

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110824\
 Data File : VY020232.D
 Acq On : 08 Nov 2024 14:48
 Operator : SY/MD
 Sample : P4771-05
 Misc : 7.55g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 08 22:19:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

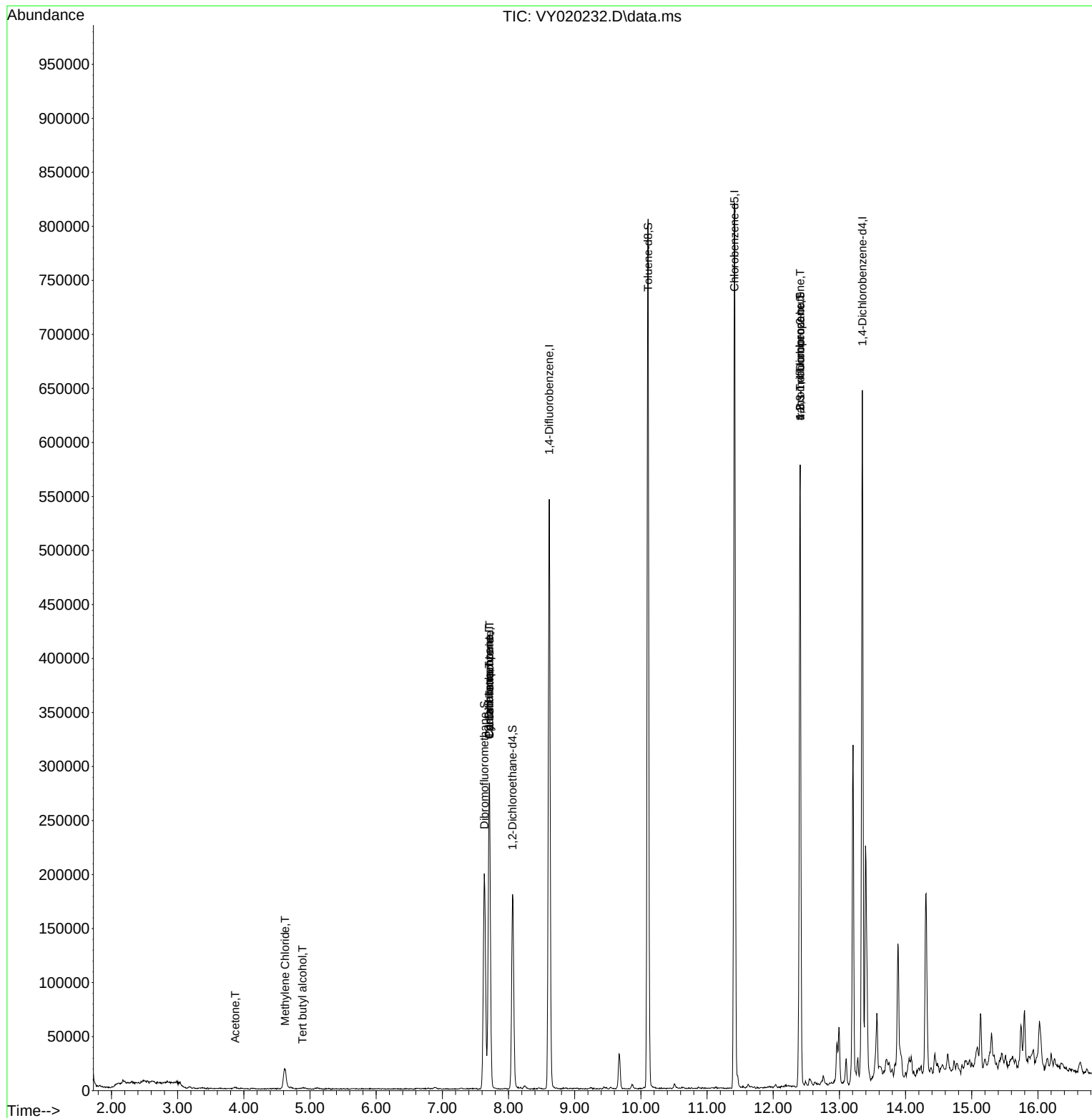
Internal Standards						
1) Pentafluorobenzene	7.707	168	197681	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	425026	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	384906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	138261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	144643	58.627	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.260%			
35) Dibromofluoromethane	7.634	113	137292	50.806	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.620%			
50) Toluene-d8	10.109	98	509992	47.413	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 94.820%			
62) 4-Bromofluorobenzene	12.408	95	164567	47.102	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 94.200%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.885	59	1285	7.241	ug/l	100
16) Acetone	3.873	43	923	1.609	ug/l	89
20) Methylene Chloride	4.622	84	12878	4.996	ug/l #	78
31) Cyclohexane	7.707	56	6090	1.360	ug/l #	58
36) 1,1-Dichloropropene	7.707	75	19431	4.655	ug/l #	49
38) Carbon Tetrachloride	7.713	117	22446	5.347	ug/l #	18
76) 1,2,3-Trichloropropane	12.408	75	99345	76.652	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	99345	164.876	ug/l #	17

