

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019029.D
 Acq On : 13 Aug 2024 15:05
 Operator : SY/MD
 Sample : P3519-11
 Misc : 4.61g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 14 01:37:51 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	49302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	83763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	68046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	21421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	22453	51.870	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.740%	
35) Dibromofluoromethane	7.628	113	26320	49.198	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.400%	
50) Toluene-d8	10.103	98	94836	46.151	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.300%	
62) 4-Bromofluorobenzene	12.408	95	20852	34.203	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 68.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.117	50	22	Below Cal	#	43
11) Tert butyl alcohol	4.836	59	30	Below Cal	#	88
16) Acetone	3.866	43	1031	21.284	ug/l #	36
20) Methylene Chloride	4.598	84	329	Below Cal	#	82
31) Cyclohexane	7.695	56	1316	Below Cal	#	67
36) 1,1-Dichloropropene	7.701	75	3760	5.236	ug/l #	47
38) Carbon Tetrachloride	7.701	117	4494	5.458	ug/l #	13
41) Methacrylonitrile	7.049	41	25	Below Cal	#	1
51) 4-Methyl-2-Pentanone	10.097	43	530	1.539	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	12362	77.464	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	12362	159.622	ug/l #	16

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

Quant Time: Aug 14 01:37:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
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QLast Update : Fri Aug 09 04:24:33 2024
Response via : Initial Calibration

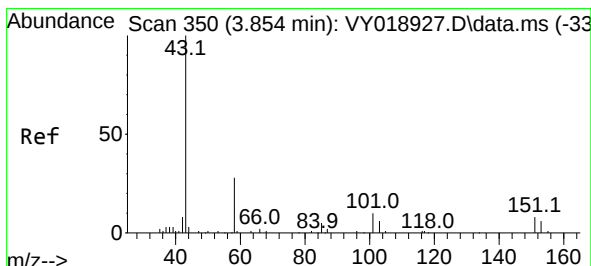
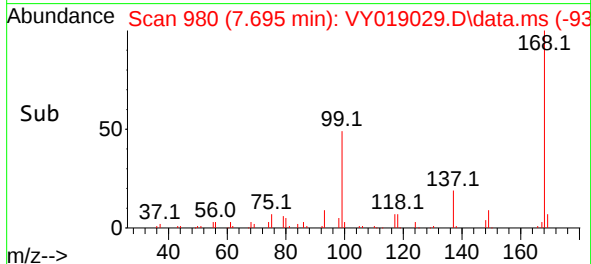
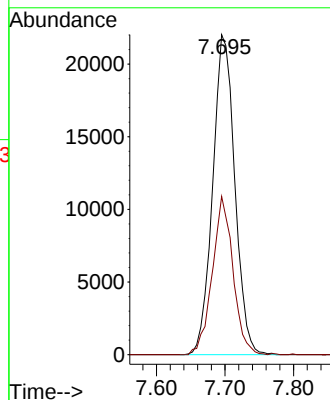
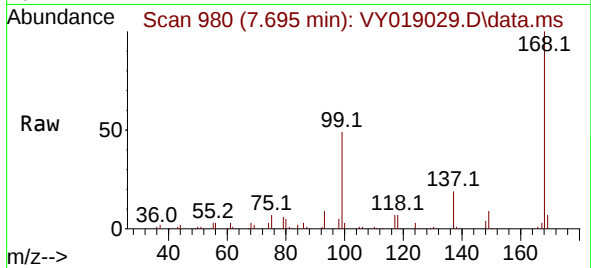




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019029.D
Acq: 13 Aug 2024 15:05

