

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019342.D
 Acq On : 28 Aug 2024 20:13
 Operator : SY/MD
 Sample : P3739-03
 Misc : 5.35g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 29 01:39:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	156270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	283024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	266292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	108287	50.000	ug/l	0.00

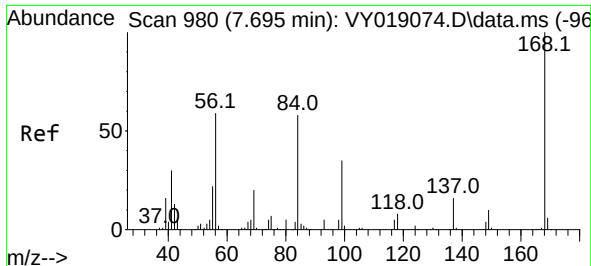
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	95943	61.247	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.500%
35) Dibromofluoromethane	7.622	113	90892	49.115	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.240%
50) Toluene-d8	10.103	98	322253	48.389	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.780%
62) 4-Bromofluorobenzene	12.407	95	106228	46.791	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	93.580%

Target Compounds					Qvalue
5) Bromomethane	2.598	94	263	Below Cal	# 60
6) Chloroethane	2.812	64	19	Below Cal	# 42
11) Tert butyl alcohol	4.836	59	26	Below Cal	# 88
20) Methylene Chloride	4.586	84	2479	Below Cal	# 87
31) Cyclohexane	7.701	56	3391	Below Cal	# 45
36) 1,1-Dichloropropene	7.695	75	12140	4.777	ug/l # 50
38) Carbon Tetrachloride	7.695	117	16395	5.567	ug/l # 15
51) 4-Methyl-2-Pentanone	10.103	43	1558	1.289	ug/l # 1
76) 1,2,3-Trichloropropane	12.401	75	60264	56.432	ug/l # 100
81) trans-1,4-Dichloro-2-b...	12.401	75	60264	139.368	ug/l # 16

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

Quant Time: Aug 29 01:39:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration

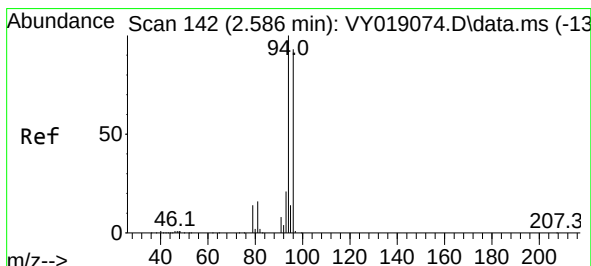
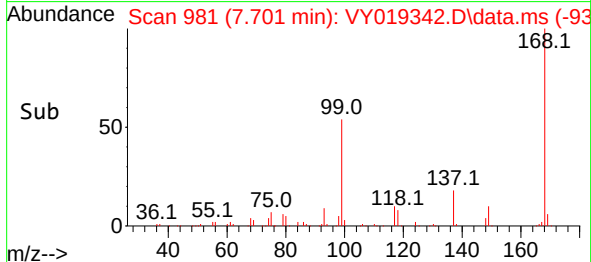
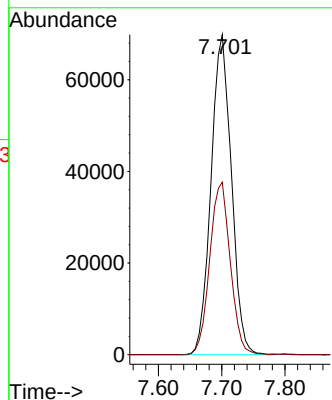
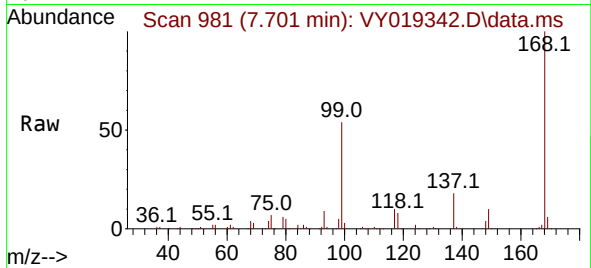




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019342.D
Acq: 28 Aug 2024 20:13

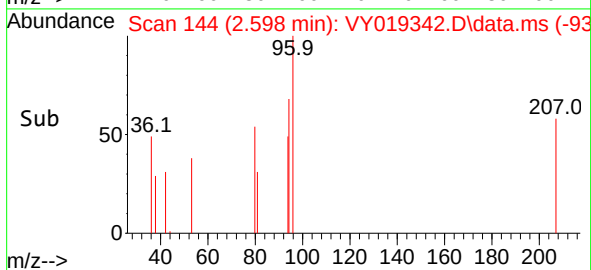
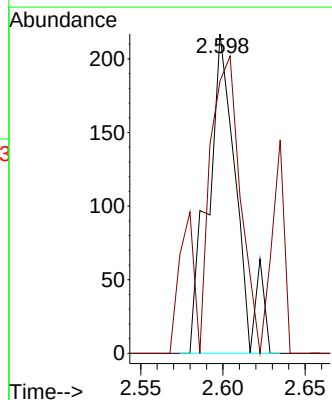
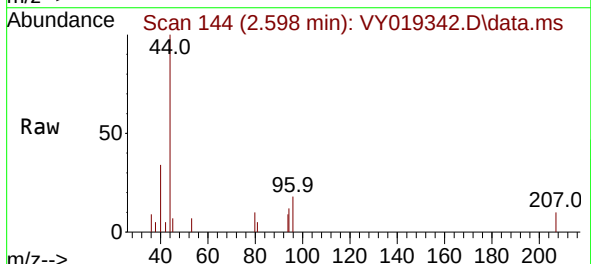
Instrument :
MSVOA_Y
ClientSampleId :