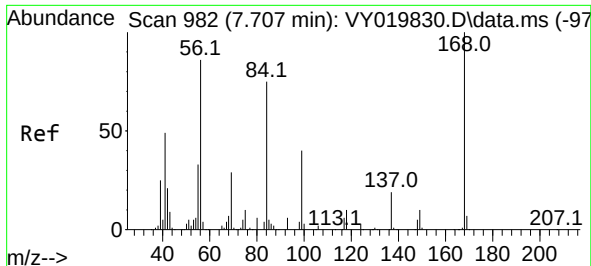
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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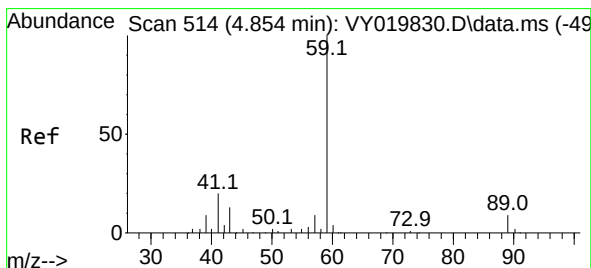
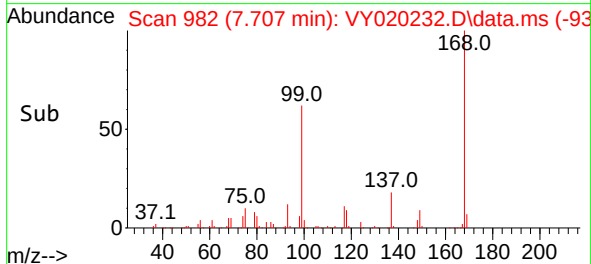
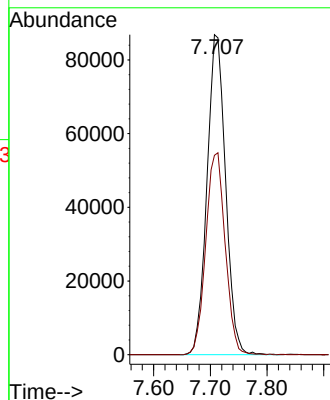
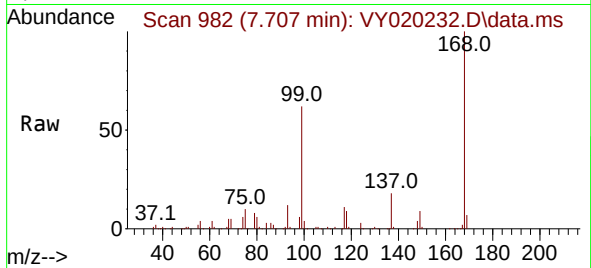




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020232.D
Acq: 08 Nov 2024 14:48

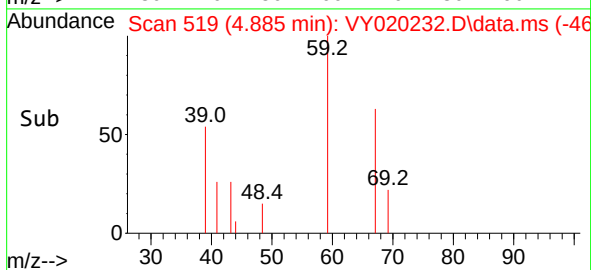
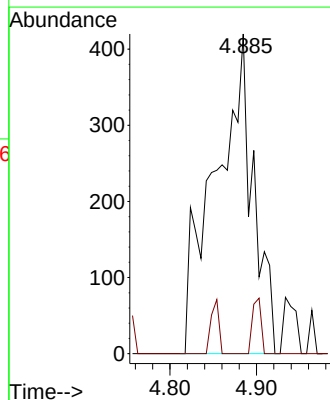
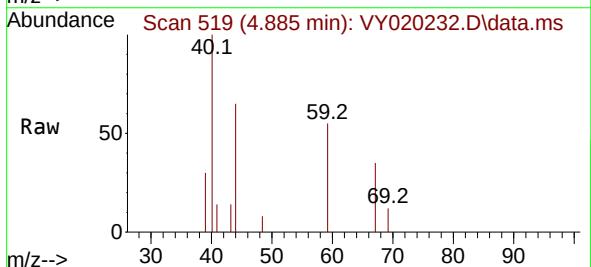
Instrument :
MSVOA_Y
ClientSampleId :

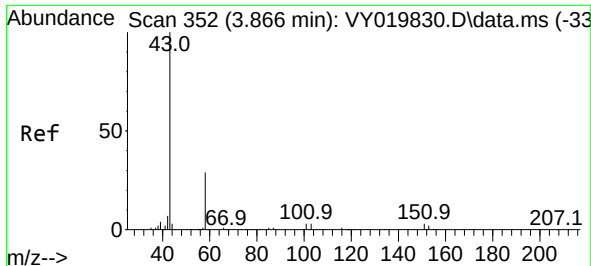
Tgt Ion:168 Resp: 197681
Ion Ratio Lower Upper
168 100
99 62.3 39.1 58.7#



#11
Tert butyl alcohol
Concen: 7.241 ug/l
RT: 4.885 min Scan# 519
Delta R.T. 0.025 min
Lab File: VY020232.D
Acq: 08 Nov 2024 14:48