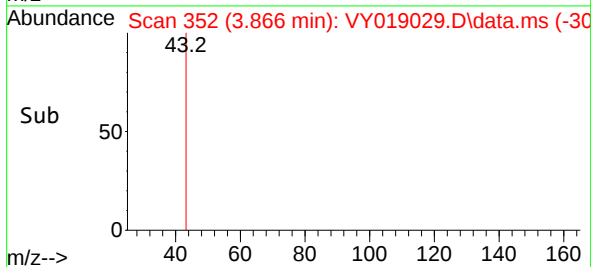
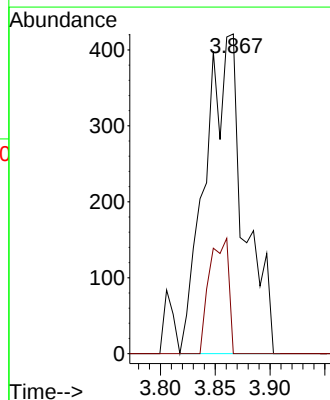
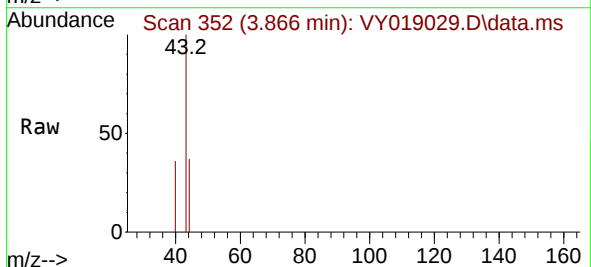
Instrument :
MSVOA_Y
ClientSampleId :

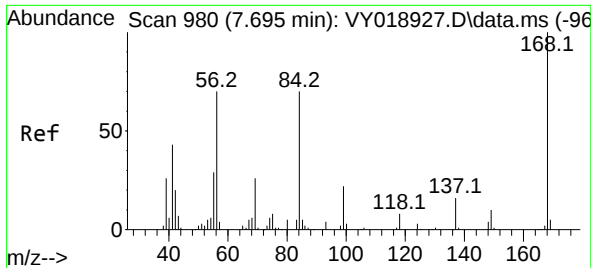
Tgt Ion:168 Resp: 49302
Ion Ratio Lower Upper
168 100
99 49.5 39.1 58.7



#16
Acetone
Concen: 21.284 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY019029.D
Acq: 13 Aug 2024 15:05

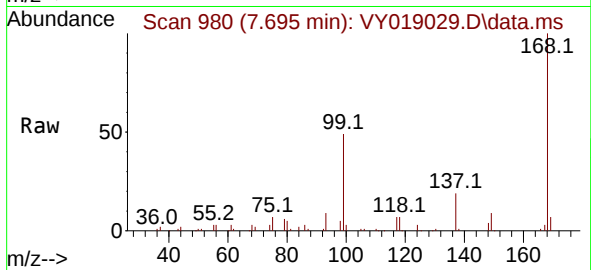
Tgt Ion: 43 Resp: 1031
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



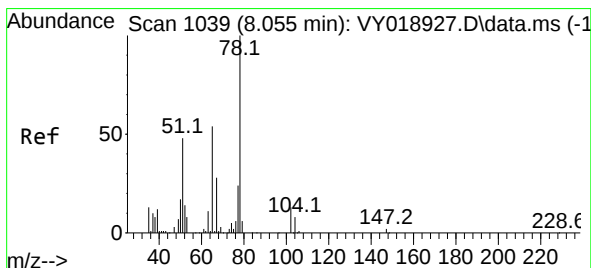
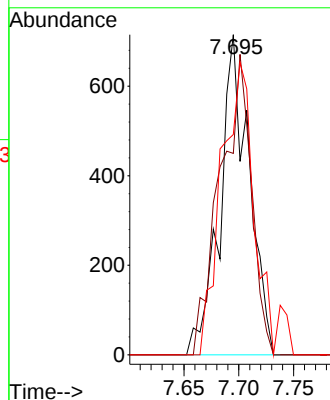
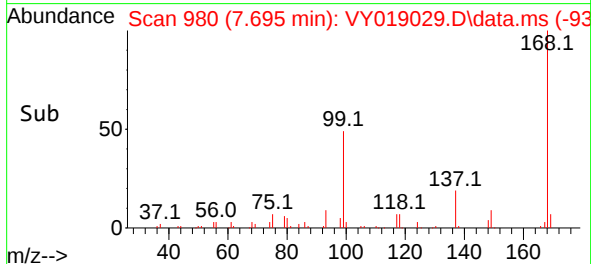


#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019029.D
Acq: 13 Aug 2024 15:05

Instrument :
MSVOA_Y
ClientSampleId :