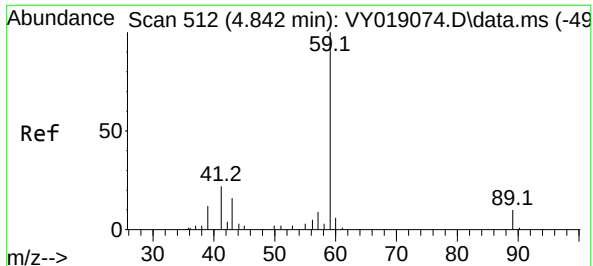
Tgt Ion:168 Resp: 156270
Ion Ratio Lower Upper
168 100
99 53.9 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.598 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY019342.D
Acq: 28 Aug 2024 20:13

Tgt Ion: 94 Resp: 263
Ion Ratio Lower Upper
94 100
96 54.4 74.1 111.1#

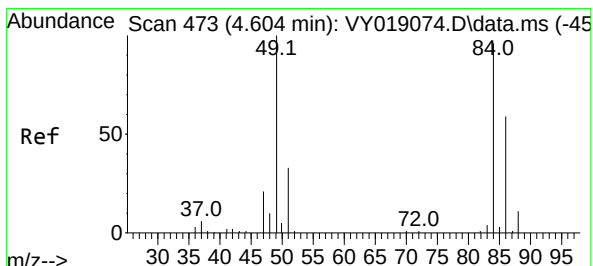
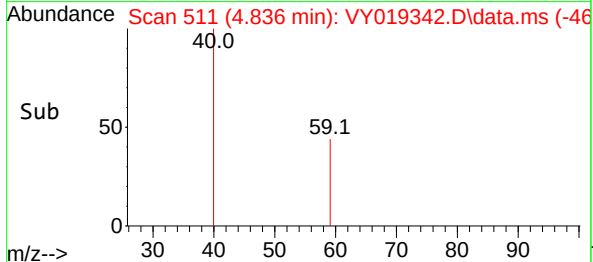
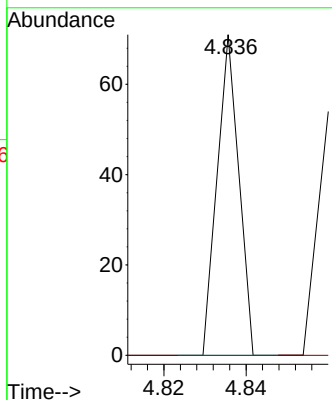
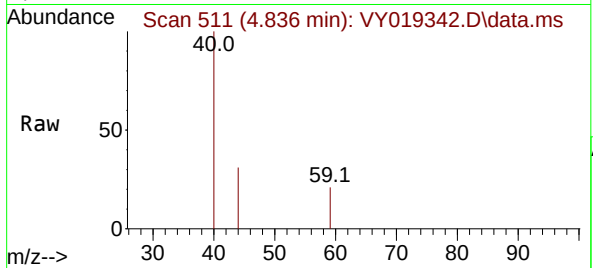




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.836 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY019342.D
Acq: 28 Aug 2024 20:13

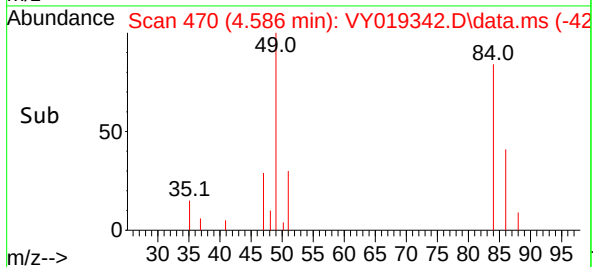
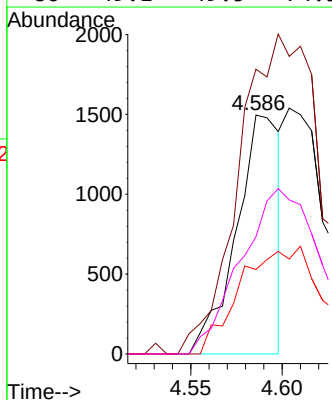
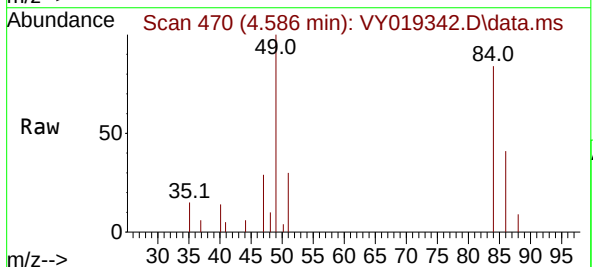
Instrument :
MSVOA_Y
ClientSampleId :

