.844	ug/l #	72
16) Acetone	3.872	43	1369	2.505	ug/l	96
31) Cyclohexane	7.707	56	5676	1.130	ug/l #	8
36) 1,1-Dichloropropene	7.707	75	20302	4.262	ug/l #	51
38) Carbon Tetrachloride	7.713	117	25811	4.820	ug/l #	16
76) 1,2,3-Trichloropropane	12.407	75	114551	59.543	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	114551	132.343	ug/l #	10

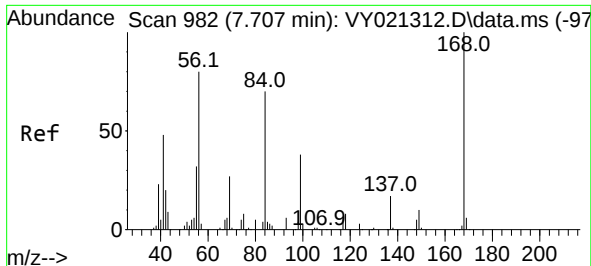
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
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ALS Vial : 5 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :
VY0226SBL01

Quant Time: Feb 27 00:34:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

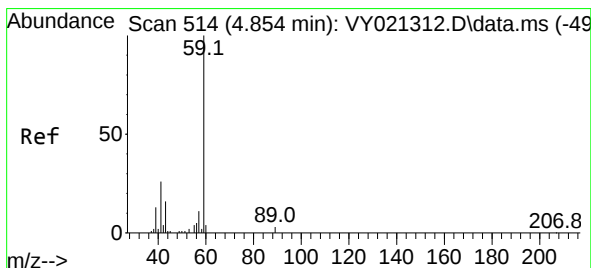
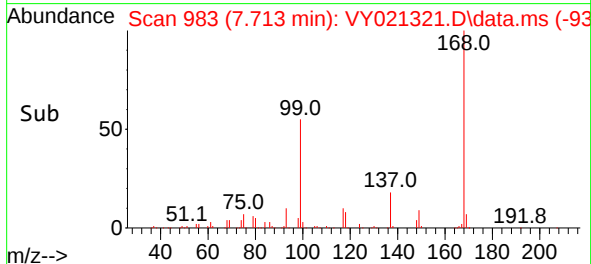
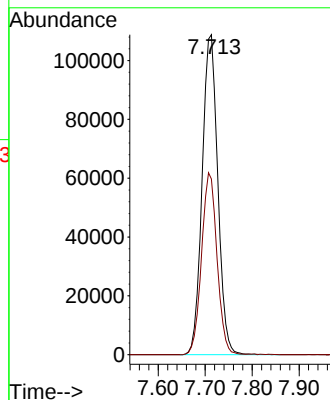
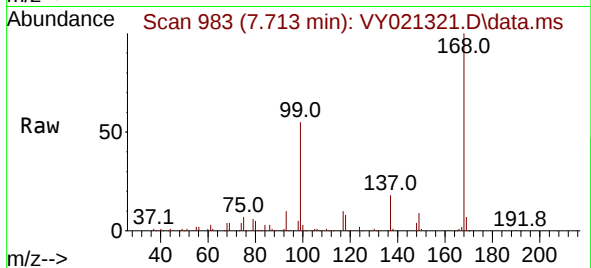




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021321.D
Acq: 26 Feb 2025 10:50

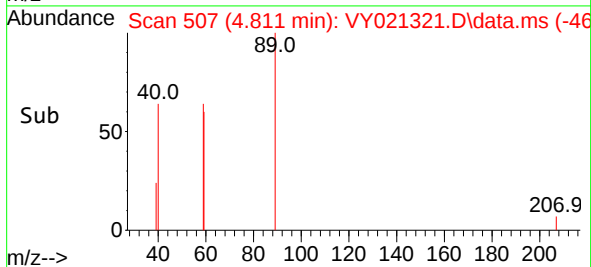
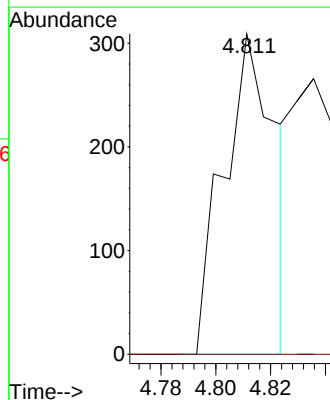
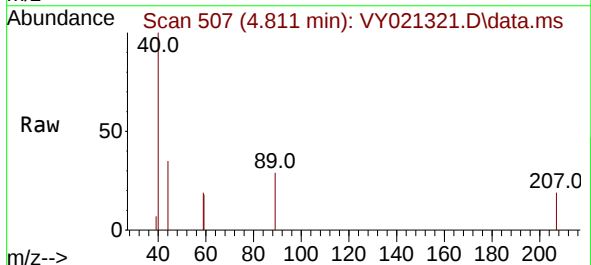
Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBL01

