

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019025.D
 Acq On : 13 Aug 2024 13:28
 Operator : SY/MD
 Sample : P3519-03
 Misc : 4.18g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 14 01:36:19 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)

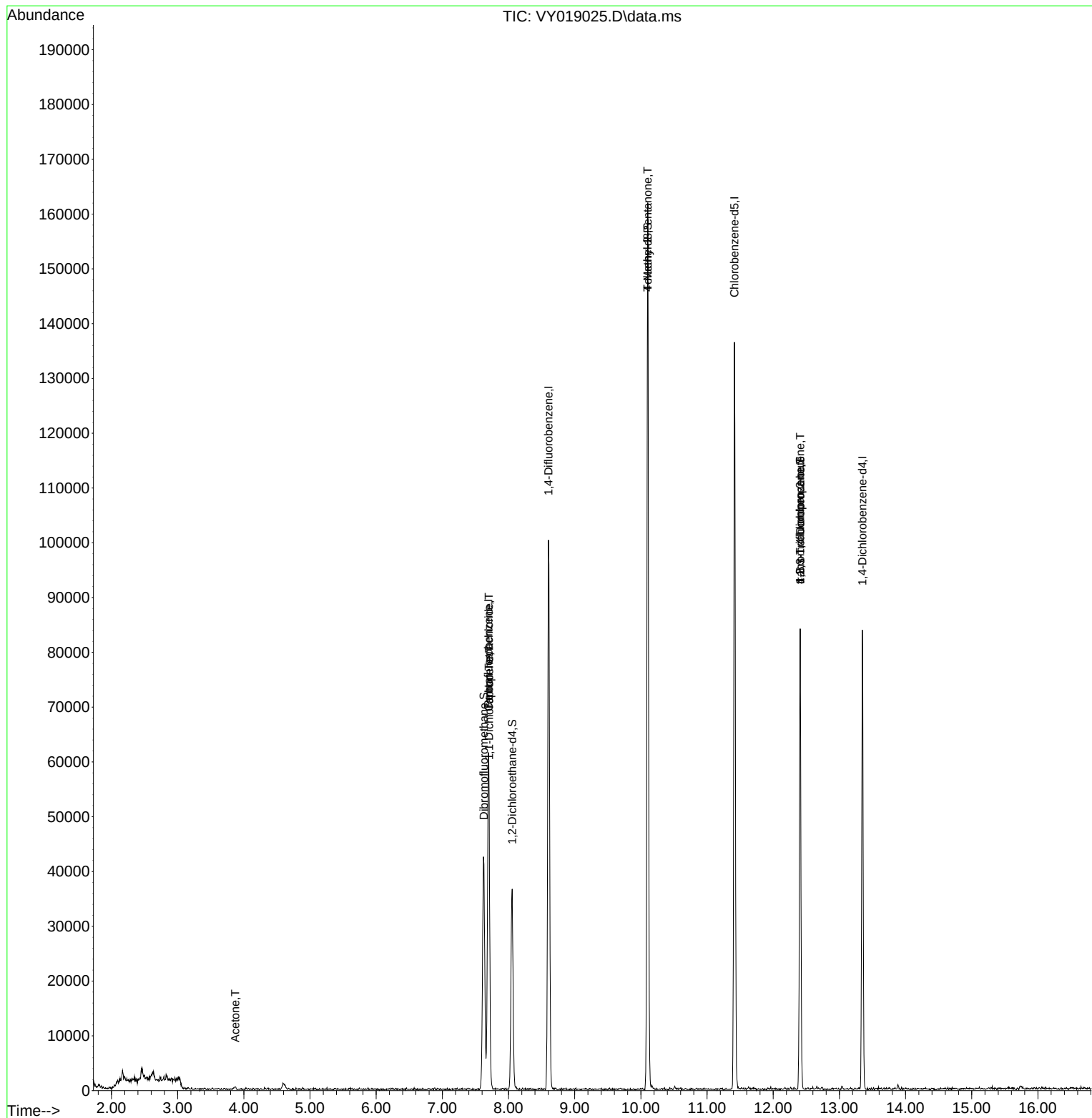
Internal Standards						
1) Pentafluorobenzene	7.695	168	50332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	84085	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	64929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	18813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	22582	51.101	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.200%	
35) Dibromofluoromethane	7.628	113	27462	51.136	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.280%	
50) Toluene-d8	10.103	98	95718	46.402	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.800%	
62) 4-Bromofluorobenzene	12.408	95	19736	32.249	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 64.500%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.086	50	47	Below Cal	#	43
11) Tert butyl alcohol	4.787	59	50	Below Cal	#	88
16) Acetone	3.873	43	589	17.423	ug/l #	69
20) Methylene Chloride	4.598	84	743	Below Cal	#	58
31) Cyclohexane	7.689	56	1286	Below Cal	#	74
36) 1,1-Dichloropropene	7.707	75	3537	4.906	ug/l #	47
38) Carbon Tetrachloride	7.701	117	4897	5.925	ug/l #	15
41) Methacrylonitrile	7.220	41	21	Below Cal	#	1
51) 4-Methyl-2-Pentanone	10.103	43	474	1.372	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	11802	84.207	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	11802	173.517	ug/l #	16

