

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019035.D
 Acq On : 13 Aug 2024 17:33
 Operator : SY/MD
 Sample : P3519-23
 Misc : 6.46g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

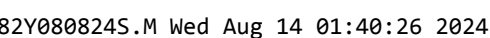
Quant Time: Aug 14 01:40:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

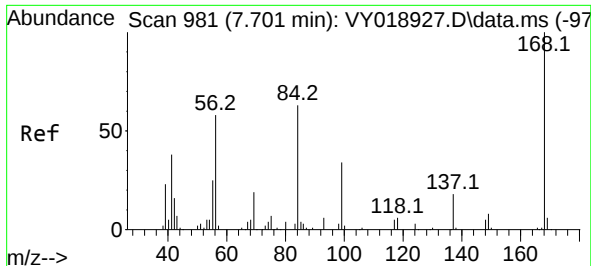
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.695	168	55994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	96710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	86961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	33490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	26692	54.294	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.580%	
35) Dibromofluoromethane	7.622	113	30590	49.524	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.040%	
50) Toluene-d8	10.103	98	115875	48.841	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.680%	
62) 4-Bromofluorobenzene	12.408	95	29006	41.209	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 82.420%	
Target Compounds						Qvalue
3) Chloromethane	2.056	50	67	Below Cal	#	43
11) Tert butyl alcohol	4.848	59	94	Below Cal	#	88
16) Acetone	3.842	43	48	12.885	ug/l #	1
20) Methylene Chloride	4.592	84	1709	Below Cal	#	81
31) Cyclohexane	7.695	56	1479	Below Cal	#	48
36) 1,1-Dichloropropene	7.695	75	4345	5.240	ug/l #	47
38) Carbon Tetrachloride	7.695	117	5214	5.485	ug/l #	18
41) Methacrylonitrile	7.207	41	72	Below Cal	#	15
51) 4-Methyl-2-Pentanone	10.103	43	773	1.945	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	17845	71.524	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	17845	147.383	ug/l #	16

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

Quant Time: Aug 14 01:40:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
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Response via : Initial Calibration

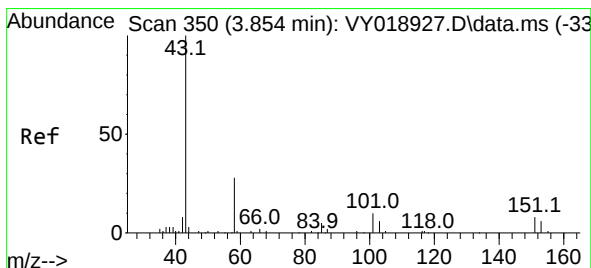
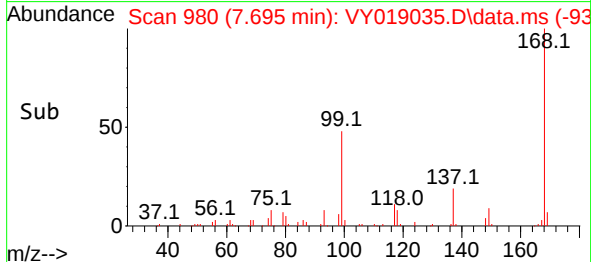
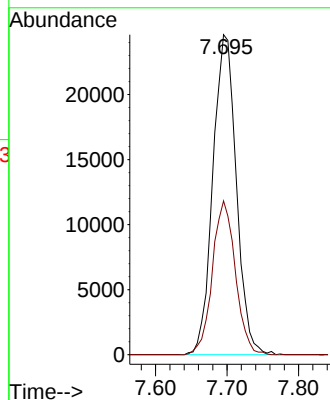
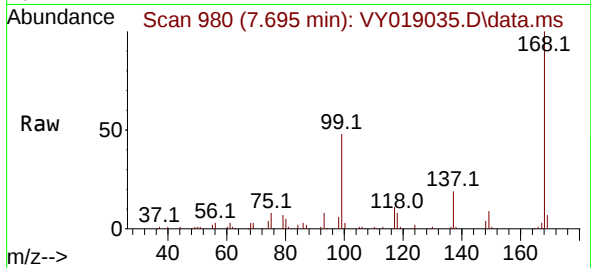




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019035.D
Acq: 13 Aug 2024 17:33

