

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012325\
 Data File : VY020916.D
 Acq On : 23 Jan 2025 17:27
 Operator : SY/MD
 Sample : Q1169-03RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 24 00:19:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 00:38:42 2025
 Response via : Initial Calibration

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

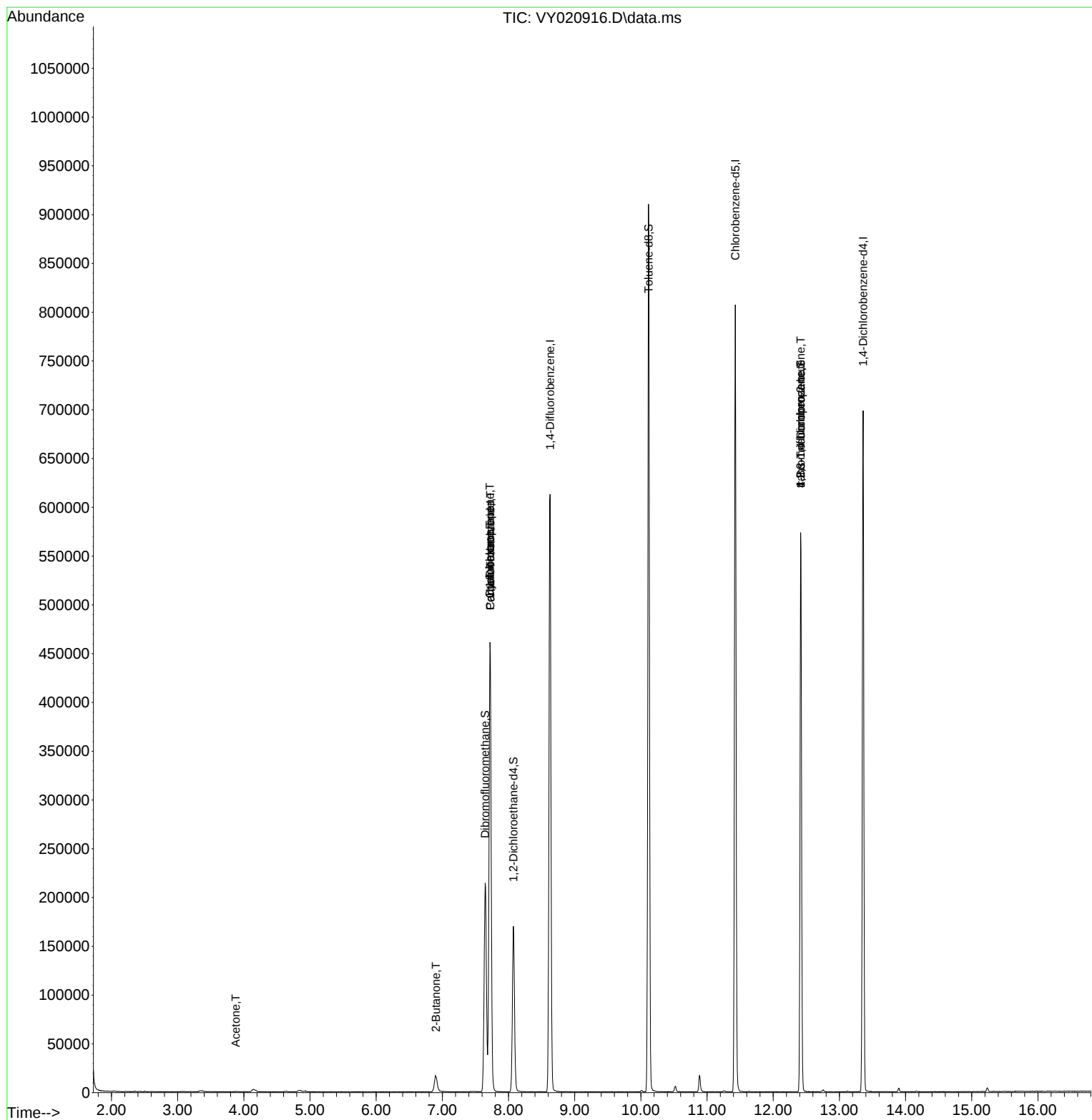
Internal Standards						
1) Pentafluorobenzene	7.725	168	377228	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.628	114	562708	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.426	117	443524	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.359	152	189697	50.000	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	135975	42.409	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.820%
35) Dibromofluoromethane	7.646	113	156080	44.274	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.540%
50) Toluene-d8	10.115	98	603757	49.129	ug/l	-0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.260%
62) 4-Bromofluorobenzene	12.414	95	177057	39.015	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	78.020%
Target Compounds						
					Qvalue	
16) Acetone	3.878	43	759	1.665	ug/l #	75
25) 2-Butanone	6.902	43	1076	1.437	ug/l #	45
31) Cyclohexane	7.719	56	6483	1.390	ug/l #	1
36) 1,1-Dichloropropene	7.719	75	26308	5.851	ug/l #	50
38) Carbon Tetrachloride	7.725	117	36510	5.833	ug/l #	16
76) 1,2,3-Trichloropropane	12.414	75	88892	53.556	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	88892	112.924	ug/l #	14