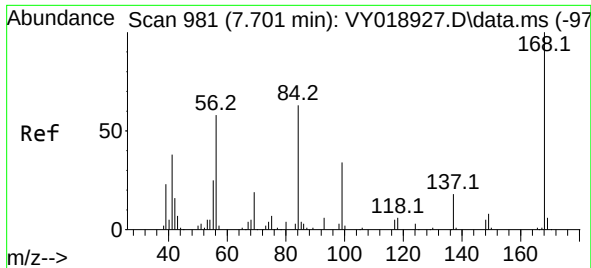
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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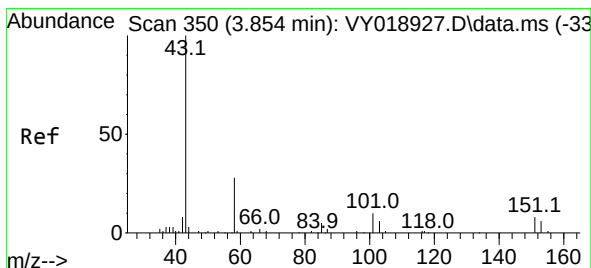
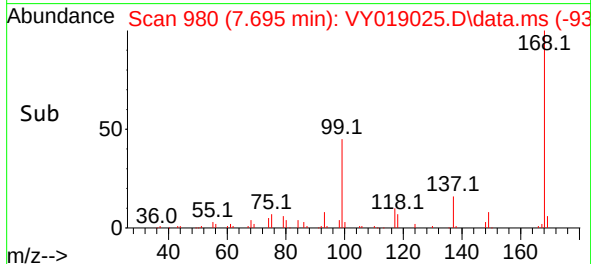
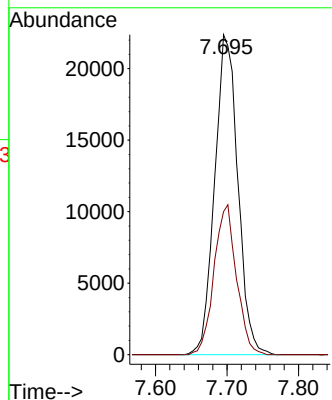
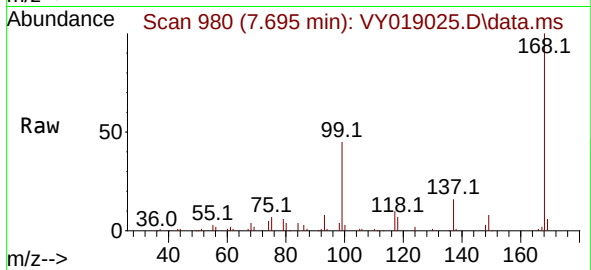




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019025.D
Acq: 13 Aug 2024 13:28

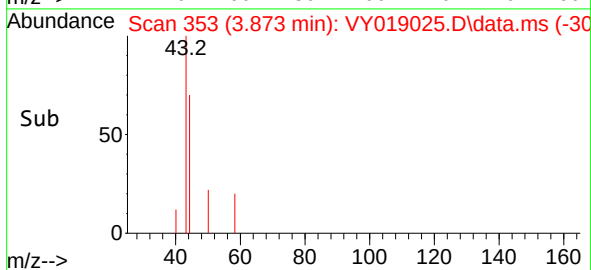
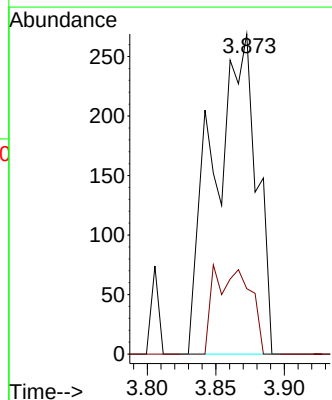
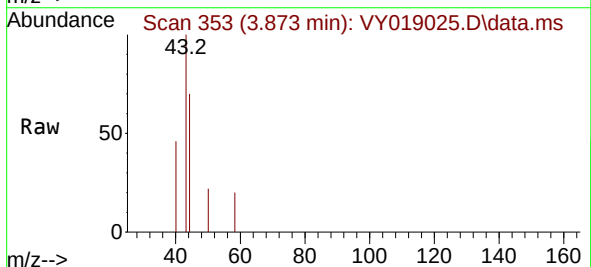
Instrument :
MSVOA_Y
ClientSampleId :