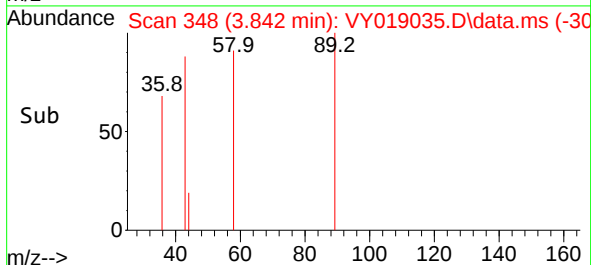
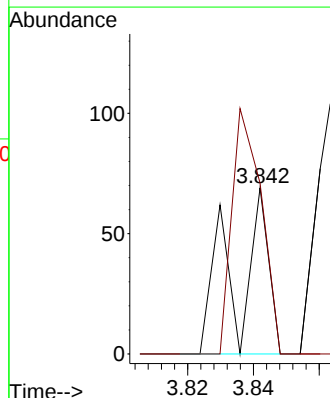
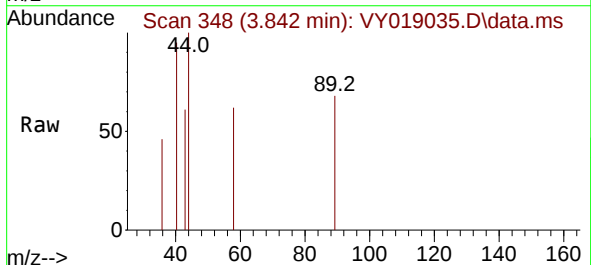
Instrument :
MSVOA_Y
ClientSampleId :

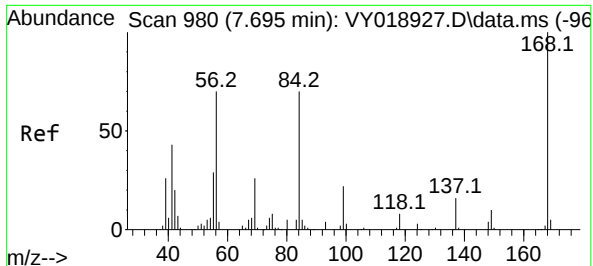
Tgt Ion:168 Resp: 55994
Ion Ratio Lower Upper
168 100
99 48.0 39.1 58.7



#16
Acetone
Concen: 12.885 ug/l
RT: 3.842 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY019035.D
Acq: 13 Aug 2024 17:33

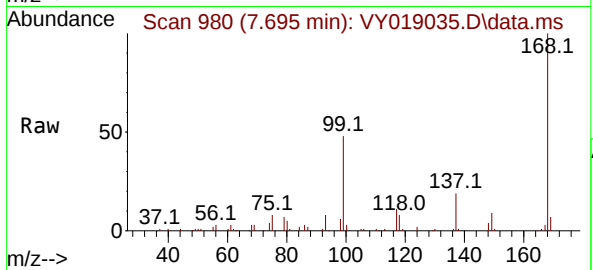
Tgt Ion: 43 Resp: 48
Ion Ratio Lower Upper
43 100
58 102.9 31.7 47.5#



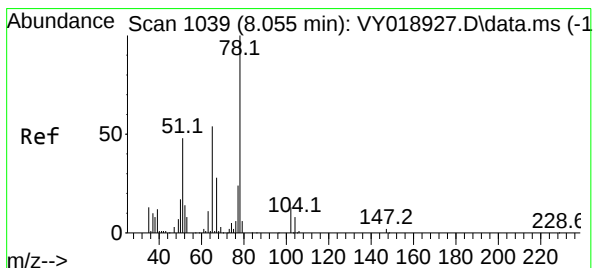
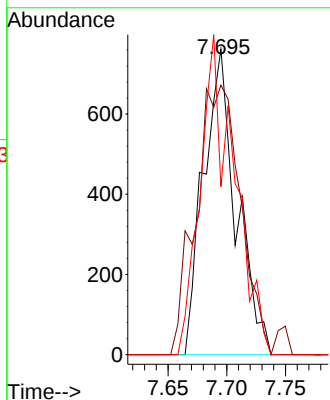
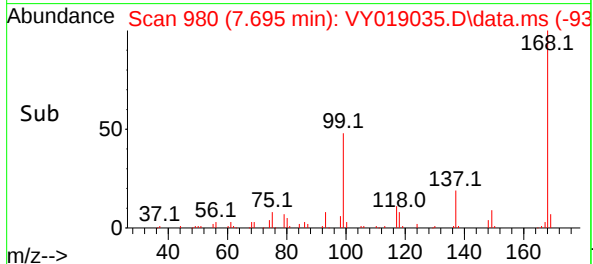


