

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019345.D
 Acq On : 28 Aug 2024 21:28
 Operator : SY/MD
 Sample : P3739-15
 Misc : 5.47g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 29 01:40:20 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

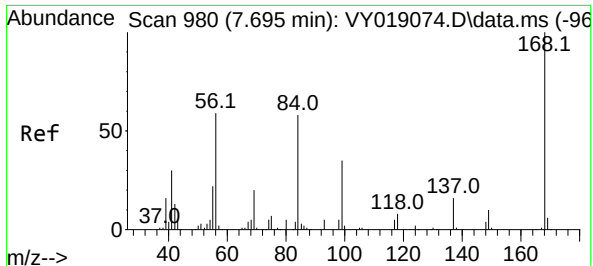
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.701	168	150146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	270679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	251712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	102461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	87092	57.865	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.720%
35) Dibromofluoromethane	7.628	113	85212	48.146	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.300%
50) Toluene-d8	10.103	98	311470	48.903	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.800%
62) 4-Bromofluorobenzene	12.407	95	99668	45.904	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	91.800%
Target Compounds						
						Qvalue
5) Bromomethane	2.592	94	263	Below Cal		85
6) Chloroethane	2.708	64	51	Below Cal	#	42
20) Methylene Chloride	4.604	84	5728	Below Cal		97
31) Cyclohexane	7.695	56	3328	Below Cal	#	41
36) 1,1-Dichloropropene	7.695	75	11499	4.731	ug/l #	50
38) Carbon Tetrachloride	7.701	117	14673	5.210	ug/l #	18
51) 4-Methyl-2-Pentanone	10.109	43	1508	1.305	ug/l #	1
76) 1,2,3-Trichloropropane	12.407	75	55703	55.127	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	55703	136.145	ug/l #	16

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

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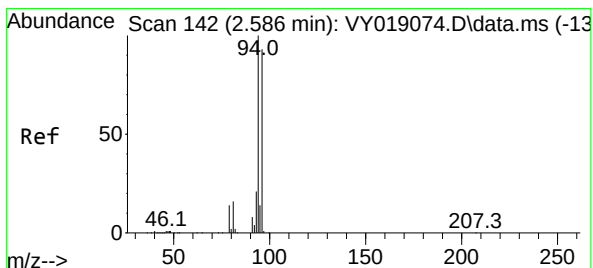
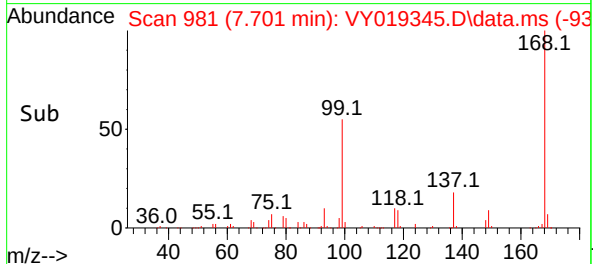
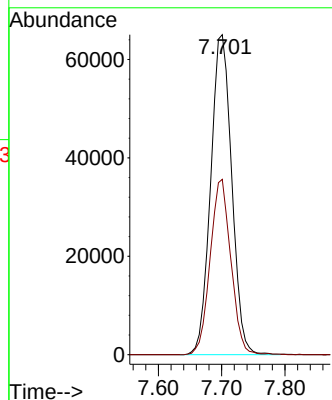
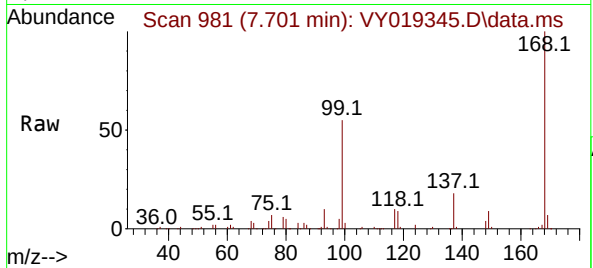




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019345.D
Acq: 28 Aug 2024 21:28