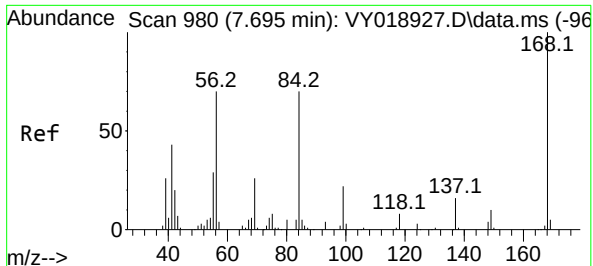
Tgt Ion:168 Resp: 50332
Ion Ratio Lower Upper
168 100
99 44.7 39.1 58.7



#16
Acetone
Concen: 17.423 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.018 min
Lab File: VY019025.D
Acq: 13 Aug 2024 13:28

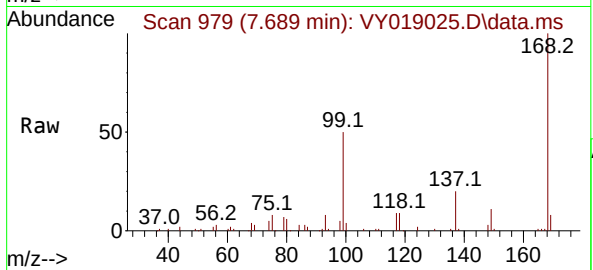
Tgt Ion: 43 Resp: 589
Ion Ratio Lower Upper
43 100
58 20.4 31.7 47.5#



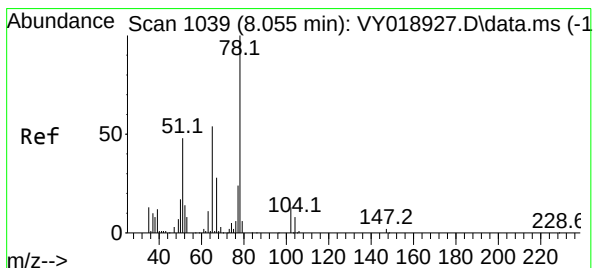
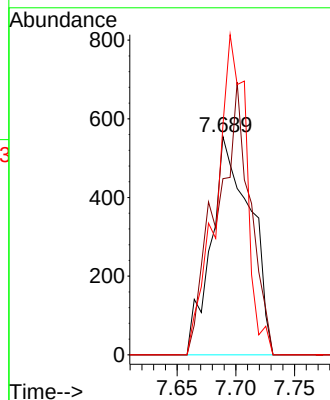
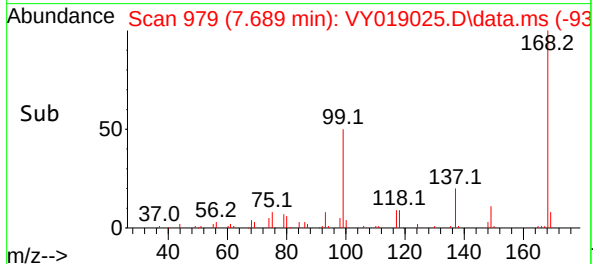


#31
Cyclohexane
Concen: Below Cal
RT: 7.689 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019025.D
Acq: 13 Aug 2024 13:28

Instrument :
MSVOA_Y
ClientSampleId :

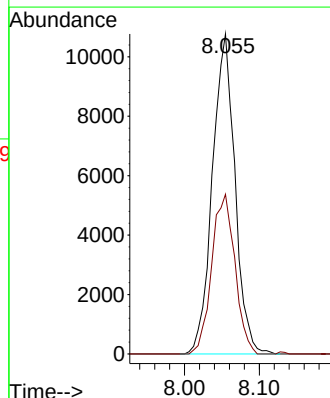
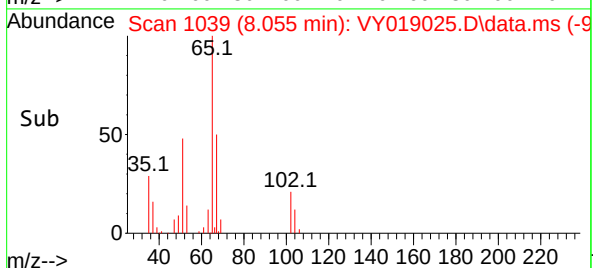
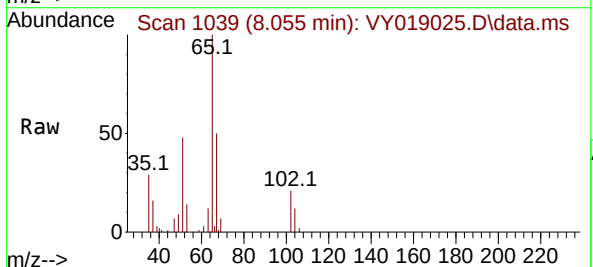


