

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
 Data File : VY019001.D
 Acq On : 12 Aug 2024 14:45
 Operator : SY/MD
 Sample : P3519-15
 Misc : 4.80g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 13 01:15:19 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)

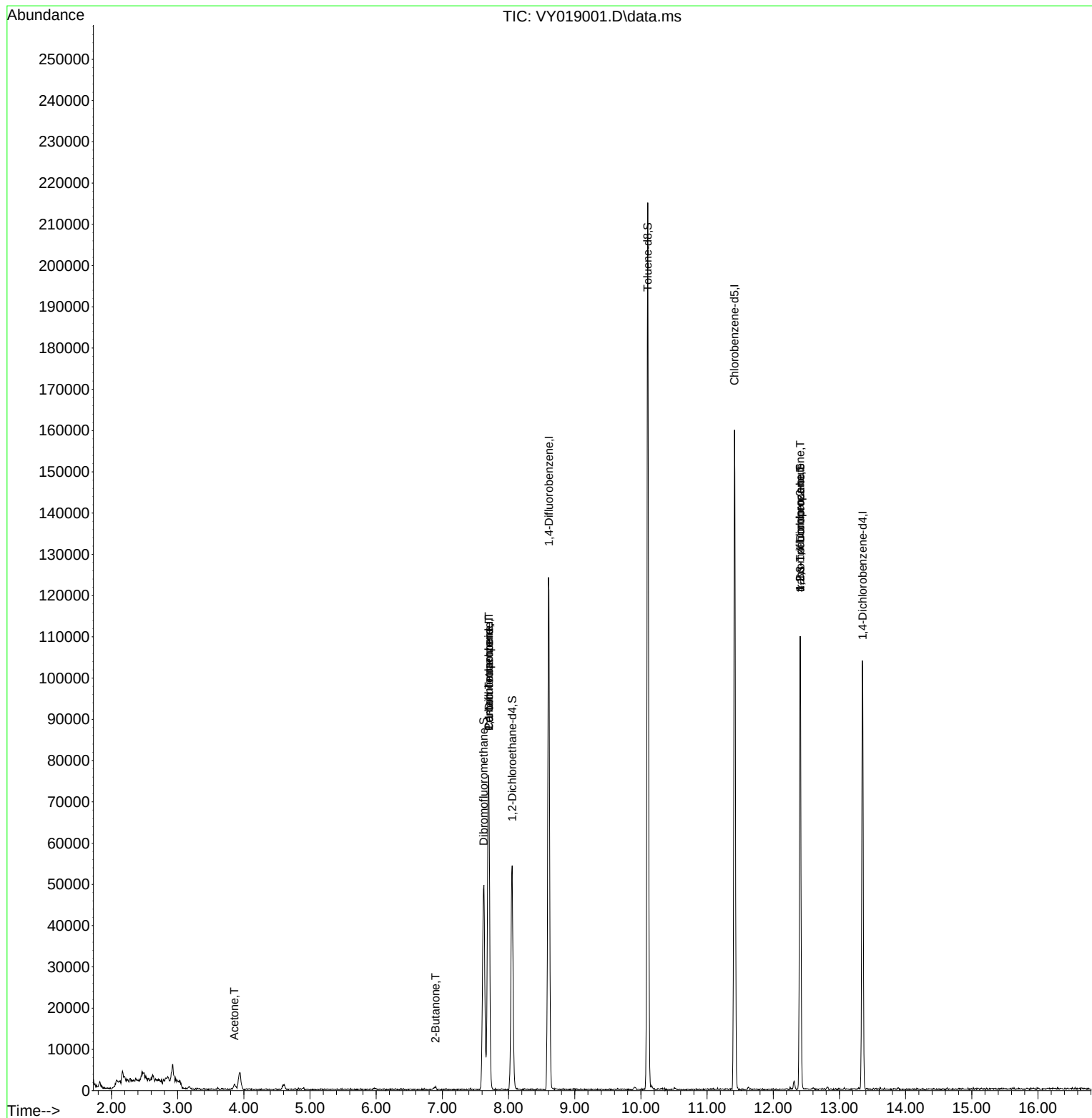
Internal Standards						
1) Pentafluorobenzene	7.701	168	64507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	105056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	79881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	24594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	33487	59.126	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.260%	
35) Dibromofluoromethane	7.622	113	32248	48.061	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.120%	
50) Toluene-d8	10.103	98	124181	48.183	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.360%	
62) 4-Bromofluorobenzene	12.408	95	27211	35.588	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 71.180%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.068	50	47	Below Cal	#	43
11) Tert butyl alcohol	4.842	59	45	Below Cal	#	88
16) Acetone	3.854	43	2052	25.862	ug/l #	82
20) Methylene Chloride	4.610	84	815	Below Cal	#	89
25) 2-Butanone	6.896	43	545	2.972	ug/l #	86
31) Cyclohexane	7.689	56	1582	Below Cal	#	44
36) 1,1-Dichloropropene	7.701	75	4781	5.308	ug/l #	47
38) Carbon Tetrachloride	7.701	117	6244	6.046	ug/l #	18
41) Methacrylonitrile	7.305	41	50	Below Cal	#	15
76) 1,2,3-Trichloropropane	12.408	75	15877	86.655	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	15877	178.560	ug/l #	16