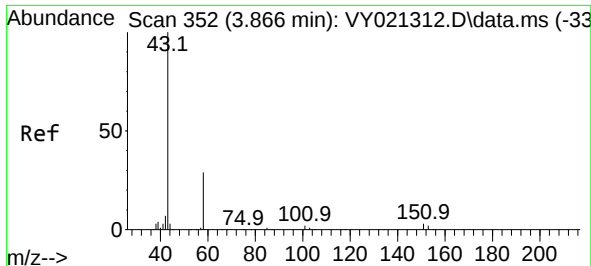
Tgt Ion:168 Resp: 251129
Ion Ratio Lower Upper
168 100
99 54.9 47.1 70.7



#11
Tert butyl alcohol
Concen: 1.844 ug/l
RT: 4.811 min Scan# 507
Delta R.T. -0.043 min
Lab File: VY021321.D
Acq: 26 Feb 2025 10:50

Tgt Ion: 59 Resp: 404
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16

Acetone

Concen: 2.505 ug/l

RT: 3.872 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY021321.D

Acq: 26 Feb 2025 10:50

Instrument :

MSVOA_Y

ClientSampleId :

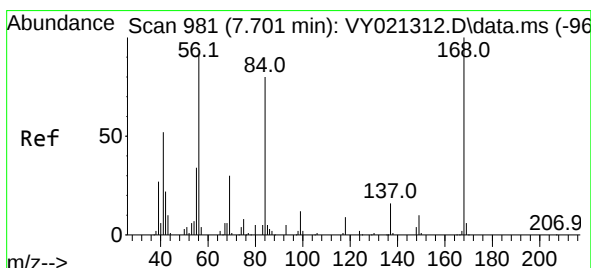
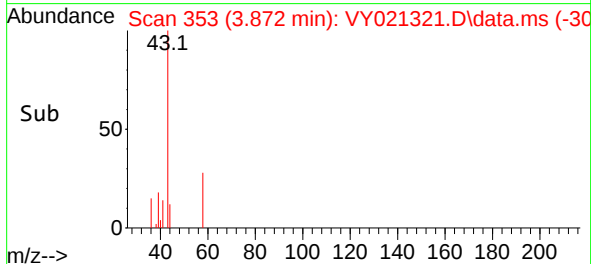
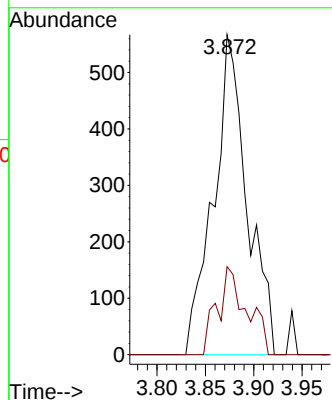
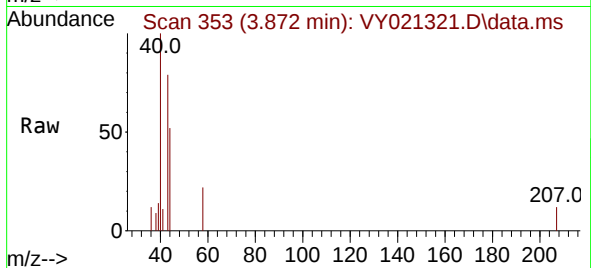
VY0226SBL01