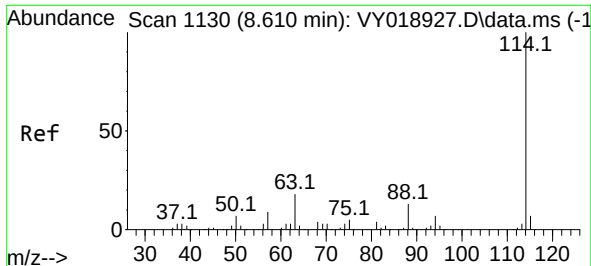
Tgt Ion: 56 Resp: 1286
Ion Ratio Lower Upper
56 100
69 80.7 28.7 43.1#
84 105.0 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 51.101 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY019025.D
Acq: 13 Aug 2024 13:28

Tgt Ion: 65 Resp: 22582
Ion Ratio Lower Upper
65 100
67 51.3 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: VY019025.D

Acq: 13 Aug 2024 13:28

Instrument :

MSVOA_Y

ClientSampleId :

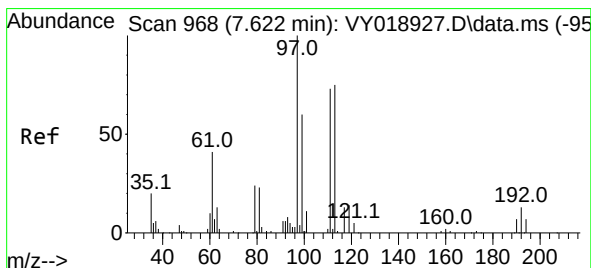
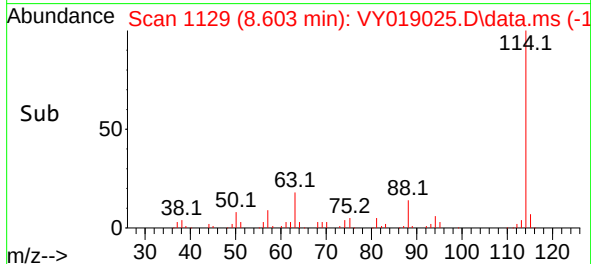
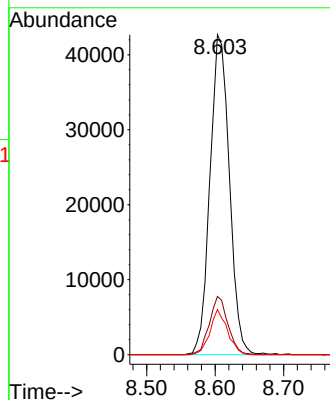
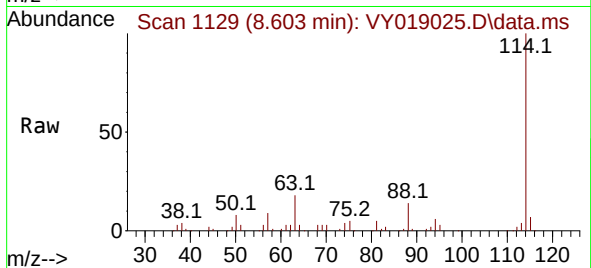
Tgt Ion:114 Resp: 84085

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.136 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019025.D

Acq: 13 Aug 2024 13:28

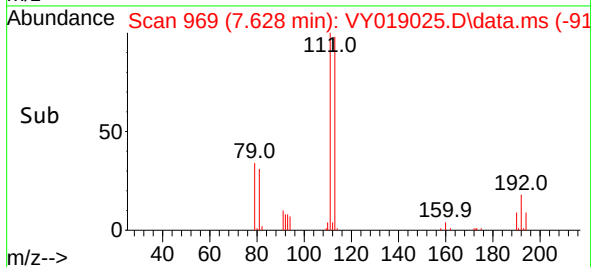
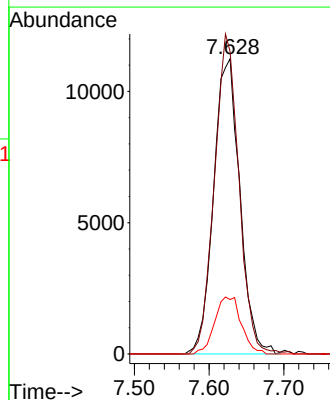
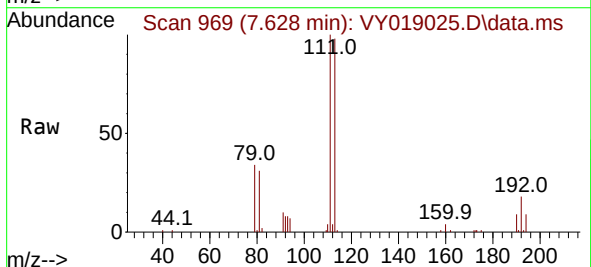
Tgt Ion:113 Resp: 27462