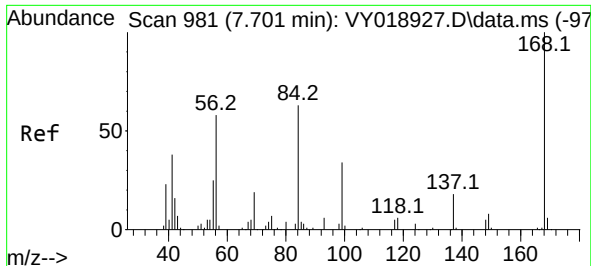
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 09 04:24:33 2024
Response via : Initial Calibration

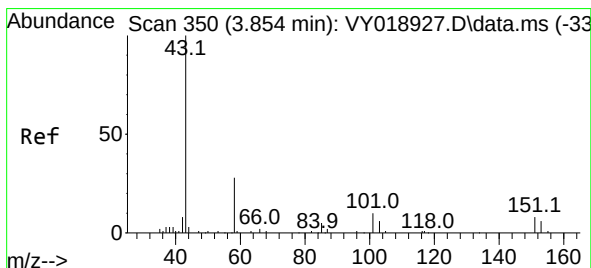
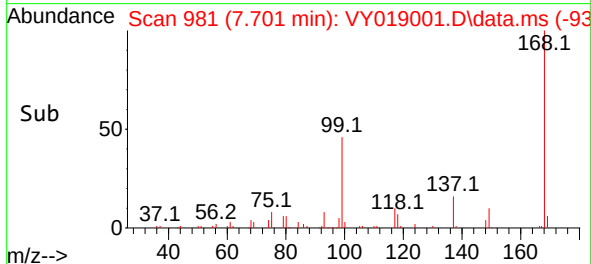
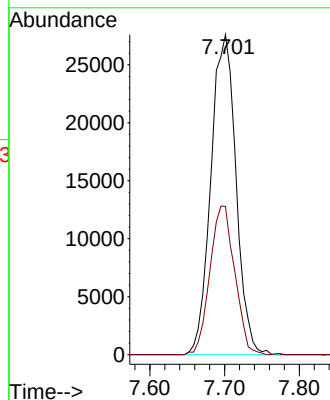
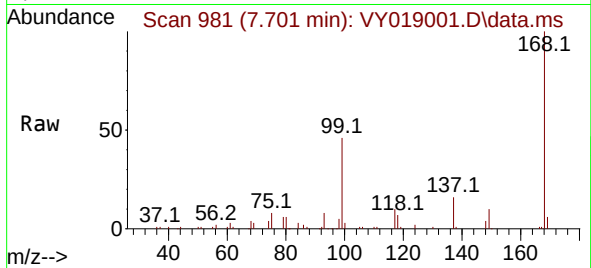




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019001.D
Acq: 12 Aug 2024 14:45

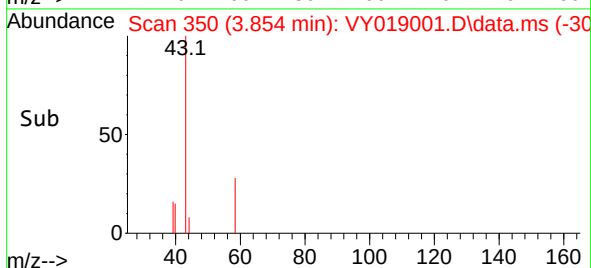
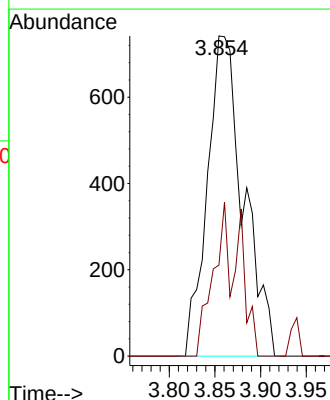
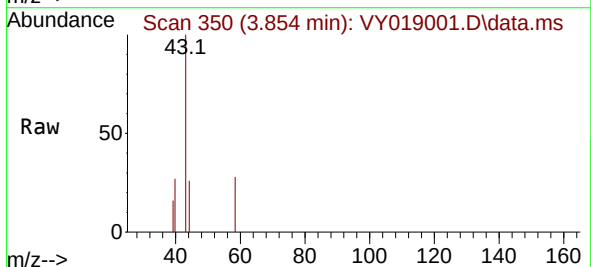
Instrument :
MSVOA_Y
ClientSampleId :

