

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110424\
 Data File : VY020142.D
 Acq On : 04 Nov 2024 15:00
 Operator : SY/MD
 Sample : P4675-02
 Misc : 4.28g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 05 00:32:50 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)

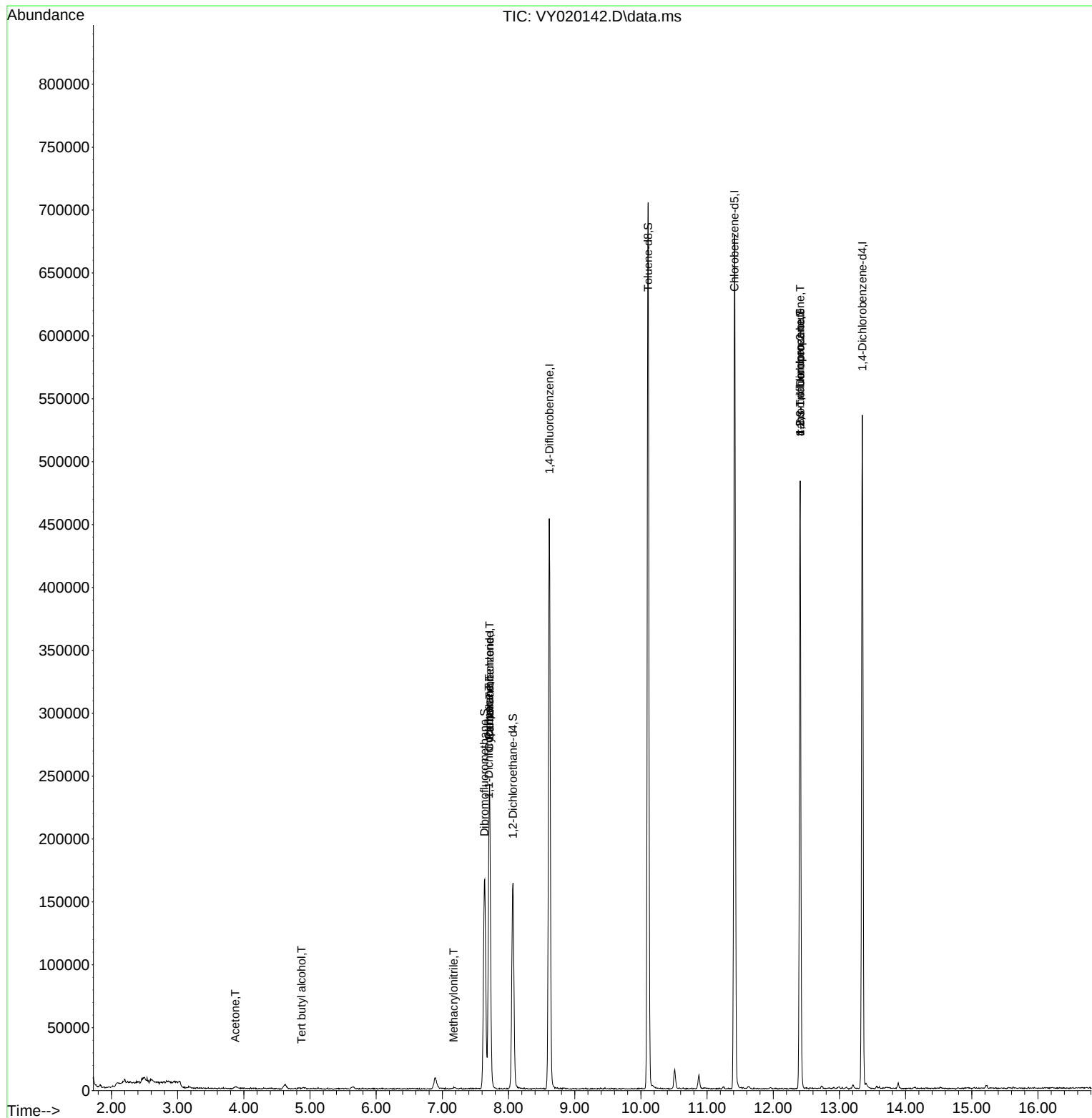
Internal Standards						
1) Pentafluorobenzene	7.713	168	168297	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	352625	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	333602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	121411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	125586	59.790	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.580%	
35) Dibromofluoromethane	7.634	113	117237	52.292	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.580%	
50) Toluene-d8	10.109	98	440365	49.345	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.700%	
62) 4-Bromofluorobenzene	12.408	95	138260	47.698	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 95.400%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.872	59	310	2.052	ug/l	# 88
16) Acetone	3.873	43	2930	5.998	ug/l	# 81
31) Cyclohexane	7.707	56	5051	1.325	ug/l	# 54
36) 1,1-Dichloropropene	7.701	75	16830	4.859	ug/l	# 40
38) Carbon Tetrachloride	7.713	117	18365	5.273	ug/l	# 16
41) Methacrylonitrile	7.171	41	936	1.132	ug/l	# 31
76) 1,2,3-Trichloropropane	12.408	75	81357	71.485	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	81357	153.761	ug/l	# 16