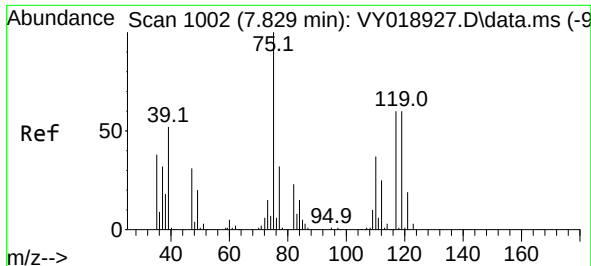
Ion Ratio Lower Upper

113 100

111 101.0 82.2 123.4

192 19.5 15.9 23.9

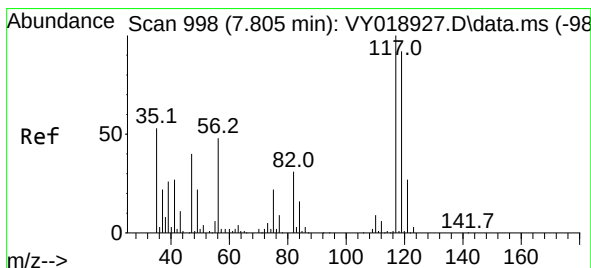
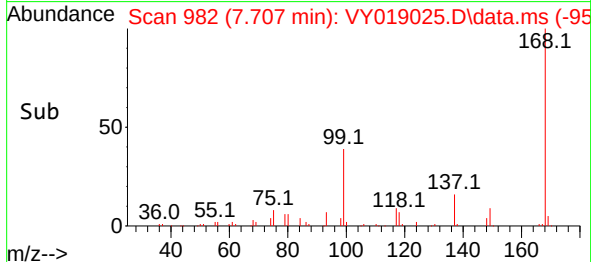
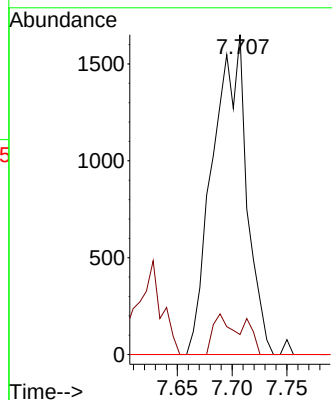
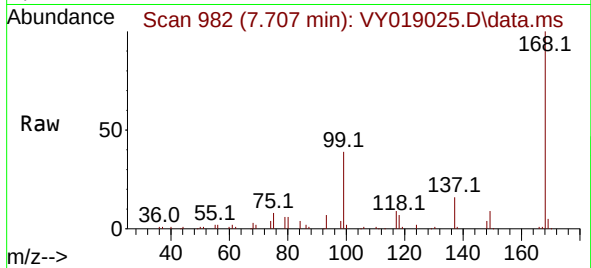




#36
1,1-Dichloropropene
Concen: 4.906 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY019025.D
Acq: 13 Aug 2024 13:28

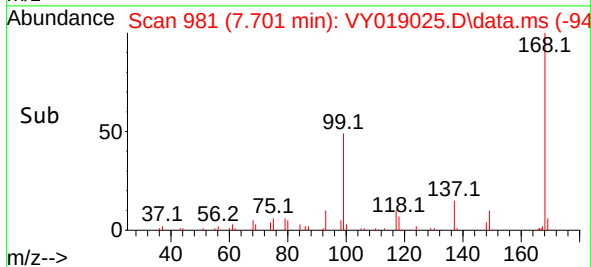
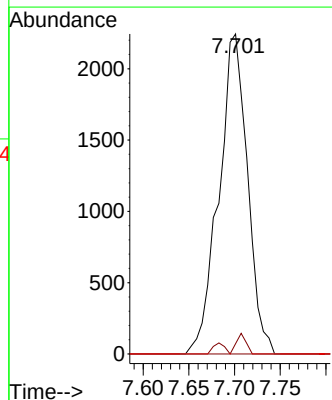
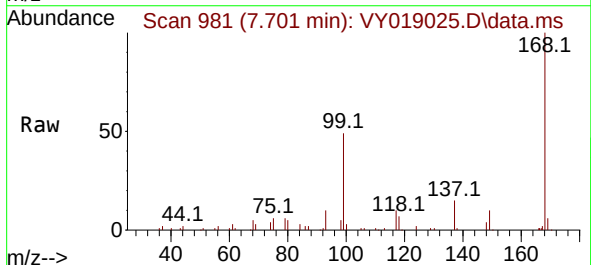
Instrument :
MSVOA_Y
ClientSampleId :

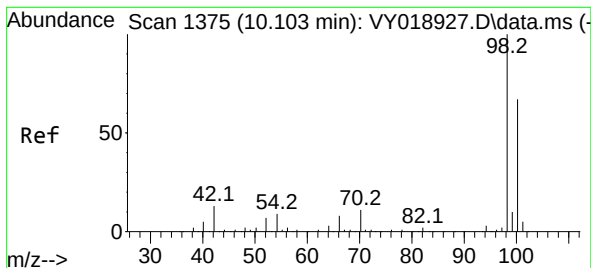
Tgt Ion: 75 Resp: 3537
Ion Ratio Lower Upper
75 100
110 7.6 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.925 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY019025.D
Acq: 13 Aug 2024 13:28