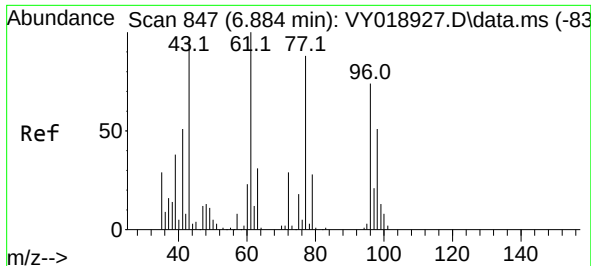
Tgt Ion:168 Resp: 64507
Ion Ratio Lower Upper
168 100
99 46.4 39.1 58.7



#16
Acetone
Concen: 25.862 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019001.D
Acq: 12 Aug 2024 14:45

Tgt Ion: 43 Resp: 2052
Ion Ratio Lower Upper
43 100
58 28.4 31.7 47.5#

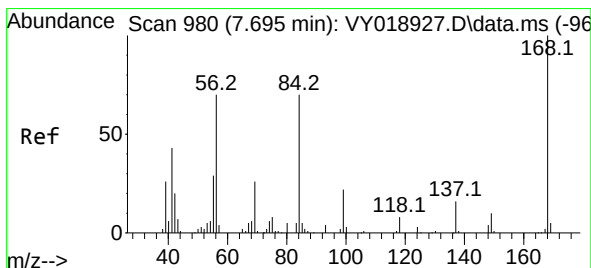
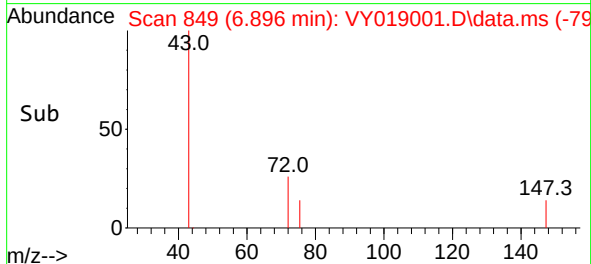
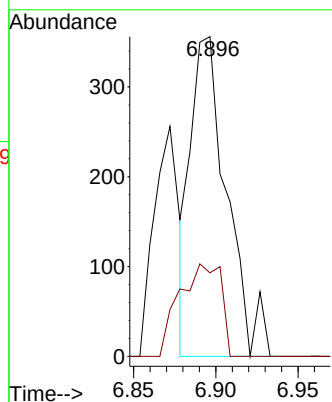
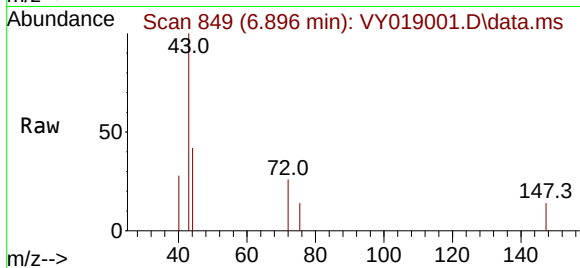




#25
2-Butanone
Concen: 2.972 ug/l
RT: 6.896 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY019001.D
Acq: 12 Aug 2024 14:45

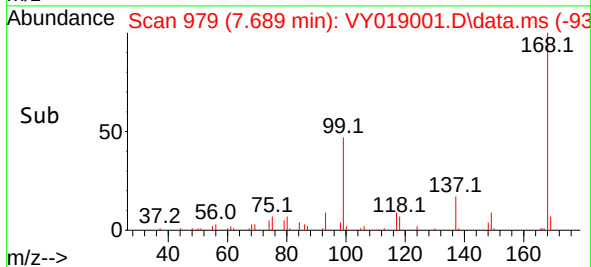
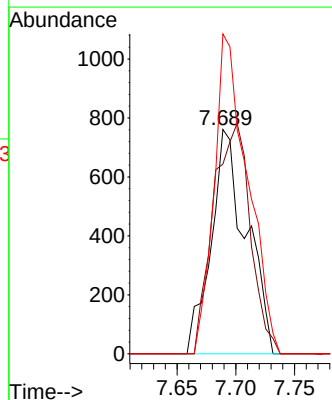
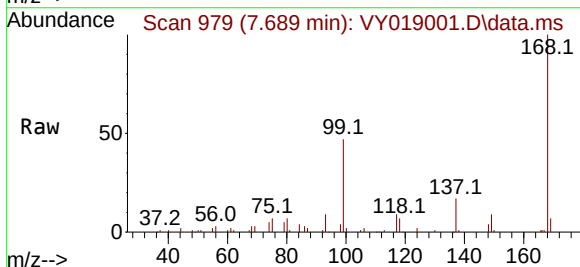
Instrument :
MSVOA_Y
ClientSampleId :

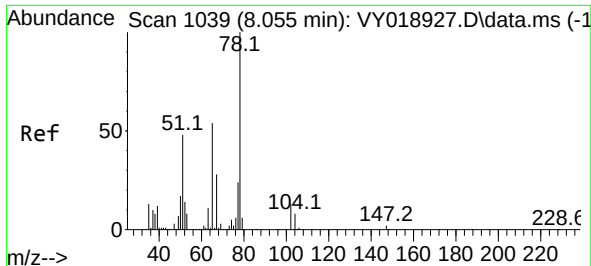
Tgt Ion: 43 Resp: 545
Ion Ratio Lower Upper
43 100
72 26.1 27.3 40.9#