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

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Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

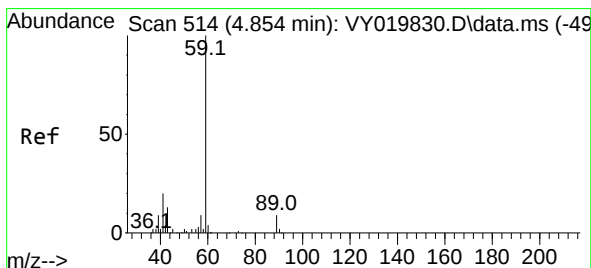
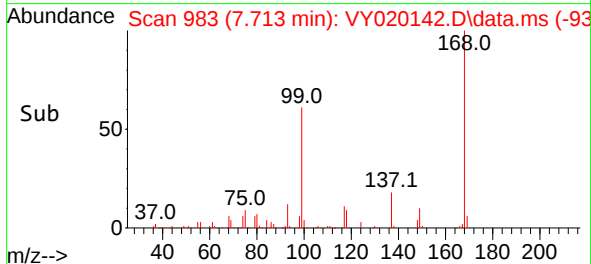
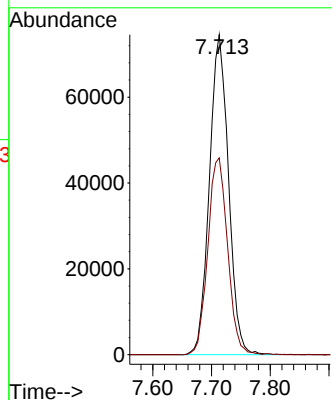
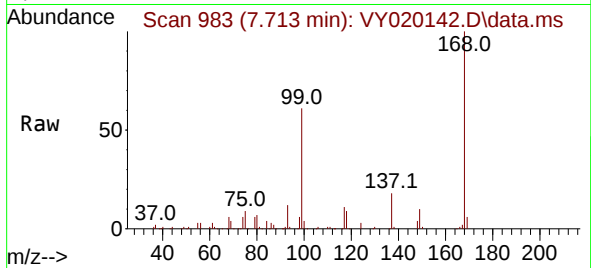




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020142.D
Acq: 04 Nov 2024 15:00

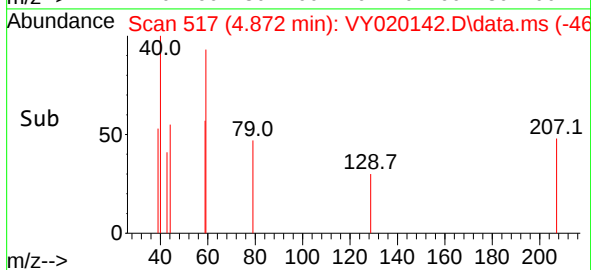
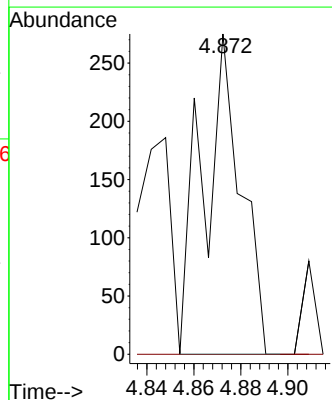
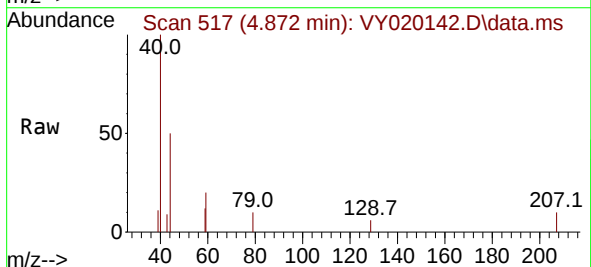
Instrument :
MSVOA_Y
ClientSampleId :