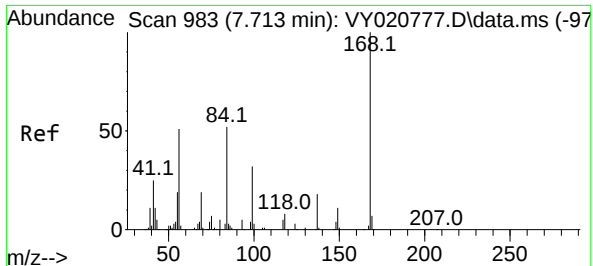
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012325\
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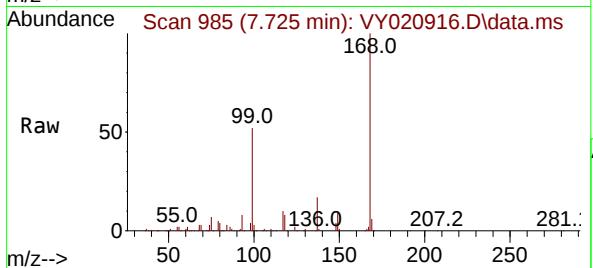
Quant Time: Jan 24 00:19:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 00:38:42 2025
Response via : Initial Calibration



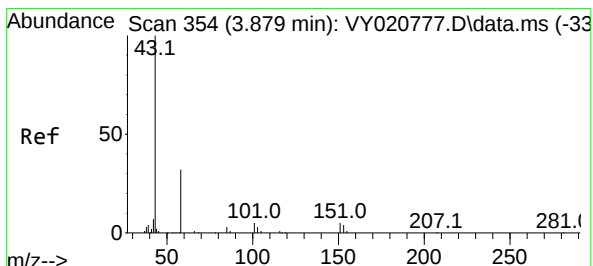
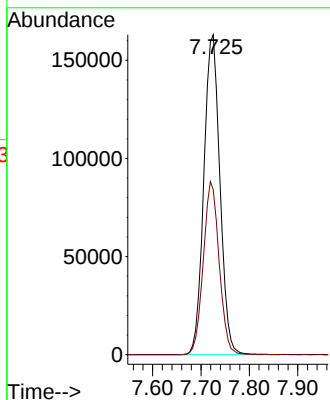
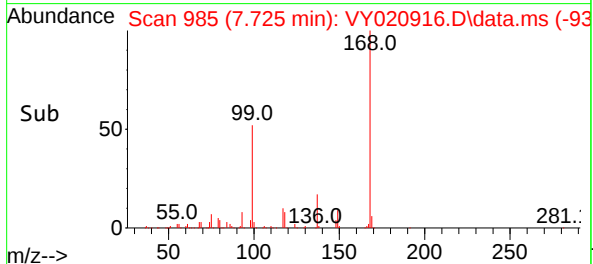


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.725 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020916.D
Acq: 23 Jan 2025 17:27

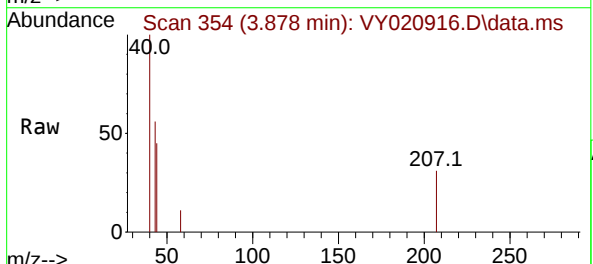
Instrument :
MSVOA_Y
ClientSampleId :



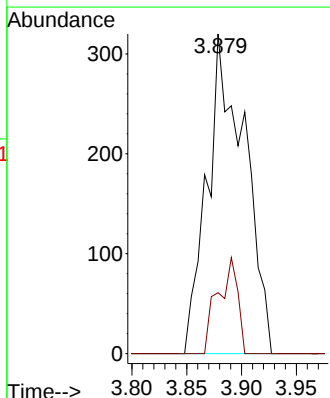
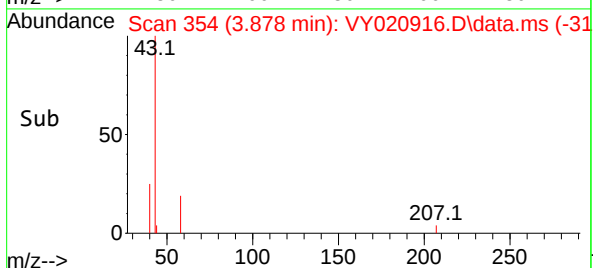
Tgt Ion:168 Resp: 377228
Ion Ratio Lower Upper
168 100
99 51.5 44.3 66.5

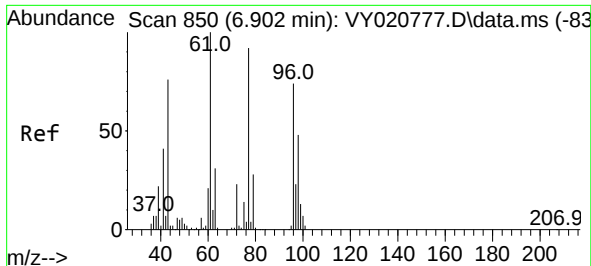


#16
Acetone
Concen: 1.665 ug/l
RT: 3.878 min Scan# 354
Delta R.T. -0.036 min
Lab File: VY020916.D
Acq: 23 Jan 2025 17:27