#31
Cyclohexane
Concen: Below Cal
RT: 7.689 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY019001.D
Acq: 12 Aug 2024 14:45

Tgt Ion: 56 Resp: 1582
Ion Ratio Lower Upper
56 100
69 84.6 28.7 43.1#
84 142.6 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 59.126 ug/l

RT: 8.055 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY019001.D

Acq: 12 Aug 2024 14:45

Instrument :

MSVOA_Y

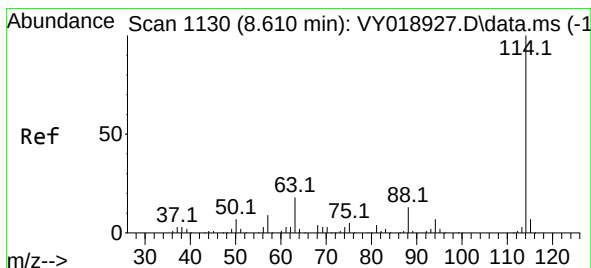
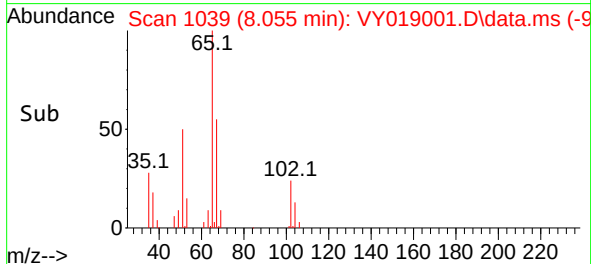
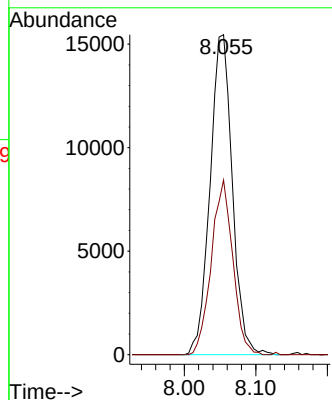
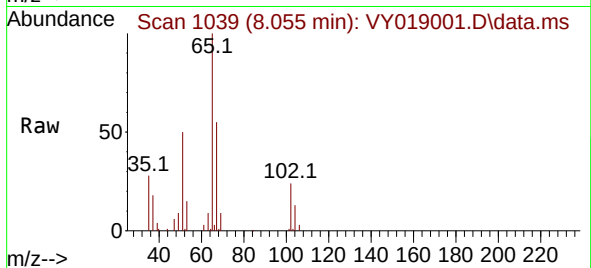
ClientSampleId :

Tgt Ion: 65 Resp: 33487

Ion Ratio Lower Upper

65 100

67 52.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY019001.D

Acq: 12 Aug 2024 14:45

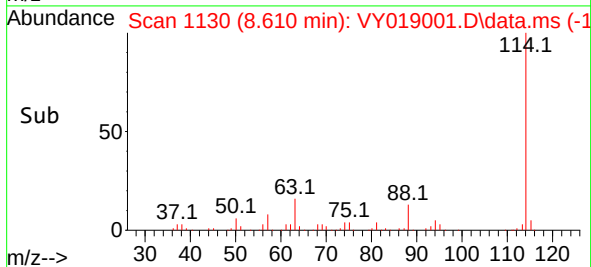
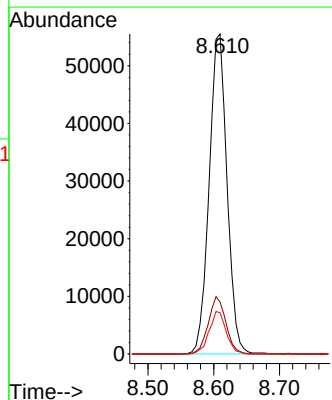
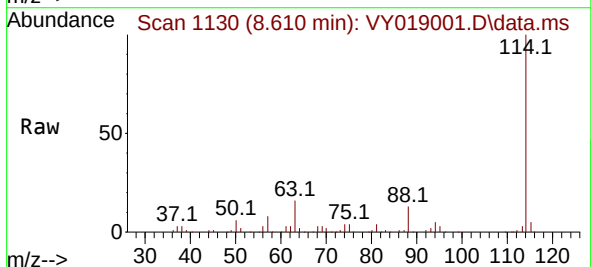
Tgt Ion: 114 Resp: 105056

