

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110424\
 Data File : VY020140.D
 Acq On : 04 Nov 2024 14:13
 Operator : SY/MD
 Sample : P4680-07
 Misc : 5.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 05 00:31:58 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)

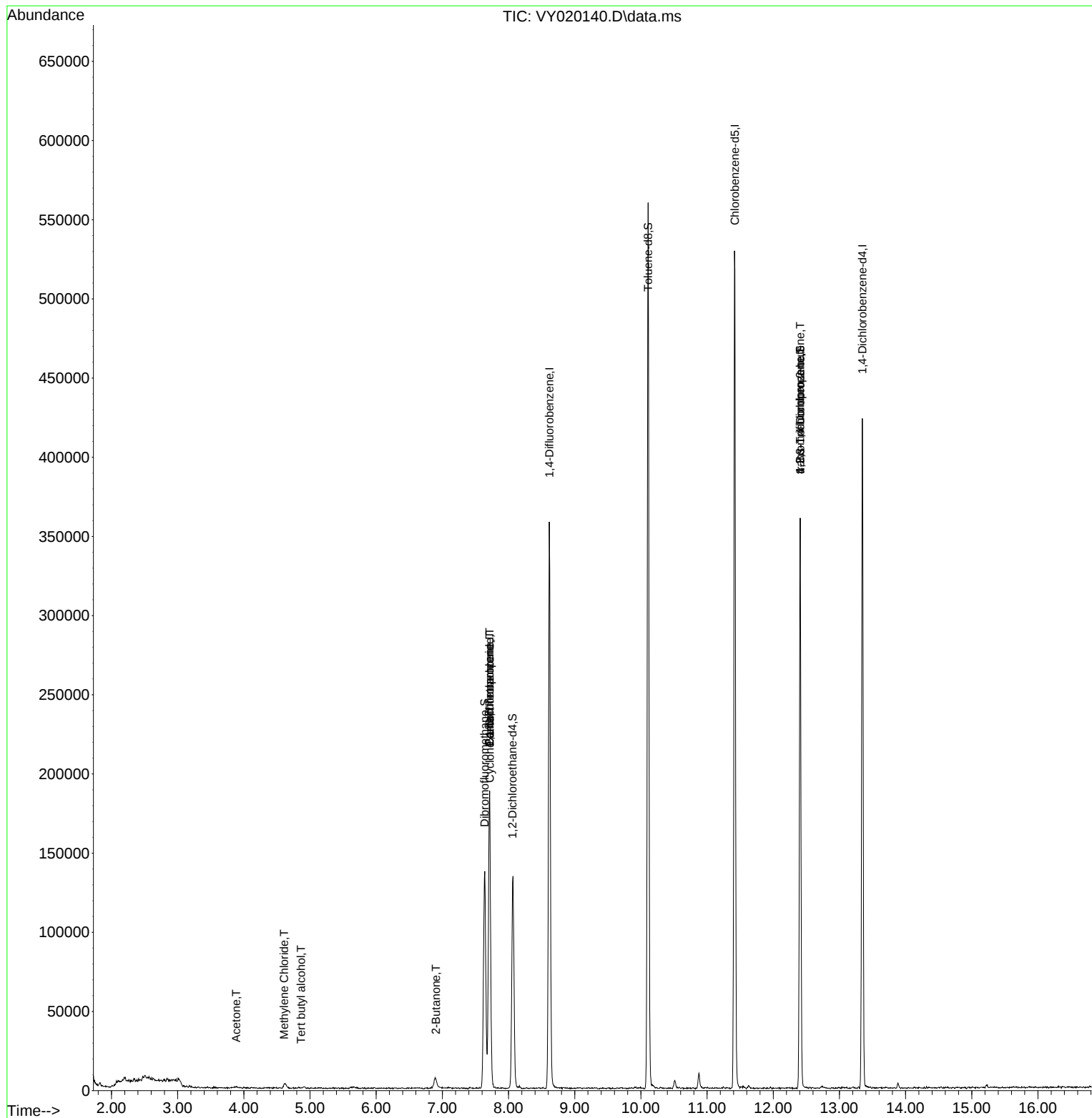
Internal Standards						
1) Pentafluorobenzene	7.713	168	128671	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	275199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	260221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	95216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	105371	65.615	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.220%	
35) Dibromofluoromethane	7.640	113	95972	54.851	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.700%	
50) Toluene-d8	10.109	98	343375	49.302	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.600%	
62) 4-Bromofluorobenzene	12.407	95	106494	47.075	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 94.160%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.866	59	180	1.558	ug/l	# 88
16) Acetone	3.885	43	1802	4.825	ug/l	# 66
20) Methylene Chloride	4.610	84	2028	1.209	ug/l	# 73
25) 2-Butanone	6.902	43	704	1.391	ug/l	# 41
31) Cyclohexane	7.719	56	4126	1.416	ug/l	# 45
36) 1,1-Dichloropropene	7.713	75	13308	4.924	ug/l	# 47
38) Carbon Tetrachloride	7.713	117	13869	5.103	ug/l	# 17
76) 1,2,3-Trichloropropane	12.407	75	61440	68.836	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.407	75	61440	148.065	ug/l	# 16