Tgt Ion: 59 Resp: 1285
Ion Ratio Lower Upper
59 100
57 3.9 3.0 4.6

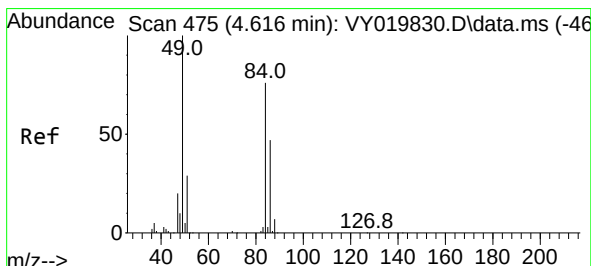
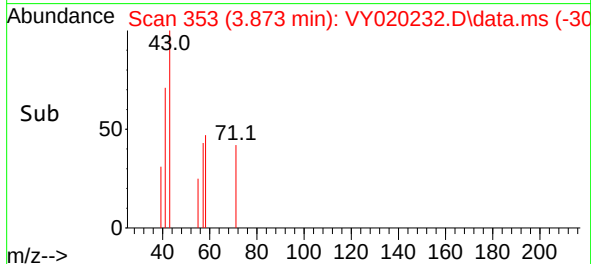
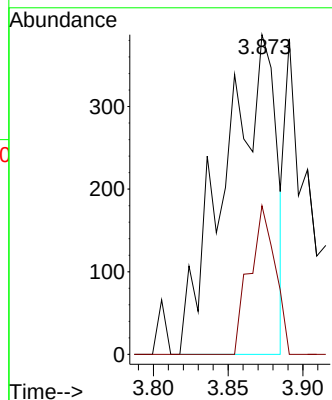
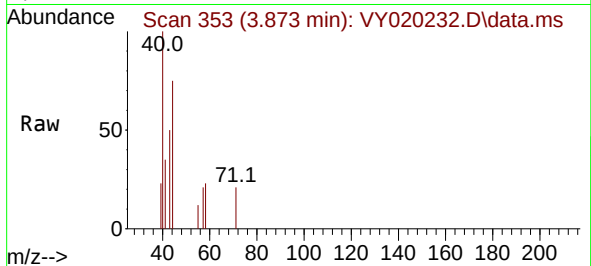




#16
Acetone
Concen: 1.609 ug/l
RT: 3.873 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY020232.D
Acq: 08 Nov 2024 14:48

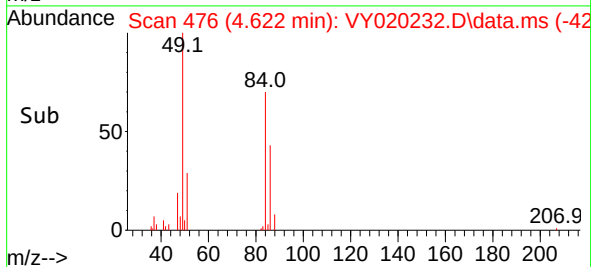
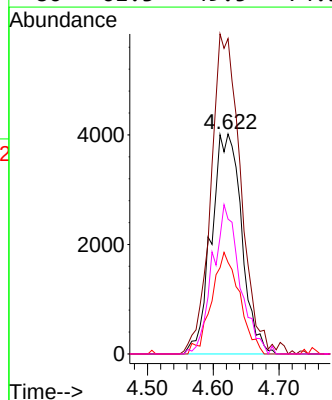
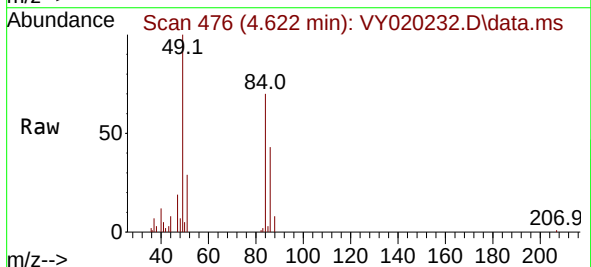
Instrument :
MSVOA_Y
ClientSampleId :

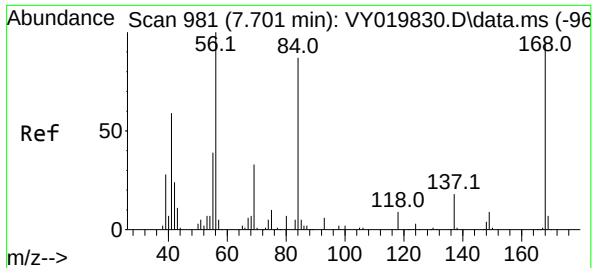
Tgt Ion: 43 Resp: 923
Ion Ratio Lower Upper
43 100
58 46.5 31.7 47.5



#20
Methylene Chloride
Concen: 4.996 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020232.D
Acq: 08 Nov 2024 14:48

Tgt Ion: 84 Resp: 12878
Ion Ratio Lower Upper
84 100
49 143.3 84.4 126.6#
51 41.6 26.0 39.0#
86 61.3 49.5 74.3