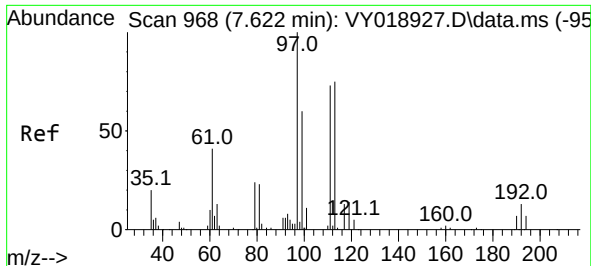
Ion Ratio Lower Upper

114 100

63 16.2 0.0 35.0

88 12.9 0.0 27.2

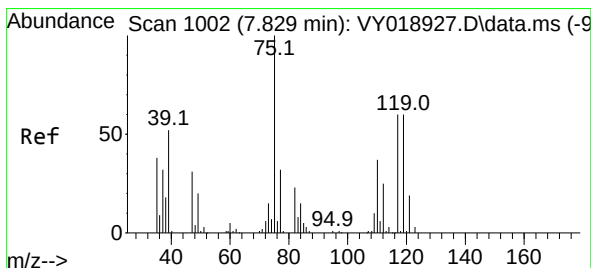
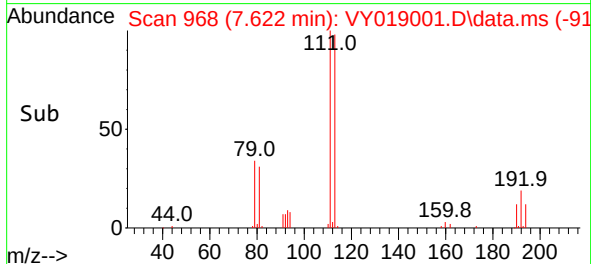
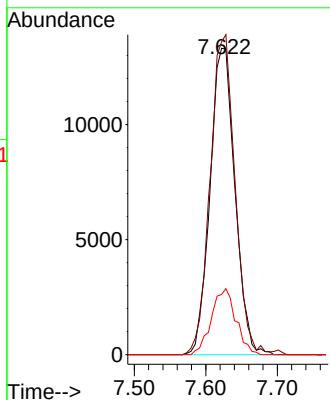
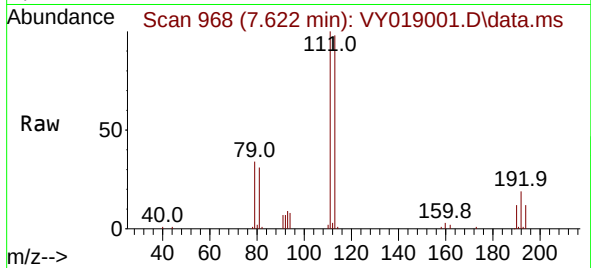




#35
Dibromofluoromethane
Concen: 48.061 ug/l
RT: 7.622 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY019001.D
Acq: 12 Aug 2024 14:45

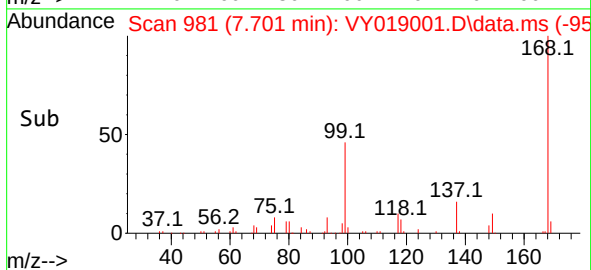
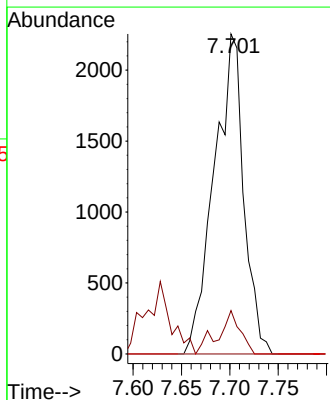
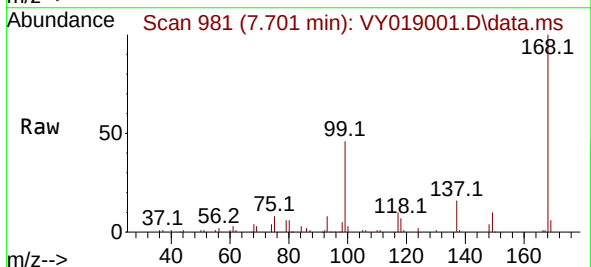
Instrument :
MSVOA_Y
ClientSampleId :

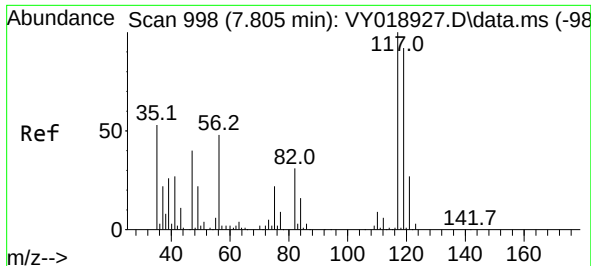
Tgt Ion:113 Resp: 32248
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 21.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.308 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY019001.D
Acq: 12 Aug 2024 14:45