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

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Quant Title : SW846 8260
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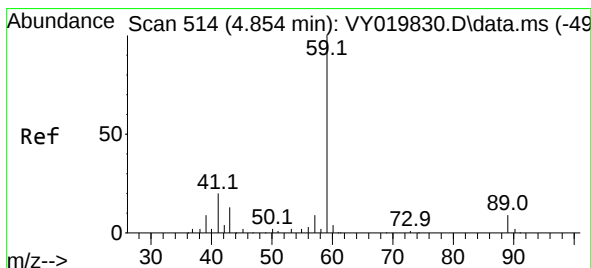
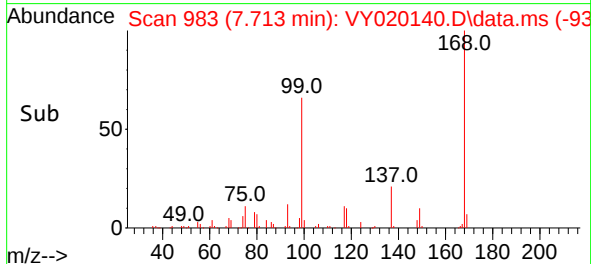
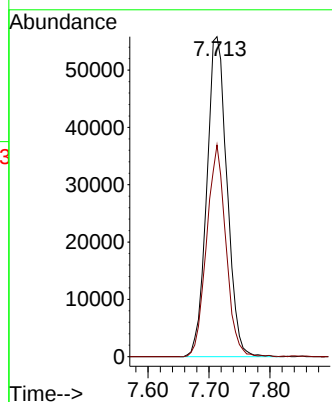
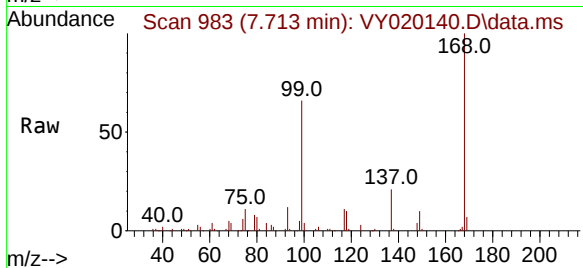




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020140.D
Acq: 04 Nov 2024 14:13

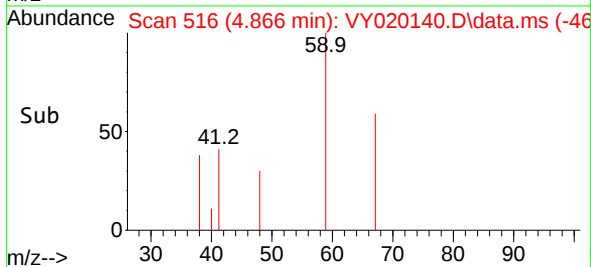
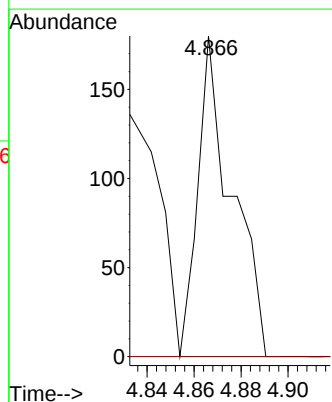
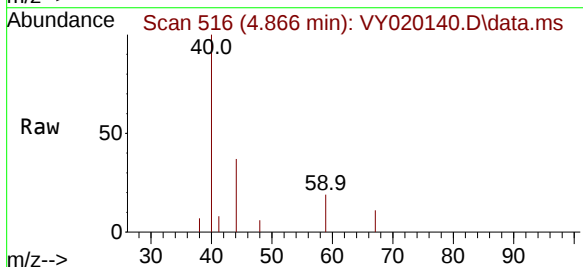
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 128671
Ion Ratio Lower Upper
168 100
99 66.2 39.1 58.7#



#11
Tert butyl alcohol
Concen: 1.558 ug/l
RT: 4.866 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY020140.D
Acq: 04 Nov 2024 14:13

Tgt Ion: 59 Resp: 180
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

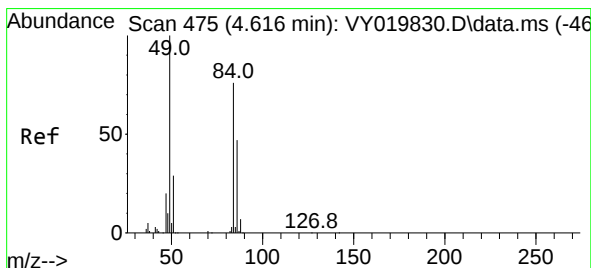
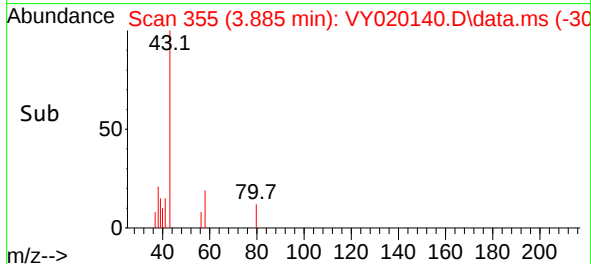
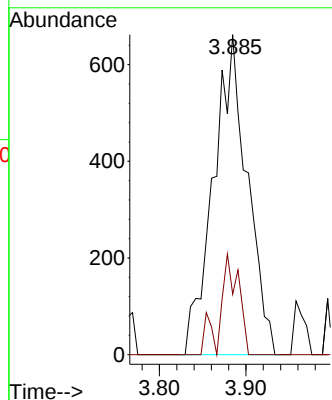
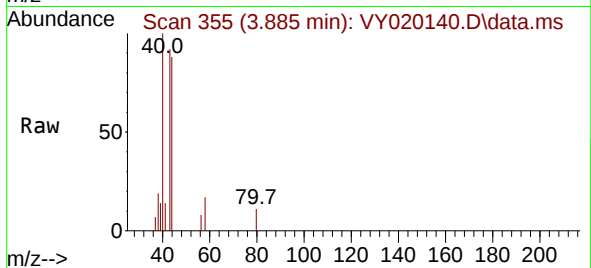