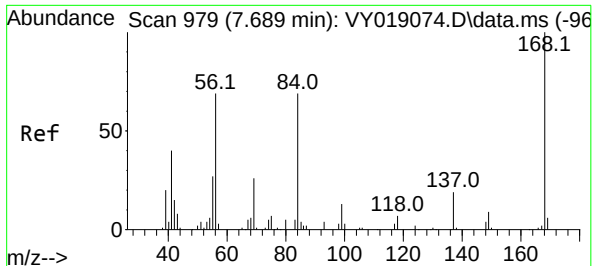
Tgt Ion: 59 Resp: 26
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.586 min Scan# 470
Delta R.T. -0.018 min
Lab File: VY019342.D
Acq: 28 Aug 2024 20:13

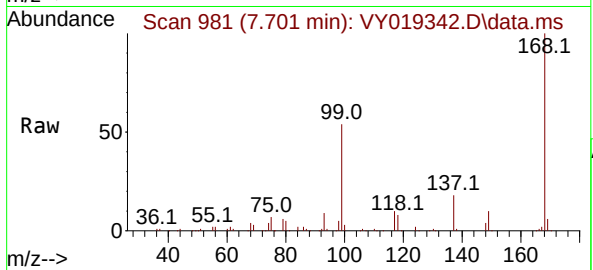
Tgt Ion: 84 Resp: 2479
Ion Ratio Lower Upper
84 100
49 119.3 84.4 126.6
51 35.4 26.0 39.0
86 49.1 49.5 74.3#



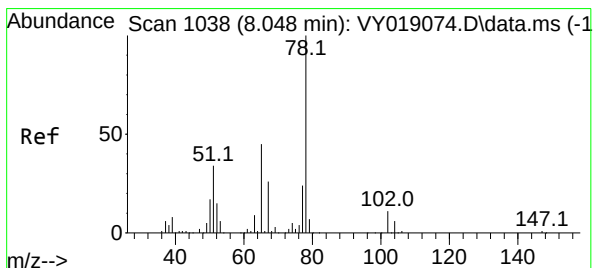
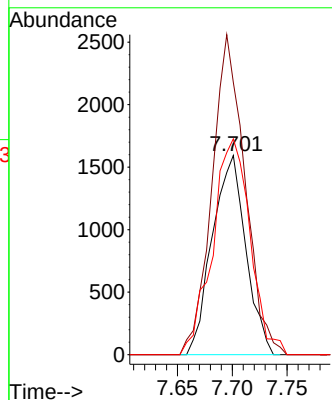
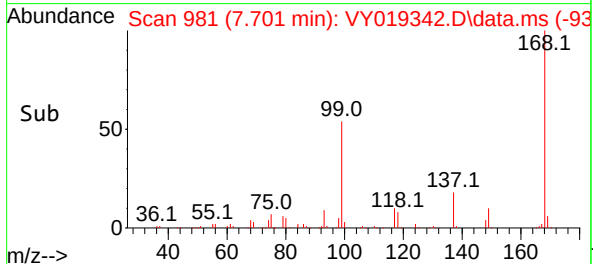


#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019342.D
Acq: 28 Aug 2024 20:13

Instrument :
MSVOA_Y
ClientSampleId :

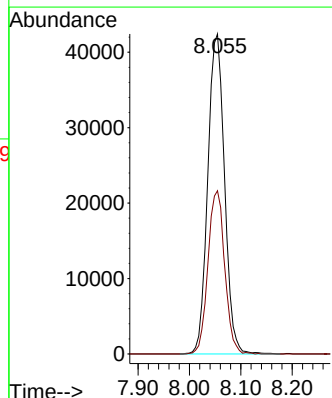
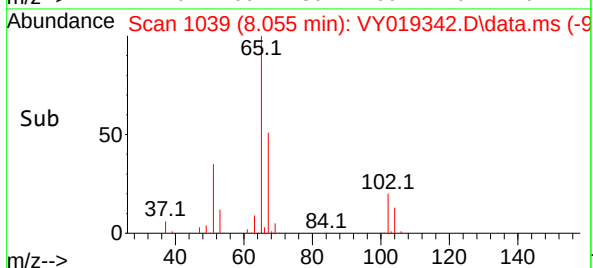
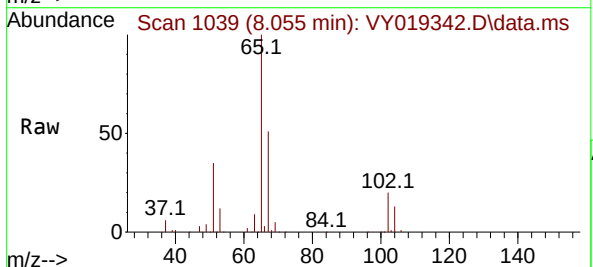