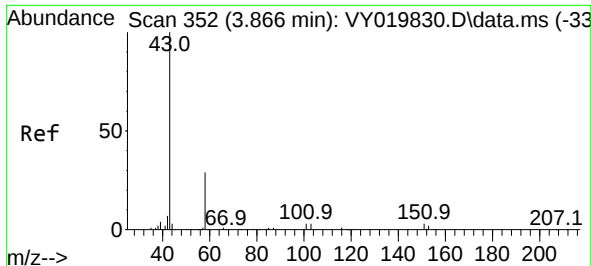
Tgt Ion:168 Resp: 168297
Ion Ratio Lower Upper
168 100
99 61.5 39.1 58.7#



#11
Tert butyl alcohol
Concen: 2.052 ug/l
RT: 4.872 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY020142.D
Acq: 04 Nov 2024 15:00

Tgt Ion: 59 Resp: 310
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

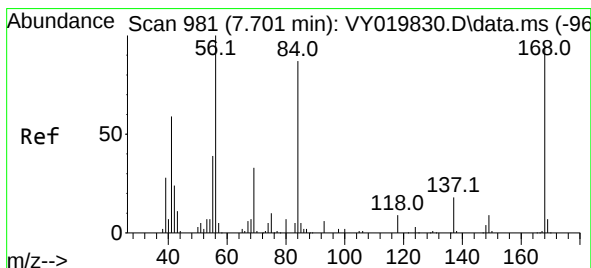
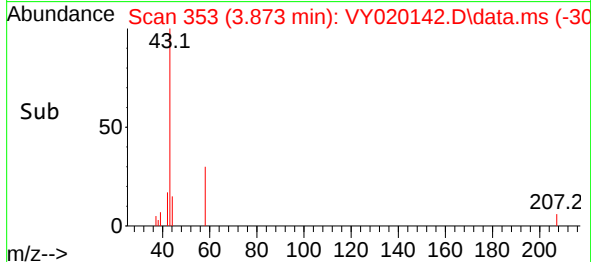
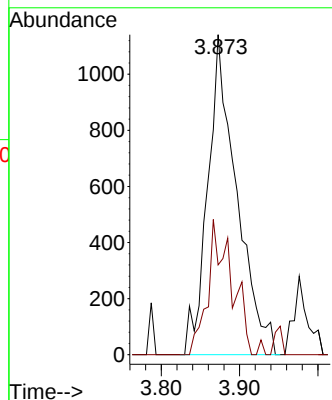
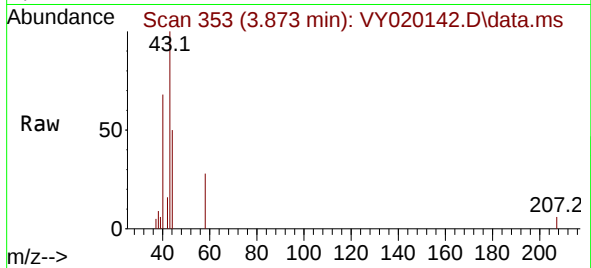




#16
Acetone
Concen: 5.998 ug/l
RT: 3.873 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY020142.D
Acq: 04 Nov 2024 15:00