#16
Acetone
Concen: 4.825 ug/l
RT: 3.885 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY020140.D
Acq: 04 Nov 2024 14:13

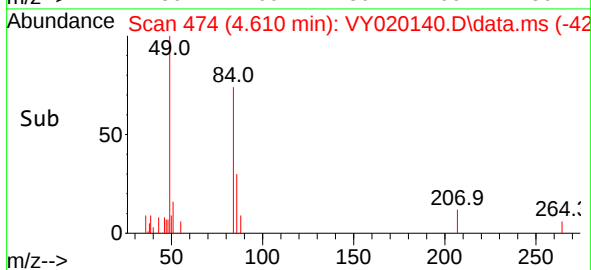
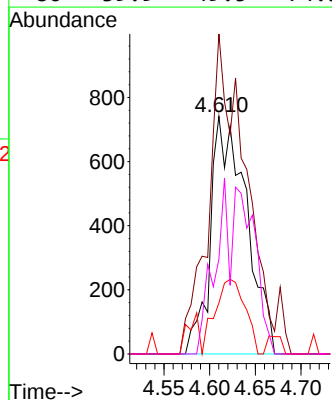
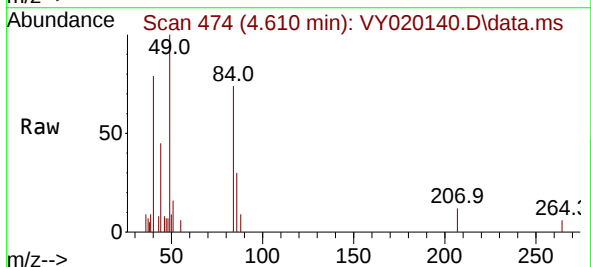
Instrument :
MSVOA_Y
ClientSampleId :

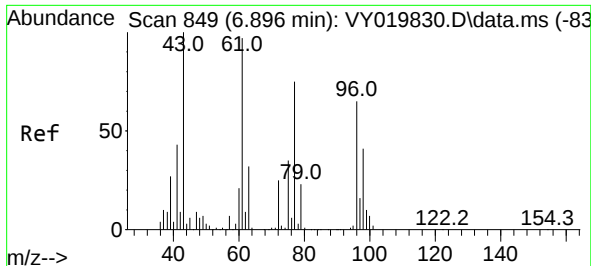
Tgt Ion: 43 Resp: 1802
Ion Ratio Lower Upper
43 100
58 18.9 31.7 47.5#



#20
Methylene Chloride
Concen: 1.209 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY020140.D
Acq: 04 Nov 2024 14:13

Tgt Ion: 84 Resp: 2028
Ion Ratio Lower Upper
84 100
49 134.7 84.4 126.6#
51 21.5 26.0 39.0#
86 39.9 49.5 74.3#





#25

2-Butanone

Concen: 1.391 ug/l

RT: 6.902 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY020140.D

Acq: 04 Nov 2024 14:13

Instrument :

MSVOA_Y

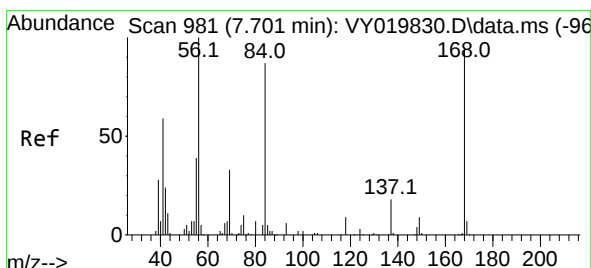
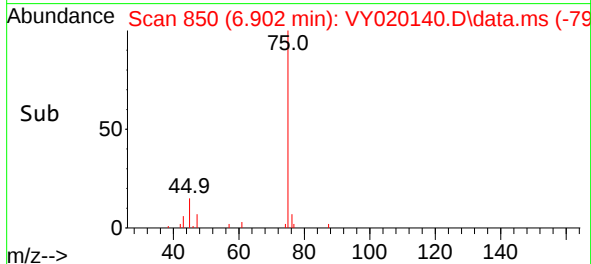
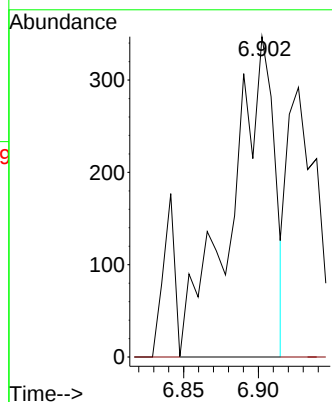
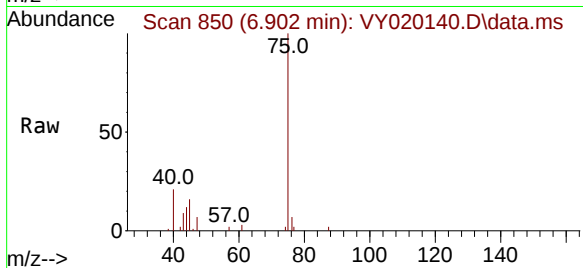
ClientSampleId :