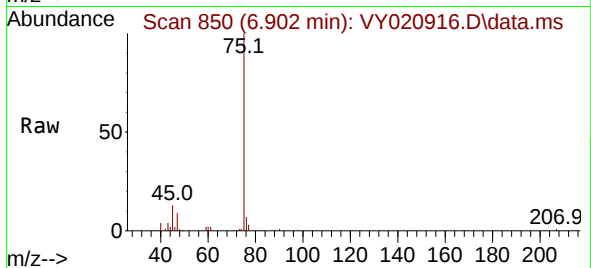
Tgt Ion: 43 Resp: 759
Ion Ratio Lower Upper
43 100
58 19.1 26.7 40.1#



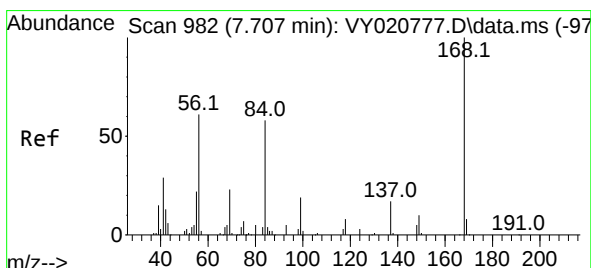
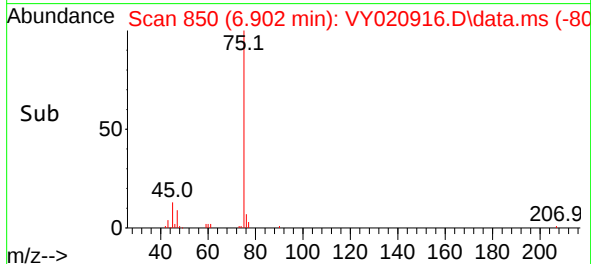
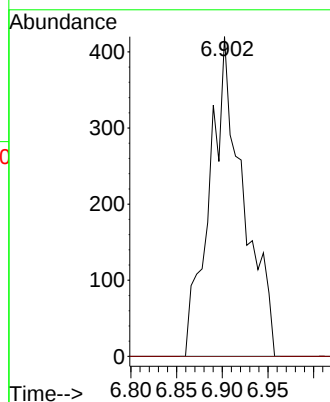


#25
2-Butanone
Concen: 1.437 ug/l
RT: 6.902 min Scan# 81
Delta R.T. -0.030 min
Lab File: VY020916.D
Acq: 23 Jan 2025 17:27

Instrument :
MSVOA_Y
ClientSampleId :

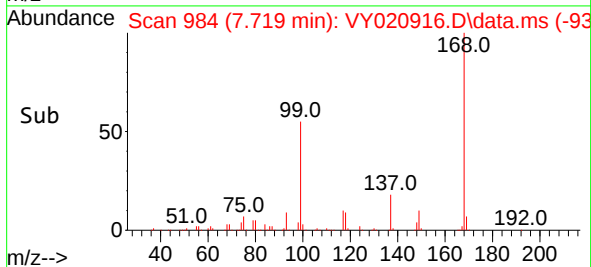
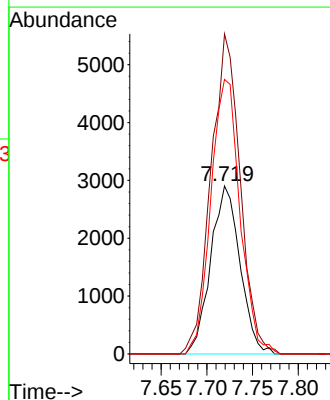
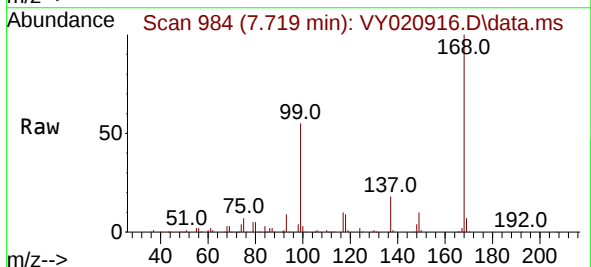


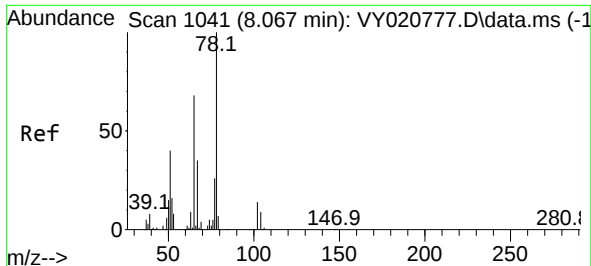
Tgt Ion: 43 Resp: 1076
Ion Ratio Lower Upper
43 100
72 0.0 24.0 36.0#



