

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
 Data File : VY019009.D
 Acq On : 12 Aug 2024 18:01
 Operator : SY/MD
 Sample : P3518-13
 Misc : 4.66g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

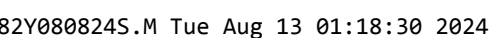
Quant Time: Aug 13 01:18:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

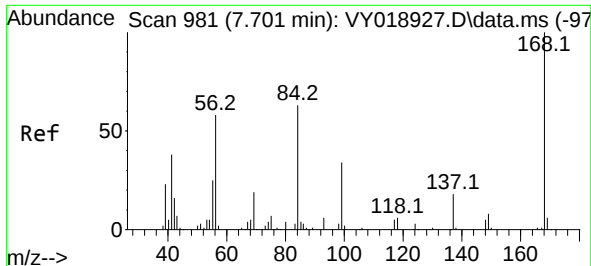
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.695	168	73948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	118038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	87906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	24576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	36056	55.534	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.060%
35) Dibromofluoromethane	7.622	113	41240	54.703	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.400%
50) Toluene-d8	10.103	98	149348	51.575	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.160%
62) 4-Bromofluorobenzene	12.407	95	28583	33.271	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	66.540%
Target Compounds						
					Qvalue	
3) Chloromethane	2.159	50	63	Below Cal	#	43
11) Tert butyl alcohol	4.848	59	43	Below Cal	#	88
13) Acrolein	3.433	56	19	Below Cal	#	15
16) Acetone	3.866	43	459	15.123	ug/l #	36
20) Methylene Chloride	4.598	84	703	Below Cal	#	77
31) Cyclohexane	7.695	56	1886	Below Cal	#	55
36) 1,1-Dichloropropene	7.701	75	5311	5.248	ug/l #	49
38) Carbon Tetrachloride	7.695	117	6518	5.617	ug/l #	16
41) Methacrylonitrile	7.427	41	68	Below Cal	#	15
51) 4-Methyl-2-Pentanone	10.097	43	807	1.663	ug/l #	1
76) 1,2,3-Trichloropropane	12.407	75	16978	92.732	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	16978	191.082	ug/l #	16

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

Quant Time: Aug 13 01:18:20 2024
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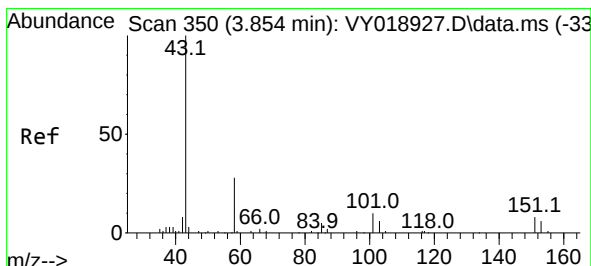
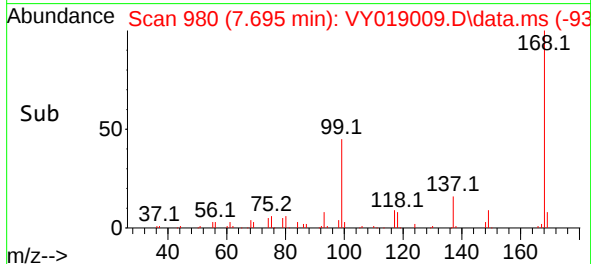
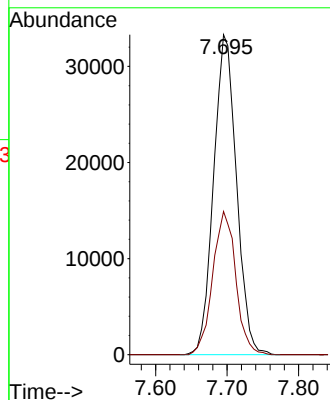
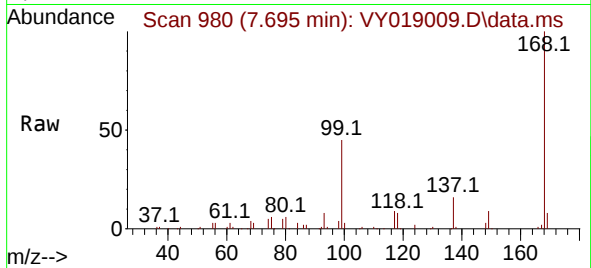