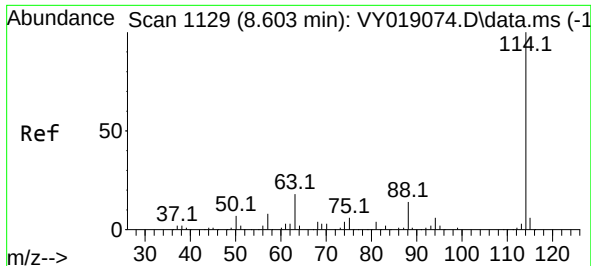
Tgt Ion: 56 Resp: 3391
Ion Ratio Lower Upper
56 100
69 136.6 28.7 43.1#
84 108.3 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 61.247 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019342.D
Acq: 28 Aug 2024 20:13

Tgt Ion: 65 Resp: 95943
Ion Ratio Lower Upper
65 100
67 51.0 0.0 109.6

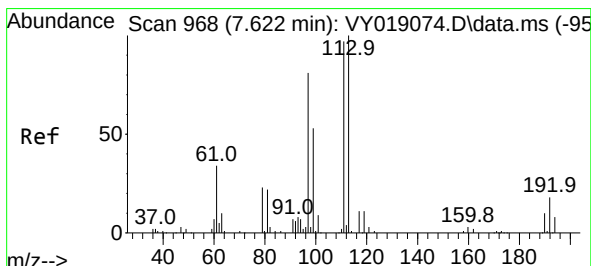
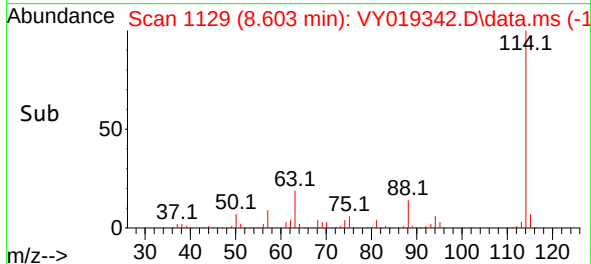
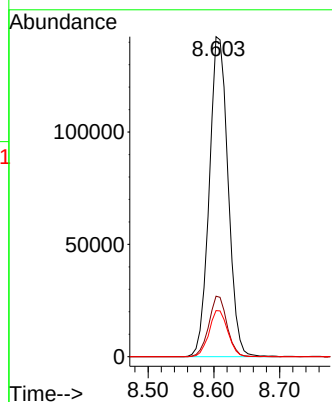
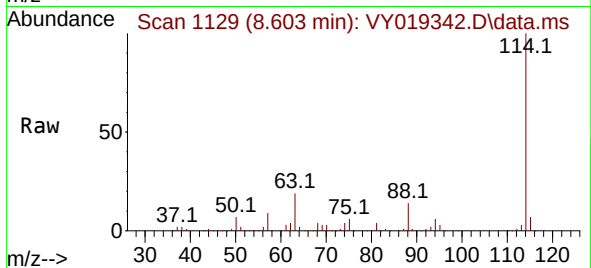




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.603 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VY019342.D
Acq: 28 Aug 2024 20:13

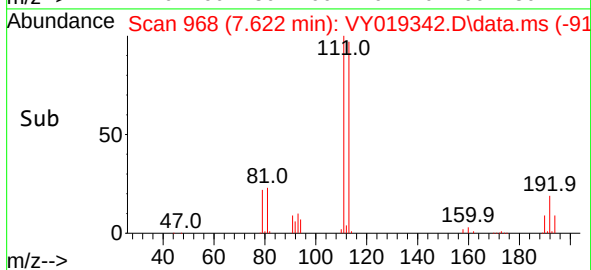
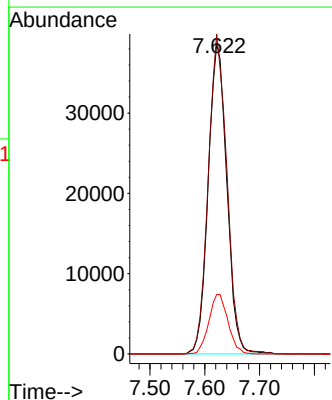
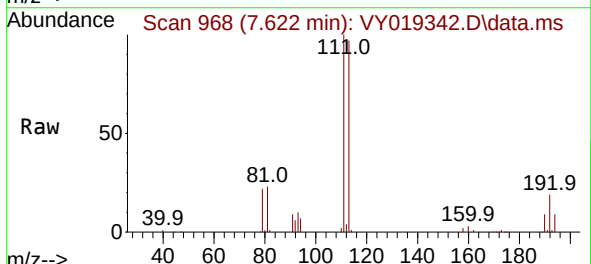
Instrument :
MSVOA_Y
ClientSampleId :