Tgt Ion: 117 Resp: 4897
Ion Ratio Lower Upper
117 100
119 3.2 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 46.402 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY019025.D

Acq: 13 Aug 2024 13:28

Instrument :

MSVOA_Y

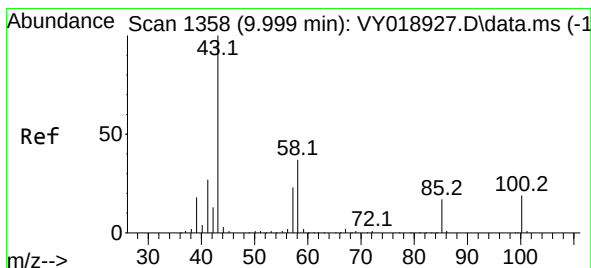
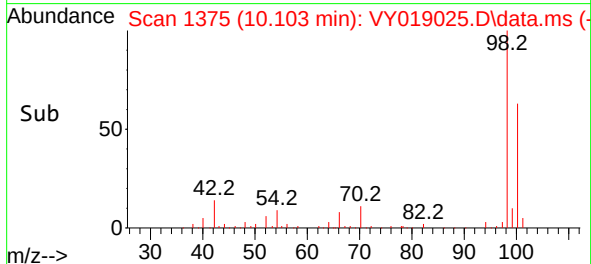
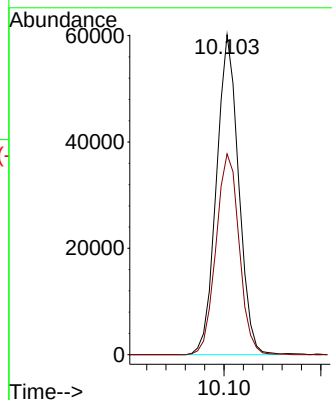
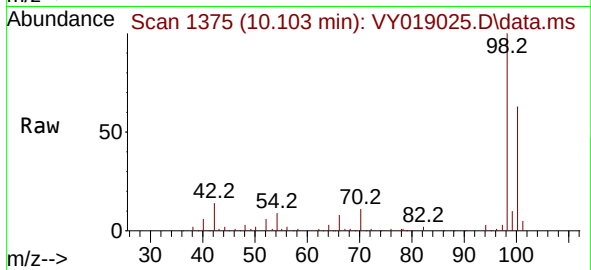
ClientSampleId :

Tgt Ion: 98 Resp: 95718

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.372 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.104 min

Lab File: VY019025.D

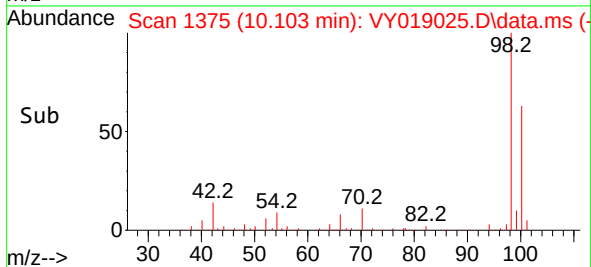
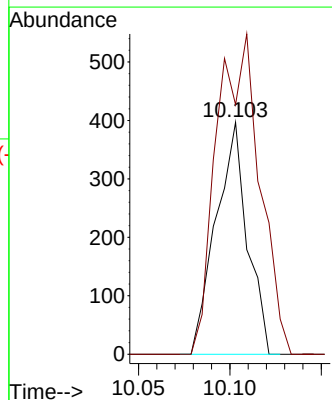
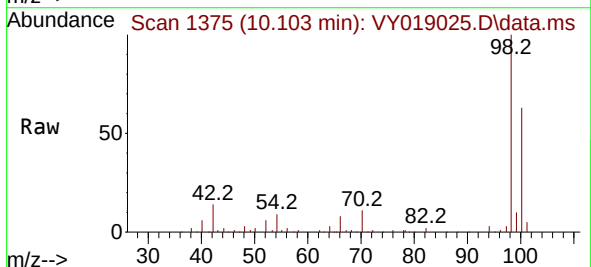
Acq: 13 Aug 2024 13:28