Tgt Ion: 43 Resp: 704

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#31

Cyclohexane

Concen: 1.416 ug/l

RT: 7.719 min Scan# 984

Delta R.T. 0.018 min

Lab File: VY020140.D

Acq: 04 Nov 2024 14:13

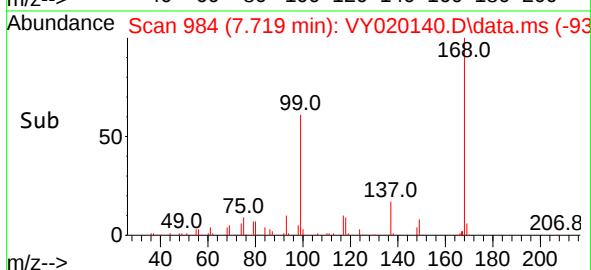
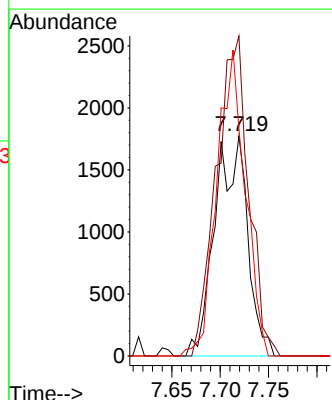
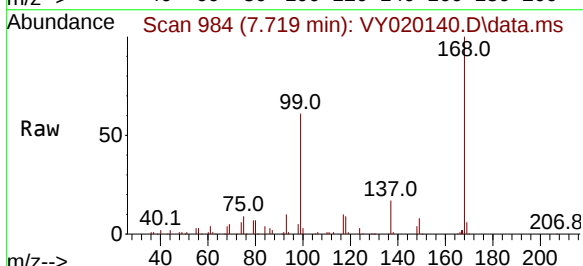
Tgt Ion: 56 Resp: 4126

Ion Ratio Lower Upper

56 100

69 145.7 28.7 43.1#

84 103.4 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 65.615 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020140.D

Acq: 04 Nov 2024 14:13

Instrument :

MSVOA_Y

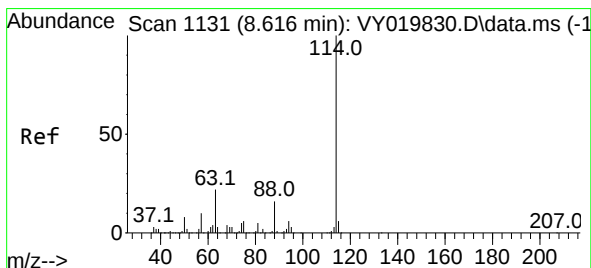
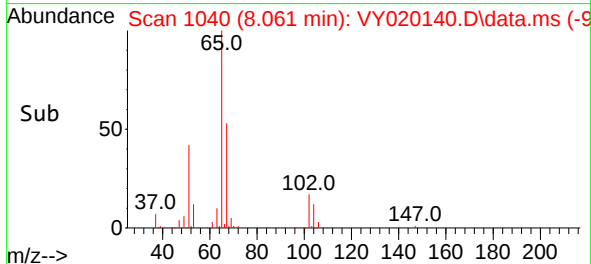
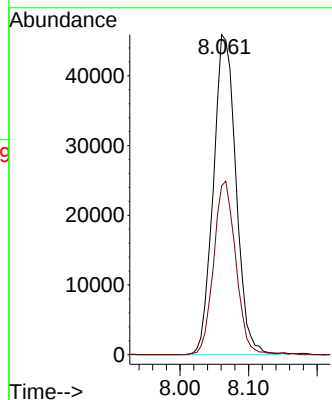
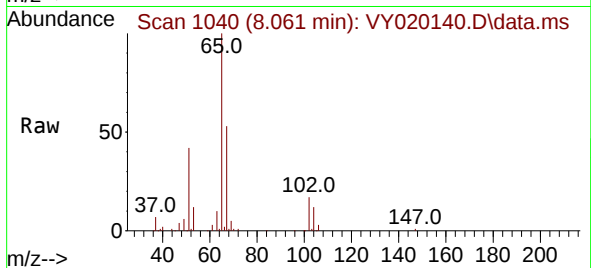
ClientSampleId :