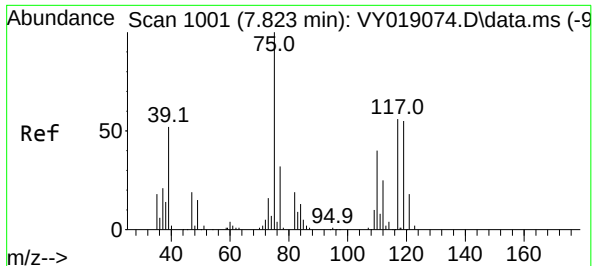
Tgt Ion:114 Resp: 283024
Ion Ratio Lower Upper
114 100
63 18.9 0.0 35.0
88 14.4 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.115 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY019342.D
Acq: 28 Aug 2024 20:13

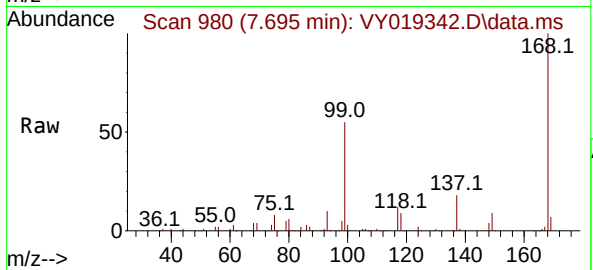
Tgt Ion:113 Resp: 90892
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 19.7 15.9 23.9



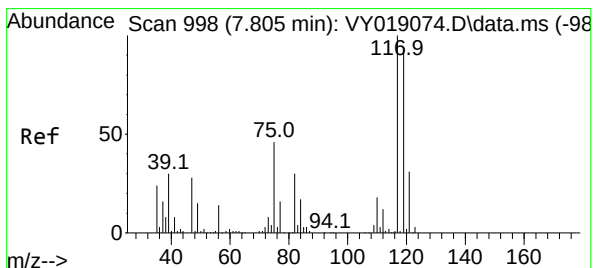
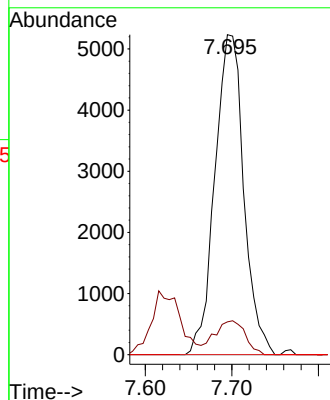
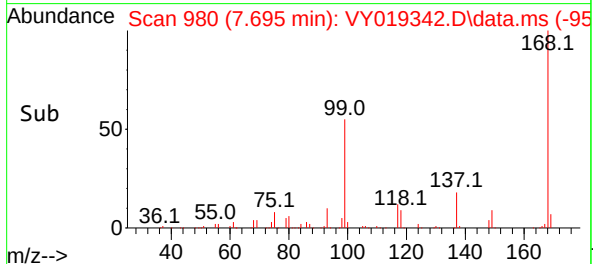


#36
1,1-Dichloropropene
Concen: 4.777 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY019342.D
Acq: 28 Aug 2024 20:13

Instrument :
MSVOA_Y
ClientSampleId :

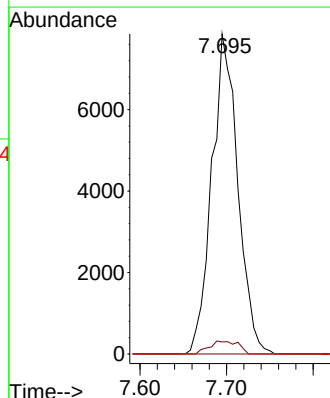
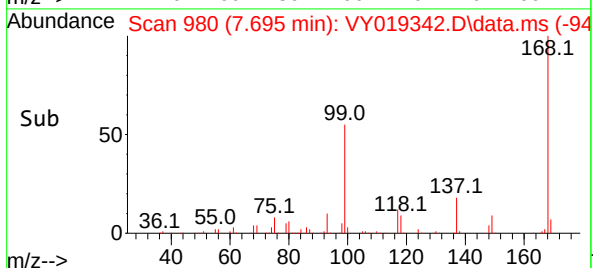
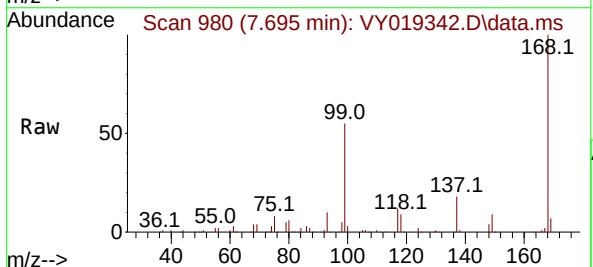


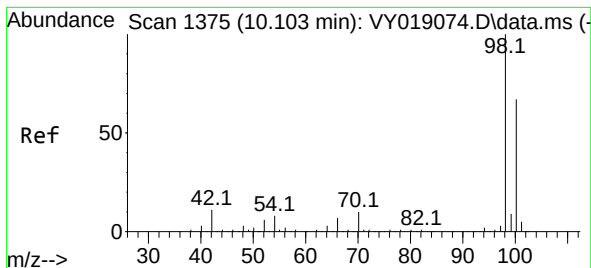
Tgt Ion: 75 Resp: 12140
Ion Ratio Lower Upper
75 100
110 11.2 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.567 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY019342.D
Acq: 28 Aug 2024 20:13