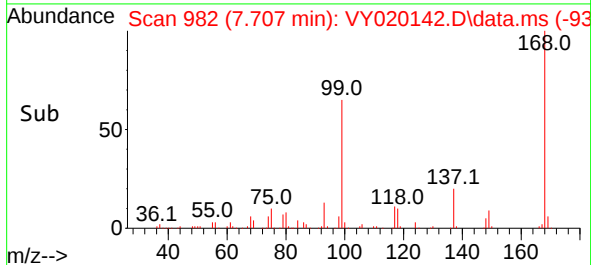
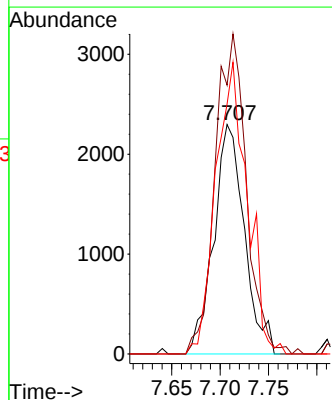
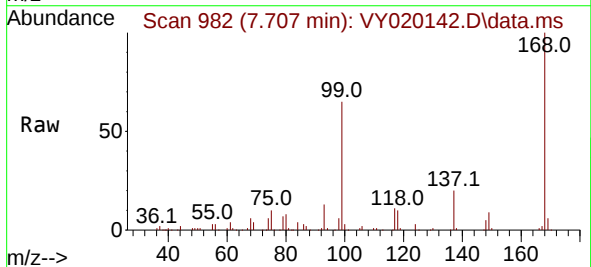
Instrument :
MSVOA_Y
ClientSampleId :

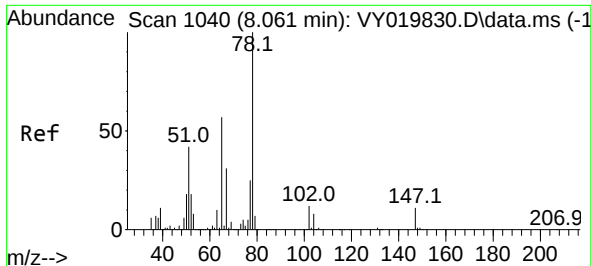
Tgt Ion: 43 Resp: 2930
Ion Ratio Lower Upper
43 100
58 28.0 31.7 47.5#



#31
Cyclohexane
Concen: 1.325 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY020142.D
Acq: 04 Nov 2024 15:00

Tgt Ion: 56 Resp: 5051
Ion Ratio Lower Upper
56 100
69 117.1 28.7 43.1#
84 108.9 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 59.790 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY020142.D

Acq: 04 Nov 2024 15:00

Instrument :

MSVOA_Y

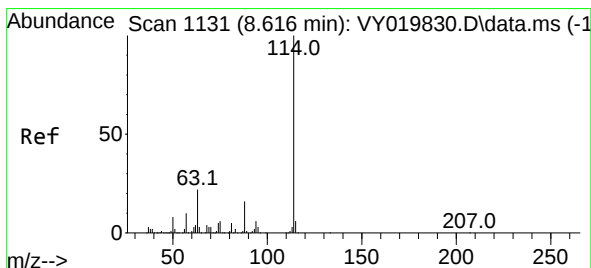
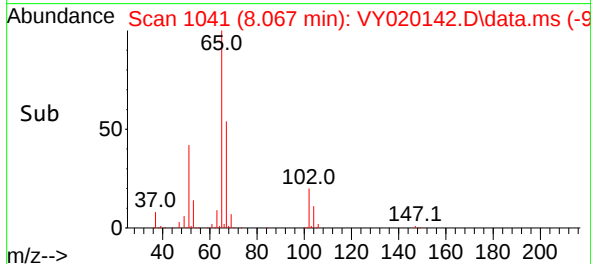
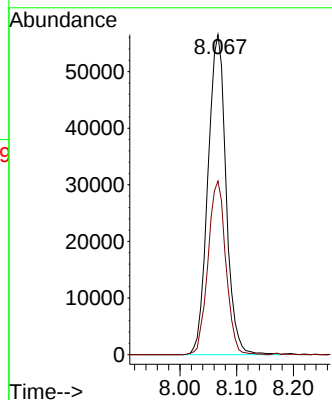
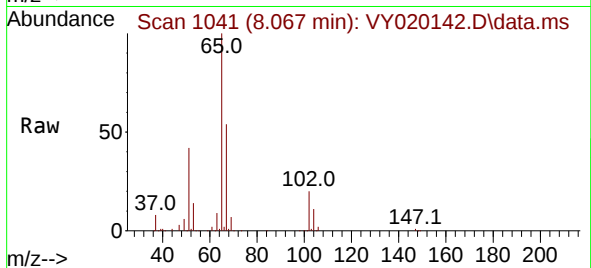
ClientSampleId :