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019009.D
Acq: 12 Aug 2024 18:01

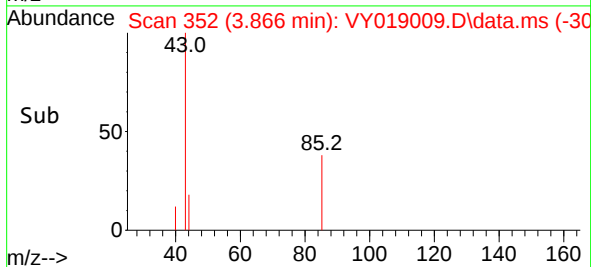
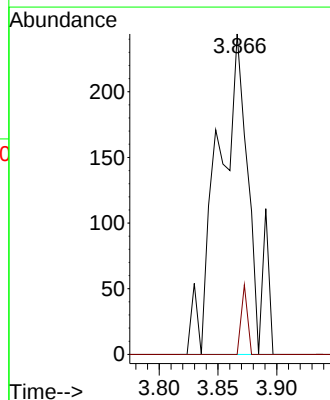
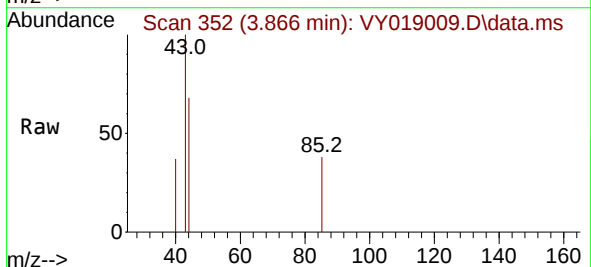
Instrument :
MSVOA_Y
ClientSampleId :

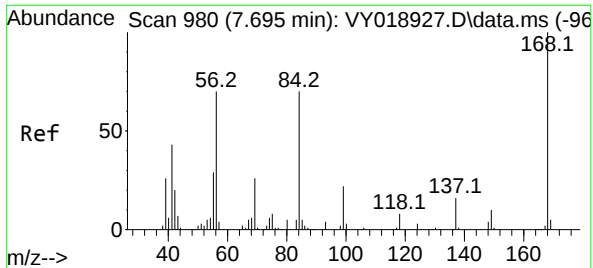
Tgt Ion:168 Resp: 73948
Ion Ratio Lower Upper
168 100
99 44.8 39.1 58.7



#16
Acetone
Concen: 15.123 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY019009.D
Acq: 12 Aug 2024 18:01

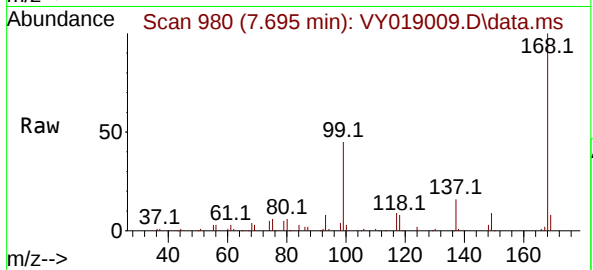
Tgt Ion: 43 Resp: 459
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



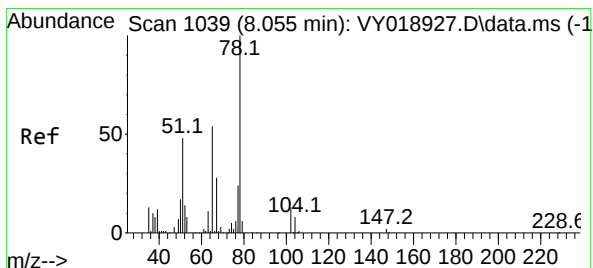
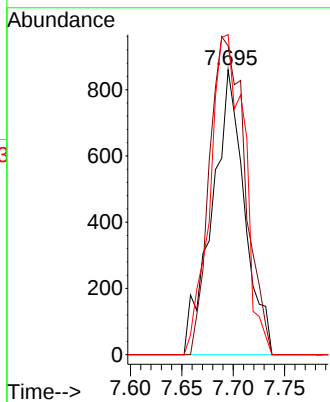
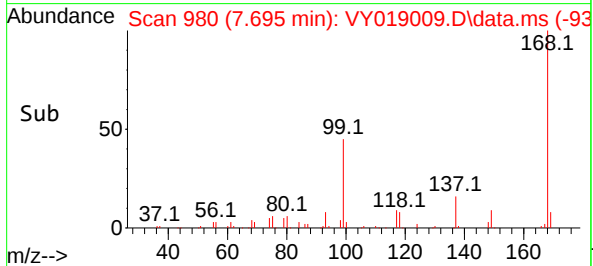