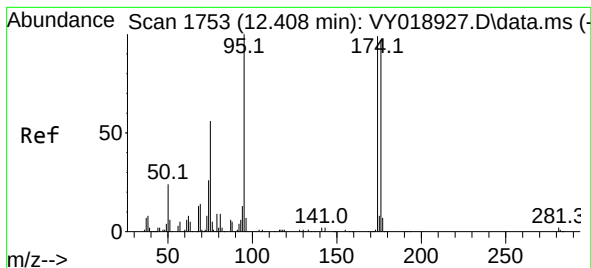
Tgt Ion: 43 Resp: 474

Ion Ratio Lower Upper

43 100

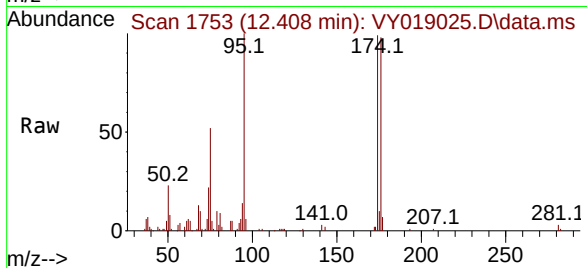
58 190.1 35.7 53.5#



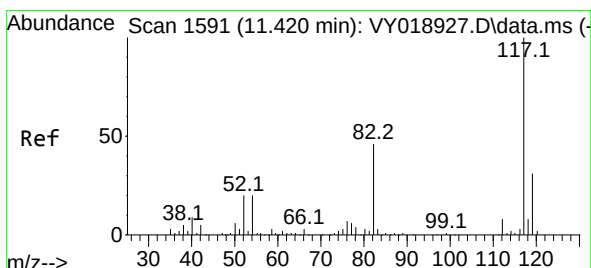
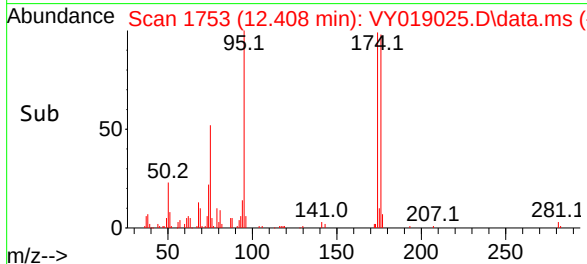
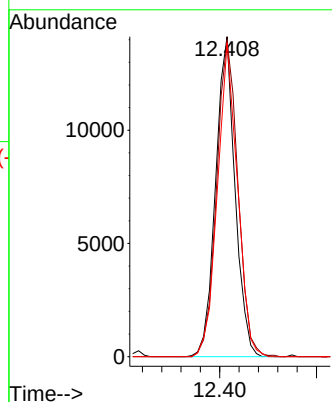


#62
4-Bromofluorobenzene
Concen: 32.249 ug/l
RT: 12.408 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019025.D
Acq: 13 Aug 2024 13:28

Instrument :
MSVOA_Y
ClientSampleId :

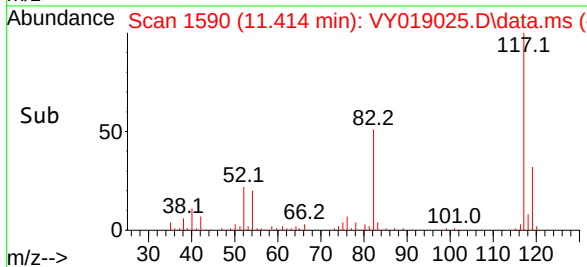
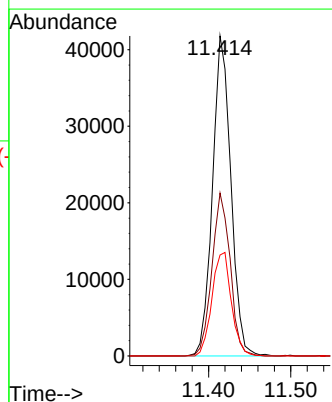
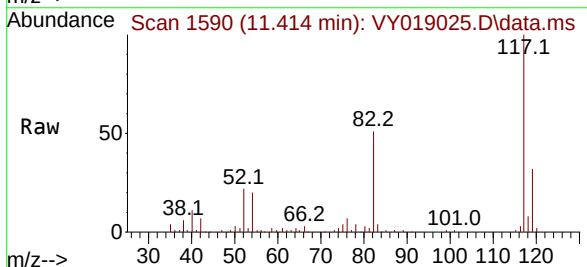


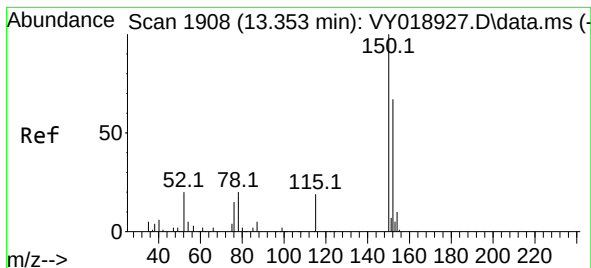
Tgt Ion	Ratio	Lower	Upper
95	100		
174	107.6	0.0	175.6
176	100.8	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019025.D
Acq: 13 Aug 2024 13:28

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.9	42.4	63.6
119	31.5	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: VY019025.D

Acq: 13 Aug 2024 13:28

Instrument :

MSVOA_Y

ClientSampleId :