Tgt Ion: 43 Resp: 1369

Ion Ratio Lower Upper

43 100

58 27.5 23.5 35.3



#31

Cyclohexane

Concen: 1.130 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.006 min

Lab File: VY021321.D

Acq: 26 Feb 2025 10:50

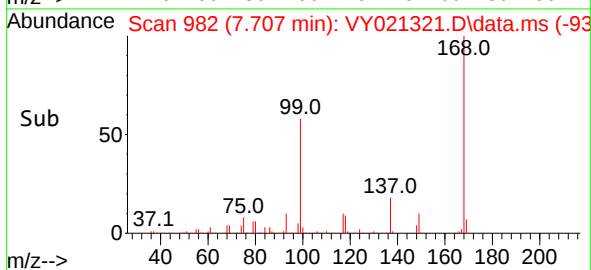
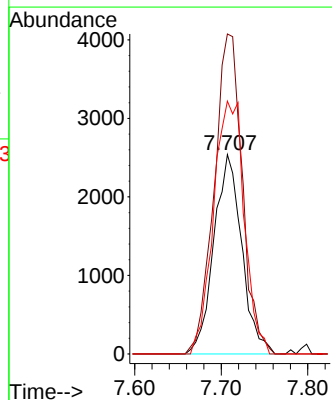
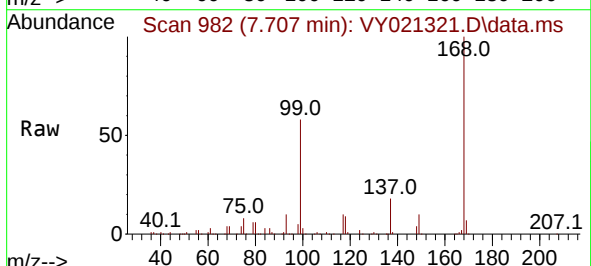
Tgt Ion: 56 Resp: 5676

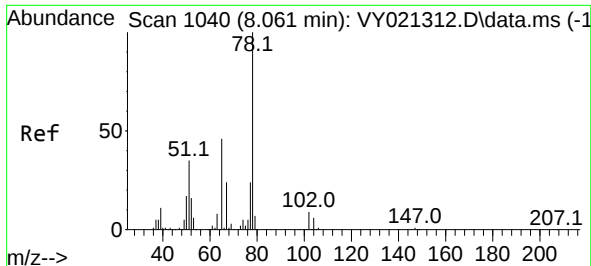
Ion Ratio Lower Upper

56 100

69 160.5 26.2 39.4#

84 126.8 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 53.084 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021321.D

Acq: 26 Feb 2025 10:50

Instrument :

MSVOA_Y

ClientSampleId :

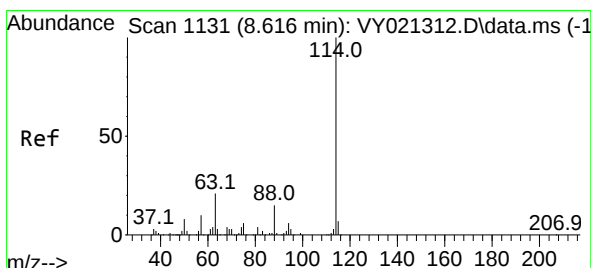
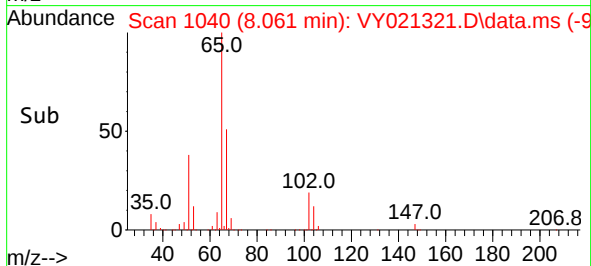
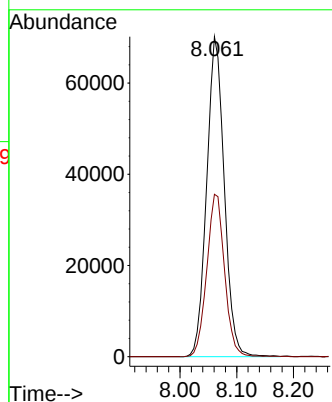
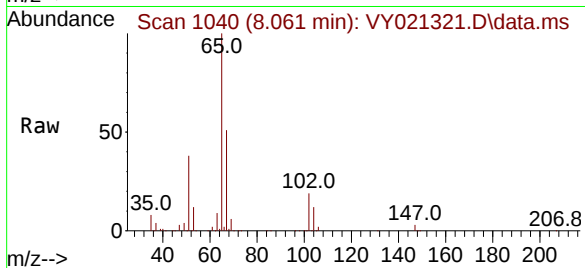
VY0226SBL01

