

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
 Data File : VY019007.D
 Acq On : 12 Aug 2024 17:12
 Operator : SY/MD
 Sample : P3519-27
 Misc : 6.65g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 13 01:17:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

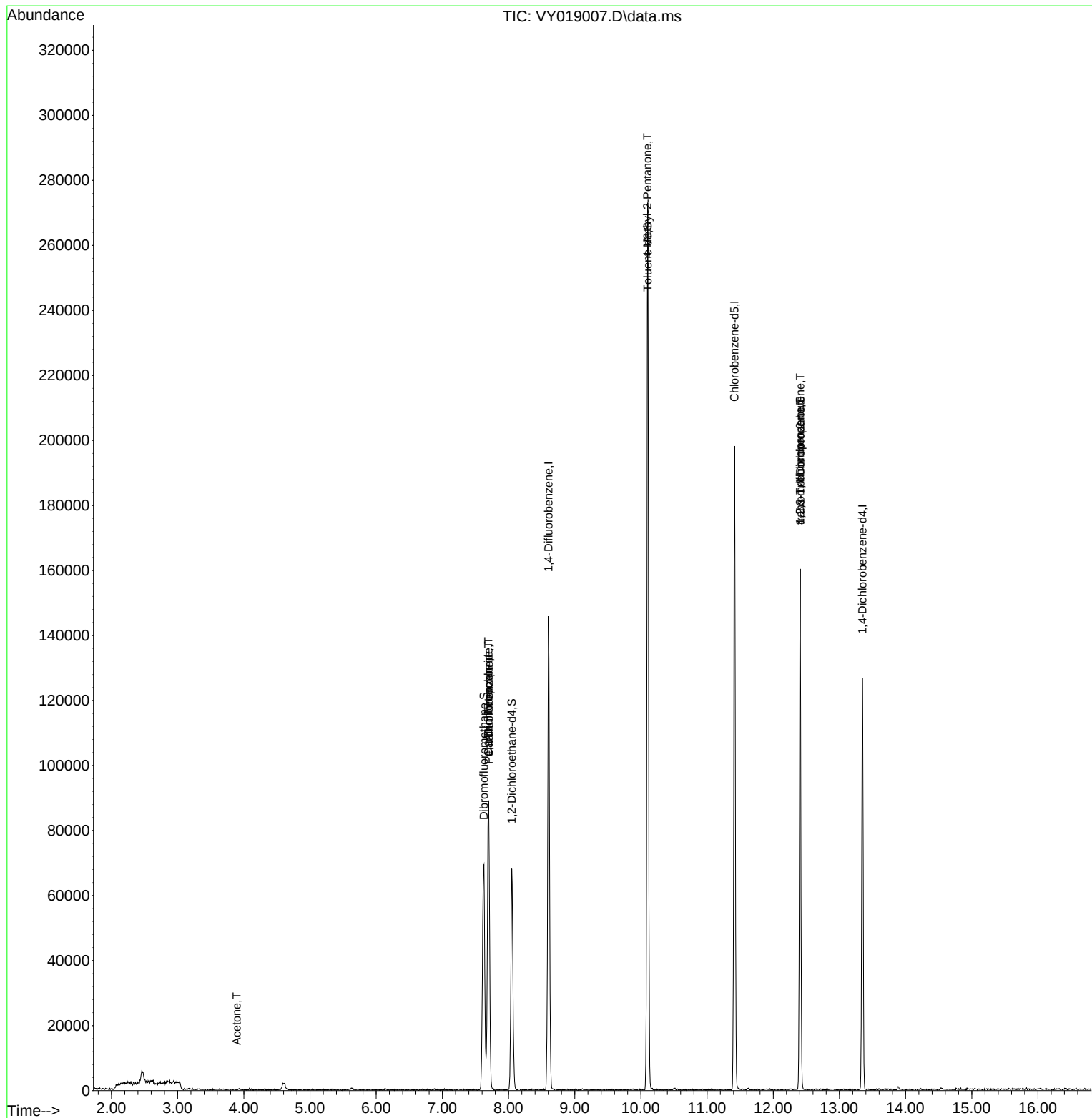
Internal Standards						
1) Pentafluorobenzene	7.701	168	72812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	119478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	96785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	29520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	40044	62.639	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.280%	
35) Dibromofluoromethane	7.628	113	45390	59.482	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.960%	
50) Toluene-d8	10.103	98	168039	57.330	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.660%	
62) 4-Bromofluorobenzene	12.408	95	36381	41.837	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.680%	
Target Compounds						Qvalue
3) Chloromethane	2.068	50	80	Below Cal	#	43
13) Acrolein	3.684	56	30	Below Cal	#	15
16) Acetone	3.891	43	49	12.808	ug/l #	36
20) Methylene Chloride	4.604	84	1655	Below Cal	#	93
31) Cyclohexane	7.689	56	1056	Below Cal	#	76
36) 1,1-Dichloropropene	7.695	75	5412	5.283	ug/l #	47
38) Carbon Tetrachloride	7.695	117	6594	5.614	ug/l #	19
41) Methacrylonitrile	7.213	41	23	Below Cal	#	15
51) 4-Methyl-2-Pentanone	10.097	43	797	1.623	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	22065	100.332	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	22065	206.744	ug/l #	16