#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019009.D
Acq: 12 Aug 2024 18:01

Instrument :
MSVOA_Y
ClientSampleId :

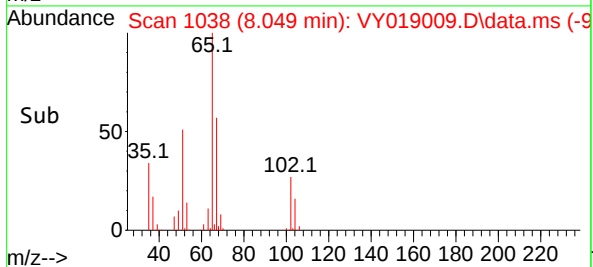
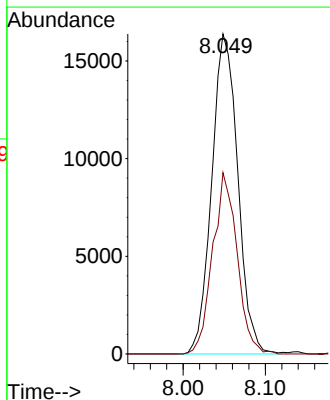
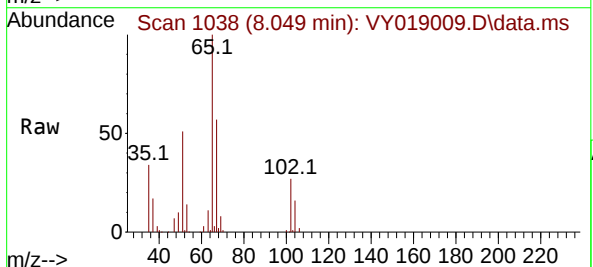


Tgt Ion: 56 Resp: 1886
Ion Ratio Lower Upper
56 100
69 108.4 28.7 43.1#
84 112.3 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 55.534 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY019009.D
Acq: 12 Aug 2024 18:01

Tgt Ion: 65 Resp: 36056
Ion Ratio Lower Upper
65 100
67 53.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY019009.D

Acq: 12 Aug 2024 18:01

Instrument :

MSVOA_Y

ClientSampleId :

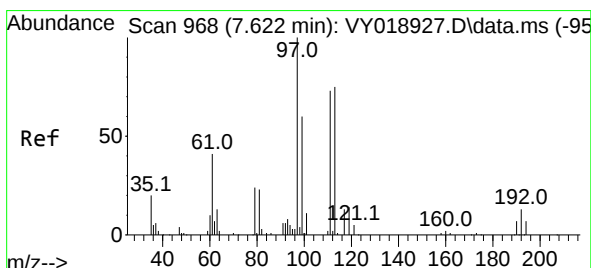
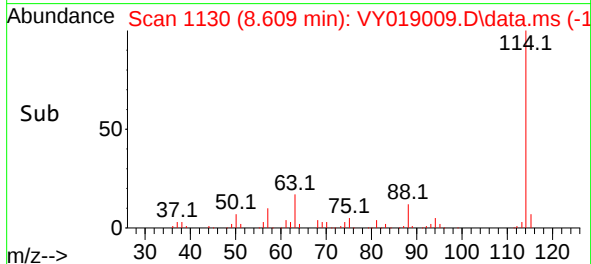
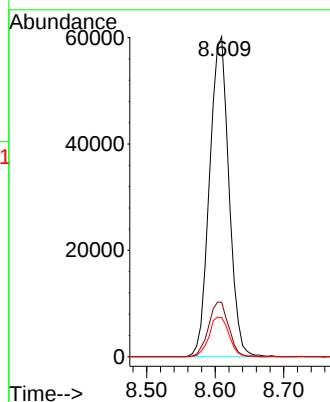
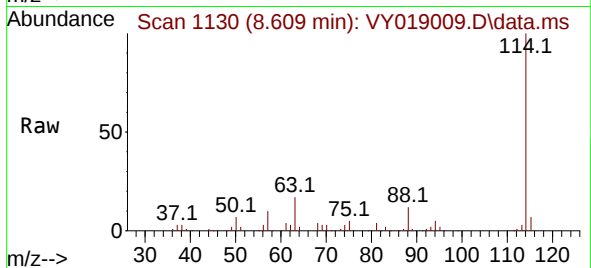
Tgt Ion:114 Resp: 118038