Tgt Ion: 65 Resp: 125586

Ion Ratio Lower Upper

65 100

67 53.4 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: VY020142.D

Acq: 04 Nov 2024 15:00

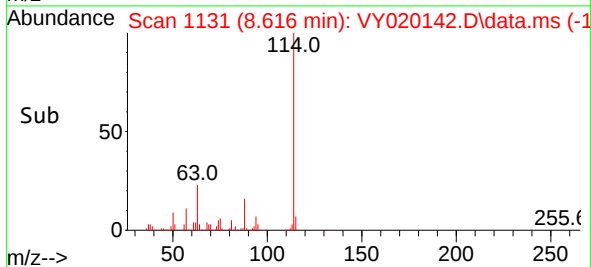
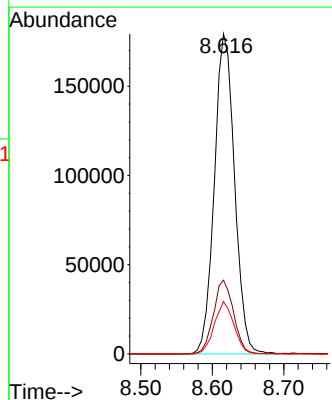
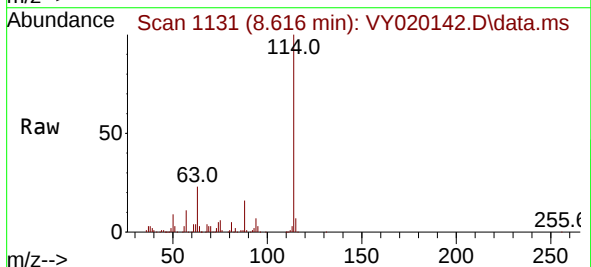
Tgt Ion:114 Resp: 352625