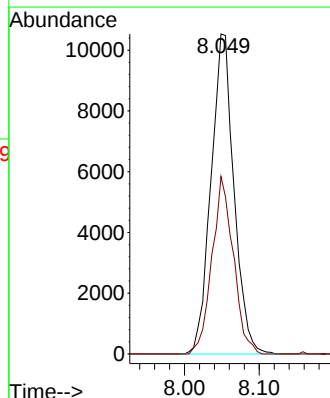
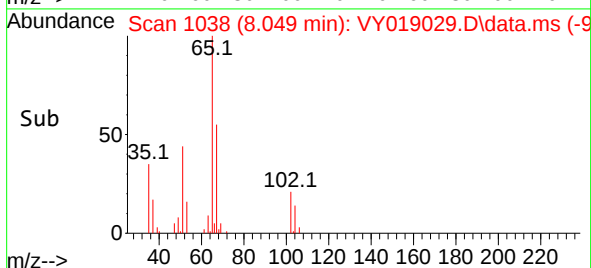
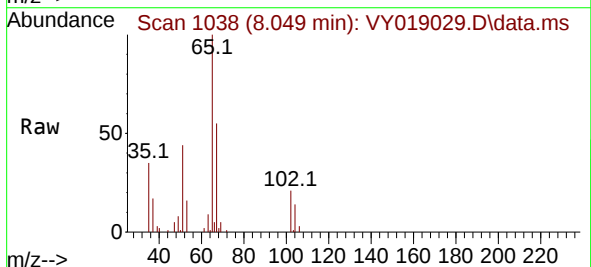


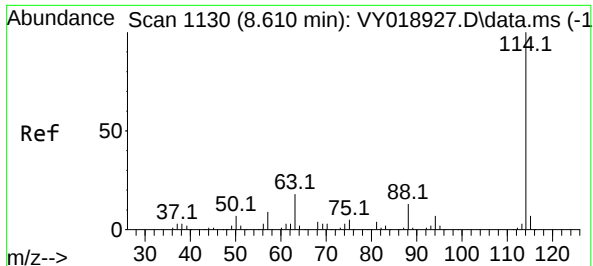
Tgt Ion: 56 Resp: 1316
Ion Ratio Lower Upper
56 100
69 62.9 28.7 43.1#
84 68.8 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 51.870 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY019029.D
Acq: 13 Aug 2024 15:05

Tgt Ion: 65 Resp: 22453
Ion Ratio Lower Upper
65 100
67 51.7 0.0 109.6

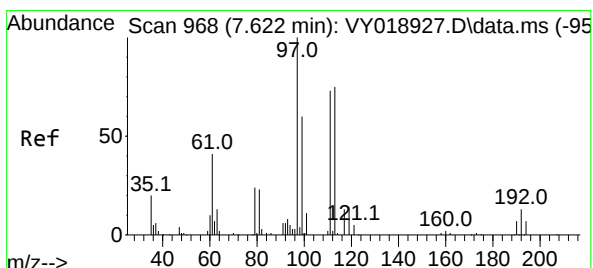
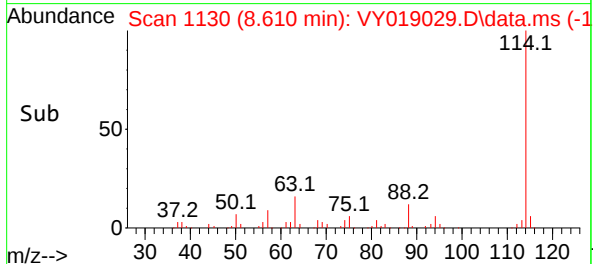
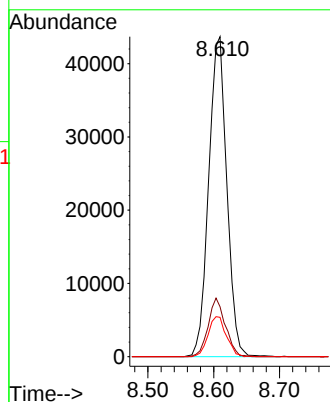
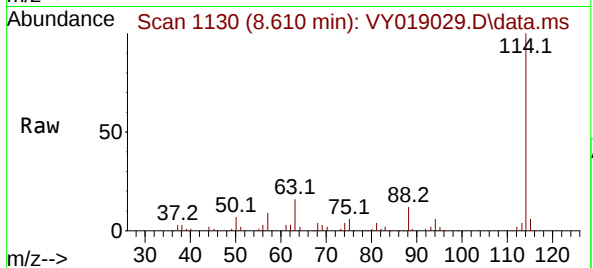