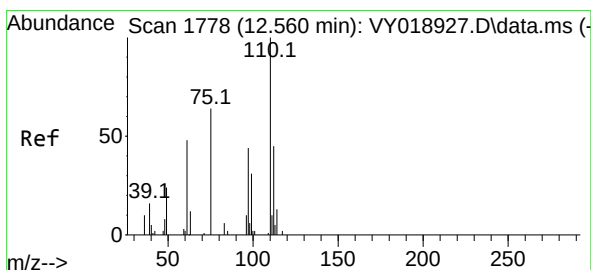
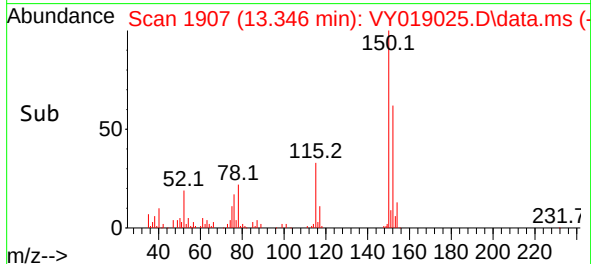
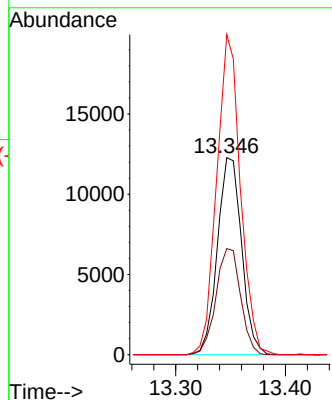
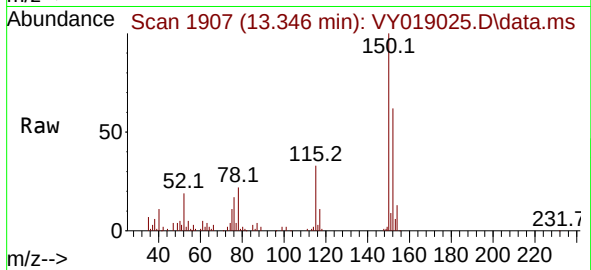
Tgt Ion:152 Resp: 18813

Ion Ratio Lower Upper

152 100

115 54.8 28.2 84.7

150 159.3 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 84.207 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019025.D

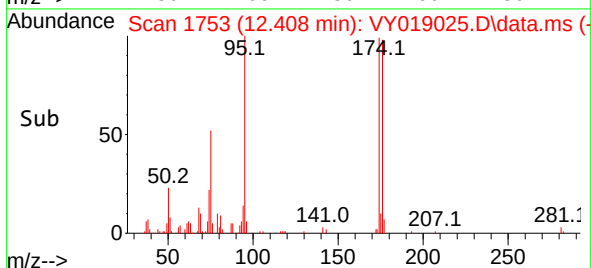
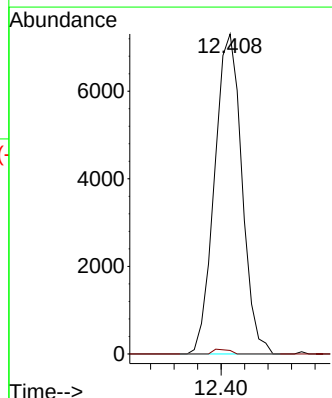
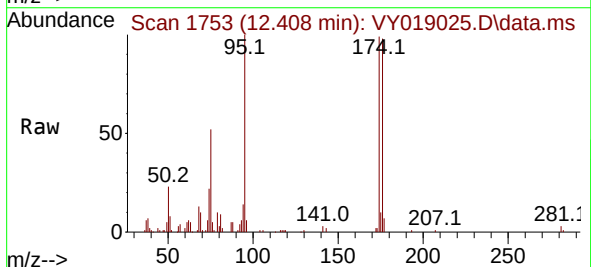
Acq: 13 Aug 2024 13:28

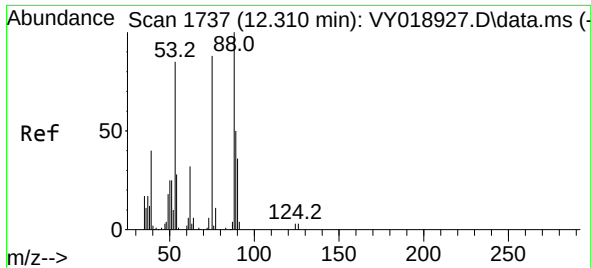
Tgt Ion: 75 Resp: 11802

Ion Ratio Lower Upper

75 100

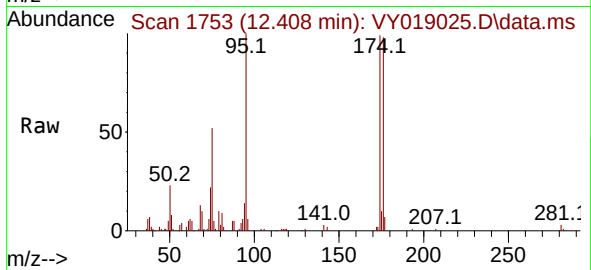
77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 173.517 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019025.D
 Acq: 13 Aug 2024 13:28

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#