#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019035.D
Acq: 13 Aug 2024 17:33

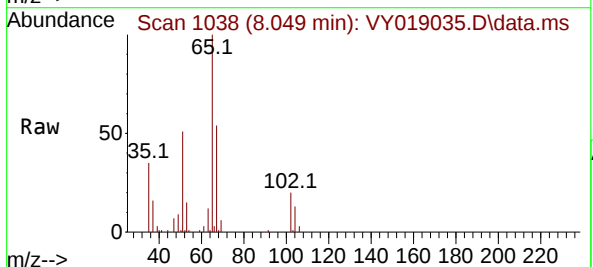
Instrument :
MSVOA_Y
ClientSampleId :



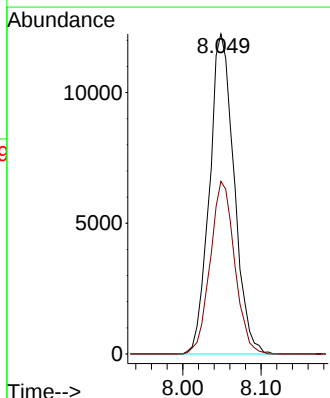
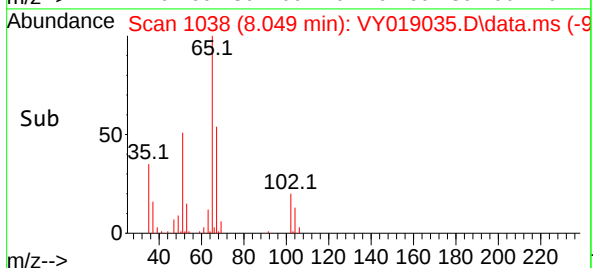
Tgt Ion: 56 Resp: 1479
Ion Ratio Lower Upper
56 100
69 80.3 28.7 43.1#
84 55.0 77.7 116.5#

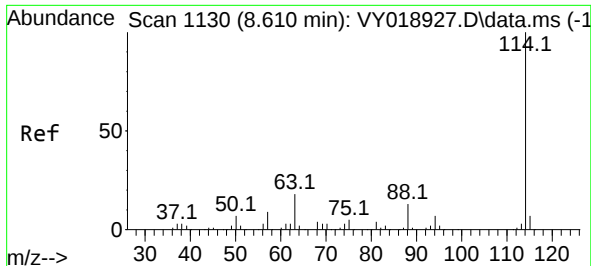


#33
1,2-Dichloroethane-d4
Concen: 54.294 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY019035.D
Acq: 13 Aug 2024 17:33



Tgt Ion: 65 Resp: 26692
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019035.D

Acq: 13 Aug 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

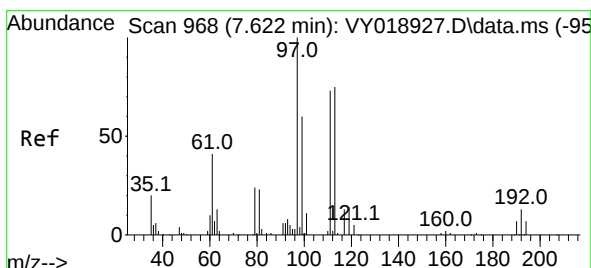
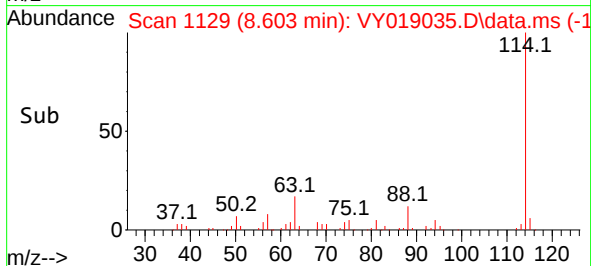
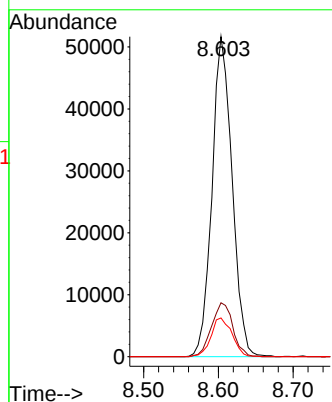
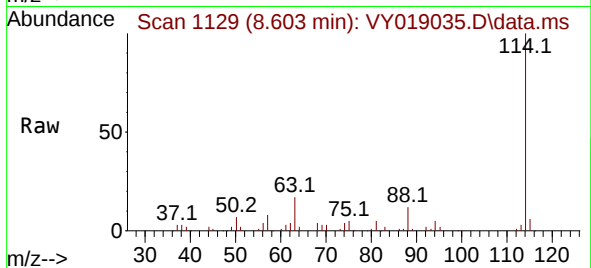
Tgt Ion:114 Resp: 96710