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 12.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.703 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY019009.D

Acq: 12 Aug 2024 18:01

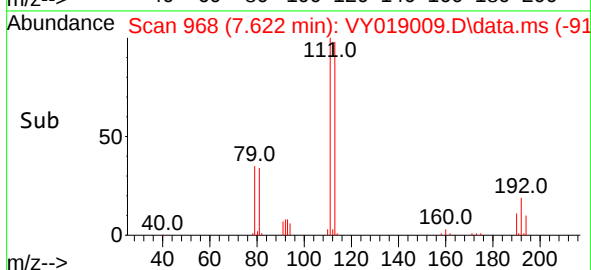
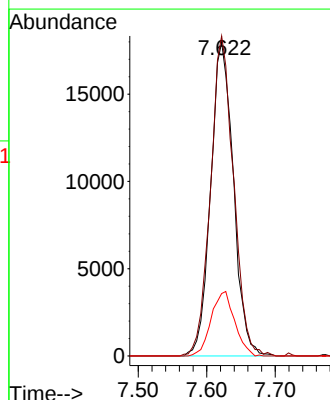
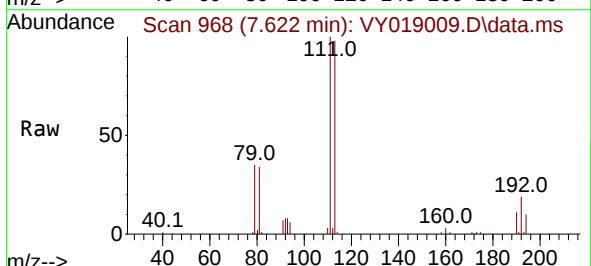
Tgt Ion:113 Resp: 41240

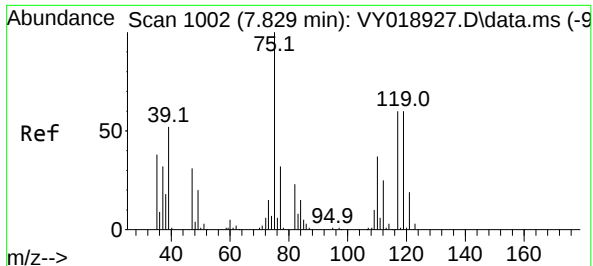
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

192 21.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.248 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY019009.D

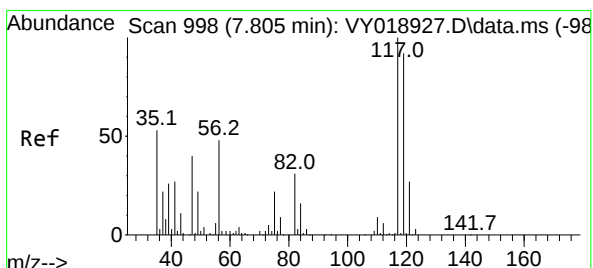
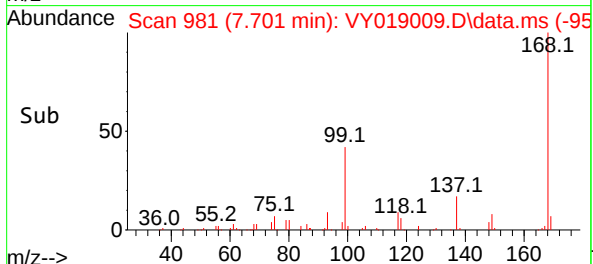
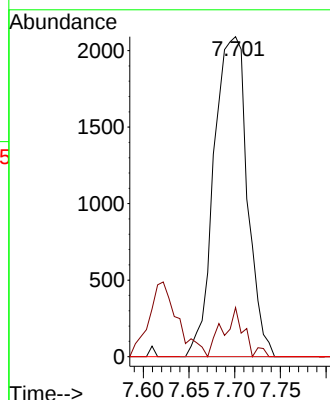
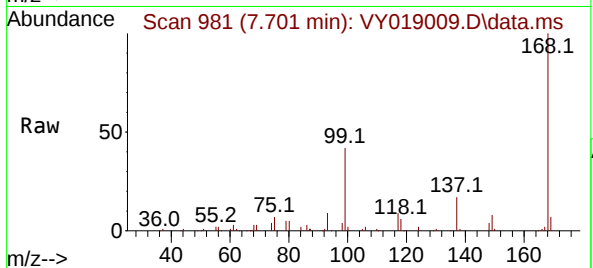
Acq: 12 Aug 2024 18:01