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VY019029.D
Acq: 13 Aug 2024 15:05

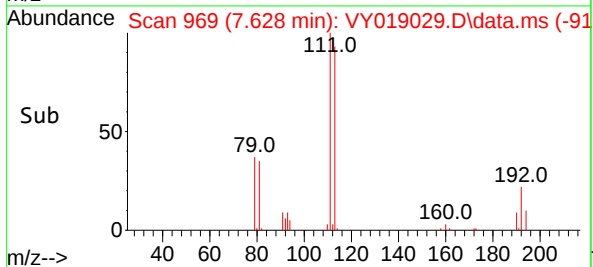
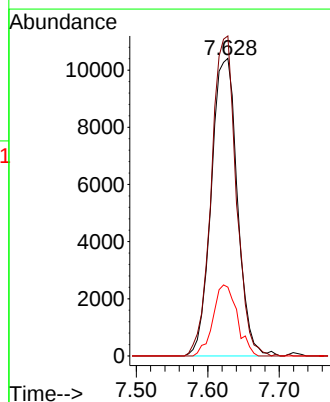
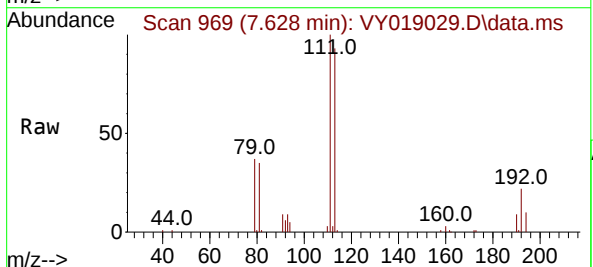
Instrument :
MSVOA_Y
ClientSampleId :

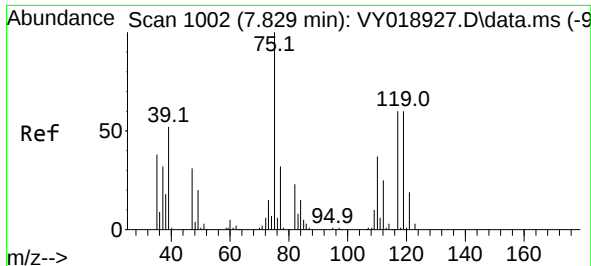
Tgt Ion:114 Resp: 83763
Ion Ratio Lower Upper
114 100
63 15.6 0.0 35.0
88 12.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.198 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY019029.D
Acq: 13 Aug 2024 15:05

Tgt Ion:113 Resp: 26320
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 22.2 15.9 23.9

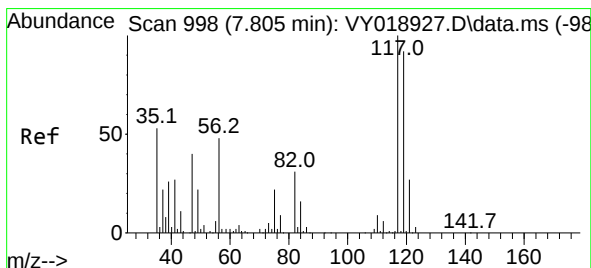
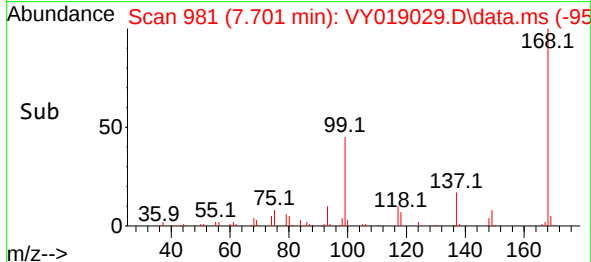
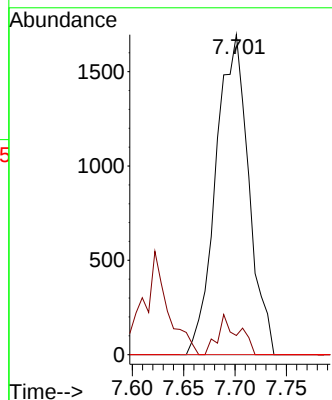
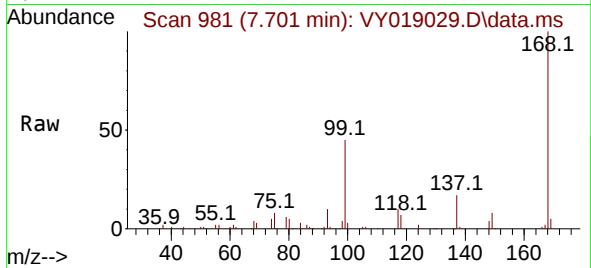