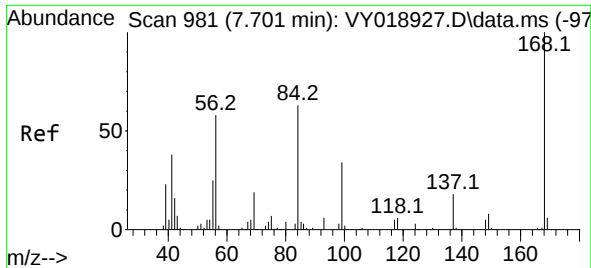
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
Data File : VY019007.D
Acq On : 12 Aug 2024 17:12
Operator : SY/MD
Sample : P3519-27
Misc : 6.65g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Aug 13 01:17:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 09 04:24:33 2024
Response via : Initial Calibration

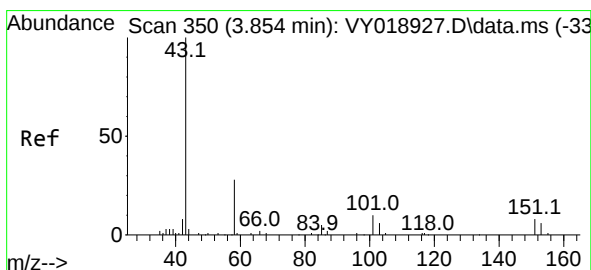
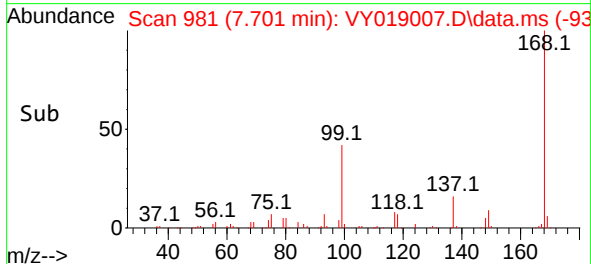
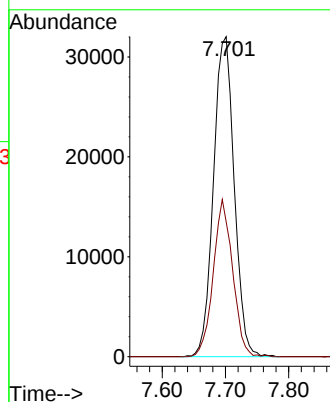
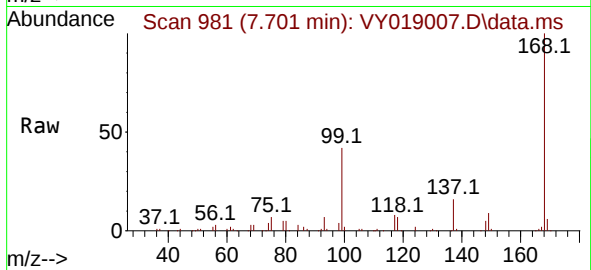




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019007.D
Acq: 12 Aug 2024 17:12

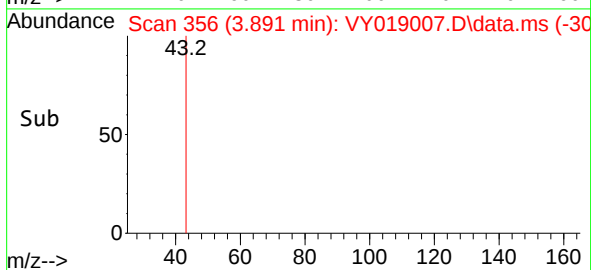
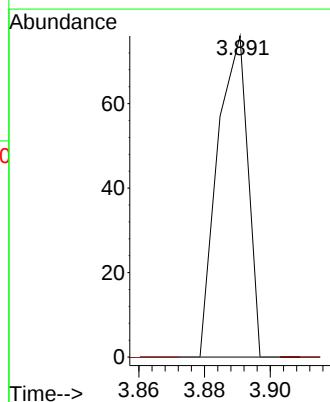
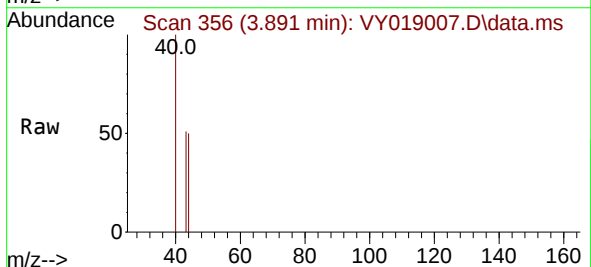
Instrument :
MSVOA_Y
ClientSampleId :