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 12.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.524 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY019035.D

Acq: 13 Aug 2024 17:33

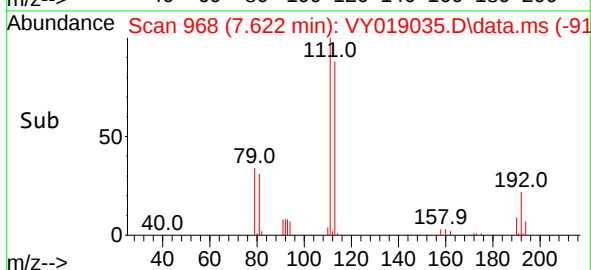
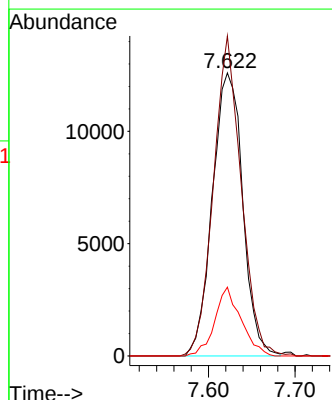
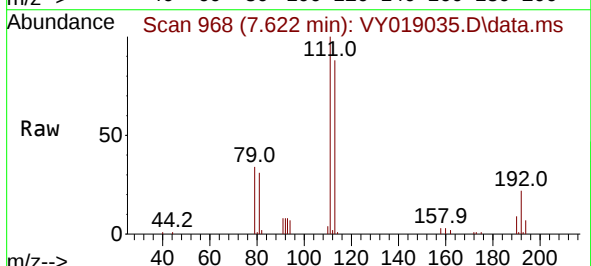
Tgt Ion:113 Resp: 30590

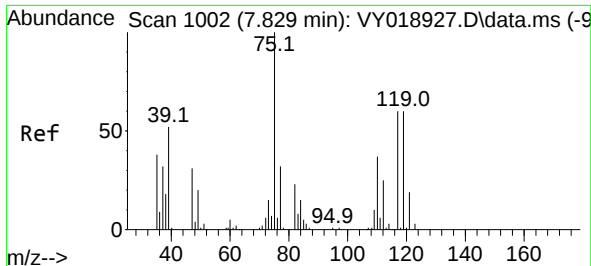
Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

192 21.1 15.9 23.9

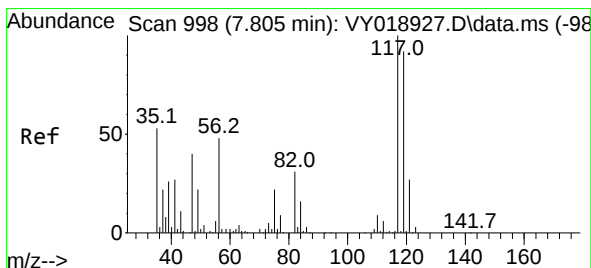
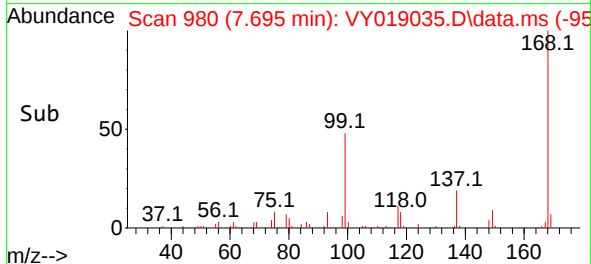
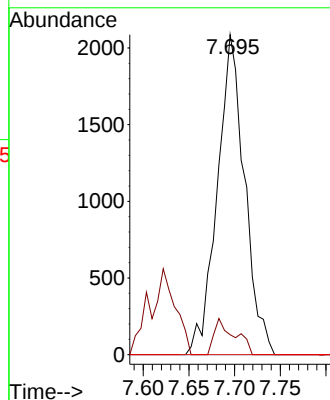
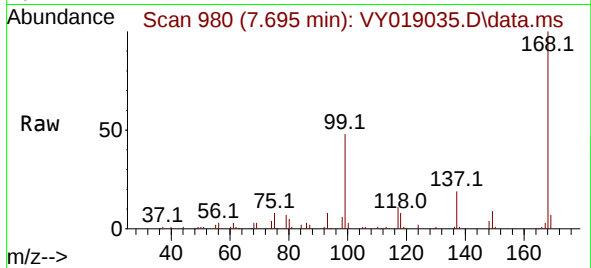