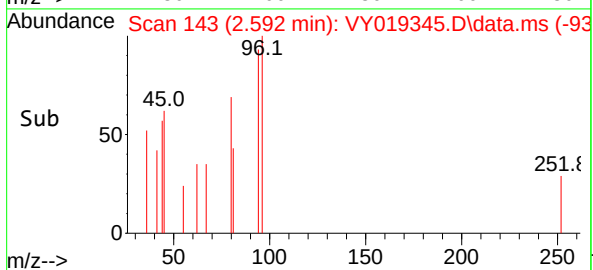
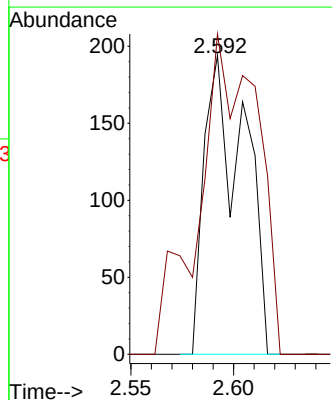
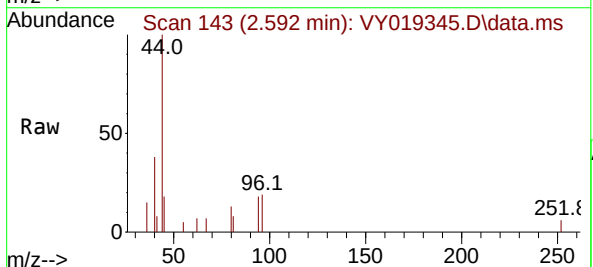
Instrument :
MSVOA_Y
ClientSampleId :

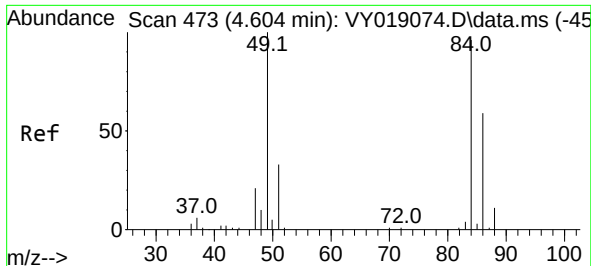
Tgt Ion:168 Resp: 150146
Ion Ratio Lower Upper
168 100
99 54.8 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.592 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY019345.D
Acq: 28 Aug 2024 21:28

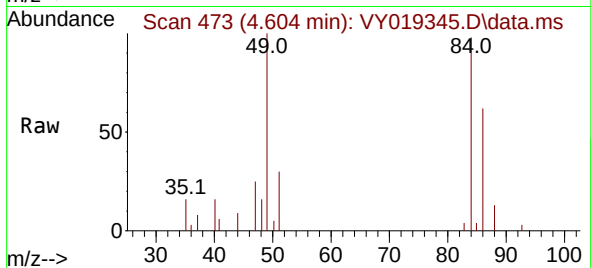
Tgt Ion: 94 Resp: 263
Ion Ratio Lower Upper
94 100
96 107.2 74.1 111.1





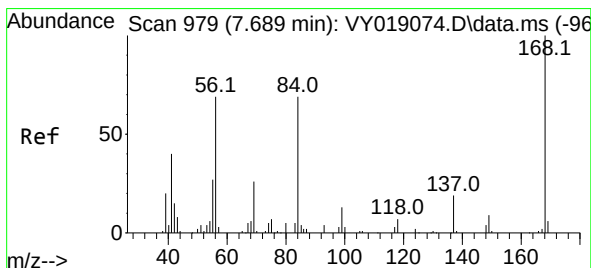
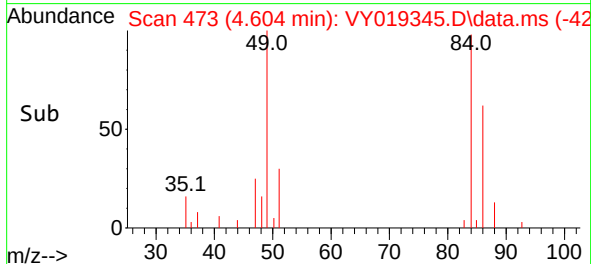
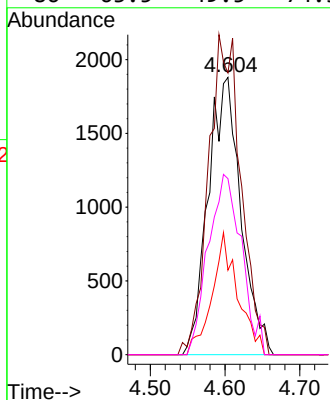
#20
Methylene Chloride
Concen: Below Cal
RT: 4.604 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY019345.D
Acq: 28 Aug 2024 21:28