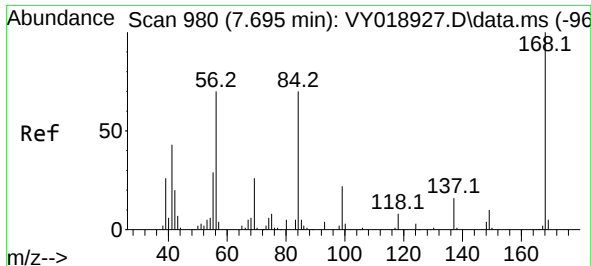
Tgt Ion:168 Resp: 72812
Ion Ratio Lower Upper
168 100
99 42.3 39.1 58.7



#16
Acetone
Concen: 12.808 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.037 min
Lab File: VY019007.D
Acq: 12 Aug 2024 17:12

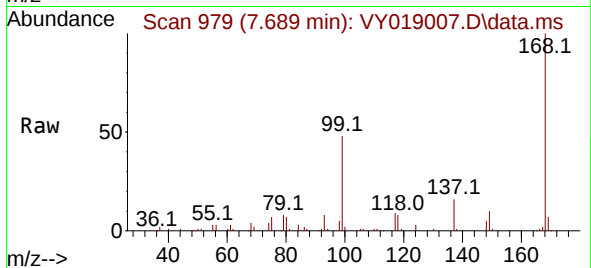
Tgt Ion: 43 Resp: 49
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



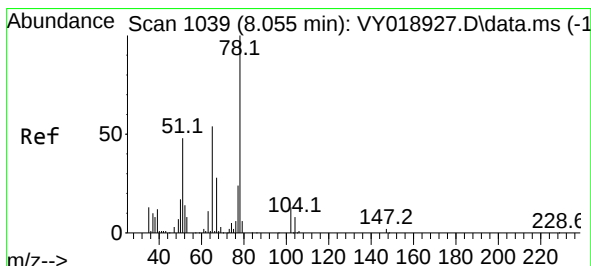
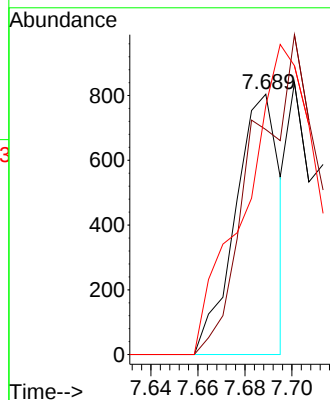
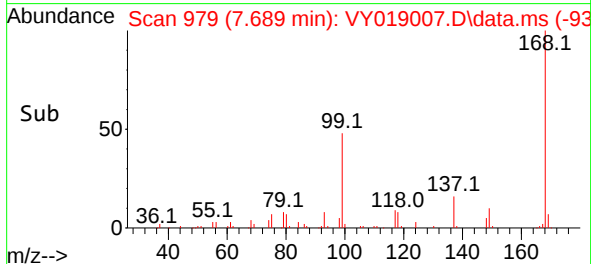


#31
Cyclohexane
Concen: Below Cal
RT: 7.689 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019007.D
Acq: 12 Aug 2024 17:12

Instrument :
MSVOA_Y
ClientSampleId :

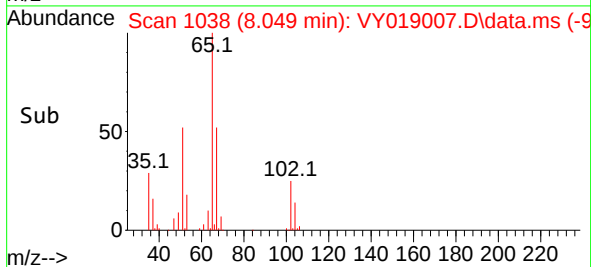
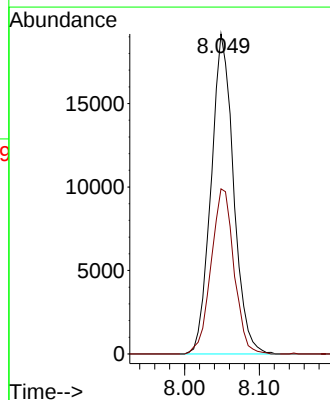
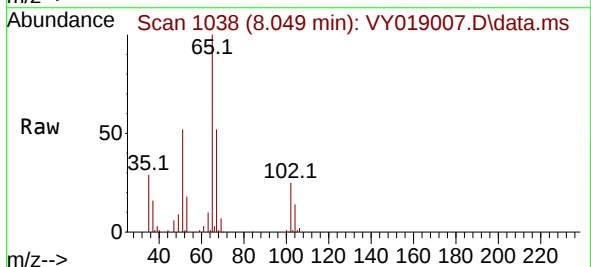