#36
1,1-Dichloropropene
Concen: 5.240 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY019035.D
Acq: 13 Aug 2024 17:33

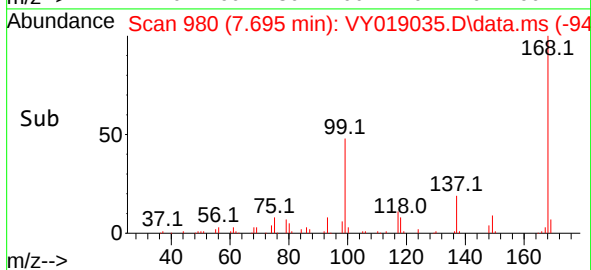
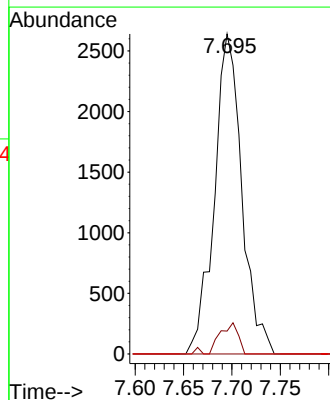
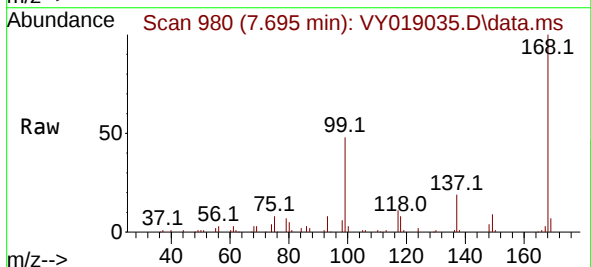
Instrument :
MSVOA_Y
ClientSampleId :

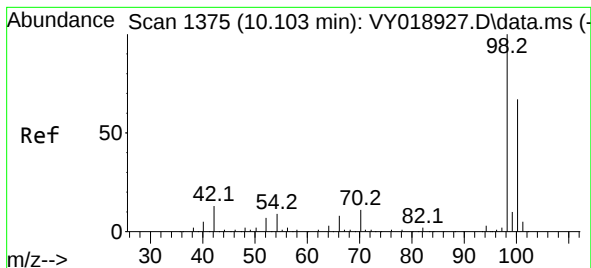
Tgt Ion: 75 Resp: 4345
Ion Ratio Lower Upper
75 100
110 8.4 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.485 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY019035.D
Acq: 13 Aug 2024 17:33

Tgt Ion: 117 Resp: 5214
Ion Ratio Lower Upper
117 100
119 7.2 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 48.841 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY019035.D

Acq: 13 Aug 2024 17:33

Instrument :

MSVOA_Y

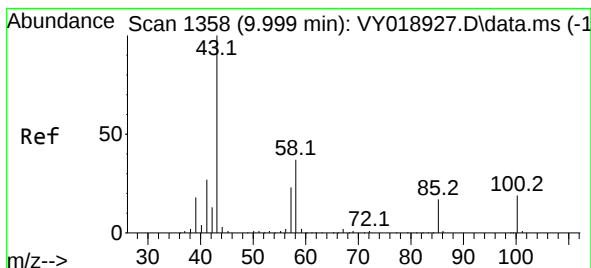
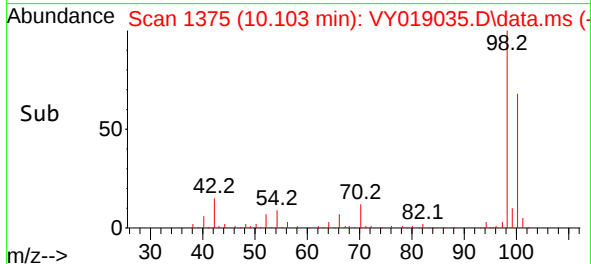
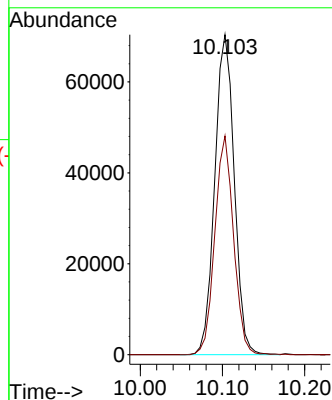
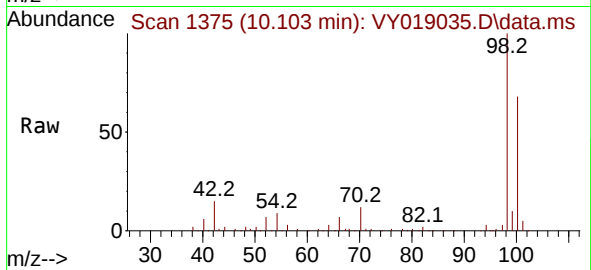
ClientSampleId :