#36
1,1-Dichloropropene
Concen: 5.236 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY019029.D
Acq: 13 Aug 2024 15:05

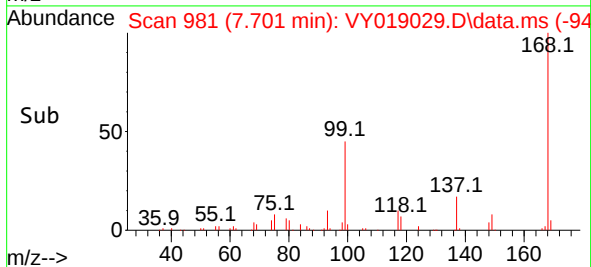
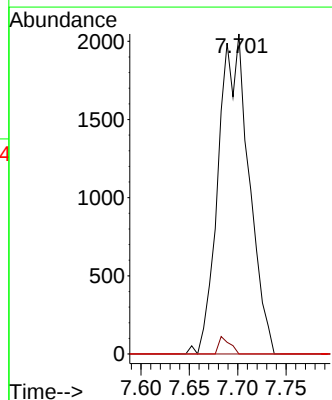
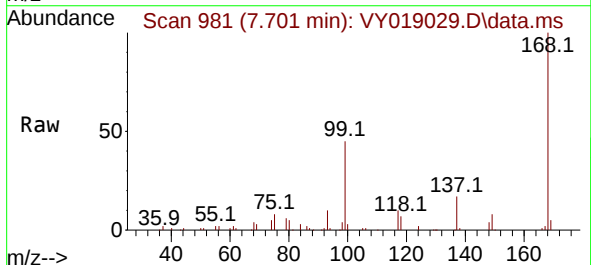
Instrument :
MSVOA_Y
ClientSampleId :

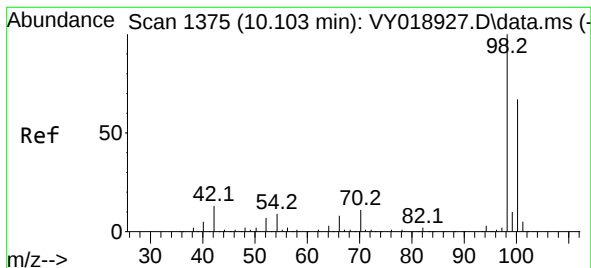
Tgt Ion: 75 Resp: 3760
Ion Ratio Lower Upper
75 100
110 7.9 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.458 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY019029.D
Acq: 13 Aug 2024 15:05

Tgt Ion: 117 Resp: 4494
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 46.151 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019029.D

Acq: 13 Aug 2024 15:05

Instrument :

MSVOA_Y

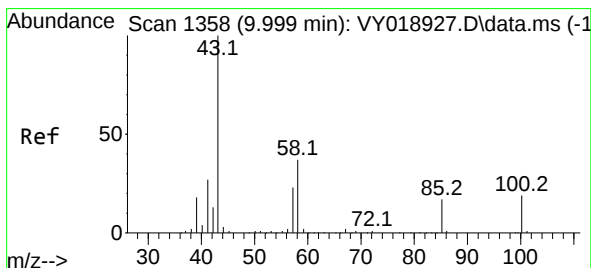
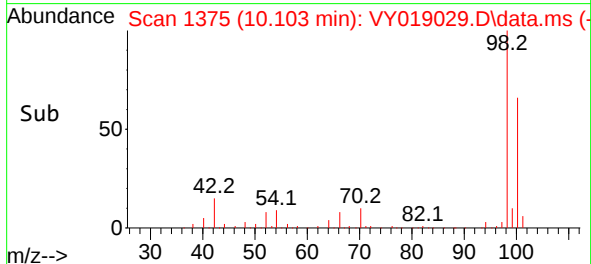
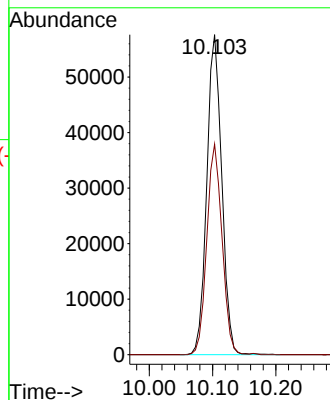
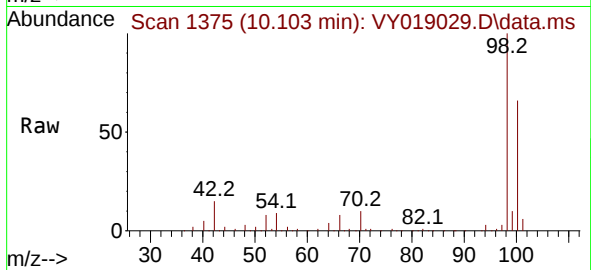
ClientSampleId :