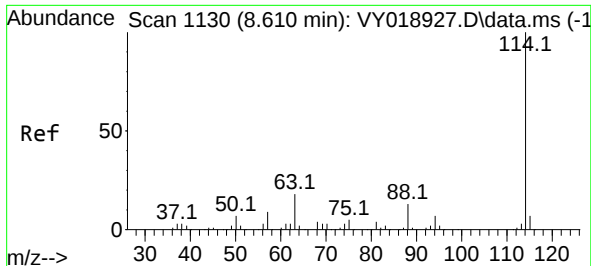
Tgt Ion: 56 Resp: 1056
Ion Ratio Lower Upper
56 100
69 86.4 28.7 43.1#
84 95.5 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 62.639 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY019007.D
Acq: 12 Aug 2024 17:12

Tgt Ion: 65 Resp: 40044
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY019007.D

Acq: 12 Aug 2024 17:12

Instrument :

MSVOA_Y

ClientSampleId :

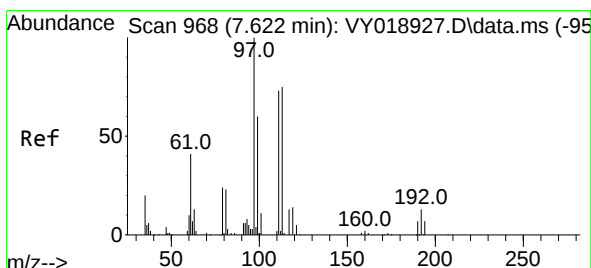
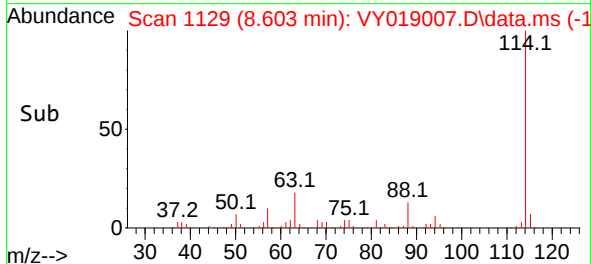
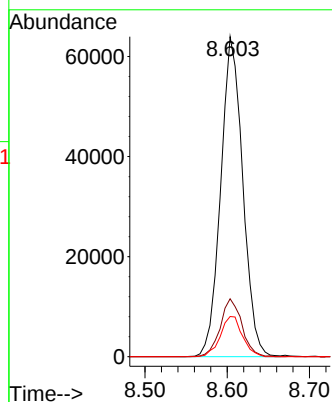
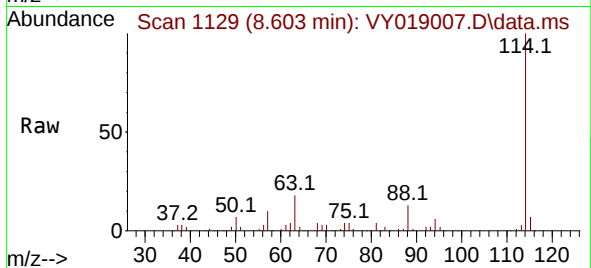
Tgt Ion:114 Resp: 119478

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 12.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 59.482 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019007.D

Acq: 12 Aug 2024 17:12

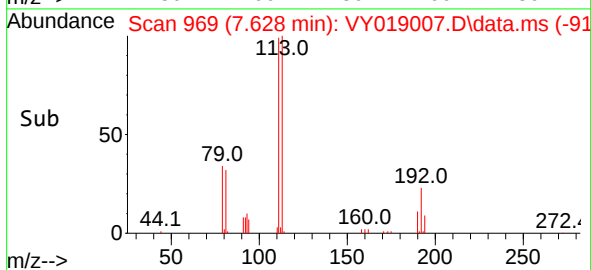
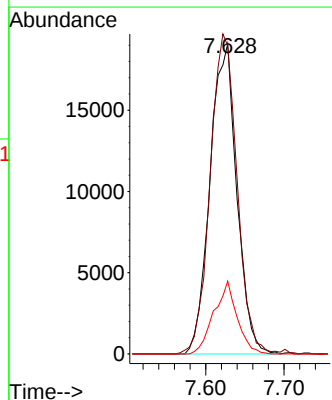
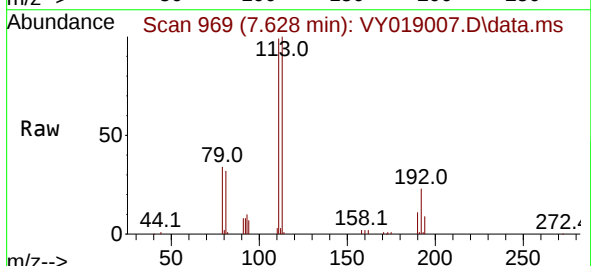
Tgt Ion:113 Resp: 45390

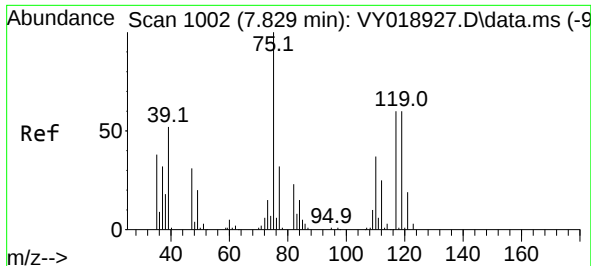
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 20.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.283 ug/l