Tgt Ion: 98 Resp: 115875

Ion Ratio Lower Upper

98 100

100 65.9 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.945 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.104 min

Lab File: VY019035.D

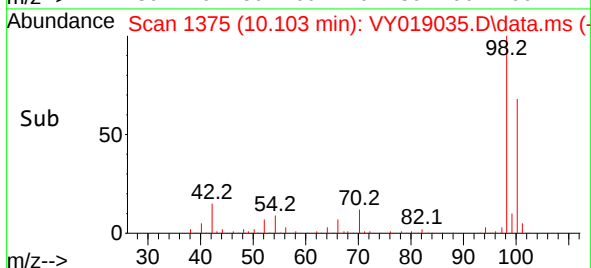
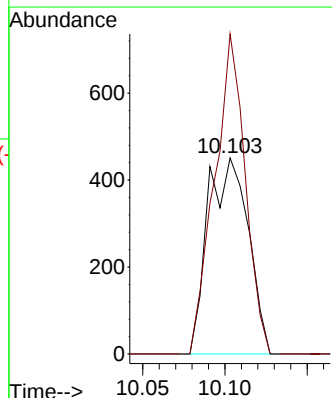
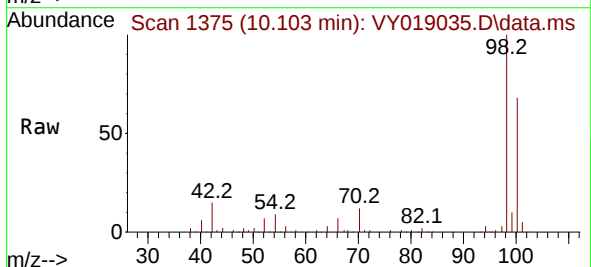
Acq: 13 Aug 2024 17:33

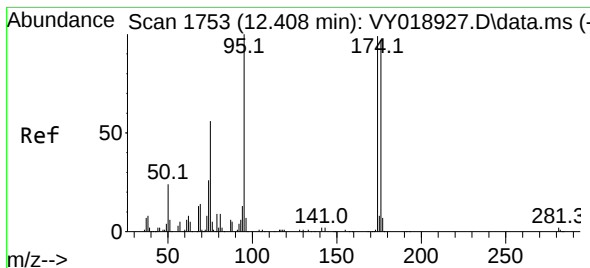
Tgt Ion: 43 Resp: 773

Ion Ratio Lower Upper

43 100

58 124.1 35.7 53.5#

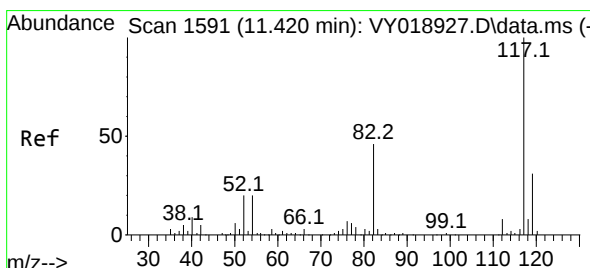
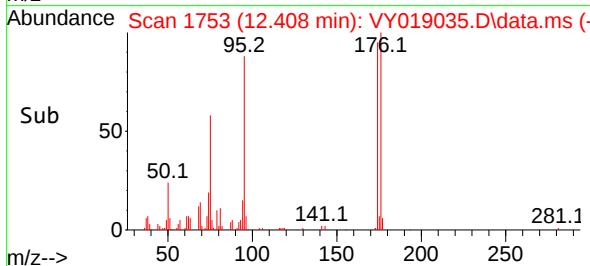
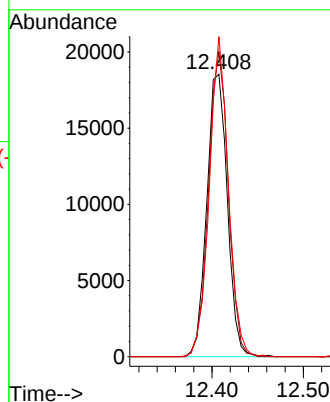
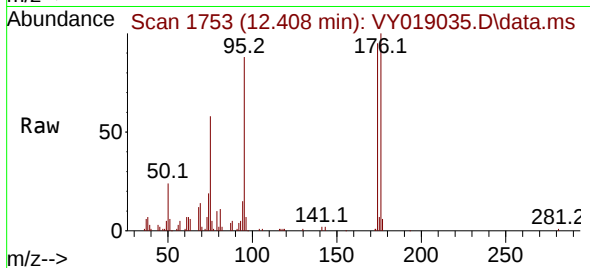