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 5728

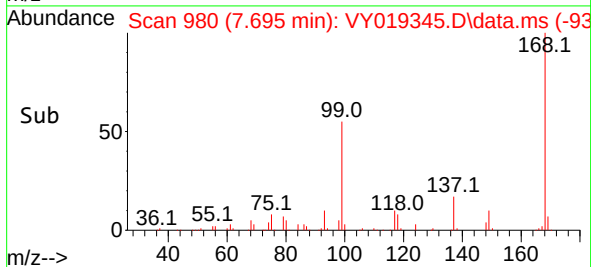
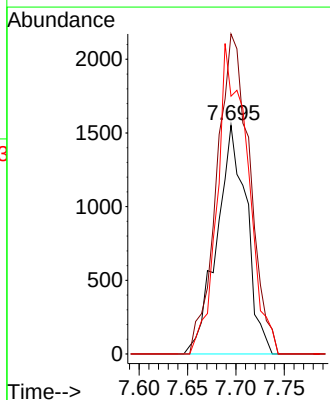
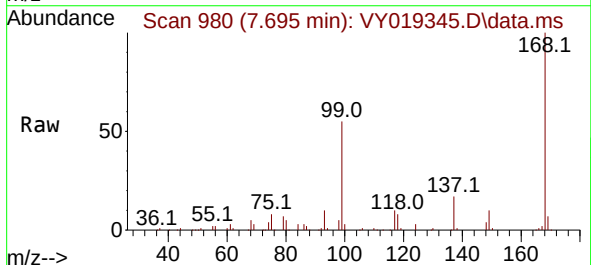
Ion	Ratio	Lower	Upper
84	100		
49	101.6	84.4	126.6
51	30.5	26.0	39.0
86	63.5	49.5	74.3

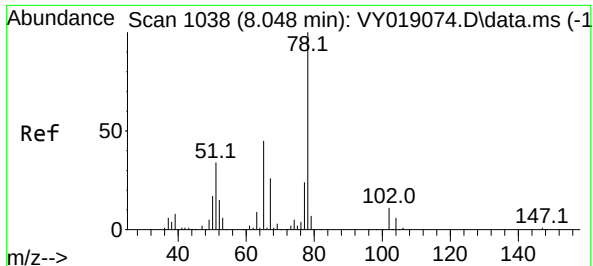


#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY019345.D
Acq: 28 Aug 2024 21:28

Tgt Ion: 56 Resp: 3328

Ion	Ratio	Lower	Upper
56	100		
69	139.9	28.7	43.1#
84	112.8	77.7	116.5





#33

1,2-Dichloroethane-d4

Concen: 57.865 ug/l

RT: 8.055 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019345.D

Acq: 28 Aug 2024 21:28

Instrument :

MSVOA_Y

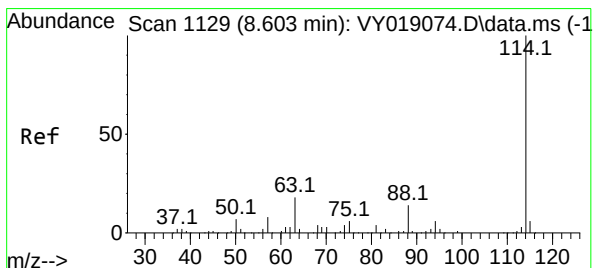
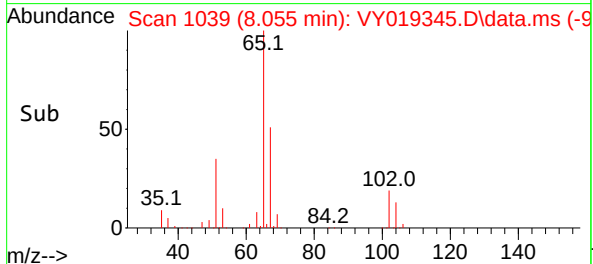
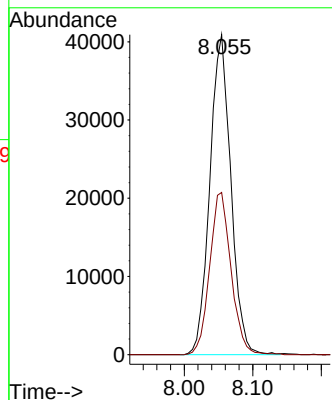
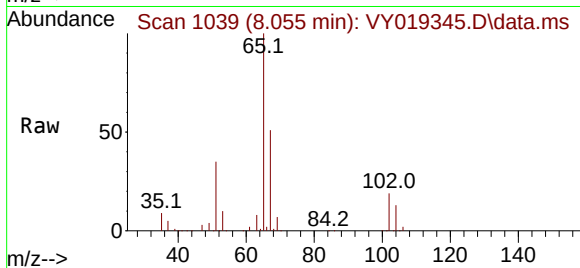
ClientSampleId :