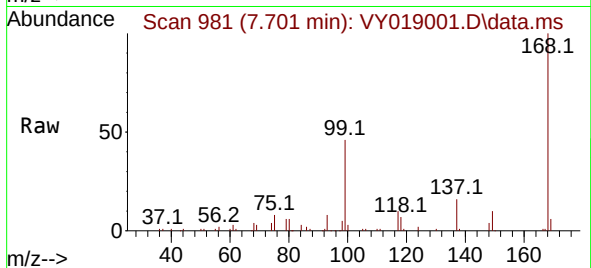
Tgt Ion: 75 Resp: 4781
Ion Ratio Lower Upper
75 100
110 7.6 19.0 57.0#
77 0.0 25.3 37.9#



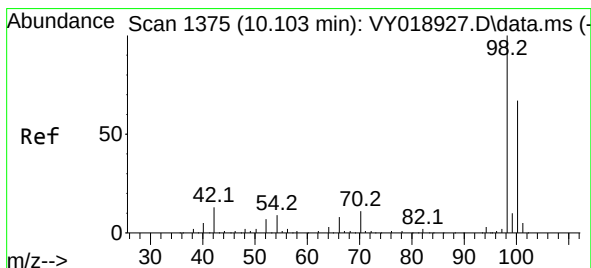
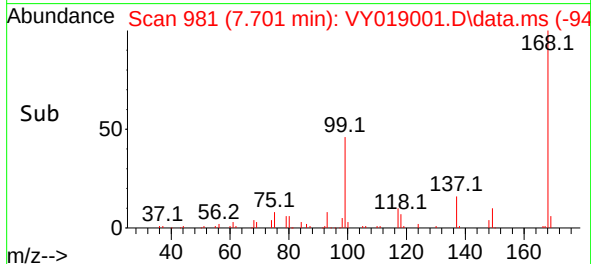
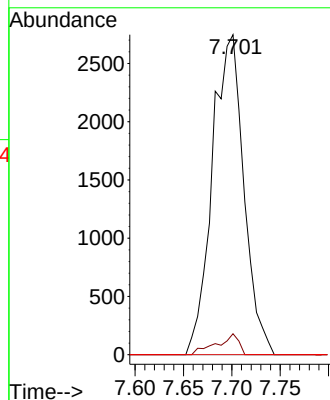


#38
Carbon Tetrachloride
Concen: 6.046 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY019001.D
Acq: 12 Aug 2024 14:45

Instrument :
MSVOA_Y
ClientSampleId :

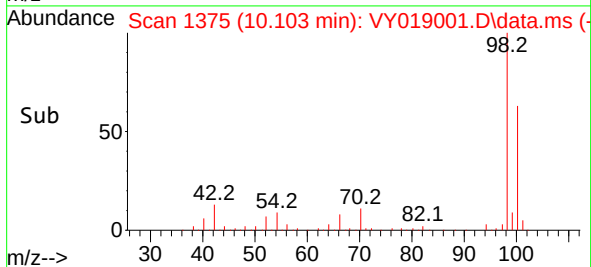
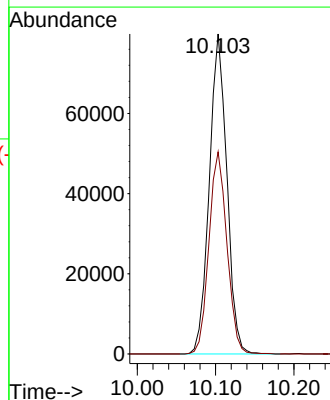
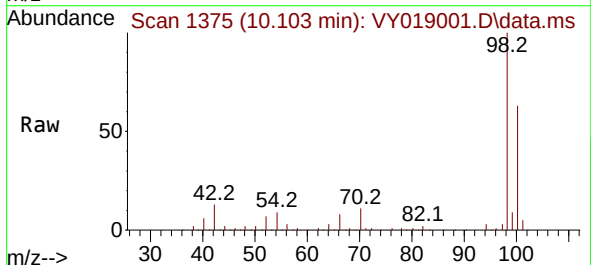


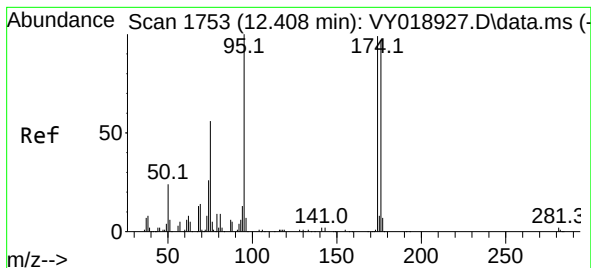
Tgt Ion:117 Resp: 6244
Ion Ratio Lower Upper
117 100
119 6.6 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.183 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019001.D
Acq: 12 Aug 2024 14:45