Tgt Ion: 65 Resp: 151228

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY021321.D

Acq: 26 Feb 2025 10:50

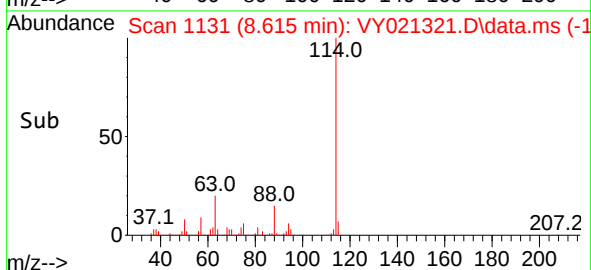
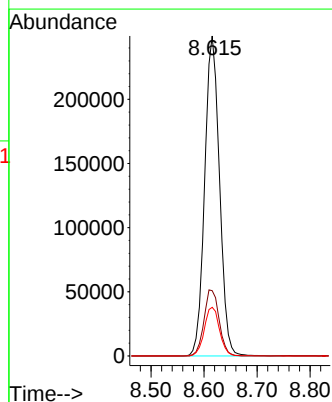
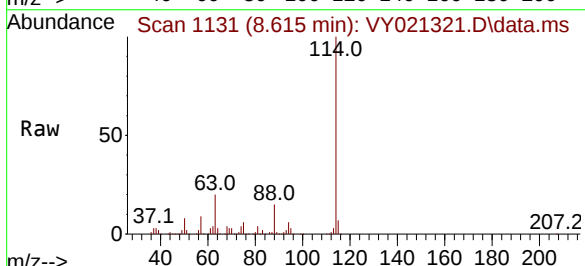
Tgt Ion: 114 Resp: 483695

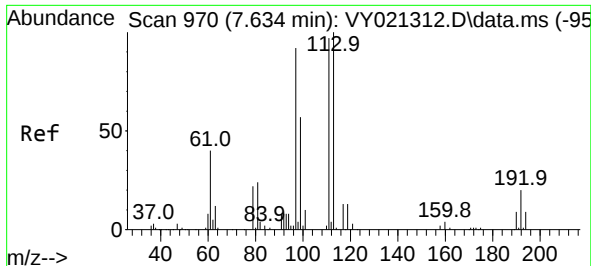
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.2

88 15.2 0.0 29.8

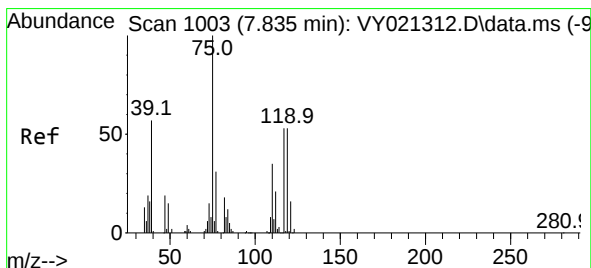
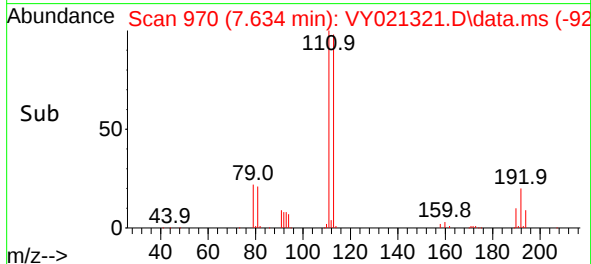
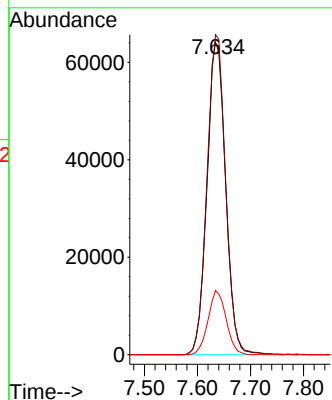
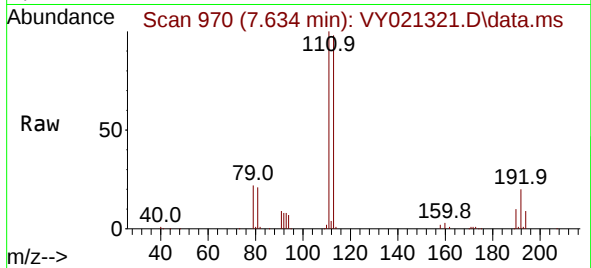