RT: 7.695 min Scan# 9

Delta R.T. -0.134 min

Lab File: VY019007.D

Acq: 12 Aug 2024 17:12

Instrument :

MSVOA_Y

ClientSampleId :

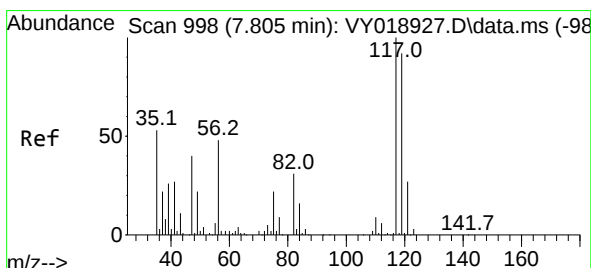
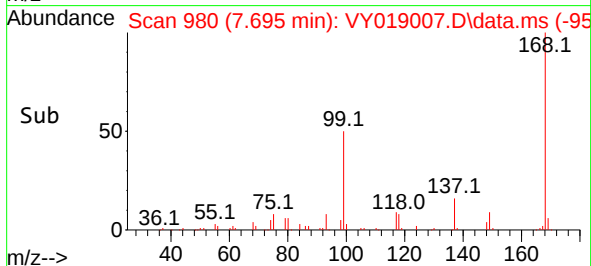
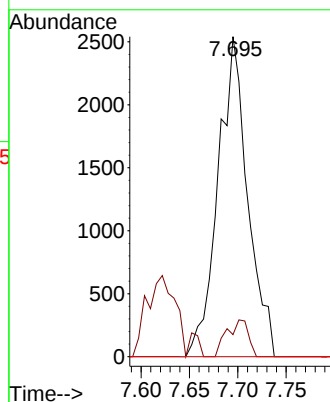
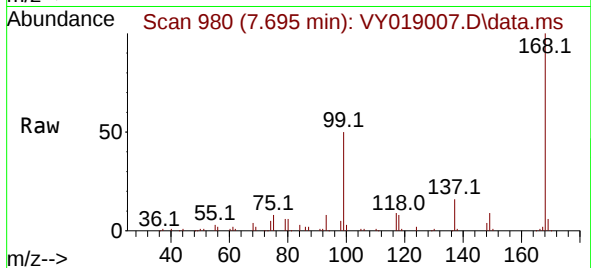
Tgt Ion: 75 Resp: 5412

Ion Ratio Lower Upper

75 100

110 8.4 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.614 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY019007.D

Acq: 12 Aug 2024 17:12

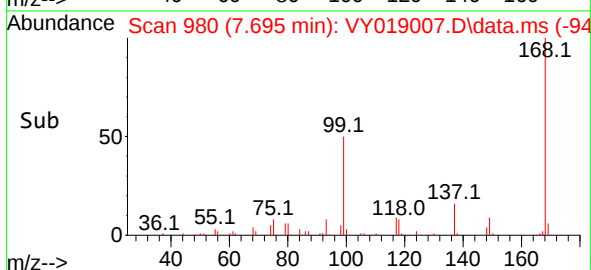
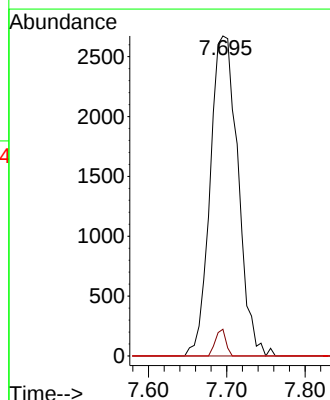
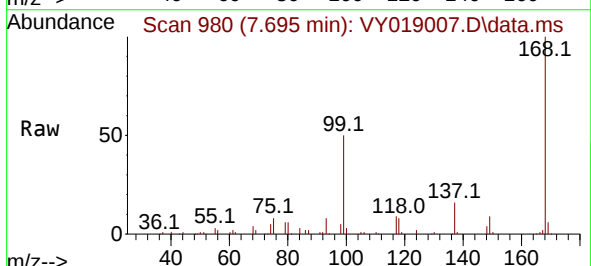
Tgt Ion: 117 Resp: 6594

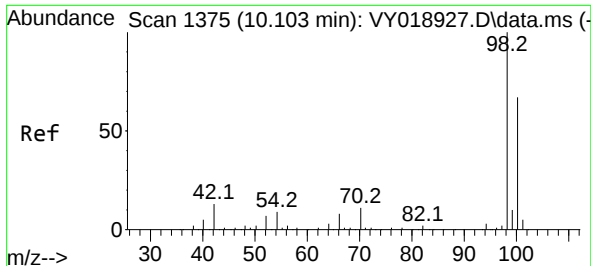
Ion Ratio Lower Upper

117 100

119 8.3 75.8 113.6#

121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 57.330 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY019007.D