Tgt Ion: 65 Resp: 105371

Ion Ratio Lower Upper

65 100

67 53.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020140.D

Acq: 04 Nov 2024 14:13

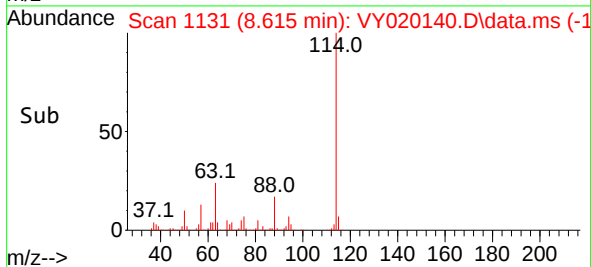
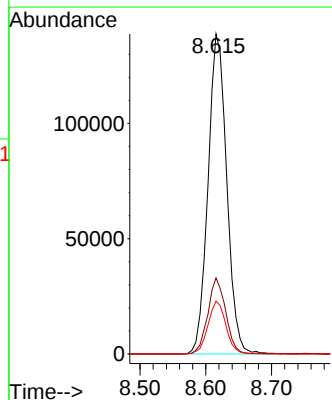
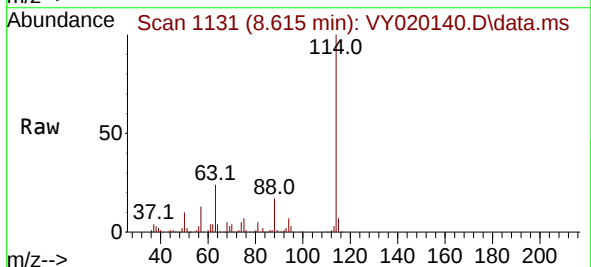
Tgt Ion: 114 Resp: 275199

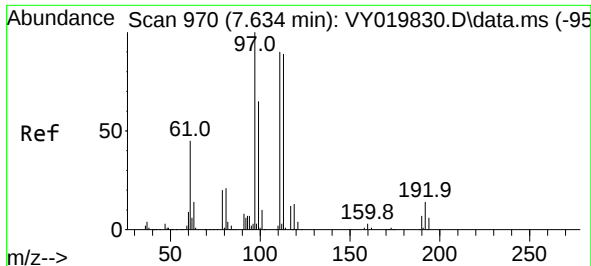
Ion Ratio Lower Upper

114 100

63 23.8 0.0 35.0

88 16.5 0.0 27.2

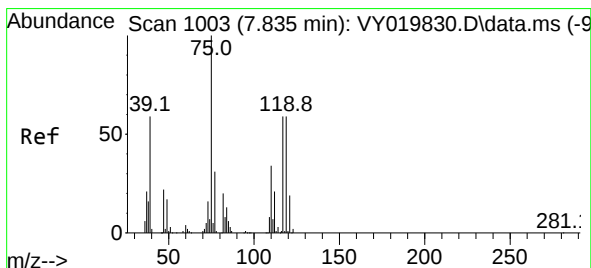
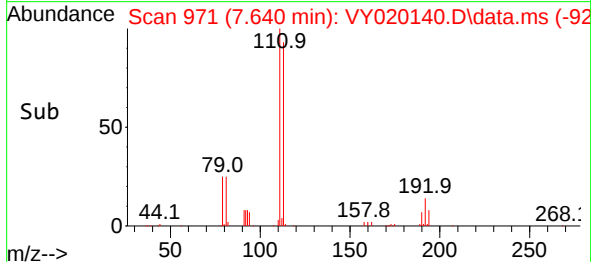
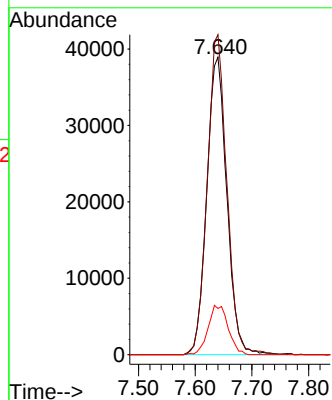
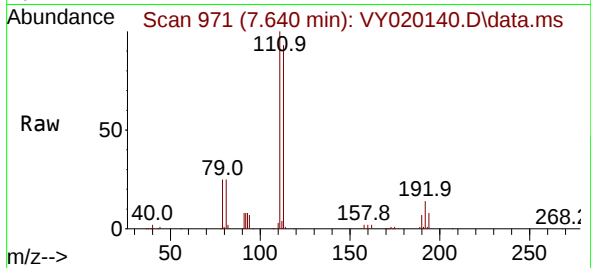




#35
Dibromofluoromethane
Concen: 54.851 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020140.D
Acq: 04 Nov 2024 14:13

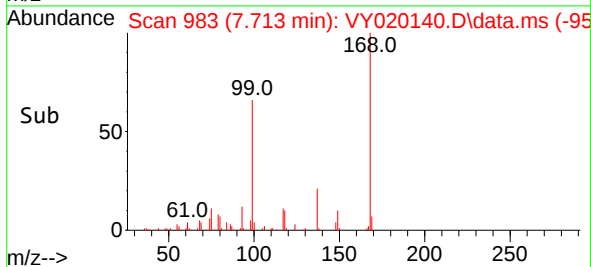
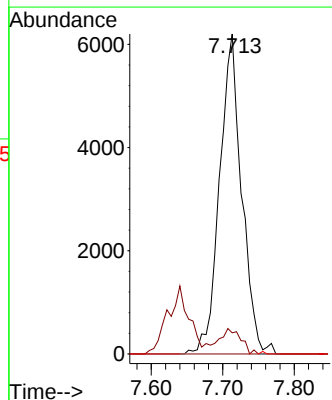
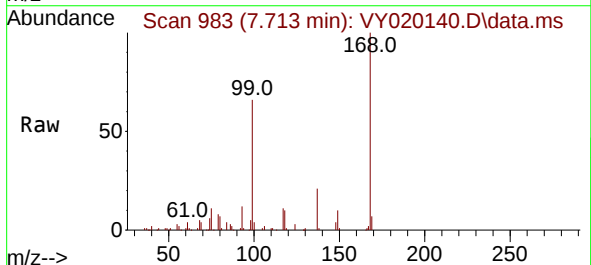
Instrument :
MSVOA_Y
ClientSampleId :