Tgt Ion: 65 Resp: 87092

Ion Ratio Lower Upper

65 100

67 51.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019345.D

Acq: 28 Aug 2024 21:28

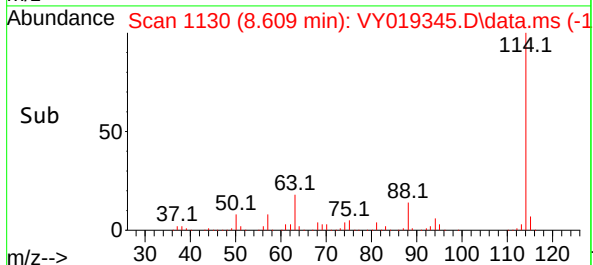
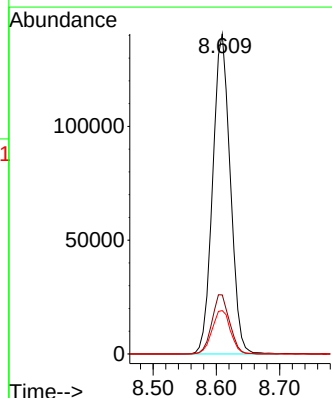
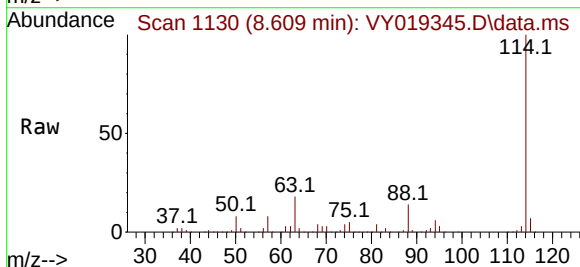
Tgt Ion: 114 Resp: 270679

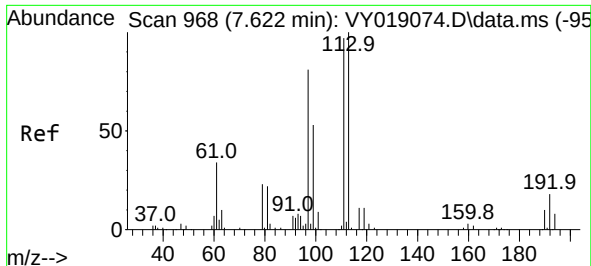
Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 13.6 0.0 27.2

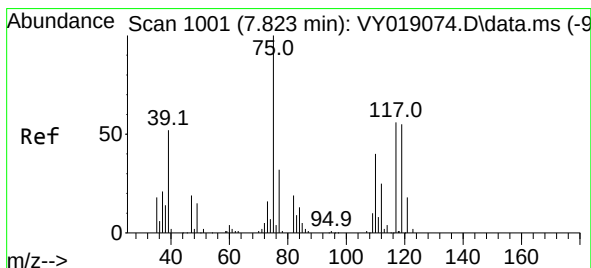
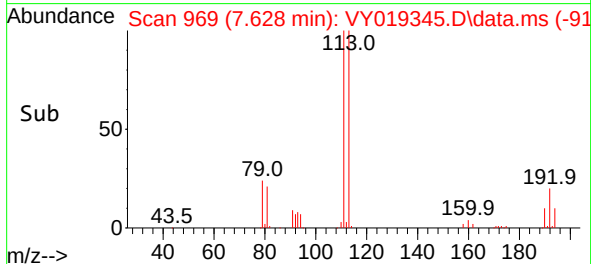
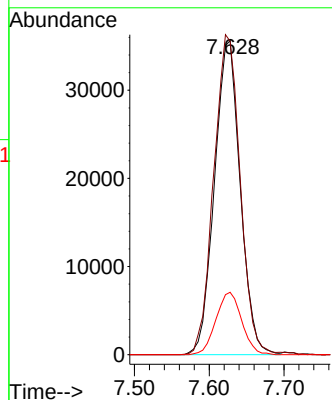
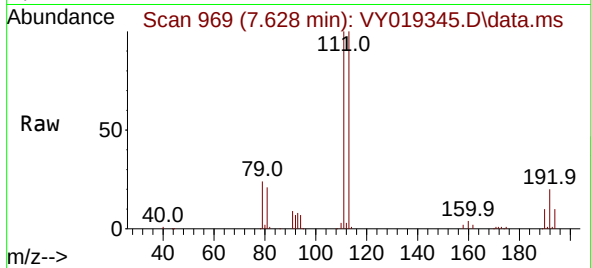




#35
Dibromofluoromethane
Concen: 48.146 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019345.D
Acq: 28 Aug 2024 21:28