#62
4-Bromofluorobenzene
Concen: 41.209 ug/l
RT: 12.408 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019035.D
Acq: 13 Aug 2024 17:33

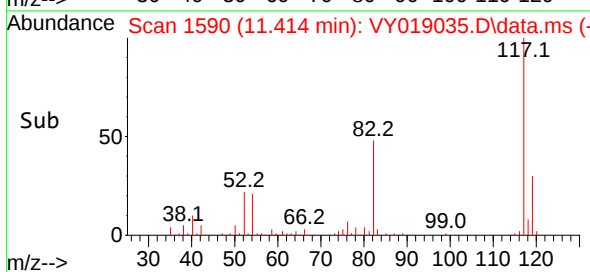
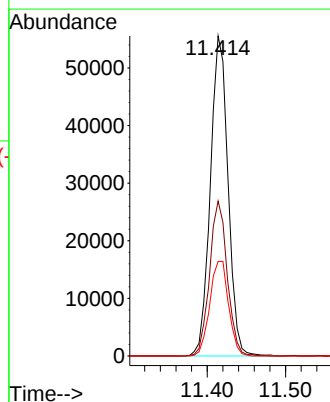
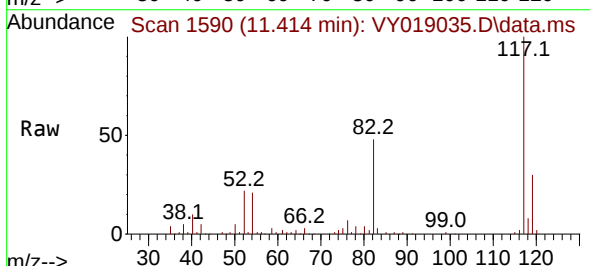
Instrument :
MSVOA_Y
ClientSampleId :

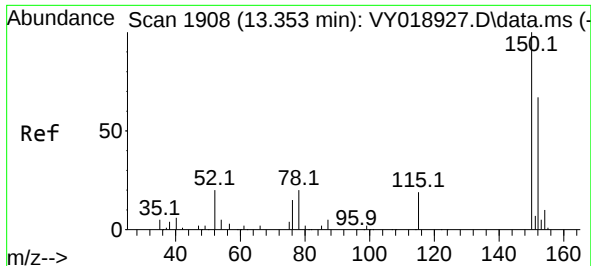
Tgt Ion:	95	Resp:	29006
Ion	Ratio	Lower	Upper
95	100		
174	104.4	0.0	175.6
176	104.8	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019035.D
Acq: 13 Aug 2024 17:33

Tgt Ion:	117	Resp:	86961
Ion	Ratio	Lower	Upper
117	100		
82	48.4	42.4	63.6
119	29.6	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VY019035.D