#35
Dibromofluoromethane
Concen: 49.505 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021321.D
Acq: 26 Feb 2025 10:50

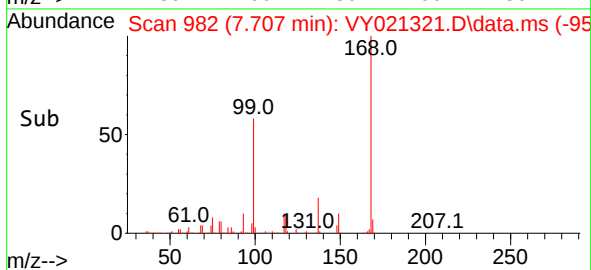
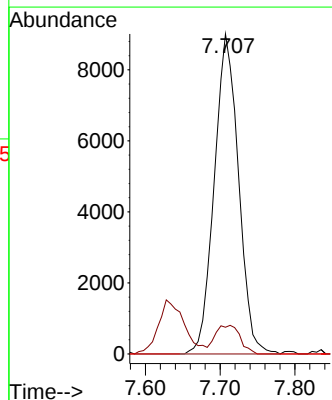
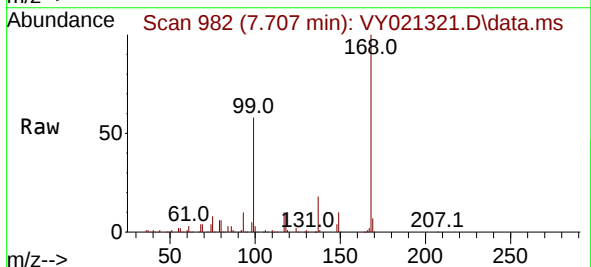
Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBL01

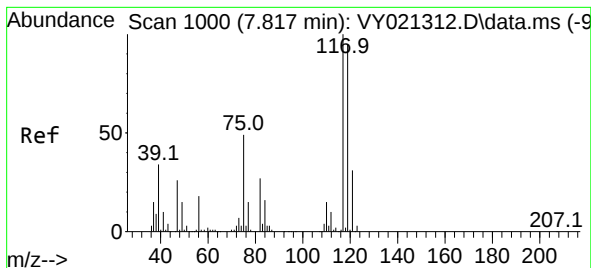
Tgt Ion:113 Resp: 156988
Ion Ratio Lower Upper
113 100
111 102.0 81.0 121.6
192 19.8 15.8 23.8



#36
1,1-Dichloropropene
Concen: 4.262 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY021321.D
Acq: 26 Feb 2025 10:50

Tgt Ion: 75 Resp: 20302
Ion Ratio Lower Upper
75 100
110 9.2 16.9 50.7#
77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 4.820 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.104 min

Lab File: VY021321.D

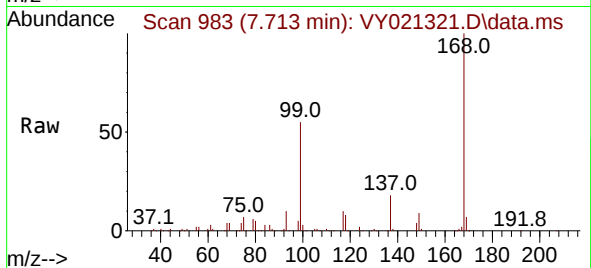
Acq: 26 Feb 2025 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBL01