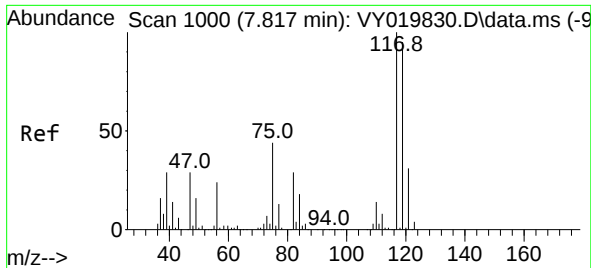
Tgt Ion:113 Resp: 95972
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.4
192 16.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.924 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY020140.D
Acq: 04 Nov 2024 14:13

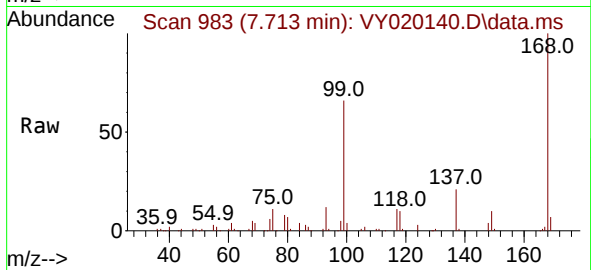
Tgt Ion: 75 Resp: 13308
Ion Ratio Lower Upper
75 100
110 7.5 19.0 57.0#
77 0.0 25.3 37.9#



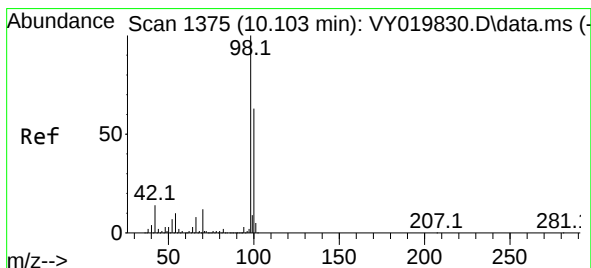
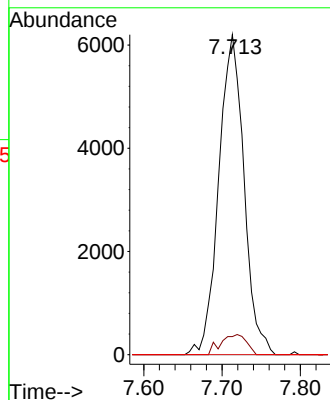
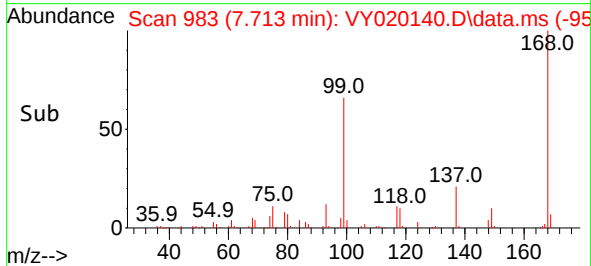


#38
Carbon Tetrachloride
Concen: 5.103 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY020140.D
Acq: 04 Nov 2024 14:13

Instrument :
MSVOA_Y
ClientSampleId :

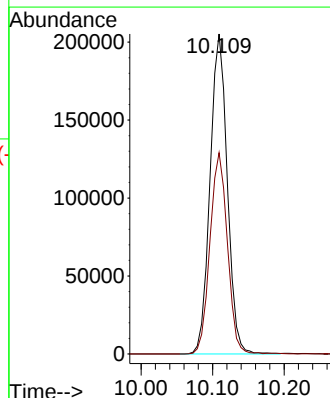
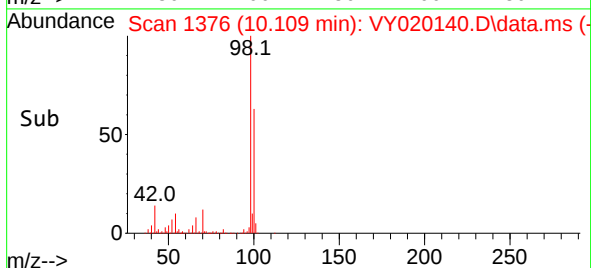
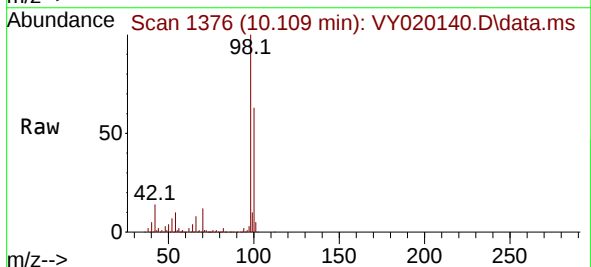