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 5311
Ion Ratio	Lower Upper
75 100	
110 9.8	19.0 57.0#
77 0.0	25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.617 ug/l

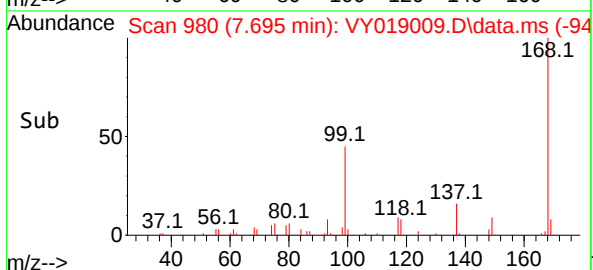
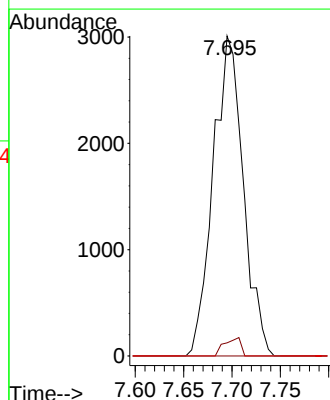
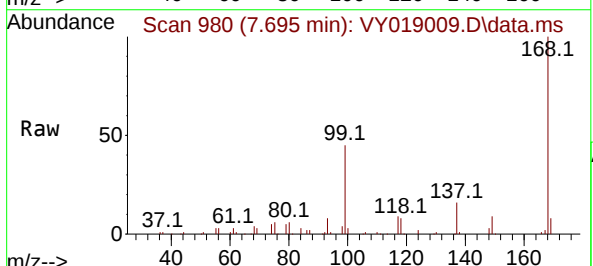
RT: 7.695 min Scan# 980

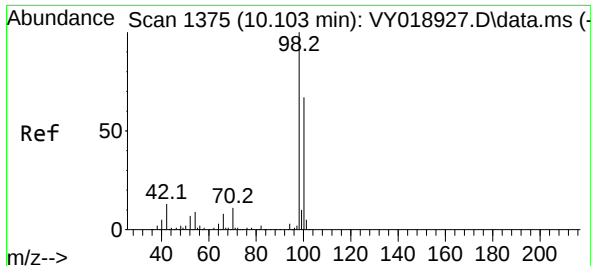
Delta R.T. -0.110 min

Lab File: VY019009.D

Acq: 12 Aug 2024 18:01

Tgt Ion: 117	Resp: 6518
Ion Ratio	Lower Upper
117 100	
119 4.1	75.8 113.6#
121 0.0	24.0 36.0#