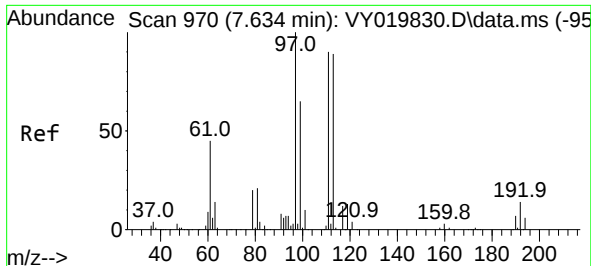
Ion Ratio Lower Upper

114 100

63 23.0 0.0 35.0

88 16.4 0.0 27.2





#35

Dibromofluoromethane

Concen: 52.292 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

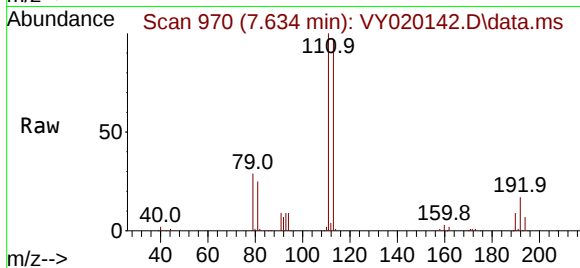
Lab File: VY020142.D

Acq: 04 Nov 2024 15:00

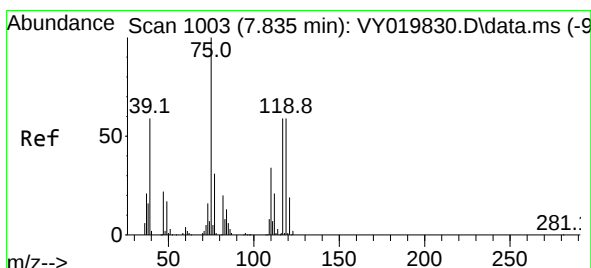
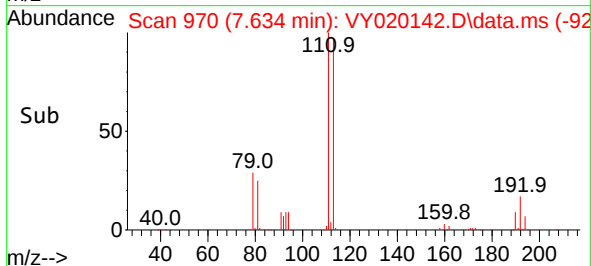
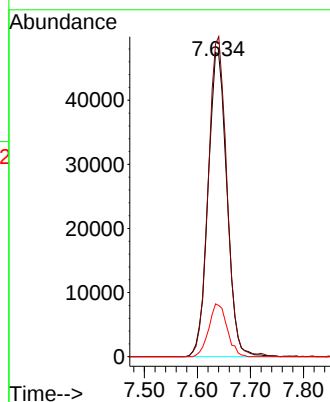
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	113	Resp:	117237
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.2	123.4
192	16.8	15.9	23.9



#36

1,1-Dichloropropene

Concen: 4.859 ug/l

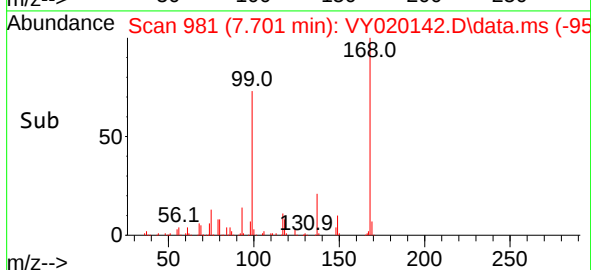
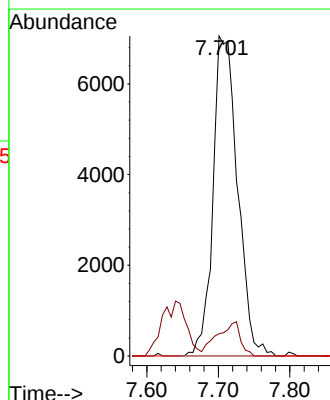
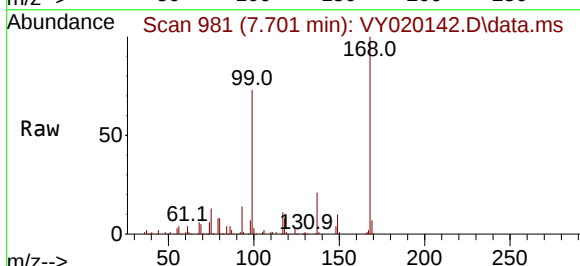
RT: 7.701 min Scan# 981

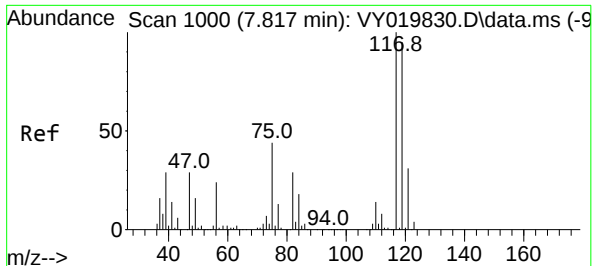
Delta R.T. -0.134 min

Lab File: VY020142.D

Acq: 04 Nov 2024 15:00

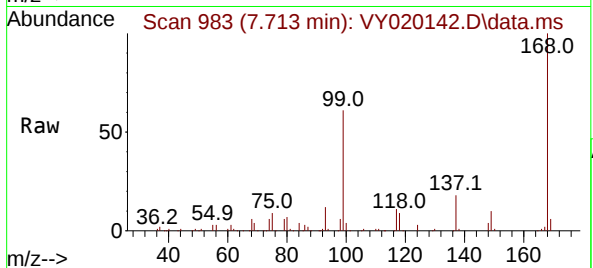
Tgt Ion:	75	Resp:	16830
Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.0	57.0#
77	0.0	25.3	37.9#