#31
Cyclohexane
Concen: 1.390 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.018 min
Lab File: VY020916.D
Acq: 23 Jan 2025 17:27

Tgt Ion: 56 Resp: 6483
Ion Ratio Lower Upper
56 100
69 190.4 30.5 45.7#
84 163.3 76.6 115.0#





#33

1,2-Dichloroethane-d4

Concen: 42.409 ug/l

RT: 8.073 min Scan# 1

Delta R.T. -0.018 min

Lab File: VY020916.D

Acq: 23 Jan 2025 17:27

Instrument :

MSVOA_Y

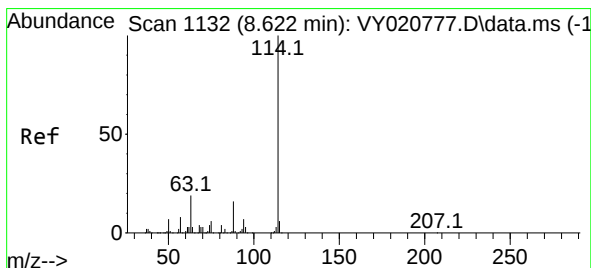
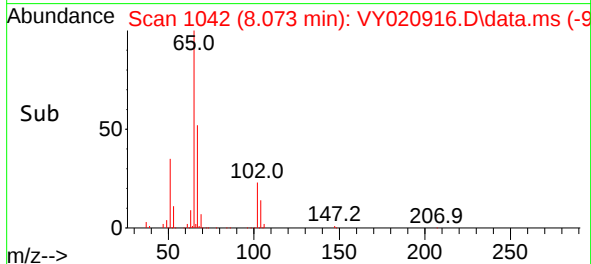
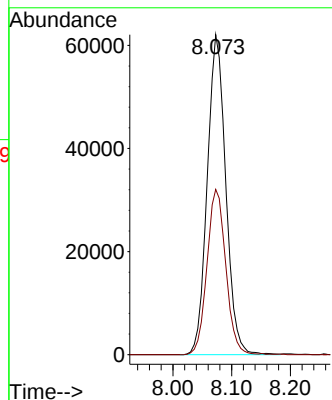
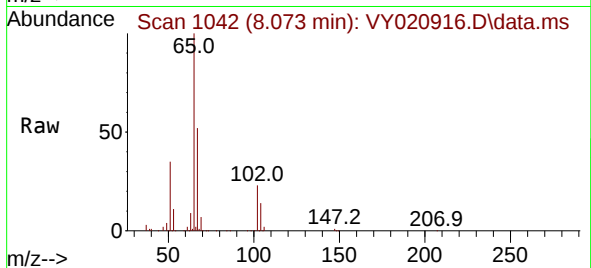
ClientSampleId :

Tgt Ion: 65 Resp: 135975

Ion Ratio Lower Upper

65 100

67 52.3 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. -0.012 min

Lab File: VY020916.D

Acq: 23 Jan 2025 17:27

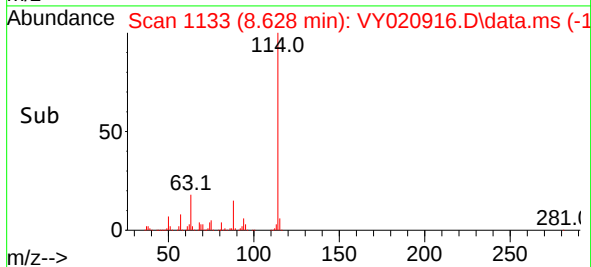
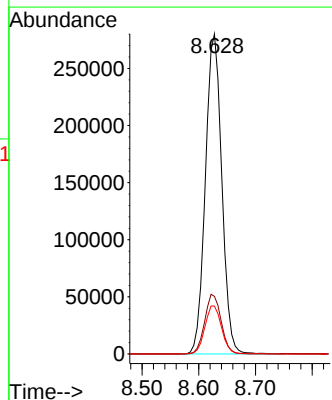
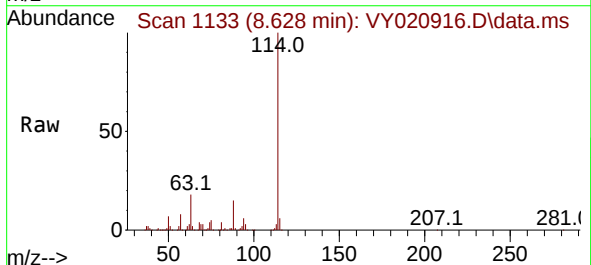
Tgt Ion:114 Resp: 562708