Tgt Ion: 98 Resp: 94836

Ion Ratio Lower Upper

98 100

100 67.0 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.539 ug/l

RT: 10.097 min Scan# 1374

Delta R.T. 0.098 min

Lab File: VY019029.D

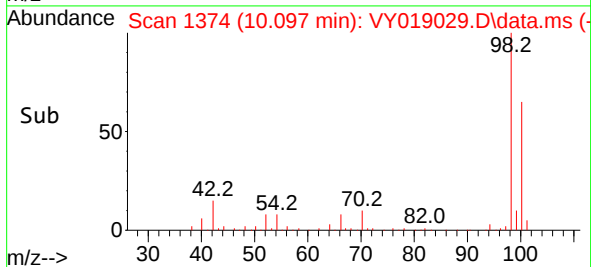
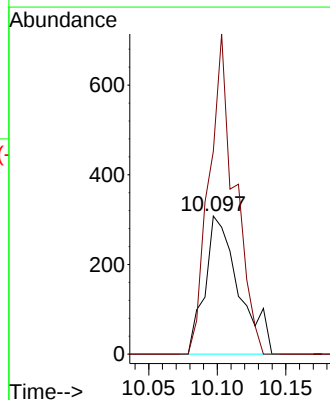
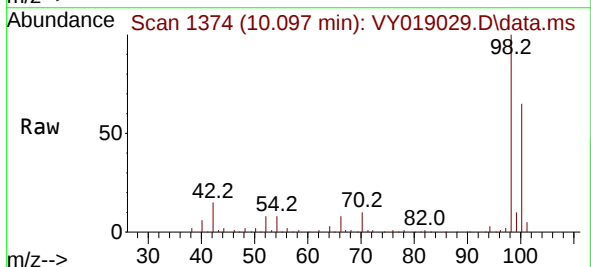
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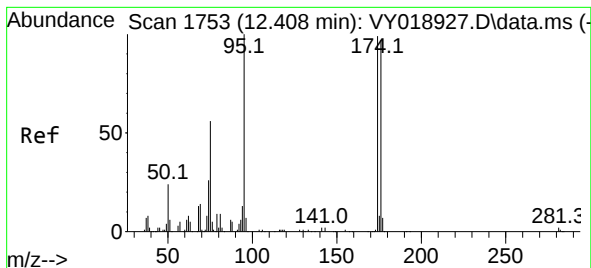
Tgt Ion: 43 Resp: 530