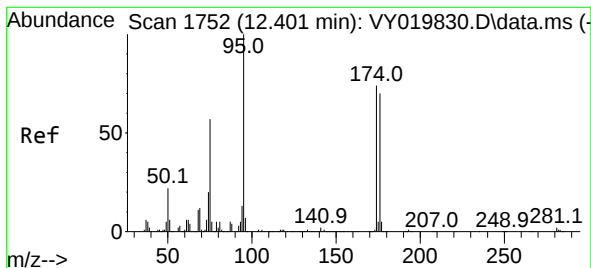
Tgt Ion:117 Resp: 13869
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.302 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020140.D
Acq: 04 Nov 2024 14:13

Tgt Ion: 98 Resp: 343375
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0

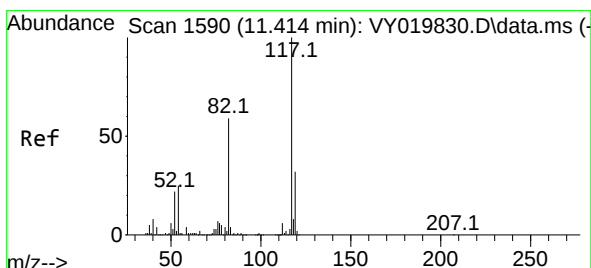
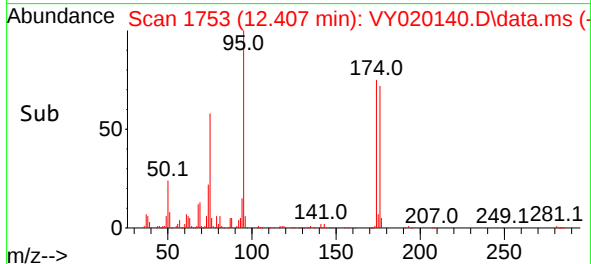
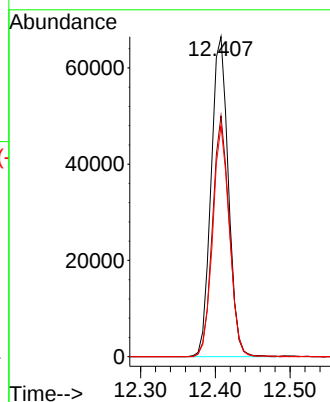
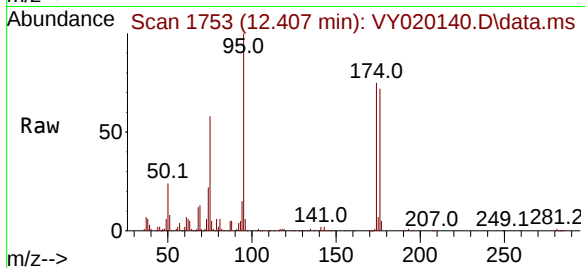




#62
4-Bromofluorobenzene
Concen: 47.075 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020140.D
Acq: 04 Nov 2024 14:13

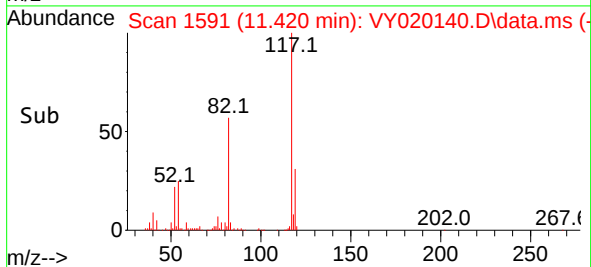
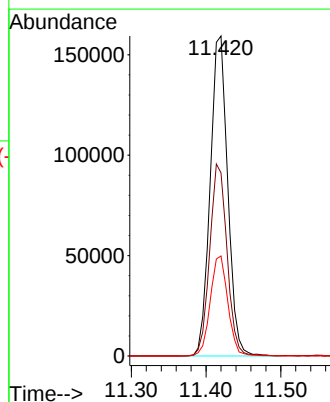
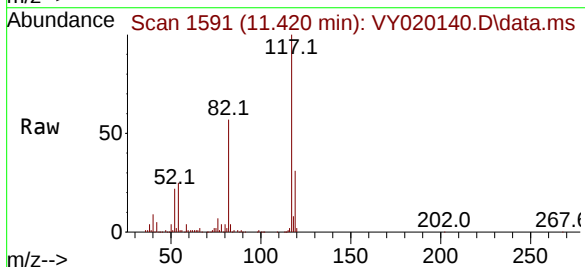
Instrument :
MSVOA_Y
ClientSampleId :

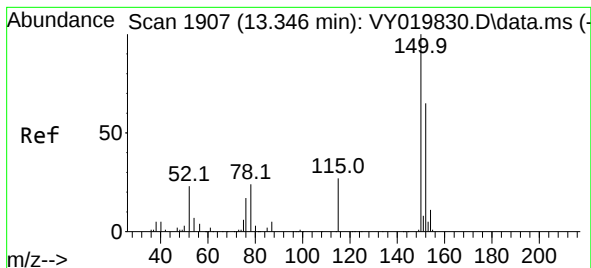
Tgt Ion: 95 Resp: 106494
Ion Ratio Lower Upper
95 100
174 73.3 0.0 175.6
176 69.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY020140.D
Acq: 04 Nov 2024 14:13

Tgt Ion: 117 Resp: 260221
Ion Ratio Lower Upper
117 100
82 57.2 42.4 63.6
119 31.3 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: VY020140.D