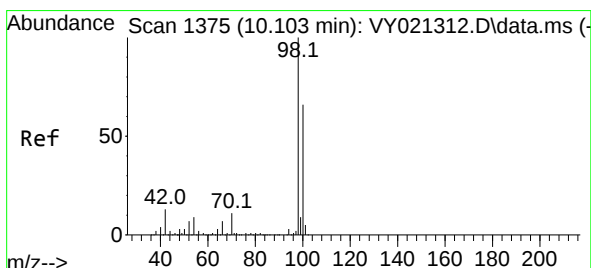
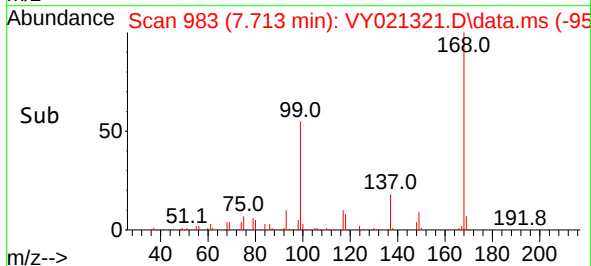
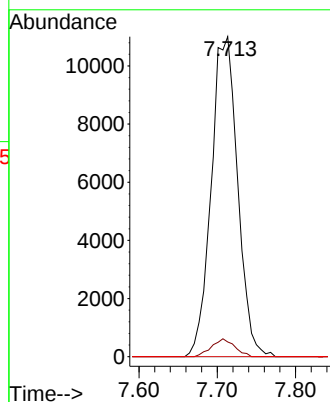
Tgt Ion:117 Resp: 25811

Ion Ratio Lower Upper

117 100

119 4.6 76.0 114.0#

121 0.0 24.9 37.3#



#50

Toluene-d8

Concen: 49.089 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY021321.D

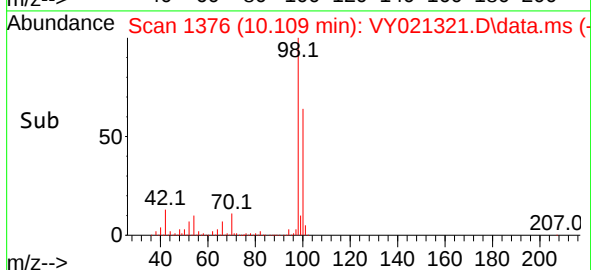
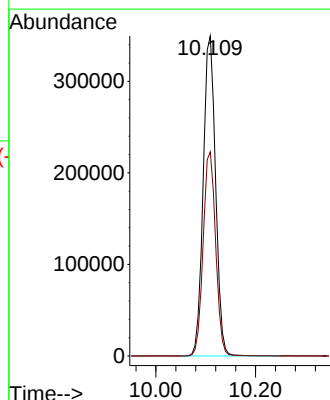
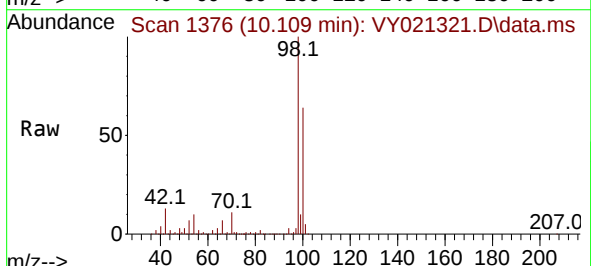
Acq: 26 Feb 2025 10:50