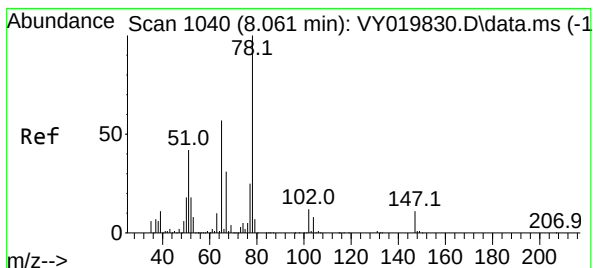
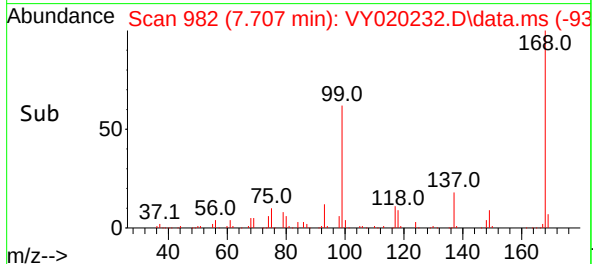
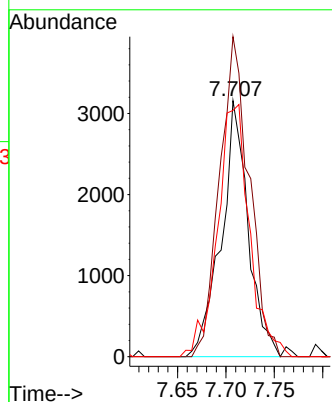
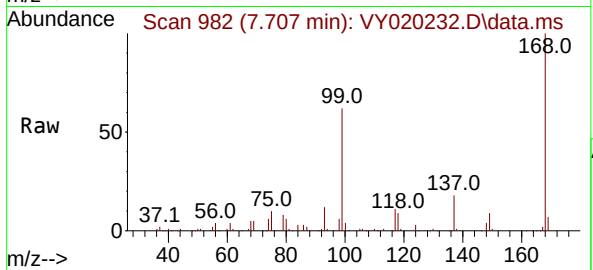




#31
Cyclohexane
Concen: 1.360 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020232.D
Acq: 08 Nov 2024 14:48

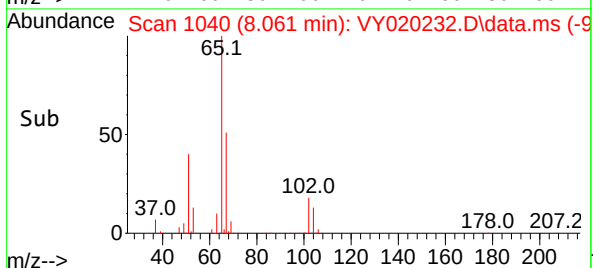
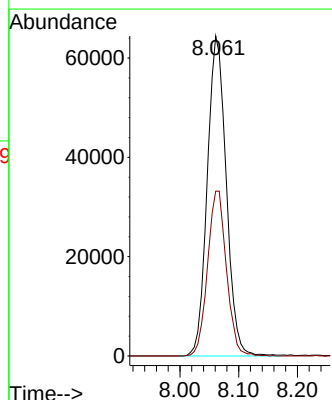
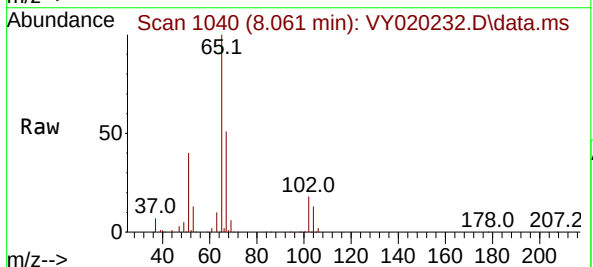
Instrument :
MSVOA_Y
ClientSampleId :

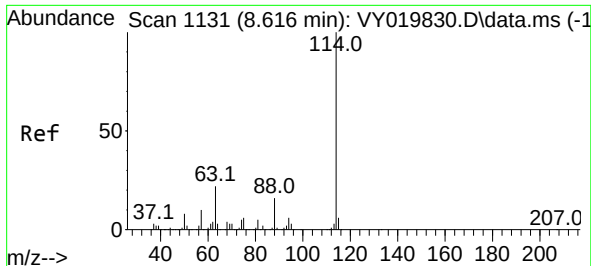
Tgt Ion: 56 Resp: 6090
Ion Ratio Lower Upper
56 100
69 125.0 28.7 43.1#
84 96.2 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 58.627 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020232.D
Acq: 08 Nov 2024 14:48

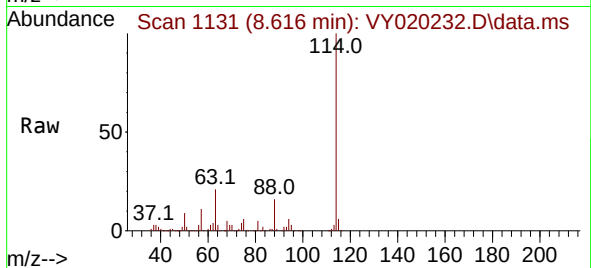
Tgt Ion: 65 Resp: 144643
Ion Ratio Lower Upper
65 100
67 51.3 0.0 109.6