Tgt Ion: 117 Resp: 16395
Ion Ratio Lower Upper
117 100
119 3.7 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 48.389 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019342.D

Acq: 28 Aug 2024 20:13

Instrument :

MSVOA_Y

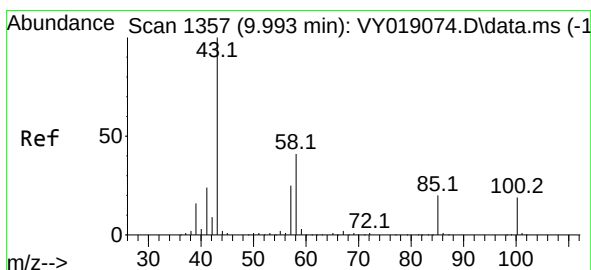
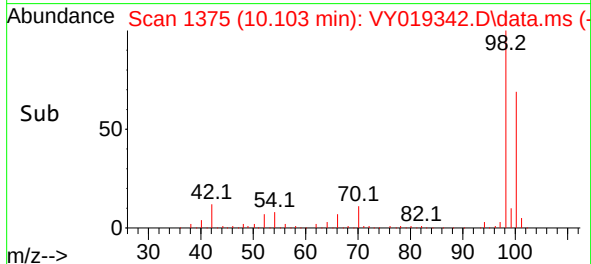
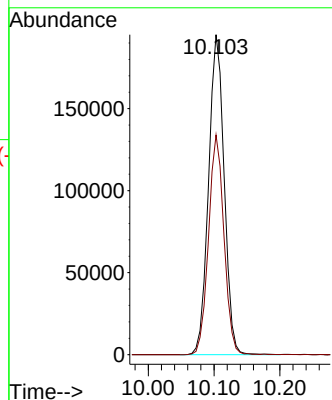
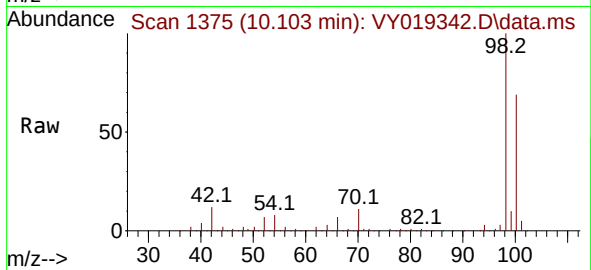
ClientSampleId :

Tgt Ion: 98 Resp: 322253

Ion Ratio Lower Upper

98 100

100 67.7 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.289 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.110 min

Lab File: VY019342.D

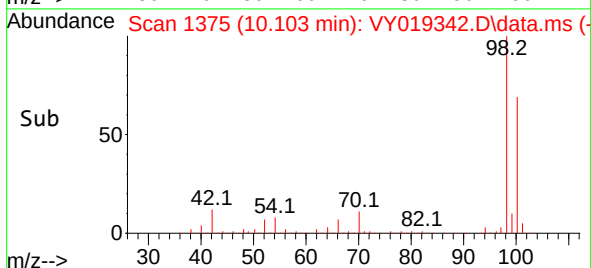
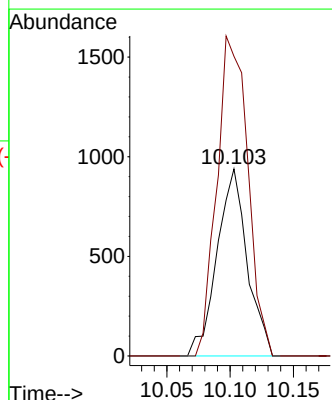
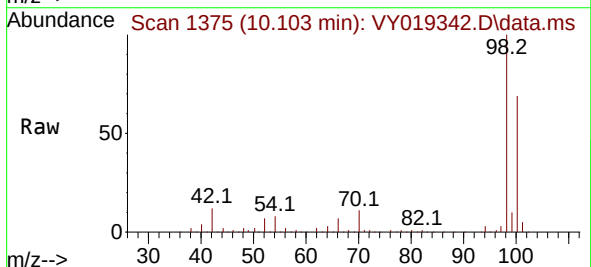
Acq: 28 Aug 2024 20:13