Acq: 12 Aug 2024 17:12

Instrument :

MSVOA_Y

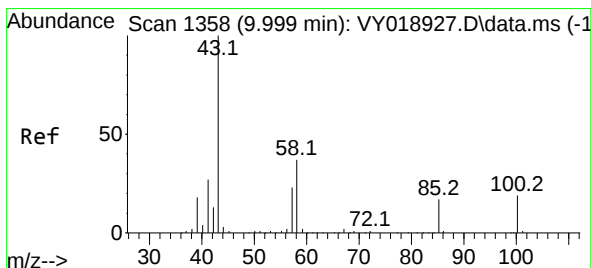
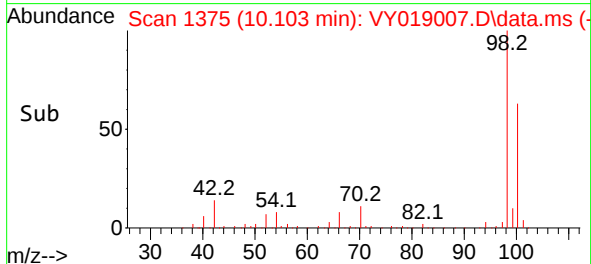
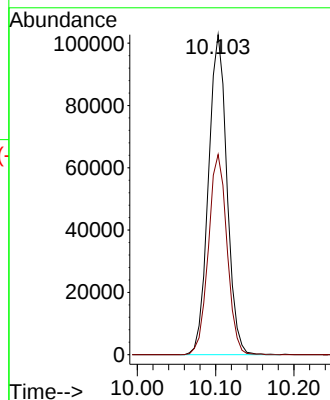
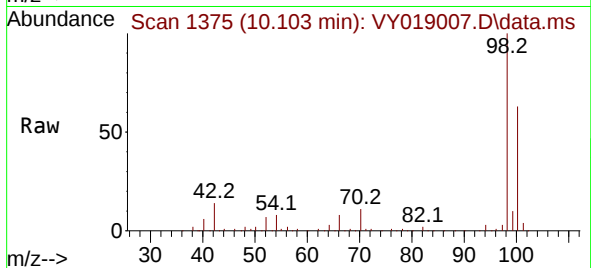
ClientSampleId :

Tgt Ion: 98 Resp: 168039

Ion Ratio Lower Upper

98 100

100 63.0 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.623 ug/l

RT: 10.097 min Scan# 1374

Delta R.T. 0.098 min

Lab File: VY019007.D

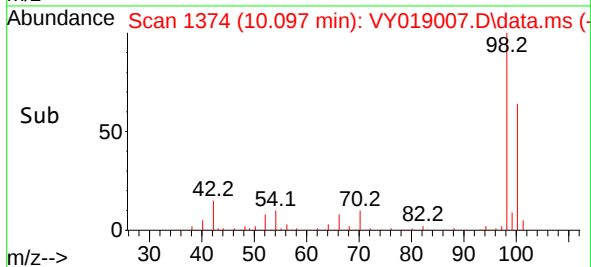
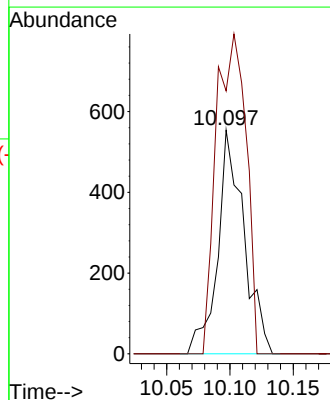
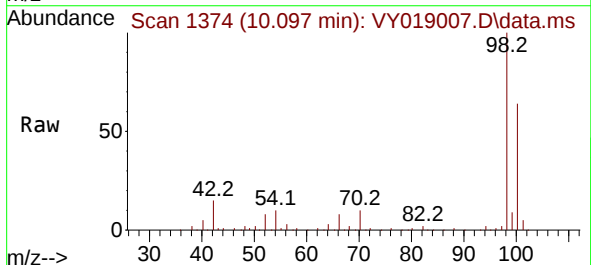
Acq: 12 Aug 2024 17:12