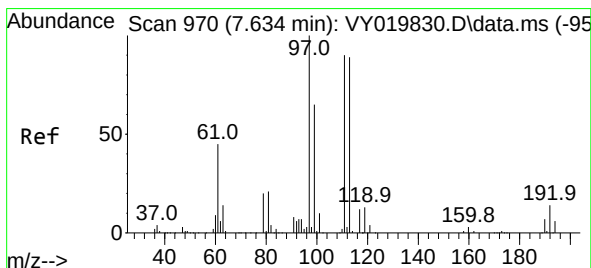
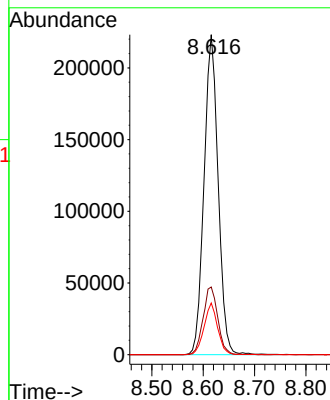
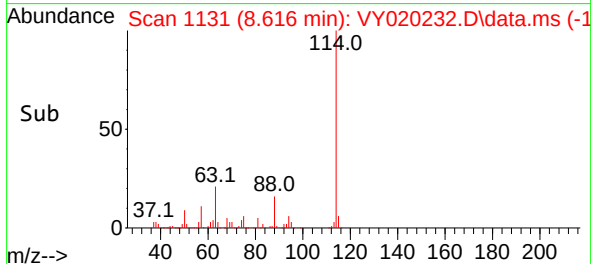


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020232.D
Acq: 08 Nov 2024 14:48

Instrument :
MSVOA_Y
ClientSampleId :

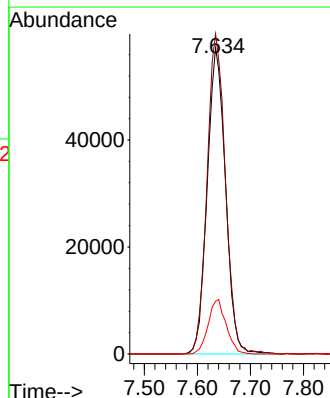
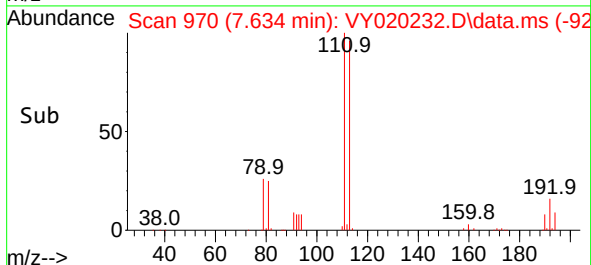
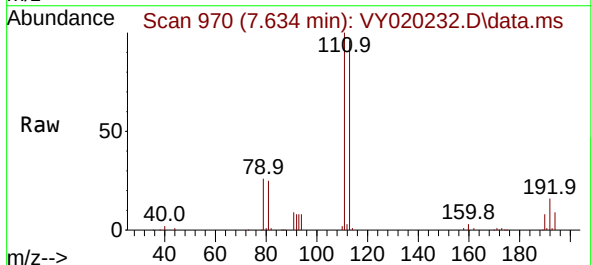


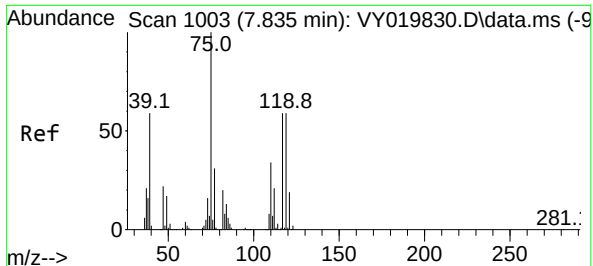
Tgt Ion:114 Resp: 425026
Ion Ratio Lower Upper
114 100
63 21.2 0.0 35.0
88 16.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 50.806 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020232.D
Acq: 08 Nov 2024 14:48

Tgt Ion:113 Resp: 137292
Ion Ratio Lower Upper
113 100
111 104.7 82.2 123.4
192 17.5 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.655 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.128 min

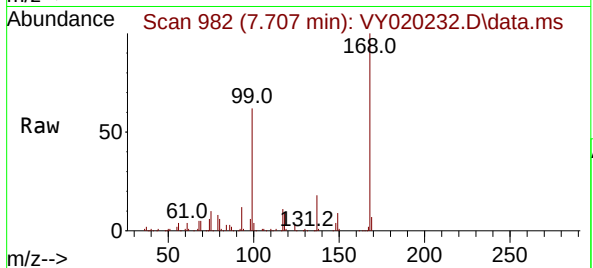
Lab File: VY020232.D

Acq: 08 Nov 2024 14:48

Instrument :

MSVOA_Y

ClientSampleId :