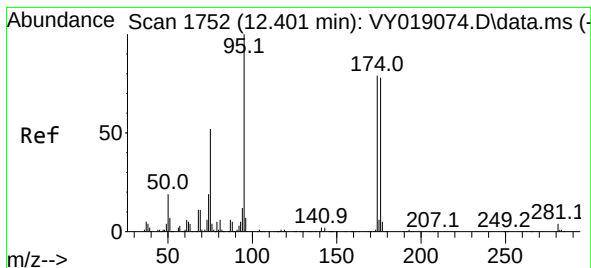
Tgt Ion: 43 Resp: 1558

Ion Ratio Lower Upper

43 100

58 175.2 35.7 53.5#

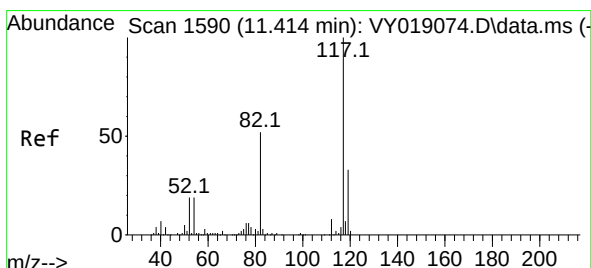
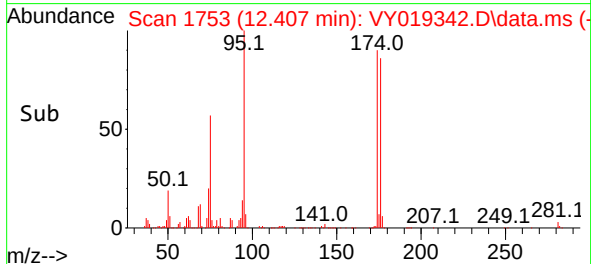
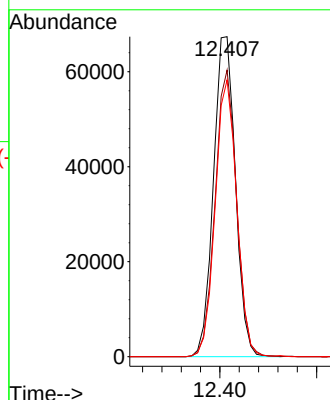
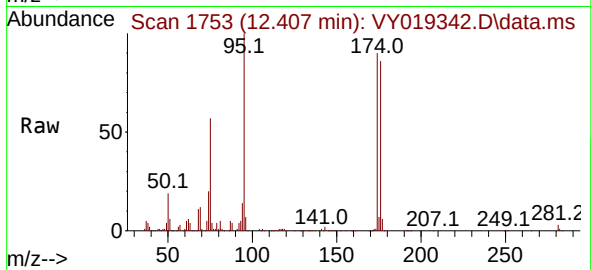




#62
4-Bromofluorobenzene
Concen: 46.791 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019342.D
Acq: 28 Aug 2024 20:13

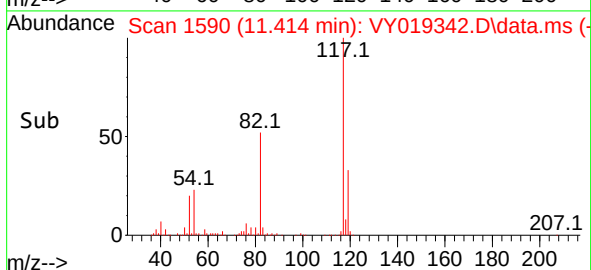
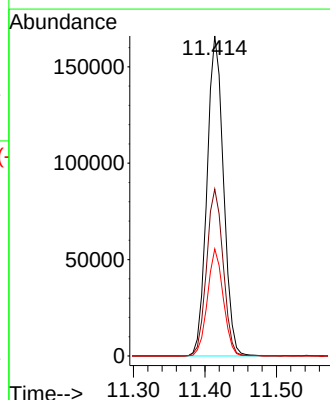
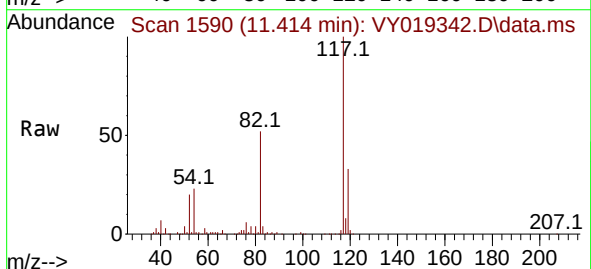
Instrument :
MSVOA_Y
ClientSampleId :

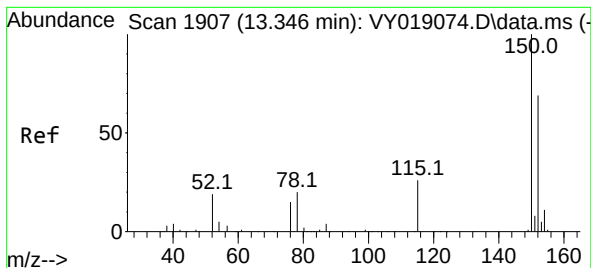
Tgt Ion: 95 Resp: 106228
Ion Ratio Lower Upper
95 100
174 87.6 0.0 175.6
176 84.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019342.D
Acq: 28 Aug 2024 20:13

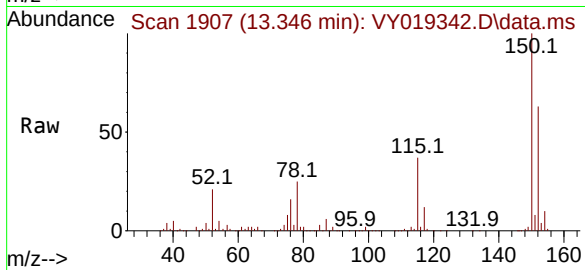
Tgt Ion: 117 Resp: 266292
Ion Ratio Lower Upper
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82 52.1 42.4 63.6
119 33.4 25.9 38.9