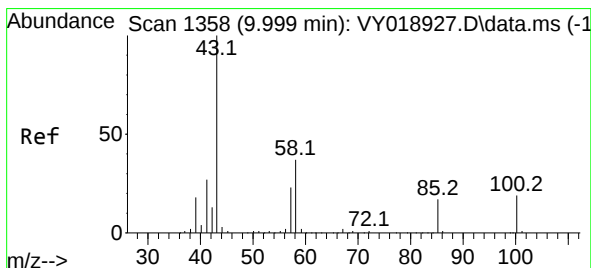
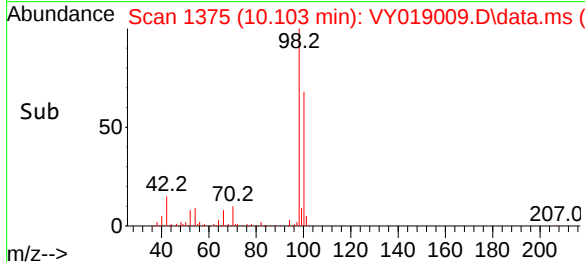
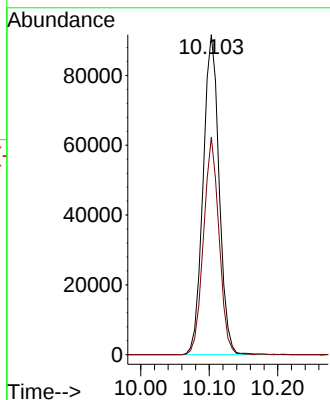
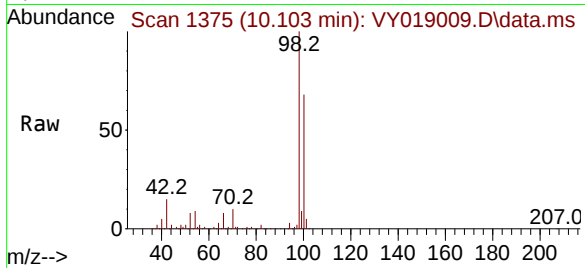




#50
Toluene-d8
Concen: 51.575 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY019009.D
Acq: 12 Aug 2024 18:01

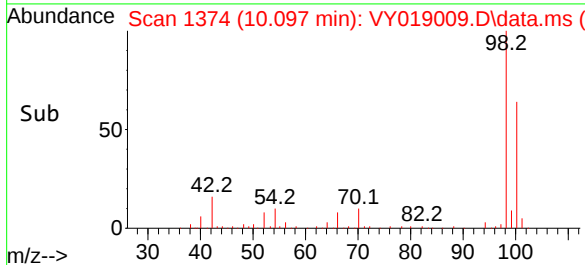
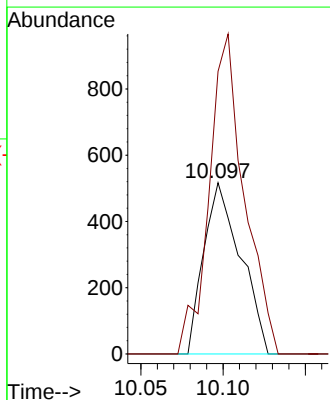
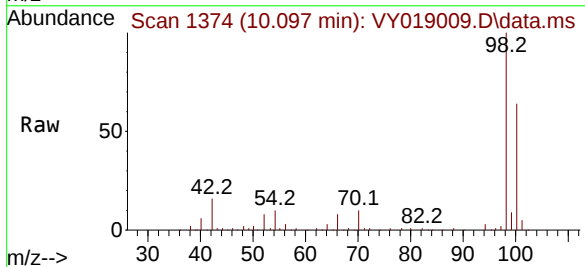
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 149348
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.663 ug/l
RT: 10.097 min Scan# 1374
Delta R.T. 0.097 min
Lab File: VY019009.D
Acq: 12 Aug 2024 18:01

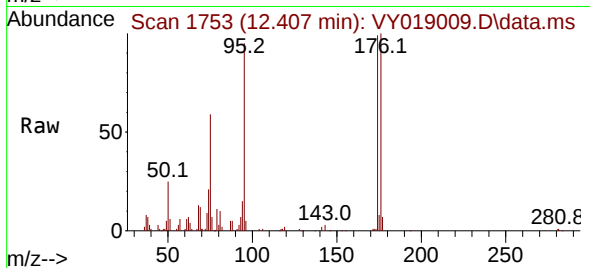
Tgt Ion: 43 Resp: 807
Ion Ratio Lower Upper
43 100
58 178.1 35.7 53.5#