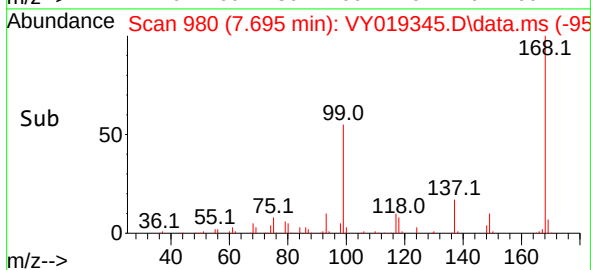
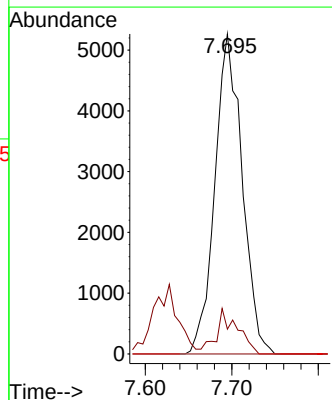
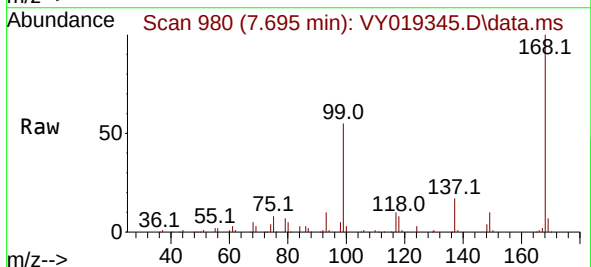
Instrument :
MSVOA_Y
ClientSampleId :

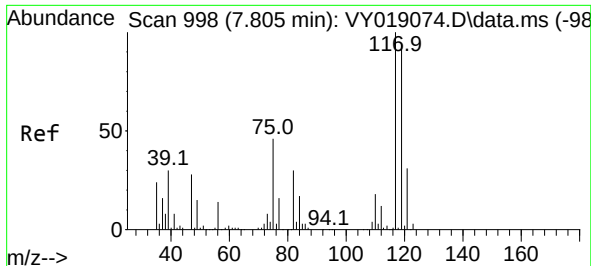
Tgt Ion:113 Resp: 85212
Ion Ratio Lower Upper
113 100
111 105.0 82.2 123.4
192 19.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.731 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY019345.D
Acq: 28 Aug 2024 21:28

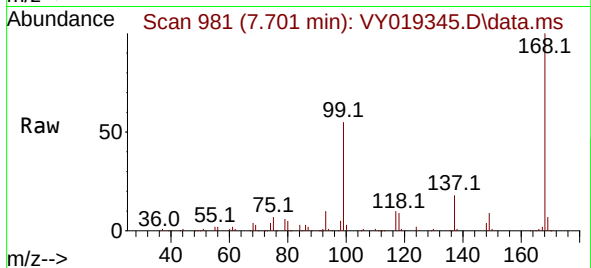
Tgt Ion: 75 Resp: 11499
Ion Ratio Lower Upper
75 100
110 10.8 19.0 57.0#
77 0.0 25.3 37.9#



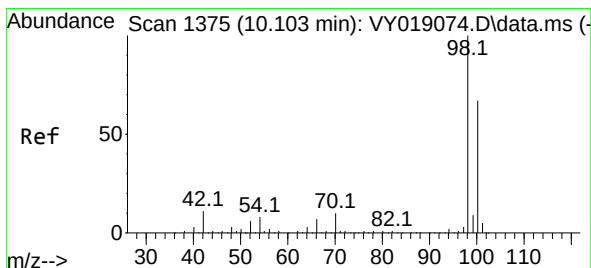
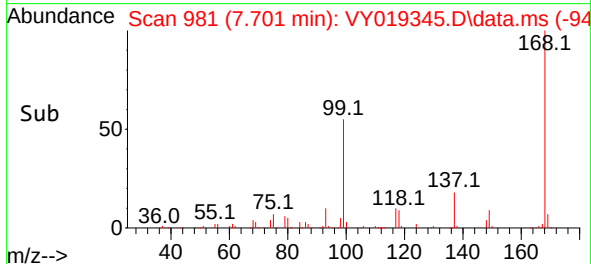
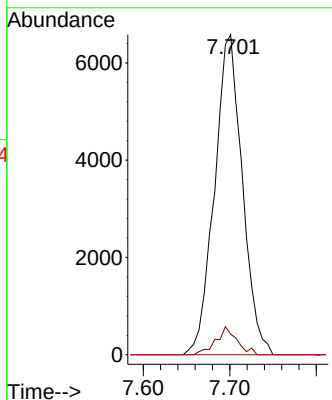


#38
Carbon Tetrachloride
Concen: 5.210 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY019345.D
Acq: 28 Aug 2024 21:28

Instrument :
MSVOA_Y
ClientSampleId :