Acq: 13 Aug 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

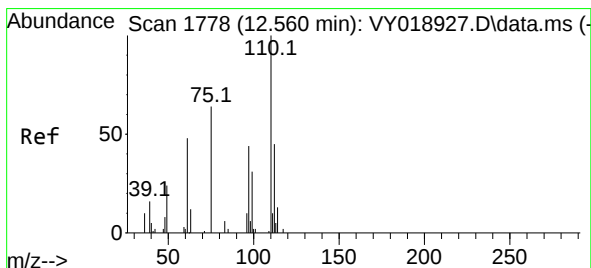
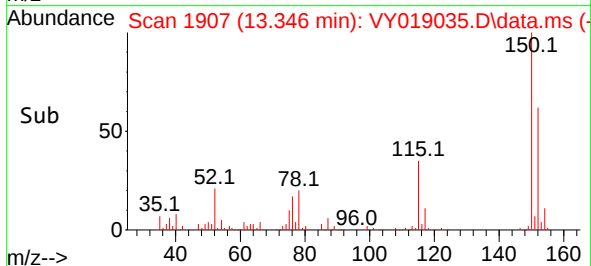
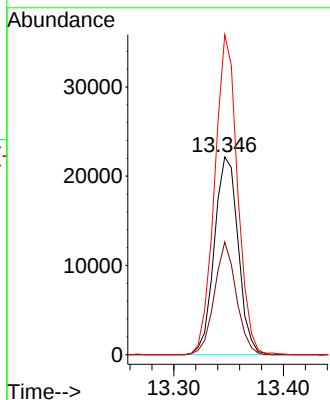
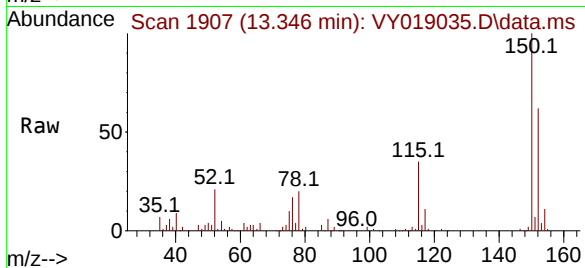
Tgt Ion:152 Resp: 33490

Ion Ratio Lower Upper

152 100

115 52.4 28.2 84.7

150 155.6 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 71.524 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019035.D

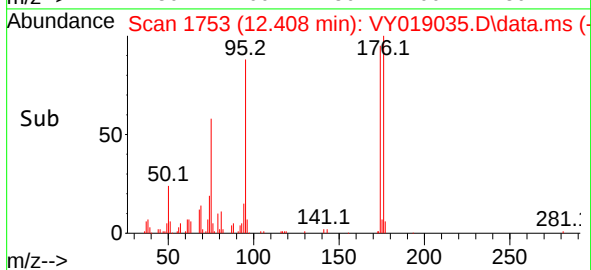
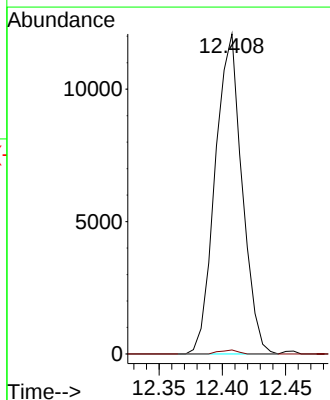
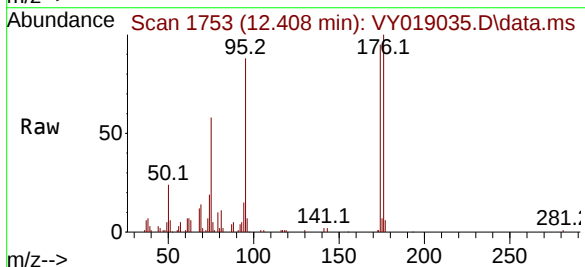
Acq: 13 Aug 2024 17:33

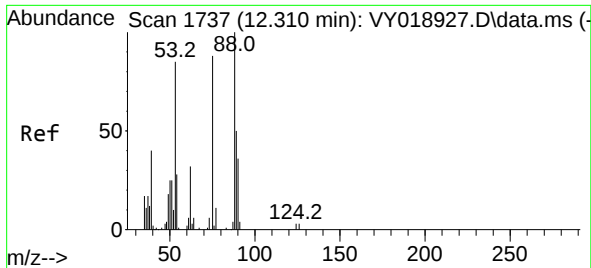
Tgt Ion: 75 Resp: 17845

Ion Ratio Lower Upper

75 100

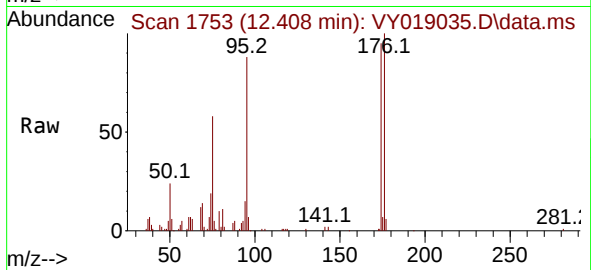
77 0.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 147.383 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY019035.D
 Acq: 13 Aug 2024 17:33

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	17845
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