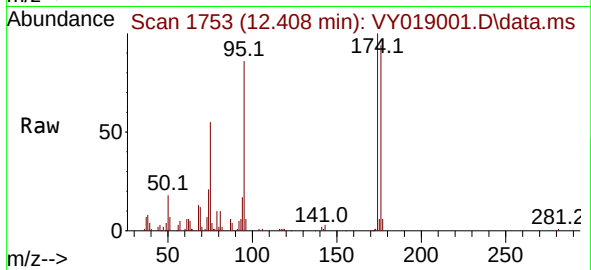
Tgt Ion: 98 Resp: 124181
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



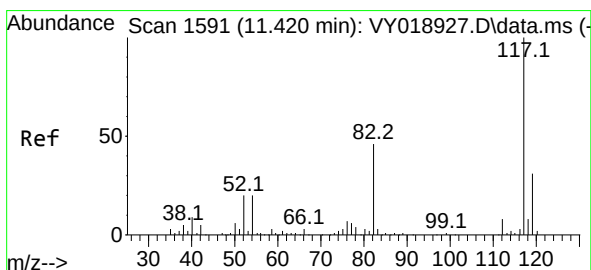
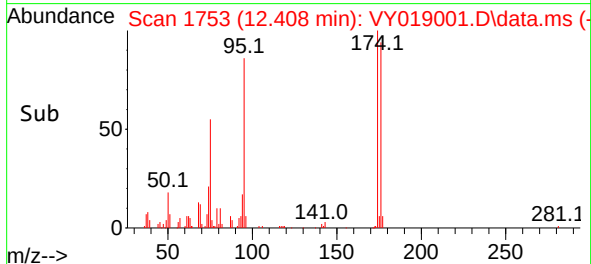
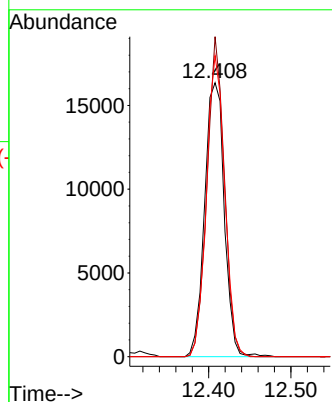


#62
4-Bromofluorobenzene
Concen: 35.588 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019001.D
Acq: 12 Aug 2024 14:45

Instrument :
MSVOA_Y
ClientSampleId :

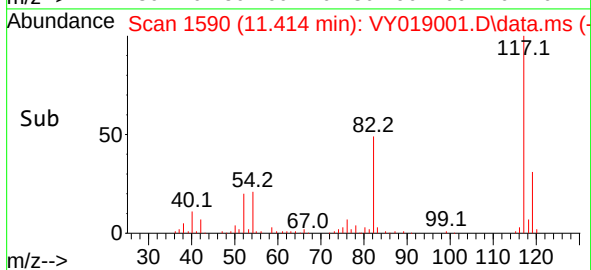
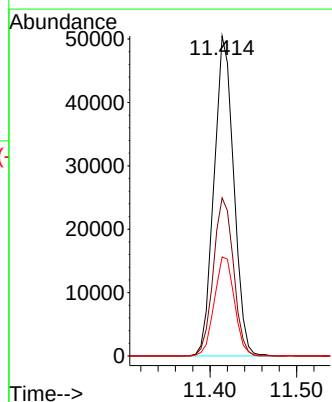
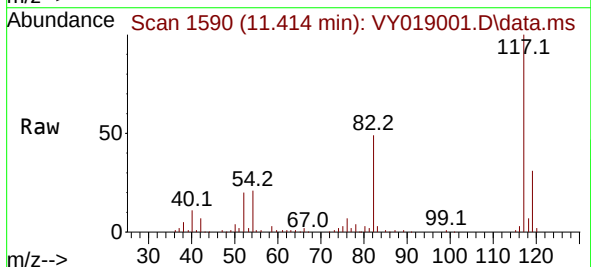


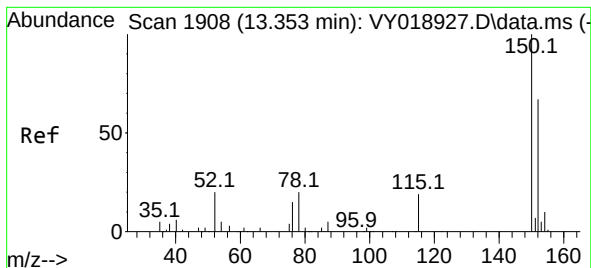
Tgt Ion: 95 Resp: 27211
Ion Ratio Lower Upper
95 100
174 103.2 0.0 175.6
176 102.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019001.D
Acq: 12 Aug 2024 14:45

Tgt Ion: 117 Resp: 79881
Ion Ratio Lower Upper
117 100
82 49.4 42.4 63.6
119 30.9 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY019001.D

Acq: 12 Aug 2024 14:45

Instrument :

MSVOA_Y

ClientSampleId :