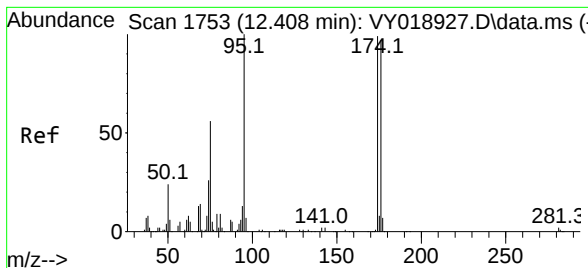
Tgt Ion: 43 Resp: 797

Ion Ratio Lower Upper

43 100

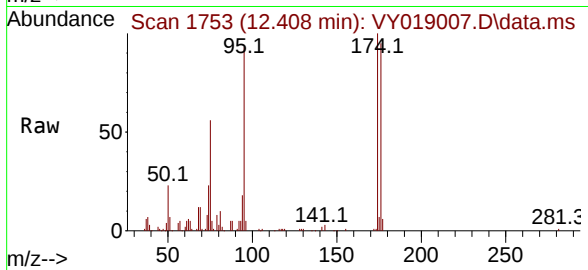
58 163.0 35.7 53.5#



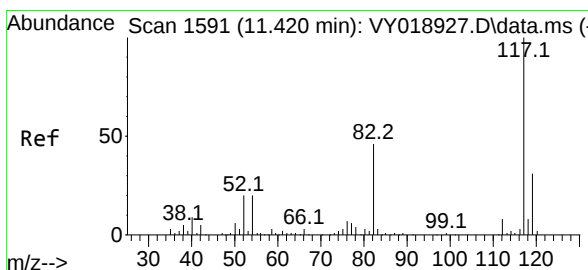
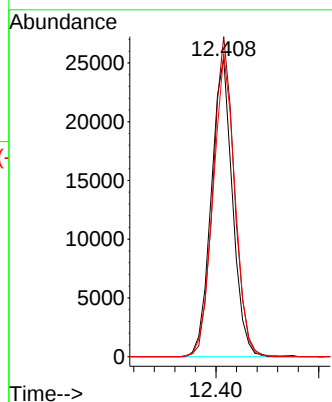
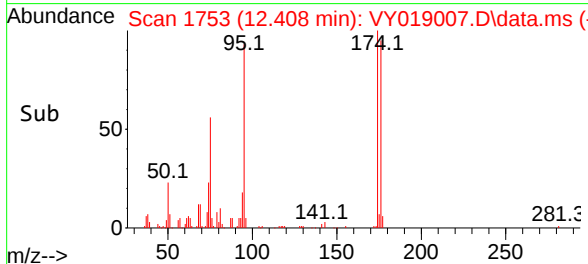


#62
4-Bromofluorobenzene
Concen: 41.837 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY019007.D
Acq: 12 Aug 2024 17:12

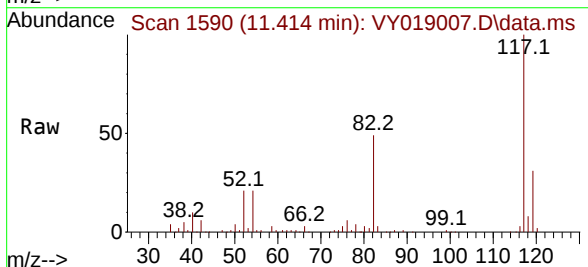
Instrument :
MSVOA_Y
ClientSampleId :



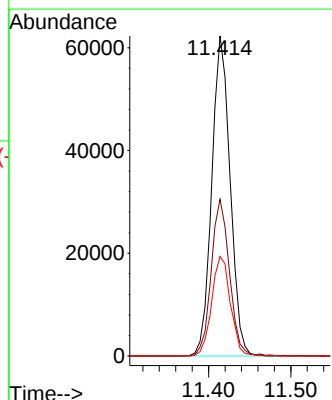
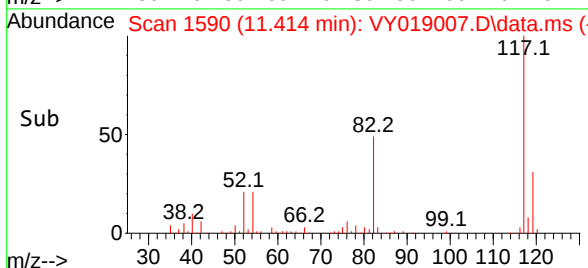
Tgt Ion: 95 Resp: 36381
Ion Ratio Lower Upper
95 100
174 107.2 0.0 175.6
176 103.9 0.0 171.4

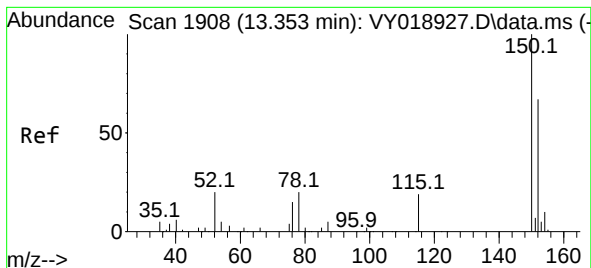


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019007.D
Acq: 12 Aug 2024 17:12



Tgt Ion: 117 Resp: 96785
Ion Ratio Lower Upper
117 100
82 49.0 42.4 63.6
119 31.1 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY019007.D

Acq: 12 Aug 2024 17:12

Instrument :

MSVOA_Y

ClientSampleId :