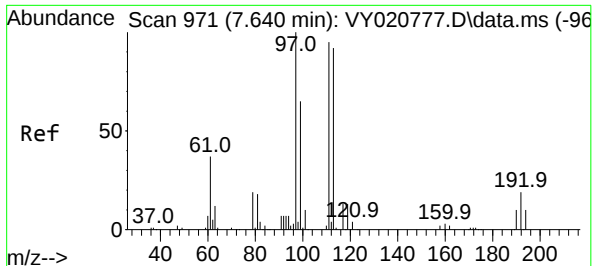
Ion Ratio Lower Upper

114 100

63 18.0 0.0 38.4

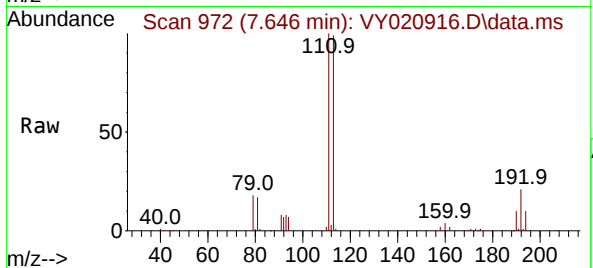
88 14.9 0.0 31.2



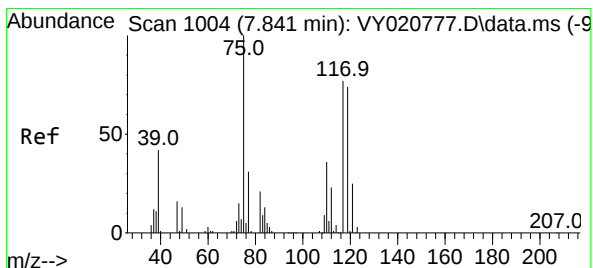
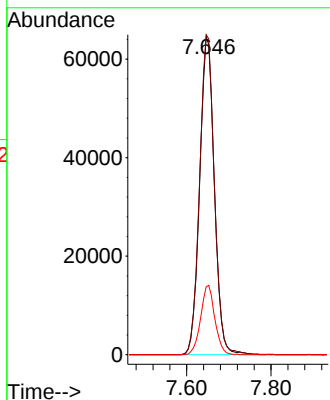
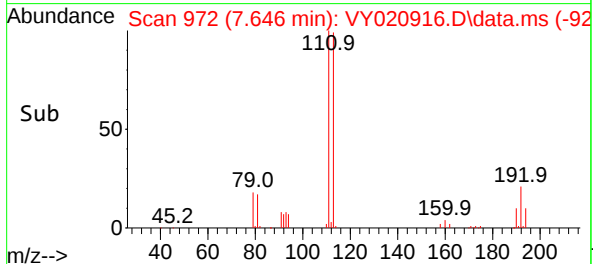


#35
Dibromofluoromethane
Concen: 44.274 ug/l
RT: 7.646 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY020916.D
Acq: 23 Jan 2025 17:27

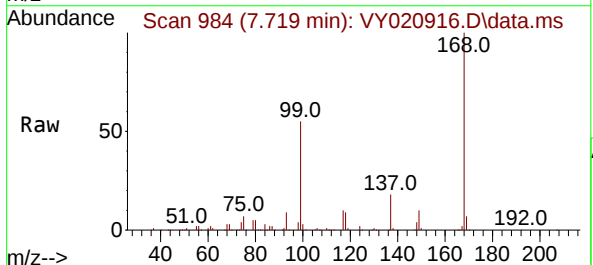
Instrument :
MSVOA_Y
ClientSampleId :



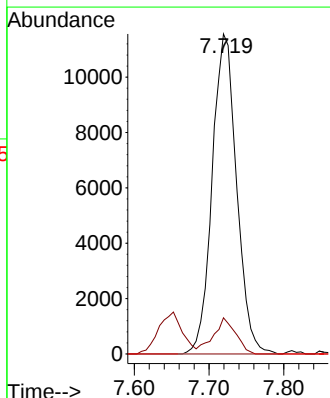
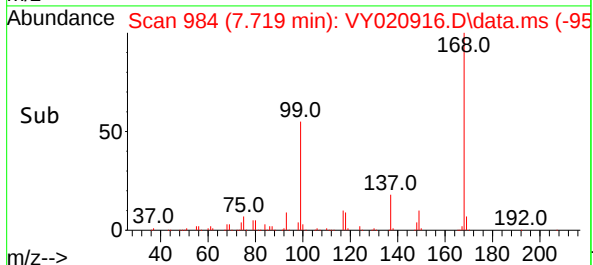
Tgt Ion:113 Resp: 156080
Ion Ratio Lower Upper
113 100
111 101.7 81.7 122.5
192 21.1 16.7 25.1

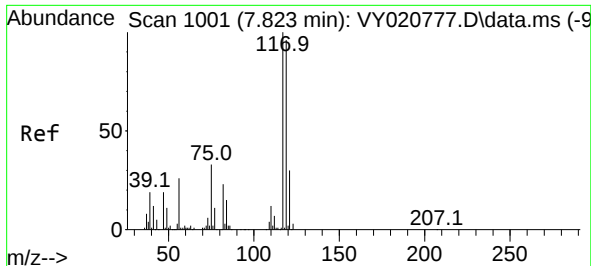


#36
1,1-Dichloropropene
Concen: 5.851 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.146 min
Lab File: VY020916.D
Acq: 23 Jan 2025 17:27