Ion Ratio Lower Upper

43 100

58 176.4 35.7 53.5#

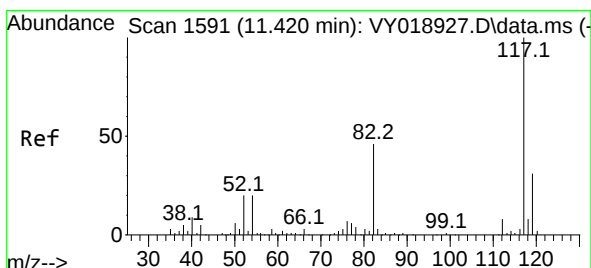
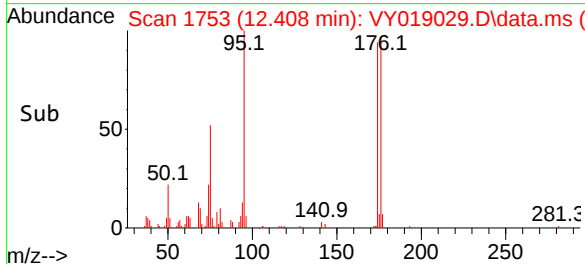
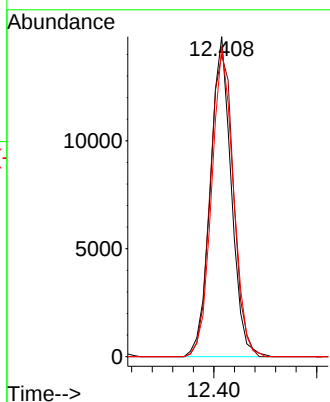
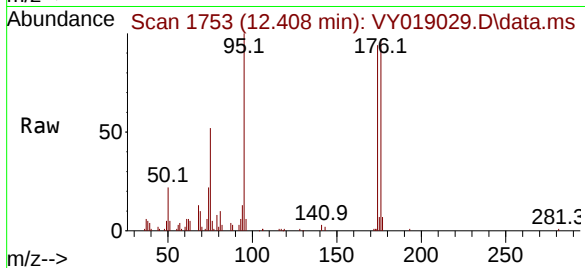




#62
4-Bromofluorobenzene
Concen: 34.203 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019029.D
Acq: 13 Aug 2024 15:05

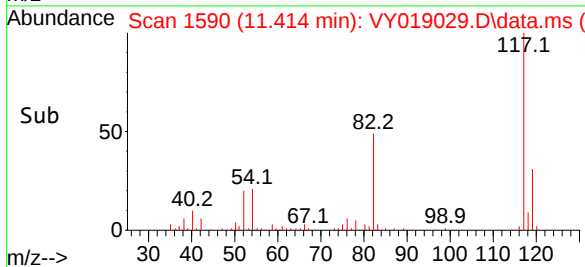
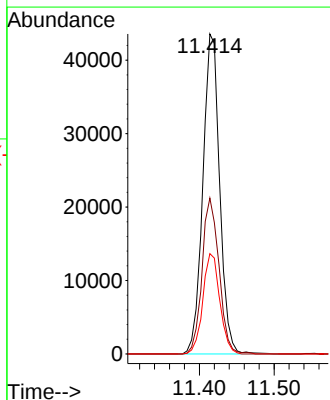
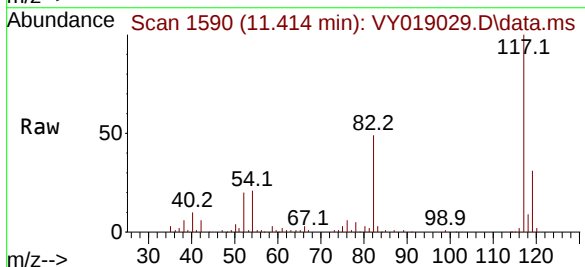
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	95	Resp:	20852
Ion	Ratio	Lower	Upper
95	100		
174	106.0	0.0	175.6
176	100.4	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: VY019029.D
Acq: 13 Aug 2024 15:05

Tgt Ion:	117	Resp:	68046
Ion	Ratio	Lower	Upper
117	100		
82	48.7	42.4	63.6
119	31.3	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VY019029.D

Acq: 13 Aug 2024 15:05

Instrument :

MSVOA_Y

ClientSampleId :