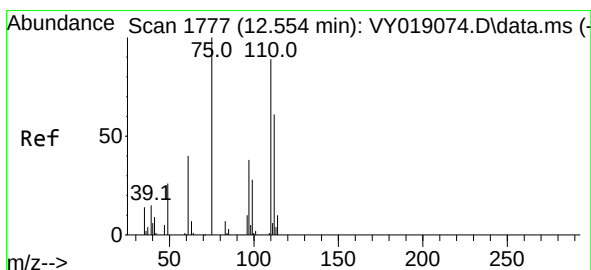
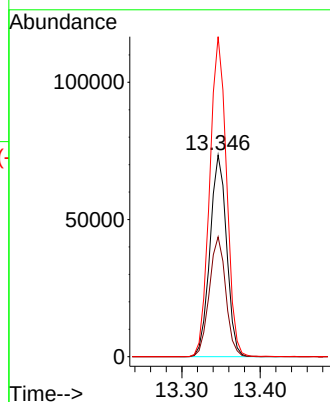
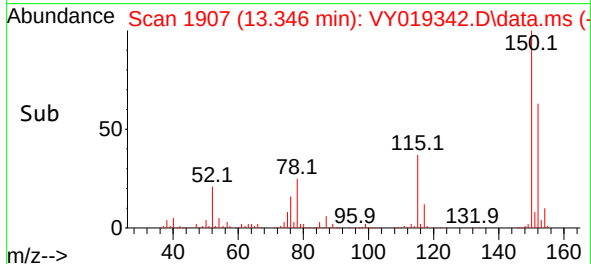


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019342.D
 Acq: 28 Aug 2024 20:13

Instrument :
 MSVOA_Y
 ClientSampleId :

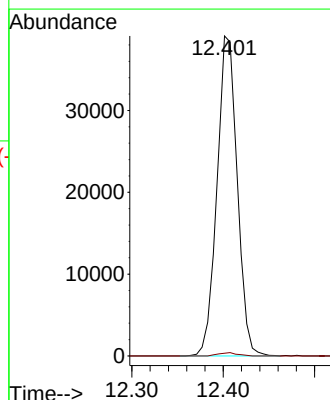
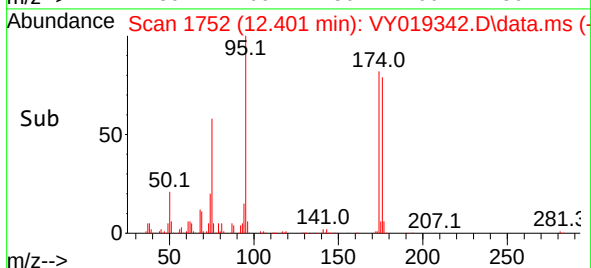
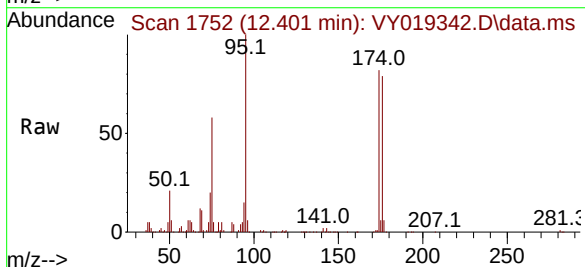


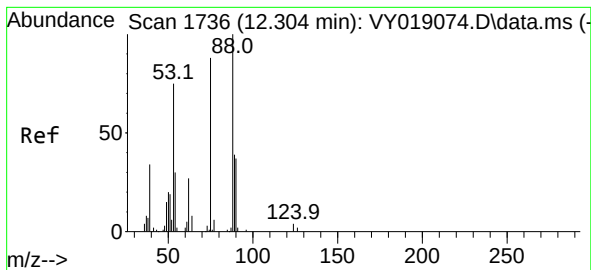
Tgt Ion:152 Resp: 108287
 Ion Ratio Lower Upper
 152 100
 115 58.7 28.2 84.7
 150 160.3 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 56.432 ug/l
 RT: 12.401 min Scan# 1752
 Delta R.T. -0.152 min
 Lab File: VY019342.D
 Acq: 28 Aug 2024 20:13

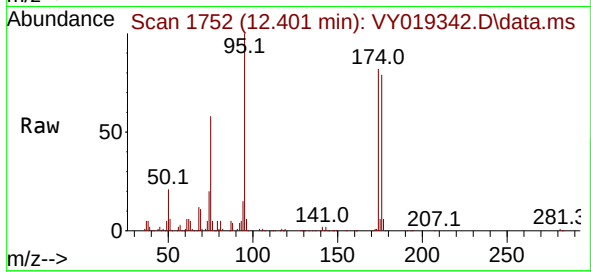
Tgt Ion: 75 Resp: 60264
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.368 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019342.D
 Acq: 28 Aug 2024 20:13

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 60264
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.0 35.8 53.6#