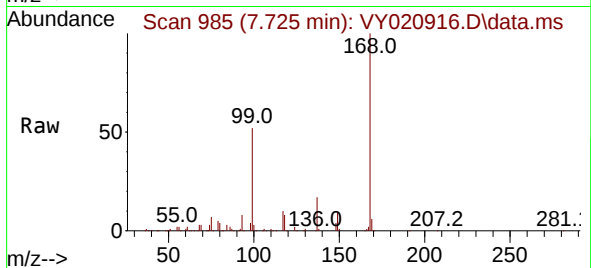
Tgt Ion: 75 Resp: 26308
Ion Ratio Lower Upper
75 100
110 10.3 18.5 55.5#
77 0.0 25.0 37.4#



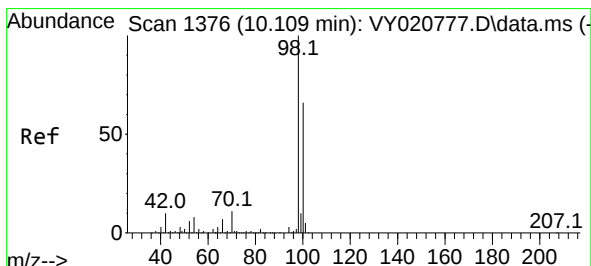
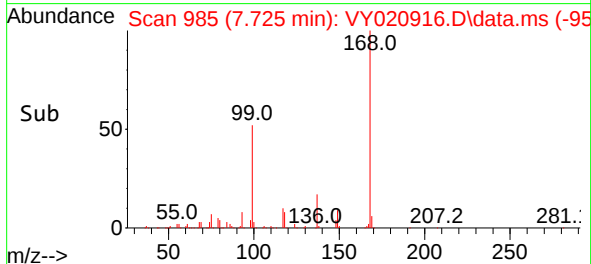
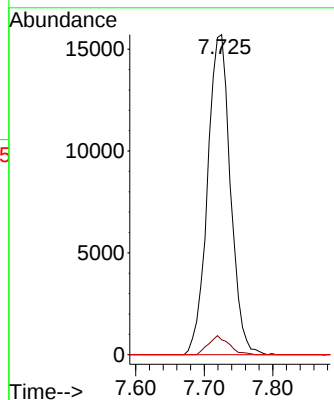


#38
Carbon Tetrachloride
Concen: 5.833 ug/l
RT: 7.725 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY020916.D
Acq: 23 Jan 2025 17:27

Instrument :
MSVOA_Y
ClientSampleId :

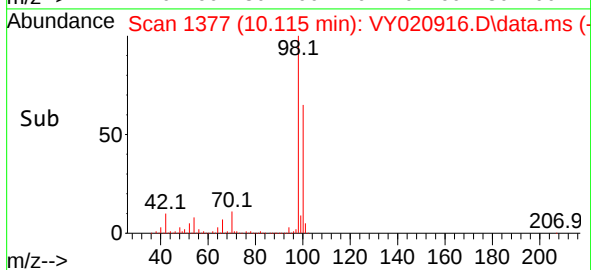
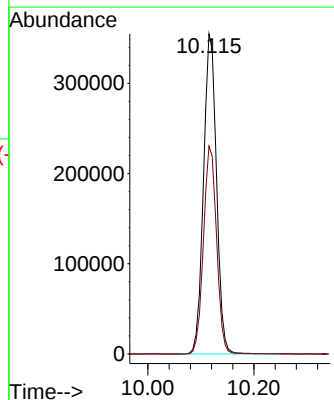
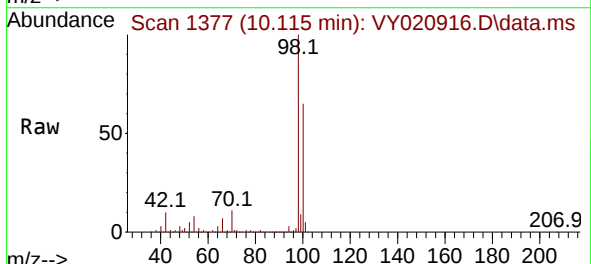


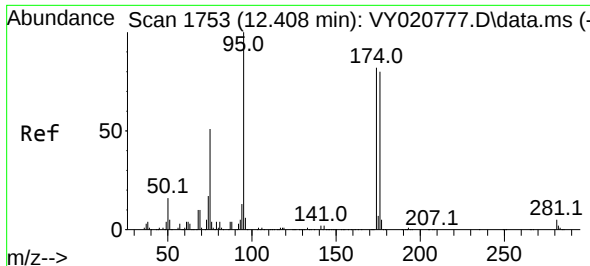
Tgt Ion:117 Resp: 36510
Ion Ratio Lower Upper
117 100
119 4.7 76.5 114.7#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 49.129 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. -0.018 min
Lab File: VY020916.D
Acq: 23 Jan 2025 17:27