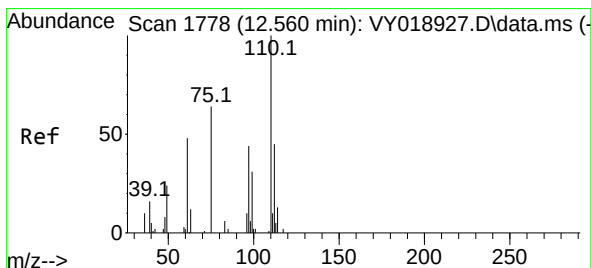
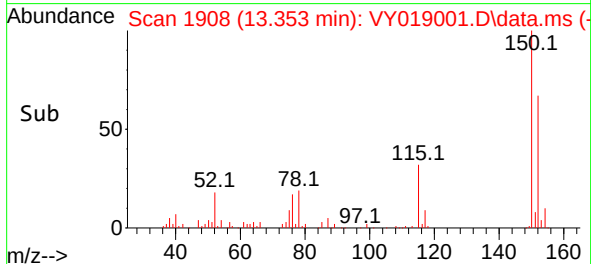
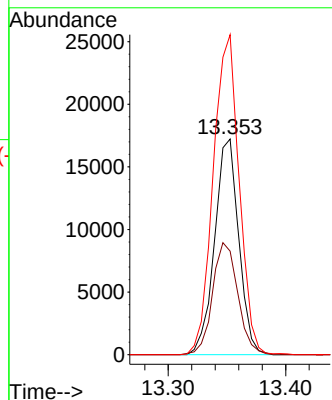
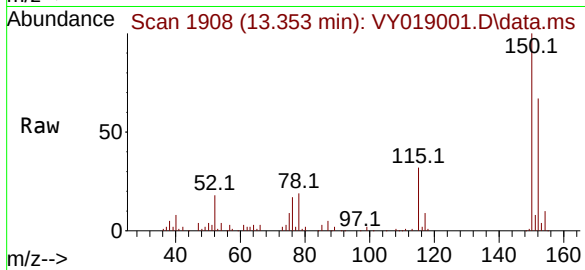
Tgt Ion:152 Resp: 24594

Ion Ratio Lower Upper

152 100

115 54.2 28.2 84.7

150 159.1 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 86.655 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019001.D

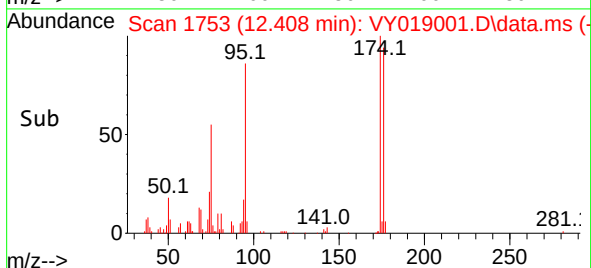
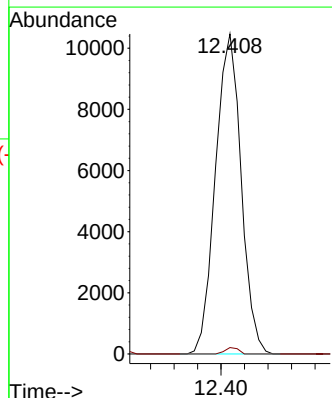
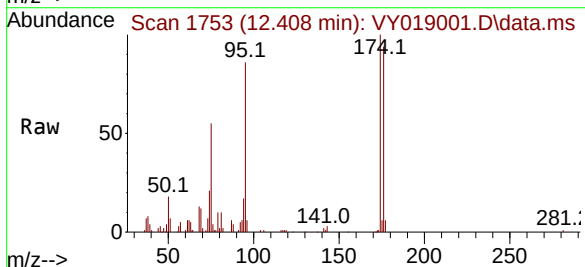
Acq: 12 Aug 2024 14:45

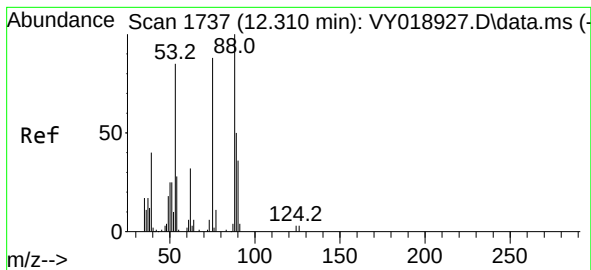
Tgt Ion: 75 Resp: 15877

Ion Ratio Lower Upper

75 100

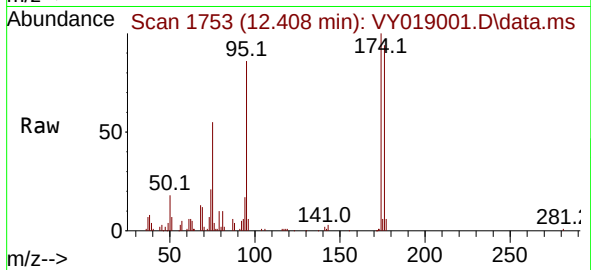
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 178.560 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019001.D
 Acq: 12 Aug 2024 14:45

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#