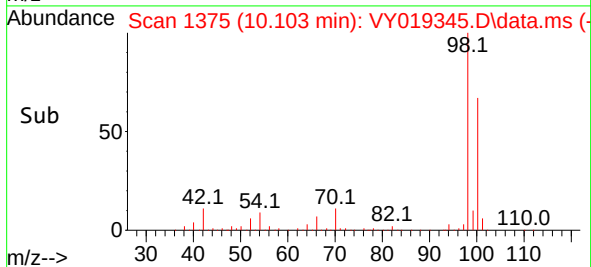
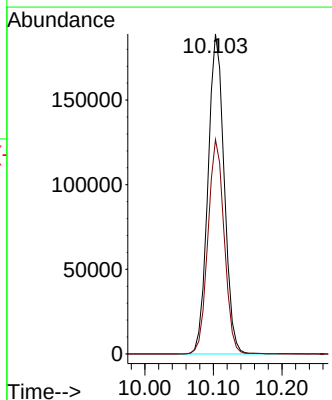
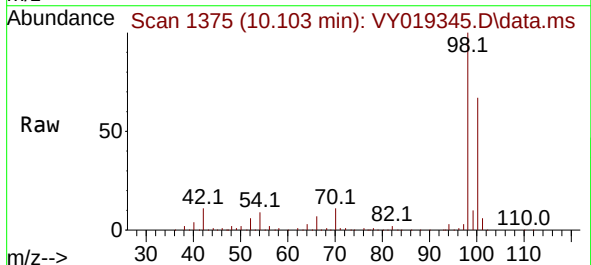


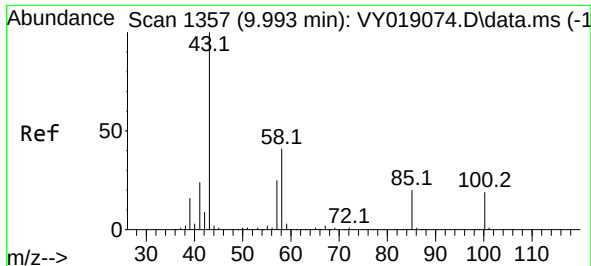
Tgt Ion:117 Resp: 14673
Ion Ratio Lower Upper
117 100
119 6.4 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.903 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019345.D
Acq: 28 Aug 2024 21:28

Tgt Ion: 98 Resp: 311470
Ion Ratio Lower Upper
98 100
100 67.1 52.0 78.0

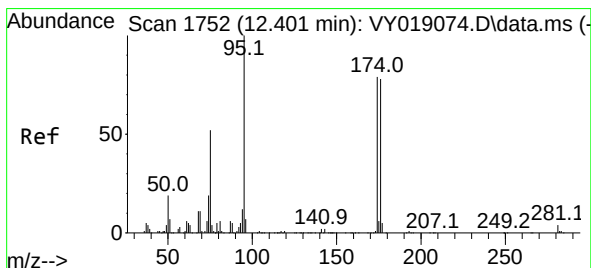
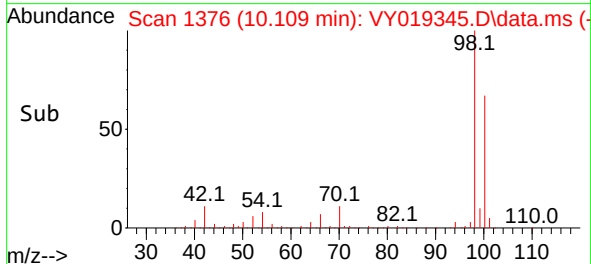
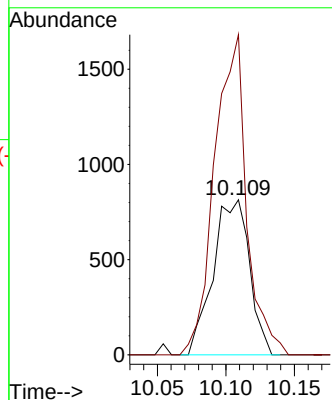
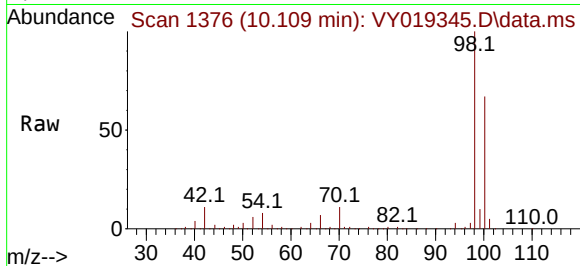




#51
4-Methyl-2-Pentanone
Concen: 1.305 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY019345.D
Acq: 28 Aug 2024 21:28