Tgt Ion: 98 Resp: 603757
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7

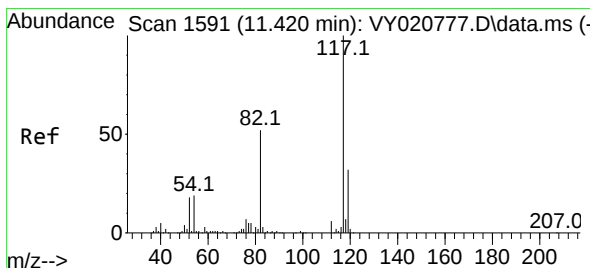
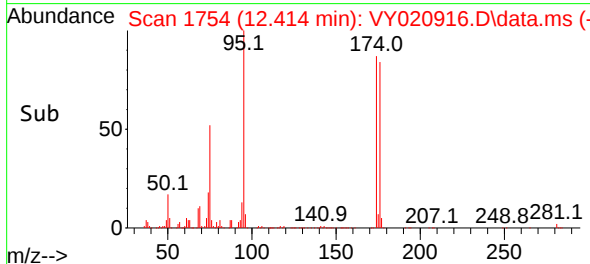
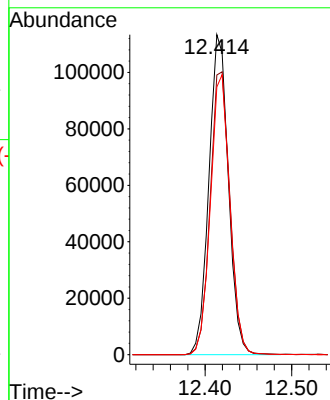
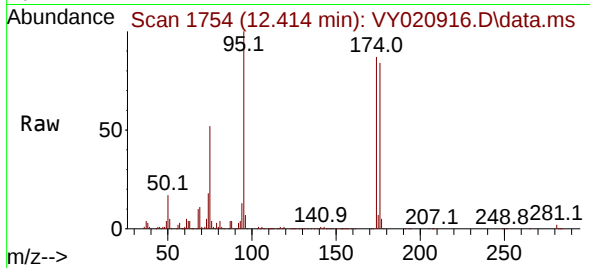




#62
4-Bromofluorobenzene
Concen: 39.015 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.012 min
Lab File: VY020916.D
Acq: 23 Jan 2025 17:27

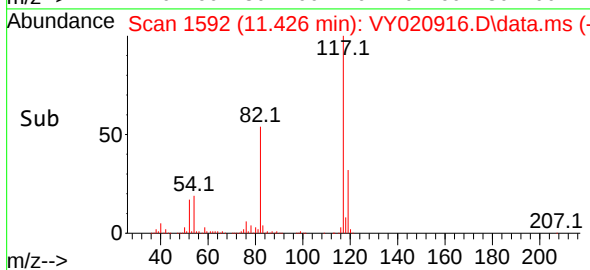
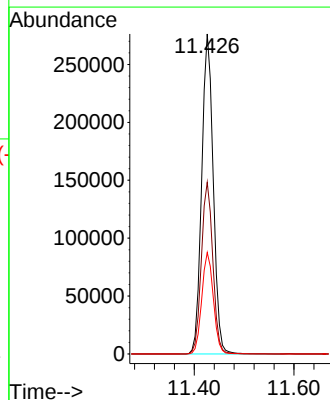
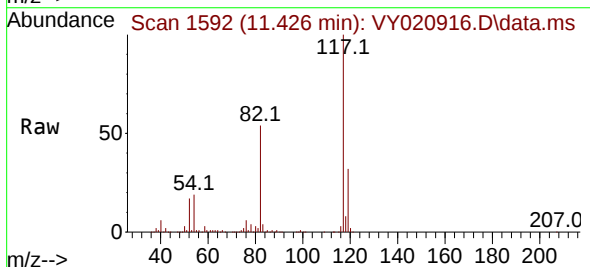
Instrument :
MSVOA_Y
ClientSampleId :

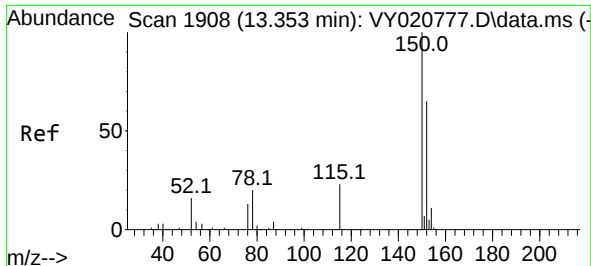
Tgt Ion: 95 Resp: 177057
Ion Ratio Lower Upper
95 100
174 90.0 0.0 178.0
176 87.4 0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. -0.012 min
Lab File: VY020916.D
Acq: 23 Jan 2025 17:27

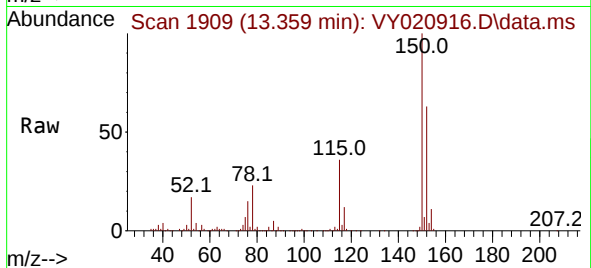
Tgt Ion: 117 Resp: 443524
Ion Ratio Lower Upper
117 100
82 53.6 41.8 62.6
119 31.7 25.8 38.8