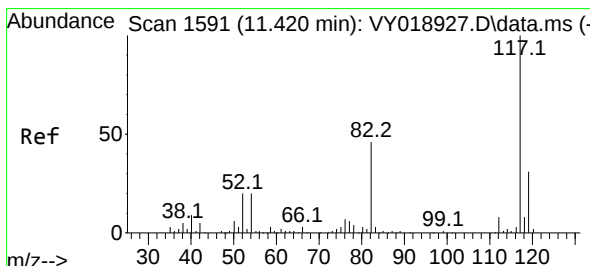
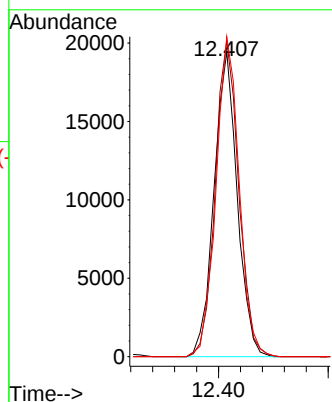
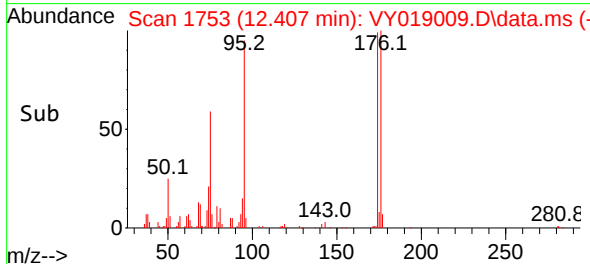


#62
4-Bromofluorobenzene
Concen: 33.271 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY019009.D
Acq: 12 Aug 2024 18:01

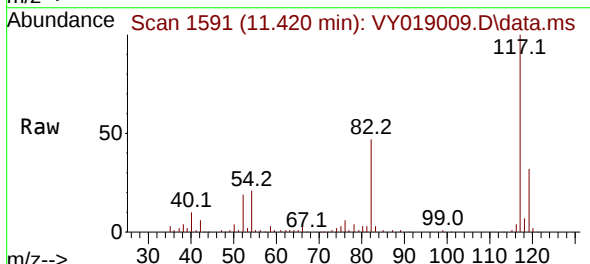
Instrument :
MSVOA_Y
ClientSampleId :



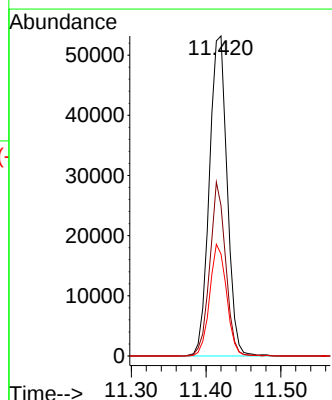
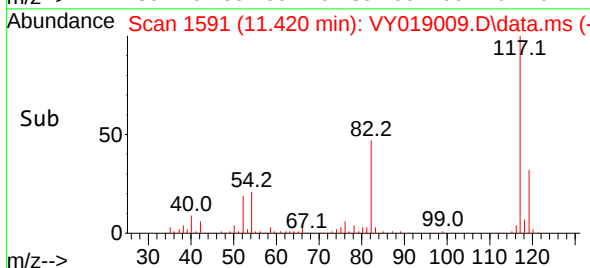
Tgt Ion: 95 Resp: 28583
Ion Ratio Lower Upper
95 100
174 105.1 0.0 175.6
176 104.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY019009.D
Acq: 12 Aug 2024 18:01



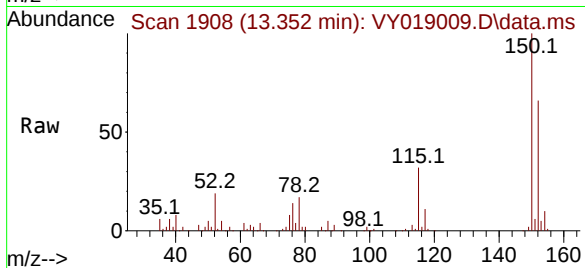
Tgt Ion: 117 Resp: 87906
Ion Ratio Lower Upper
117 100
82 47.0 42.4 63.6
119 31.8 25.9 38.9