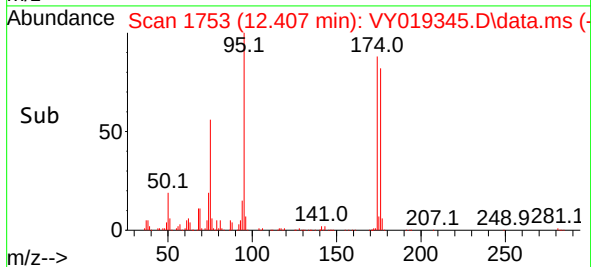
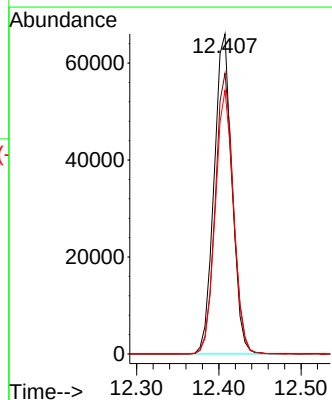
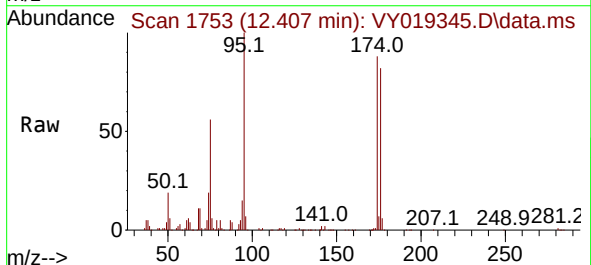
Instrument :
MSVOA_Y
ClientSampleId :

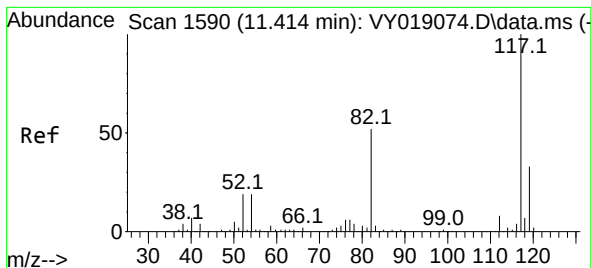
Tgt Ion: 43 Resp: 1508
Ion Ratio Lower Upper
43 100
58 180.9 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 45.904 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019345.D
Acq: 28 Aug 2024 21:28

Tgt Ion: 95 Resp: 99668
Ion Ratio Lower Upper
95 100
174 88.9 0.0 175.6
176 84.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019345.D

Acq: 28 Aug 2024 21:28

Instrument :

MSVOA_Y

ClientSampleId :

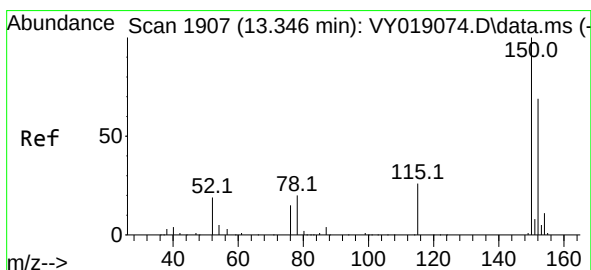
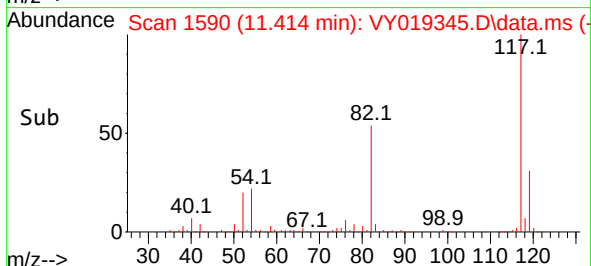
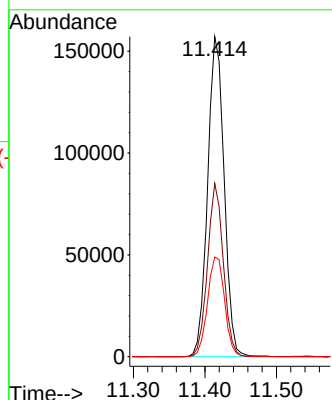
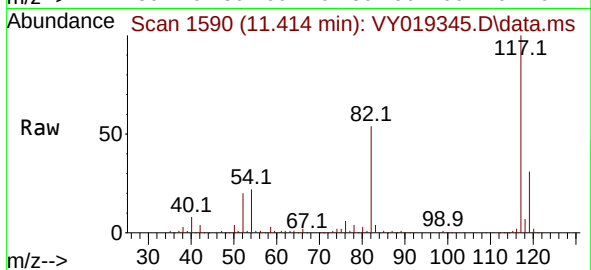
Tgt Ion:117 Resp: 251712