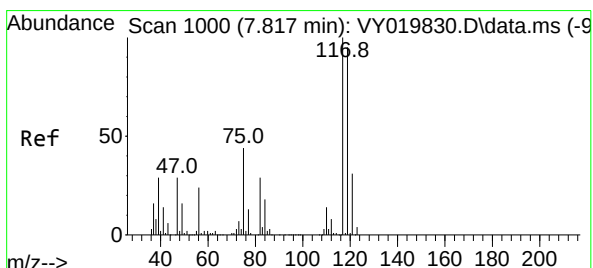
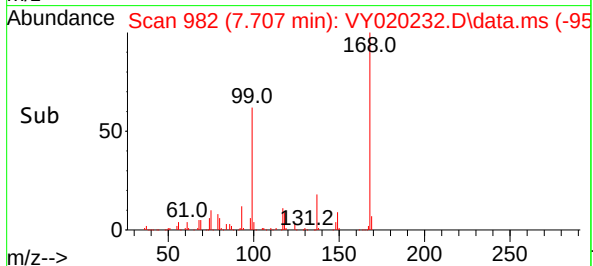
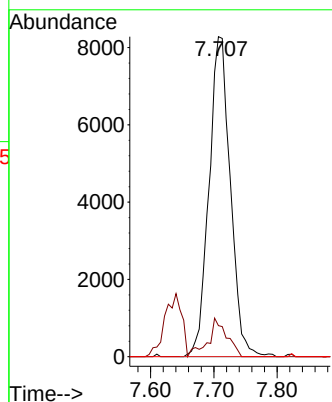
Tgt Ion: 75 Resp: 19431

Ion Ratio Lower Upper

75 100

110 10.2 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.347 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.103 min

Lab File: VY020232.D

Acq: 08 Nov 2024 14:48

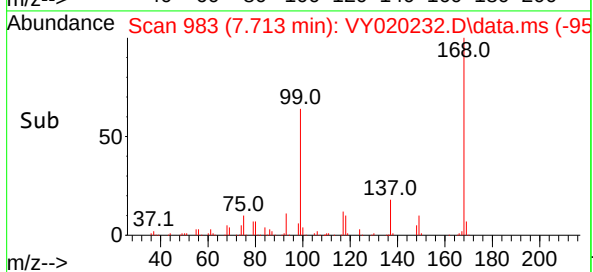
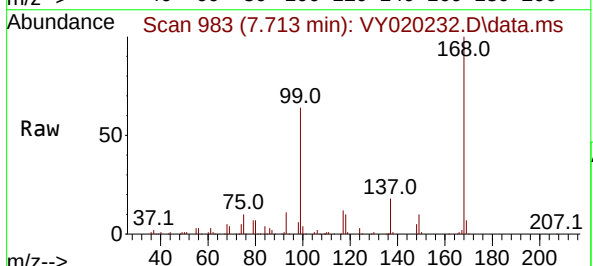
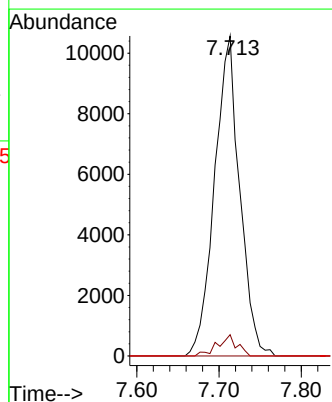
Tgt Ion: 117 Resp: 22446

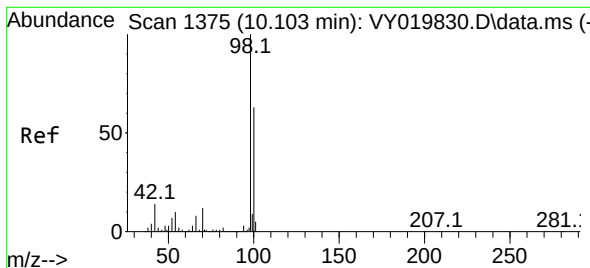
Ion Ratio Lower Upper

117 100

119 6.7 75.8 113.6#

121 0.0 24.0 36.0#

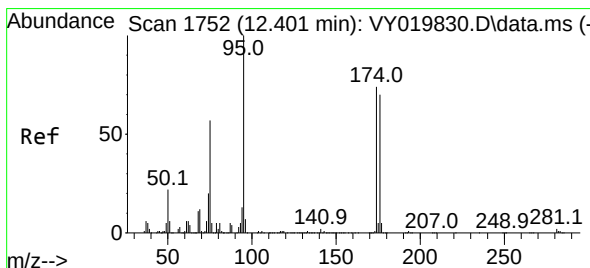
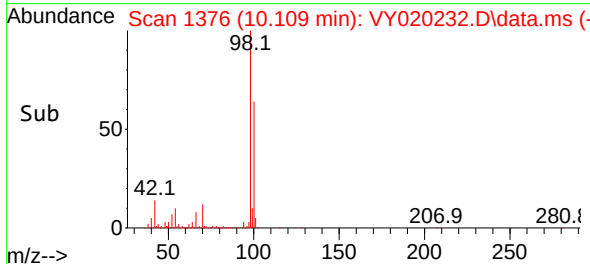
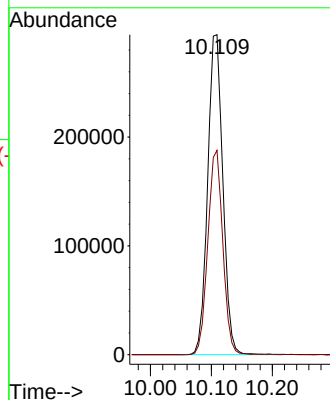
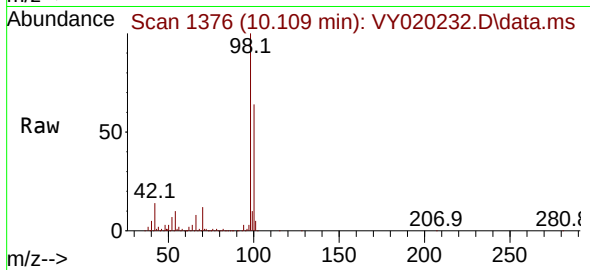