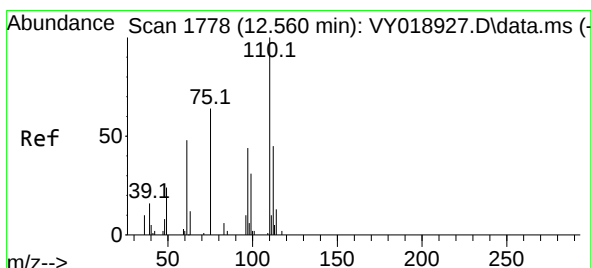
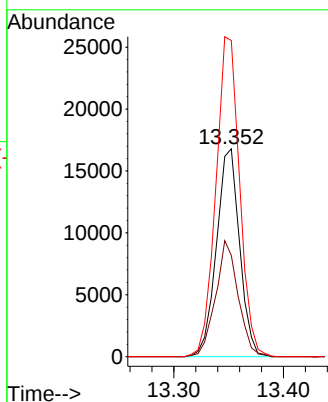
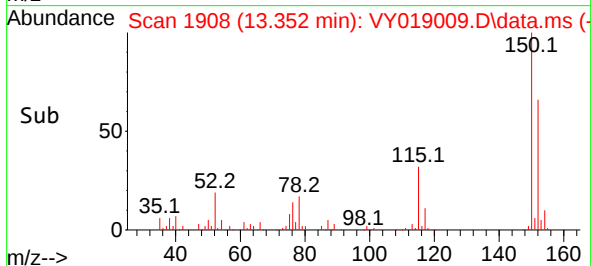


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY019009.D
Acq: 12 Aug 2024 18:01

Instrument :
MSVOA_Y
ClientSampleId :

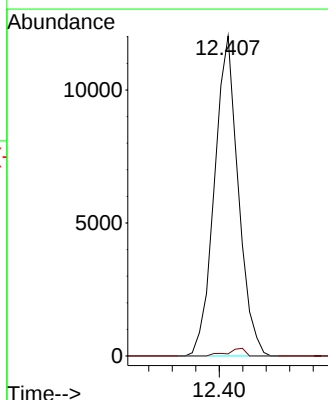
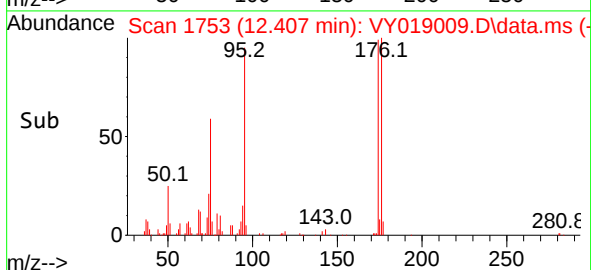
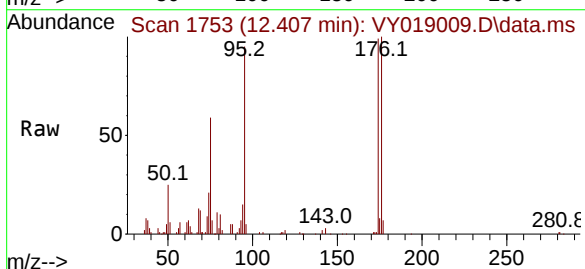


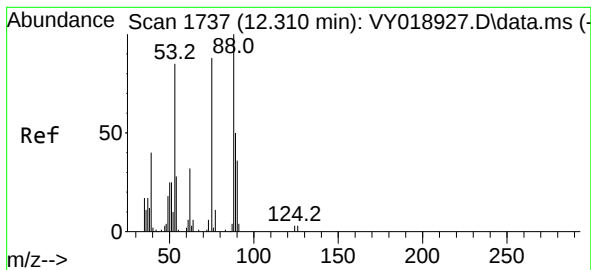
Tgt Ion:152 Resp: 24576
Ion Ratio Lower Upper
152 100
115 54.7 28.2 84.7
150 158.0 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 92.732 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.153 min
Lab File: VY019009.D
Acq: 12 Aug 2024 18:01

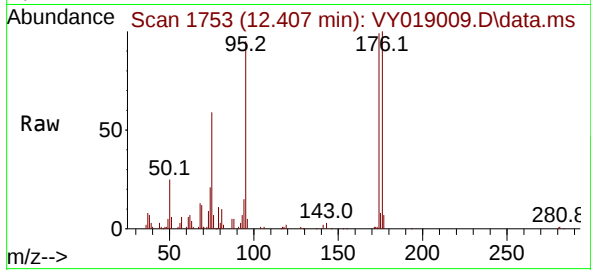
Tgt Ion: 75 Resp: 16978
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 191.082 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY019009.D
Acq: 12 Aug 2024 18:01

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