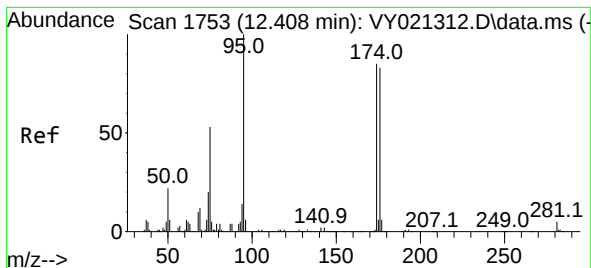
Tgt Ion: 98 Resp: 601618

Ion Ratio Lower Upper

98 100

100 64.4 52.4 78.6

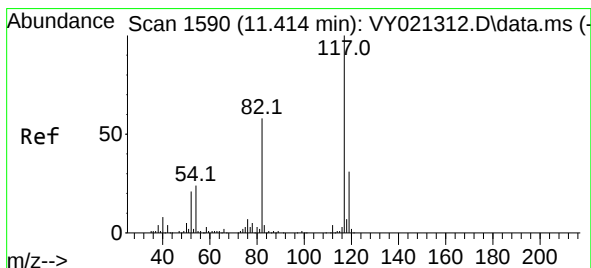
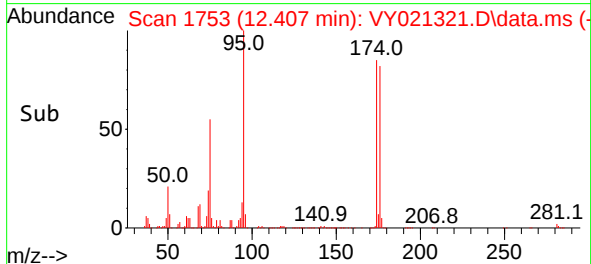
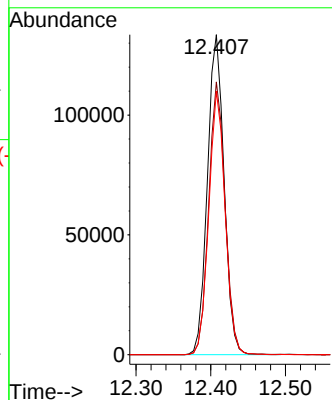
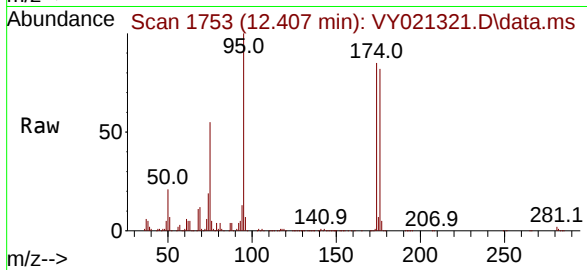




#62
4-Bromofluorobenzene
Concen: 50.096 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY021321.D
Acq: 26 Feb 2025 10:50

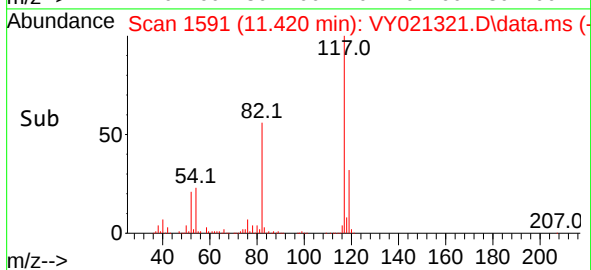
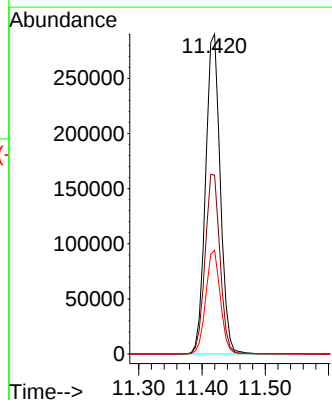
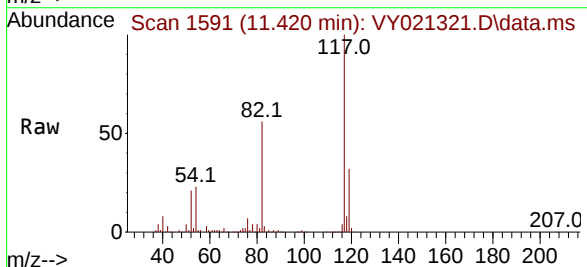
Instrument :
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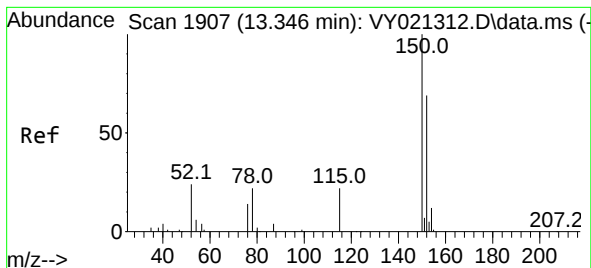
Tgt Ion: 95 Resp: 206622
Ion Ratio Lower Upper
95 100
174 84.3 0.0 168.0
176 80.7 0.0 162.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY021321.D
Acq: 26 Feb 2025 10:50

Tgt Ion: 117 Resp: 470141
Ion Ratio Lower Upper
117 100
82 55.8 46.2 69.4
119 32.4 24.9 37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY021321.D