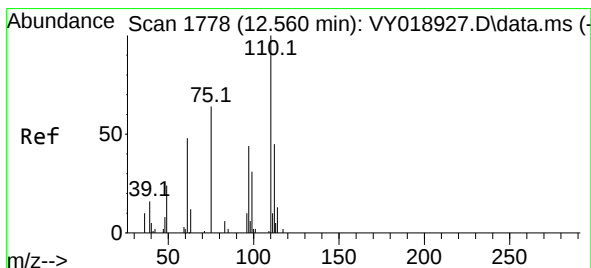
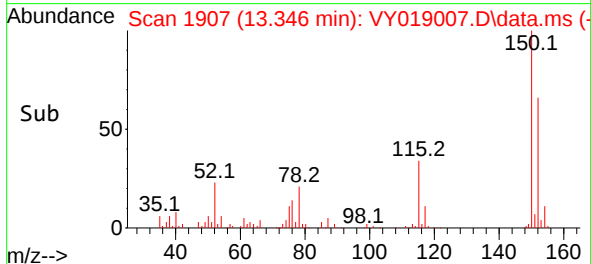
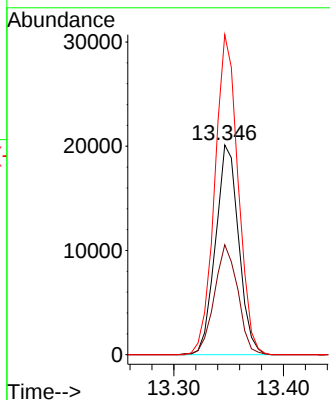
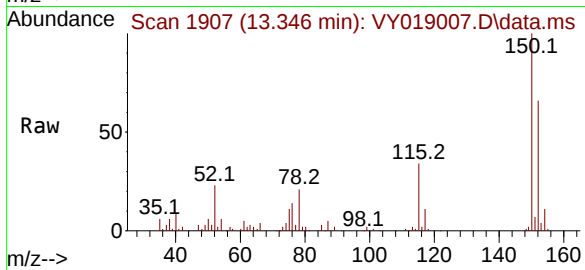
Tgt Ion:152 Resp: 29520

Ion Ratio Lower Upper

152 100

115 53.1 28.2 84.7

150 153.8 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 100.332 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019007.D

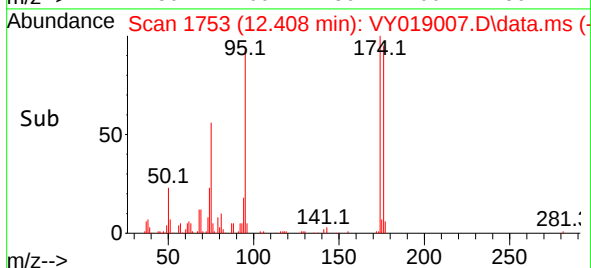
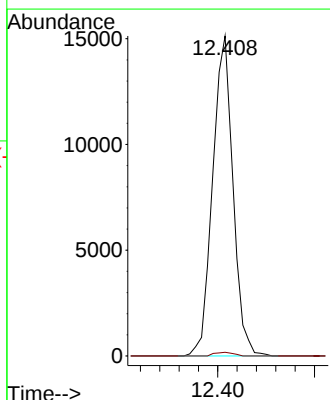
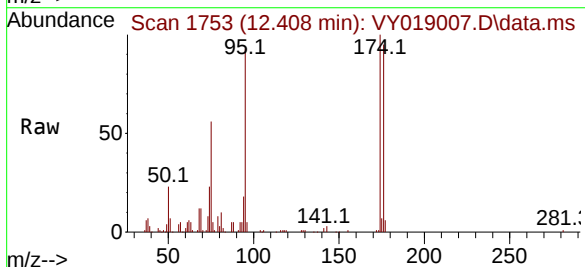
Acq: 12 Aug 2024 17:12

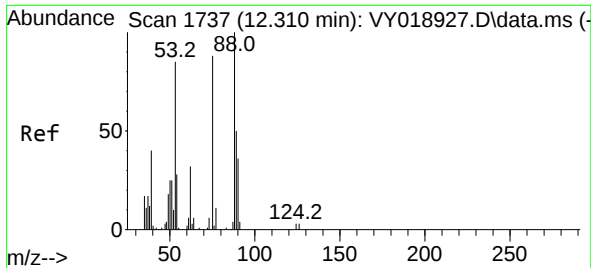
Tgt Ion: 75 Resp: 22065

Ion Ratio Lower Upper

75 100

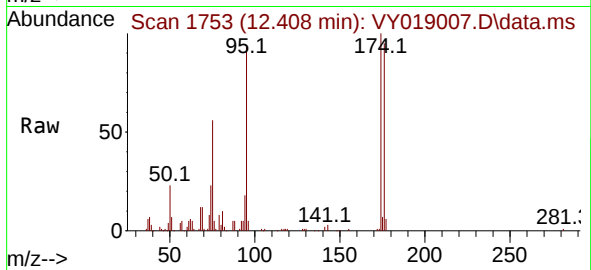
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 206.744 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY019007.D
 Acq: 12 Aug 2024 17:12

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	22065
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.3	35.8	53.6#