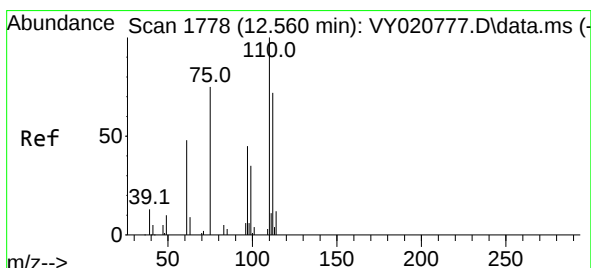
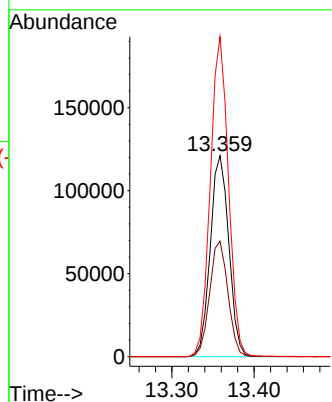
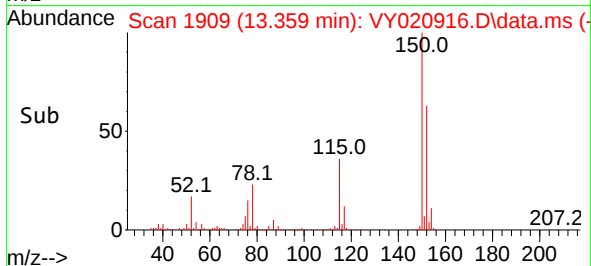


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.359 min Scan# 1908
 Delta R.T. -0.012 min
 Lab File: VY020916.D
 Acq: 23 Jan 2025 17:27

Instrument :
 MSVOA_Y
 ClientSampleId :

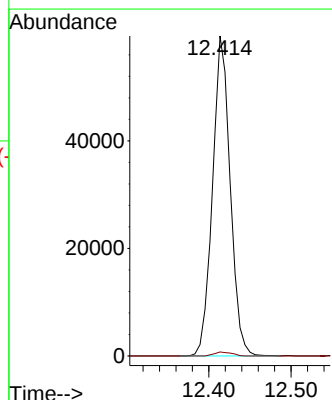
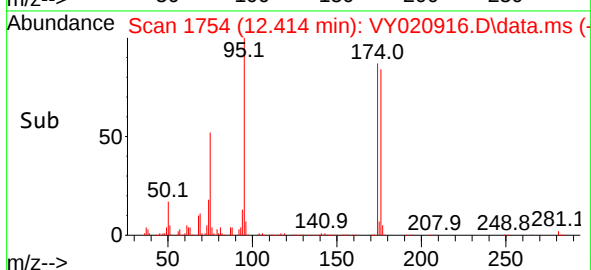
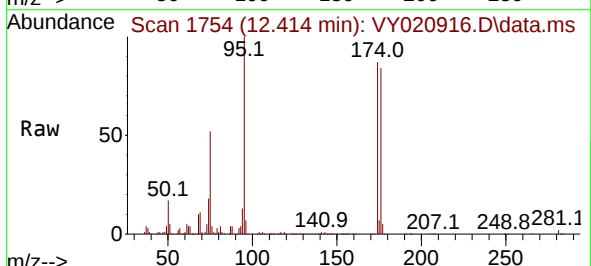


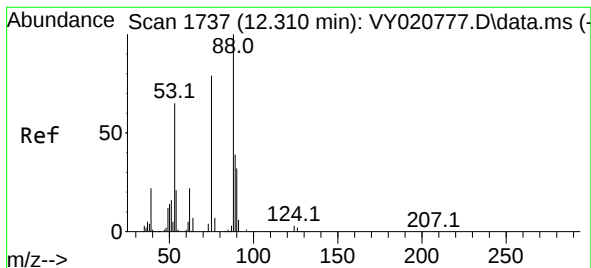
Tgt Ion:152 Resp: 189697
 Ion Ratio Lower Upper
 152 100
 115 56.9 29.0 87.0
 150 155.8 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 53.556 ug/l
 RT: 12.414 min Scan# 1754
 Delta R.T. -0.164 min
 Lab File: VY020916.D
 Acq: 23 Jan 2025 17:27

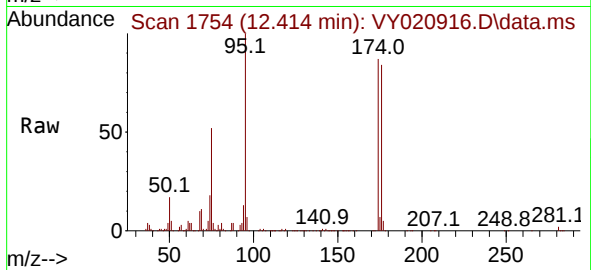
Tgt Ion: 75 Resp: 88892
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.924 ug/l
 RT: 12.414 min Scan# 11
 Delta R.T. 0.085 min
 Lab File: VY020916.D
 Acq: 23 Jan 2025 17:27

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 88892
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.4 104.0#
 89 0.0 39.6 59.4#