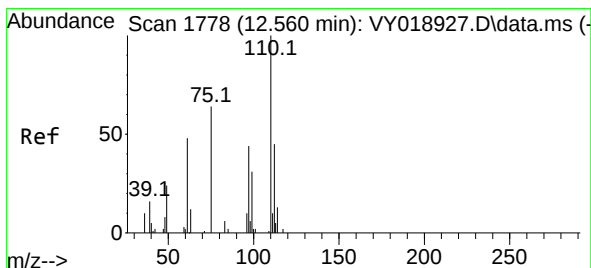
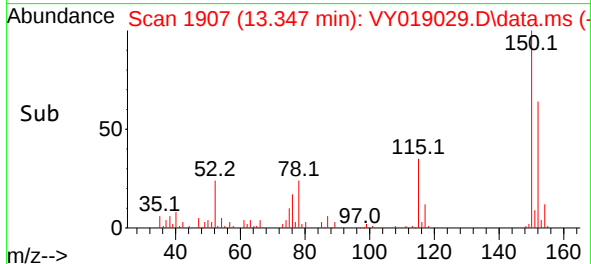
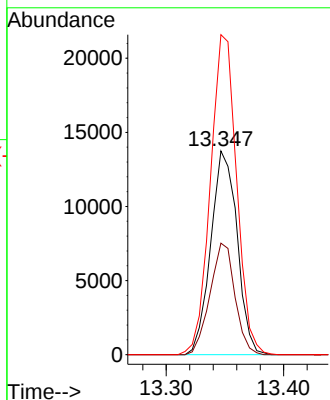
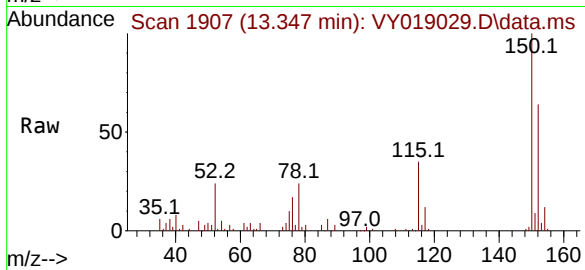
Tgt Ion:152 Resp: 21421

Ion Ratio Lower Upper

152 100

115 51.8 28.2 84.7

150 156.2 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 77.464 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019029.D

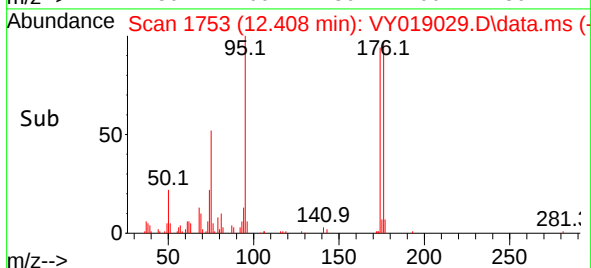
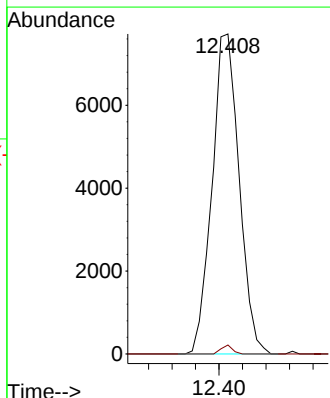
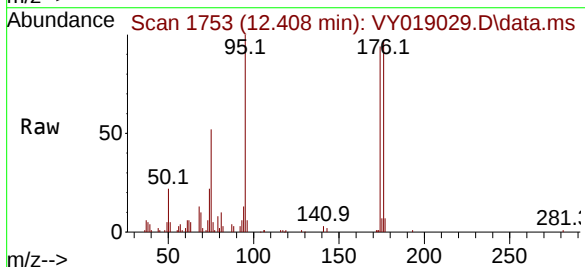
Acq: 13 Aug 2024 15:05

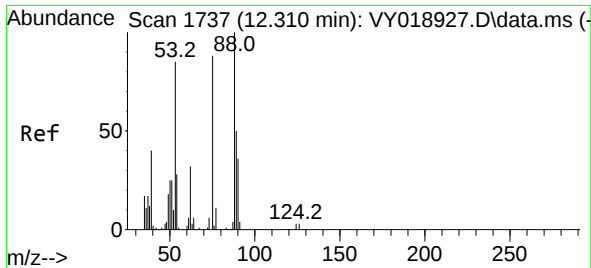
Tgt Ion: 75 Resp: 12362

Ion Ratio Lower Upper

75 100

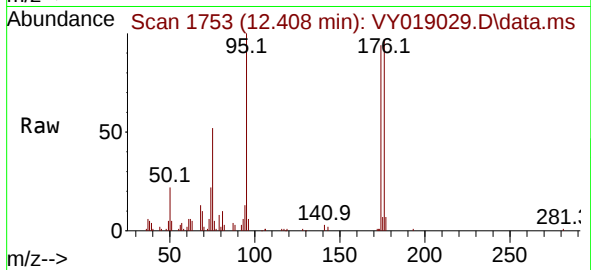
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 159.622 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019029.D
 Acq: 13 Aug 2024 15:05

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	12362
Ion	Ratio	Lower	Upper
75	100		
53	0.2	66.8	100.2#
89	0.0	35.8	53.6#