Acq: 26 Feb 2025 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBL01

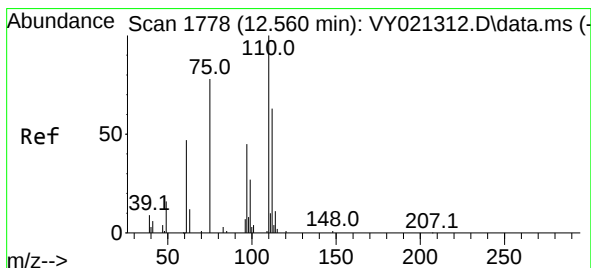
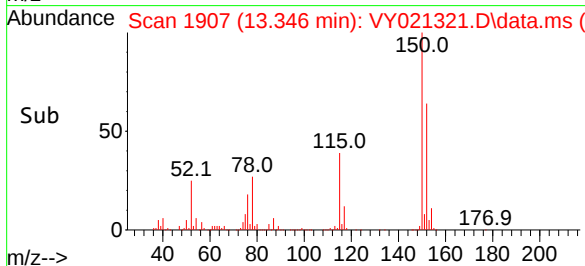
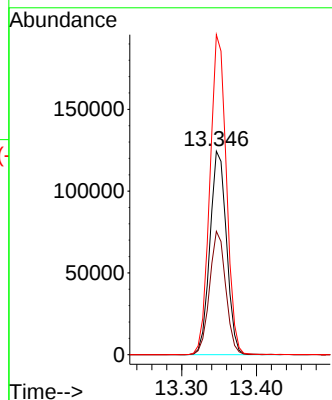
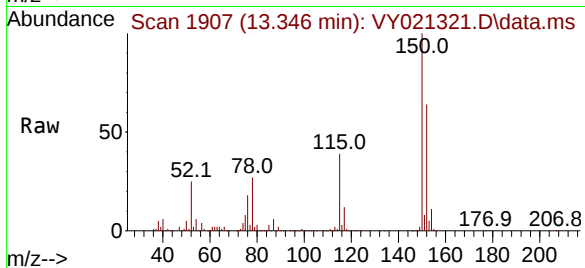
Tgt Ion:152 Resp: 192201

Ion Ratio Lower Upper

152 100

115 59.0 29.3 88.0

150 156.2 0.0 347.4



#76

1,2,3-Trichloropropane

Concen: 59.543 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY021321.D

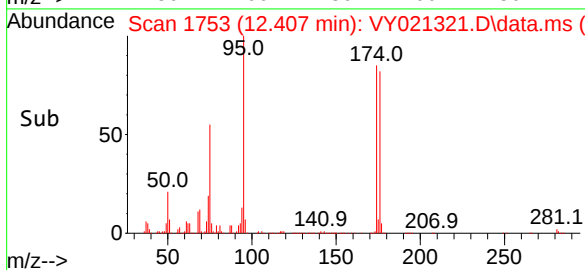
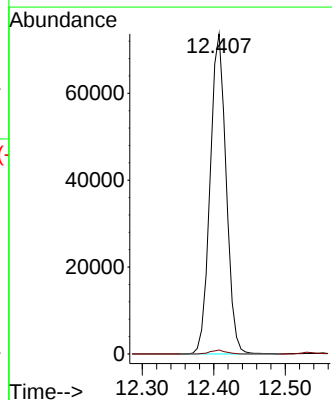
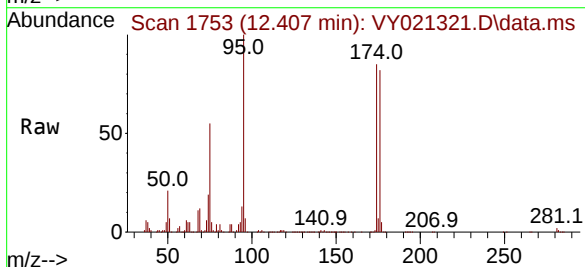
Acq: 26 Feb 2025 10:50

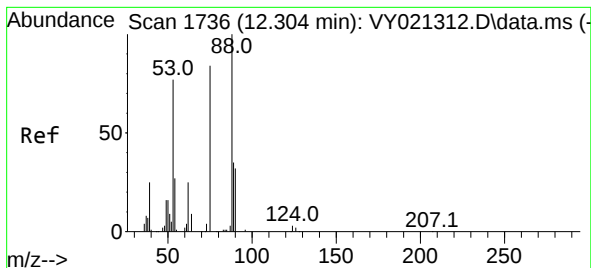
Tgt Ion: 75 Resp: 114551

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.343 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY021321.D
 Acq: 26 Feb 2025 10:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBL01

Tgt Ion: 75 Resp: 114551
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.1 118.7#
 89 0.1 35.6 53.4#