Acq: 04 Nov 2024 14:13

Instrument :

MSVOA_Y

ClientSampleId :

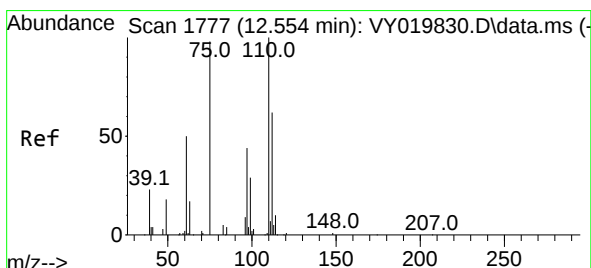
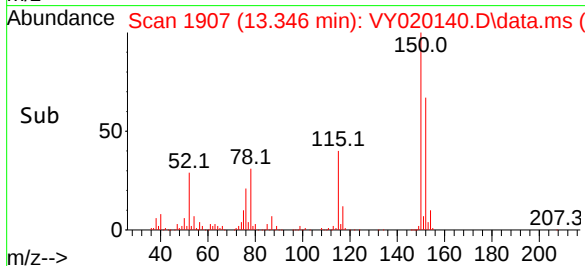
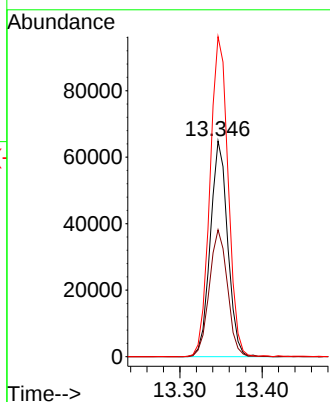
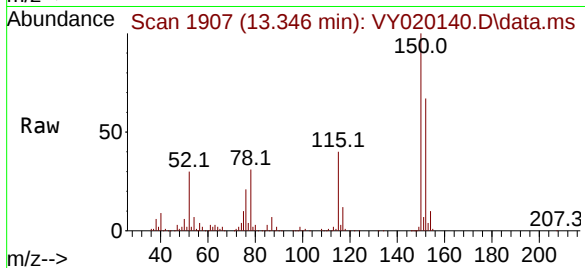
Tgt Ion:152 Resp: 95216

Ion Ratio Lower Upper

152 100

115 61.2 28.2 84.7

150 155.1 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 68.836 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY020140.D

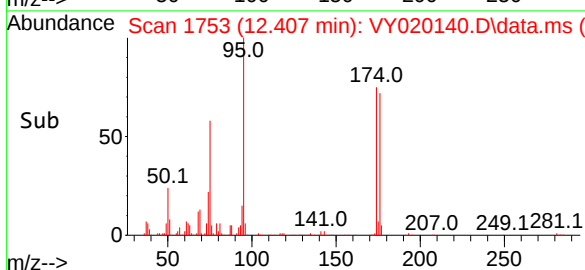
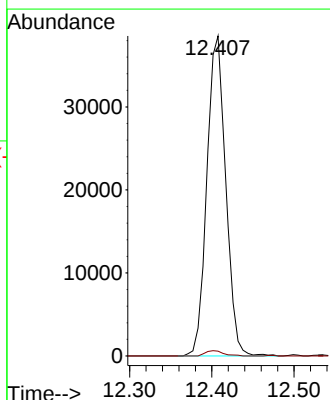
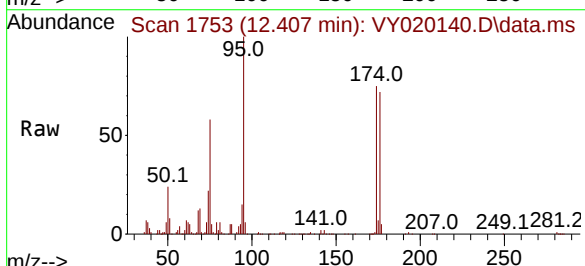
Acq: 04 Nov 2024 14:13

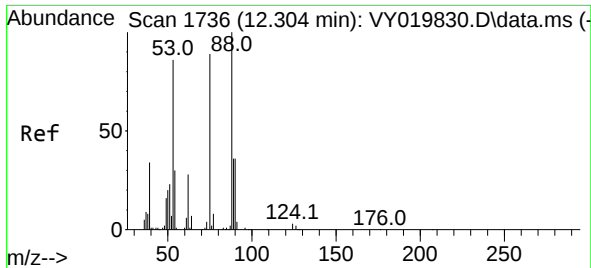
Tgt Ion: 75 Resp: 61440

Ion Ratio Lower Upper

75 100

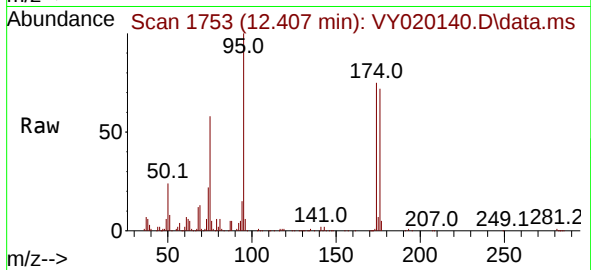
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 148.065 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020140.D
 Acq: 04 Nov 2024 14:13

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 61440
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