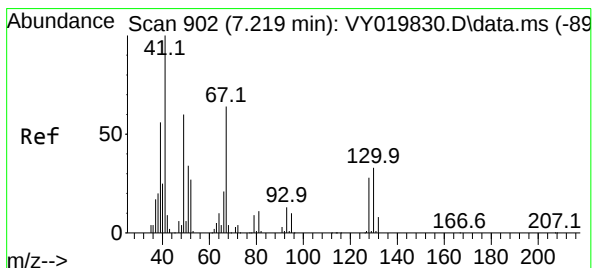
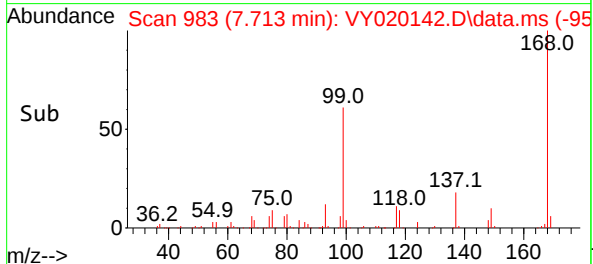
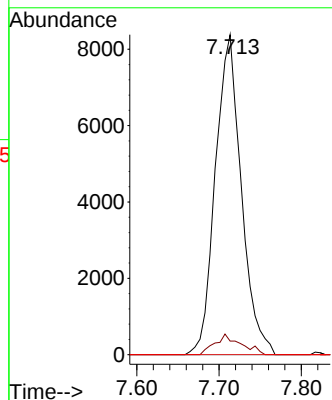


#38
Carbon Tetrachloride
Concen: 5.273 ug/l
RT: 7.713 min Scan# 911
Delta R.T. -0.103 min
Lab File: VY020142.D
Acq: 04 Nov 2024 15:00

Instrument :
MSVOA_Y
ClientSampleId :

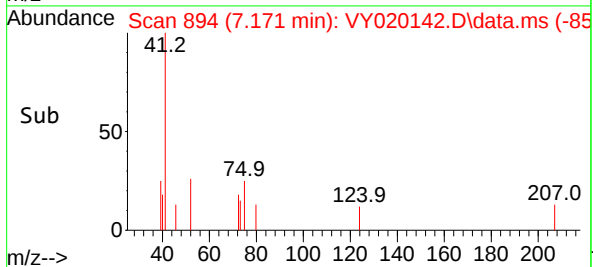
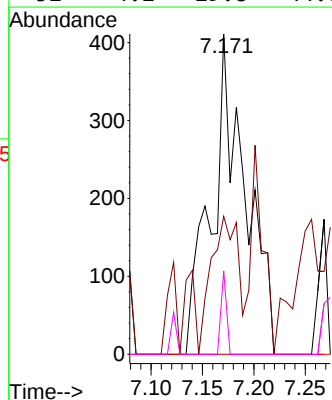
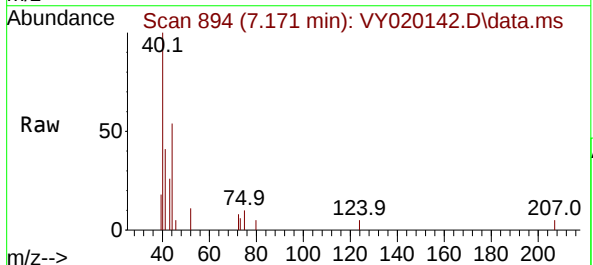


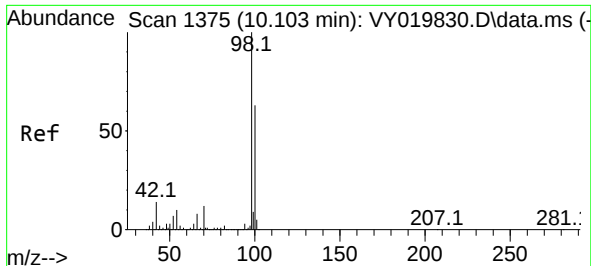
Tgt Ion:117 Resp: 18365
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.6#
121 0.0 24.0 36.0#



#41
Methacrylonitrile
Concen: 1.132 ug/l
RT: 7.171 min Scan# 894
Delta R.T. -0.048 min
Lab File: VY020142.D
Acq: 04 Nov 2024 15:00