#50
Toluene-d8
Concen: 47.413 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020232.D
Acq: 08 Nov 2024 14:48

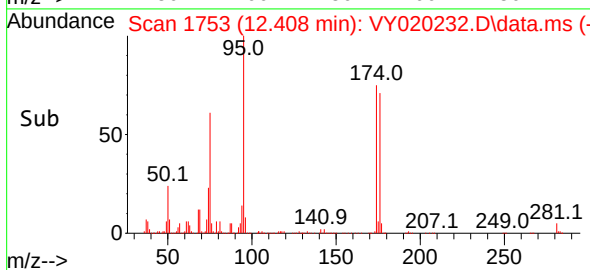
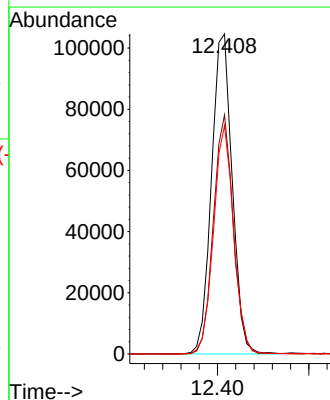
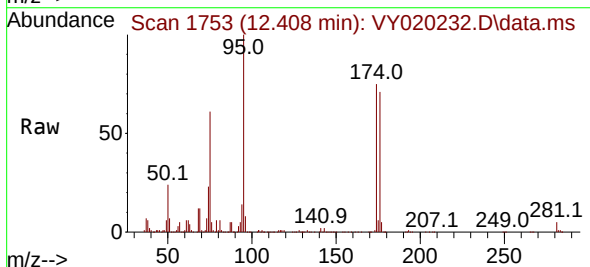
Instrument :
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ClientSampleId :

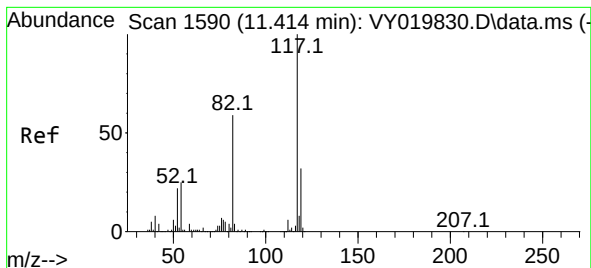
Tgt Ion: 98 Resp: 509992
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.102 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020232.D
Acq: 08 Nov 2024 14:48

Tgt Ion: 95 Resp: 164567
Ion Ratio Lower Upper
95 100
174 72.1 0.0 175.6
176 69.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020232.D

Acq: 08 Nov 2024 14:48

Instrument :

MSVOA_Y

ClientSampleId :

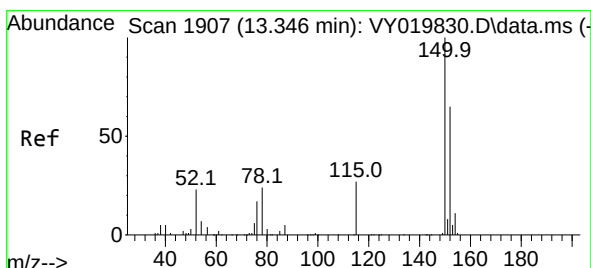
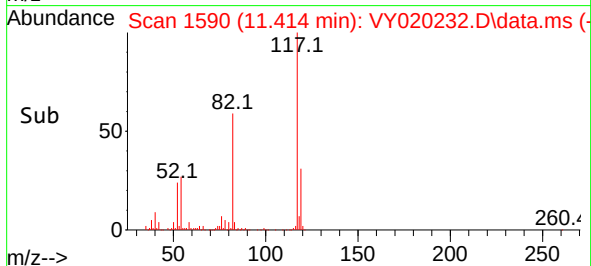
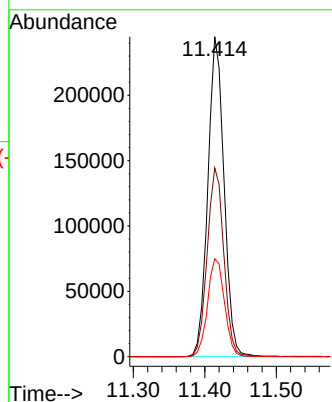
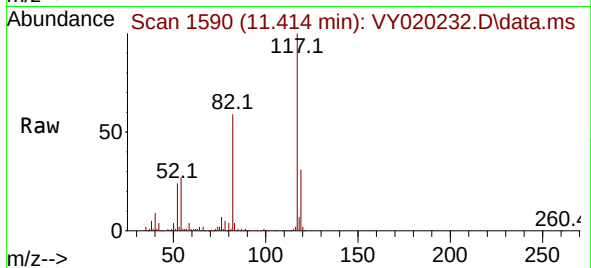
Tgt Ion:117 Resp: 384906