Ion Ratio Lower Upper

117 100

82 54.2 42.4 63.6

119 31.1 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: VY019345.D

Acq: 28 Aug 2024 21:28

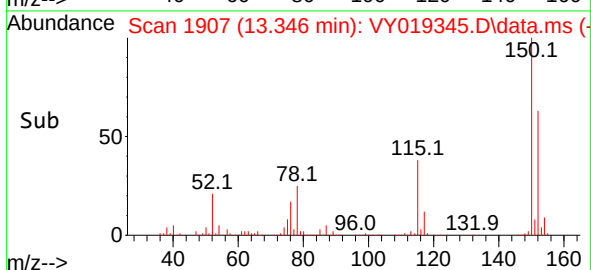
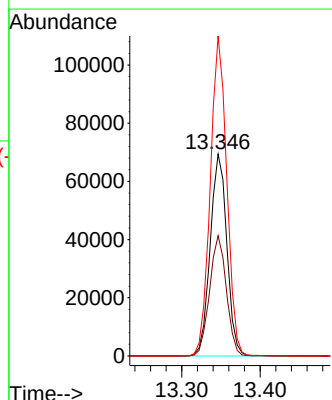
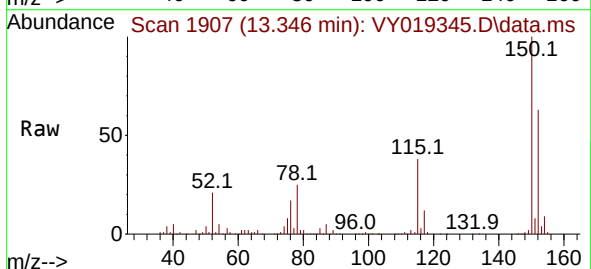
Tgt Ion:152 Resp: 102461

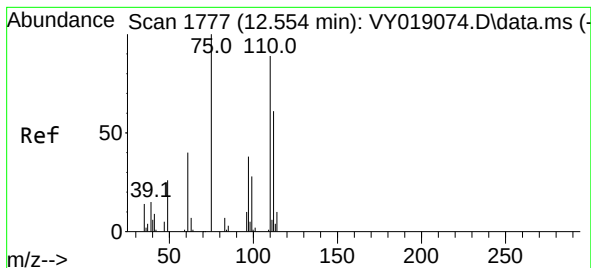
Ion Ratio Lower Upper

152 100

115 60.0 28.2 84.7

150 156.5 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 55.127 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY019345.D

Acq: 28 Aug 2024 21:28

Instrument :

MSVOA_Y

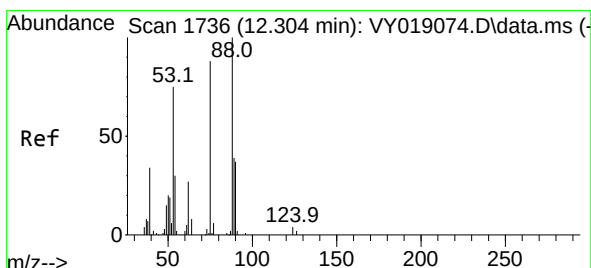
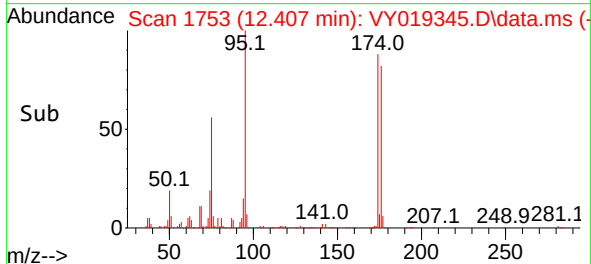
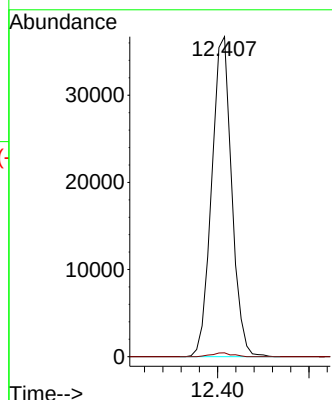
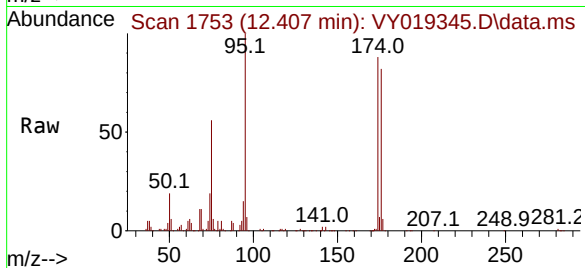
ClientSampleId :

Tgt Ion: 75 Resp: 55703

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 136.145 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.104 min

Lab File: VY019345.D

Acq: 28 Aug 2024 21:28

Tgt Ion: 75 Resp: 55703

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.0 35.8 53.6#