Ion Ratio Lower Upper

117 100

82 59.0 42.4 63.6

119 30.6 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: VY020232.D

Acq: 08 Nov 2024 14:48

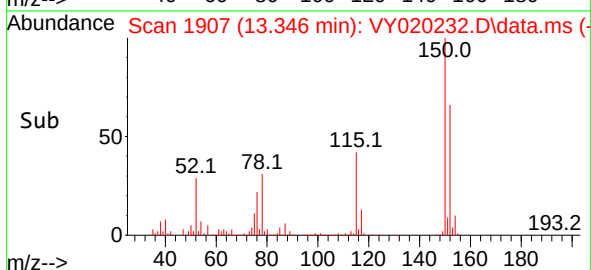
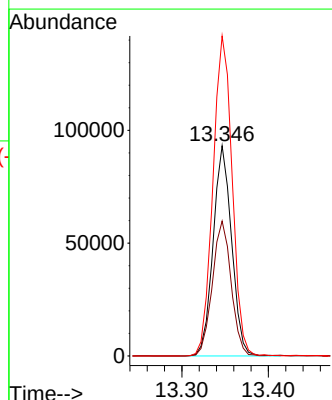
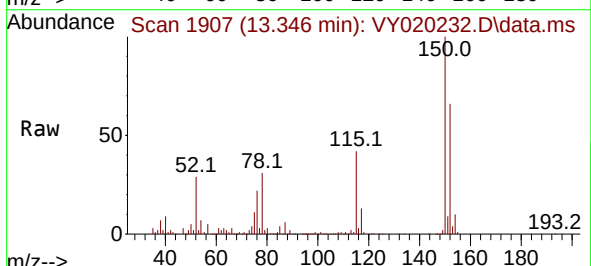
Tgt Ion:152 Resp: 138261

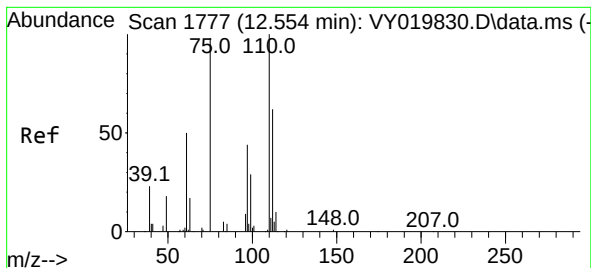
Ion Ratio Lower Upper

152 100

115 65.1 28.2 84.7

150 158.0 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 76.652 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY020232.D

Acq: 08 Nov 2024 14:48

Instrument :

MSVOA_Y

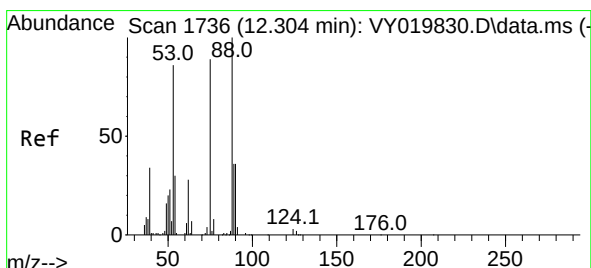
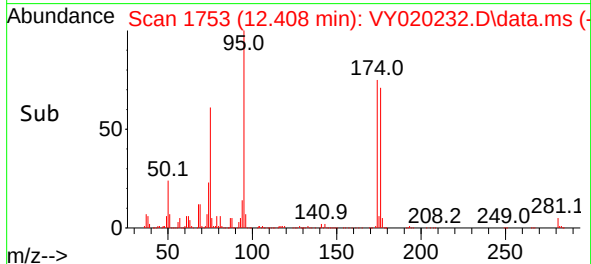
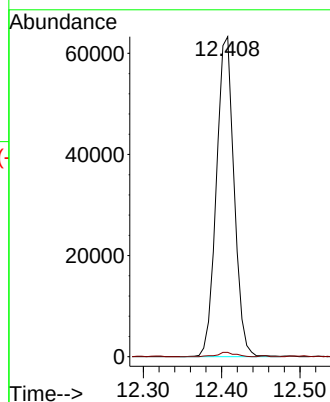
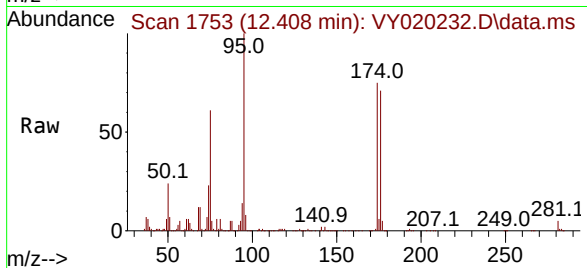
ClientSampleId :

Tgt Ion: 75 Resp: 99345

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 164.876 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.104 min

Lab File: VY020232.D

Acq: 08 Nov 2024 14:48

Tgt Ion: 75 Resp: 99345

Ion Ratio Lower Upper

75 100

53 0.8 66.8 100.2#

89 0.3 35.8 53.6#