Tgt Ion: 41 Resp: 936
Ion Ratio Lower Upper
41 100
39 34.1 48.0 72.0#
67 0.0 75.1 112.7#
52 4.2 29.8 44.6#

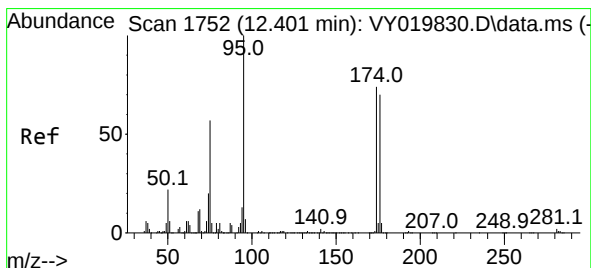
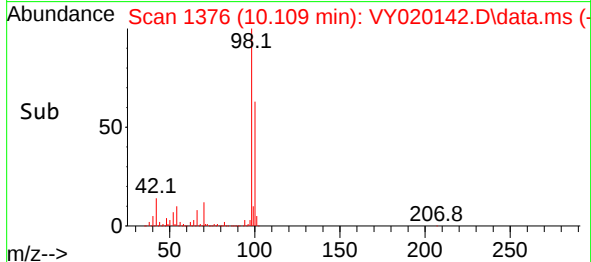
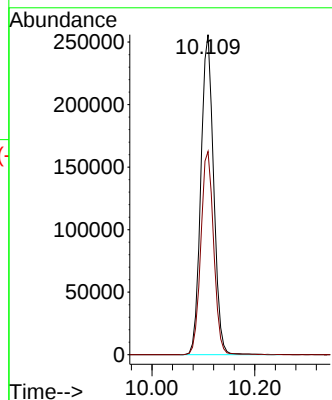
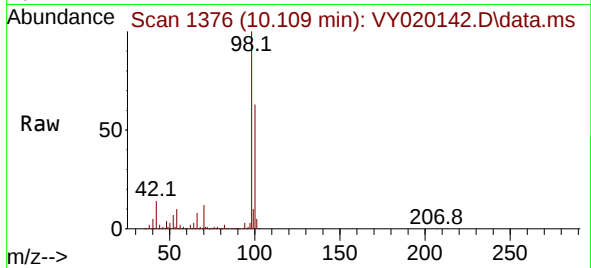




#50
Toluene-d8
Concen: 49.345 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020142.D
Acq: 04 Nov 2024 15:00

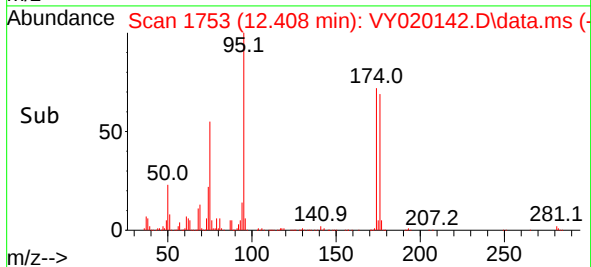
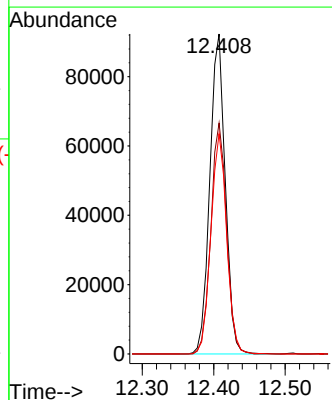
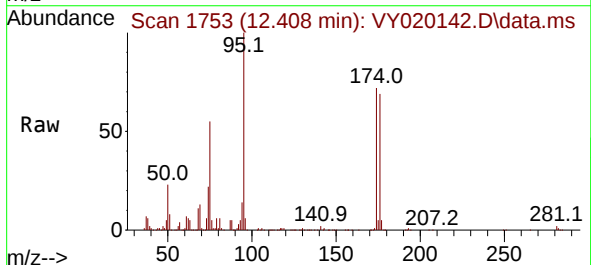
Instrument :
MSVOA_Y
ClientSampleId :

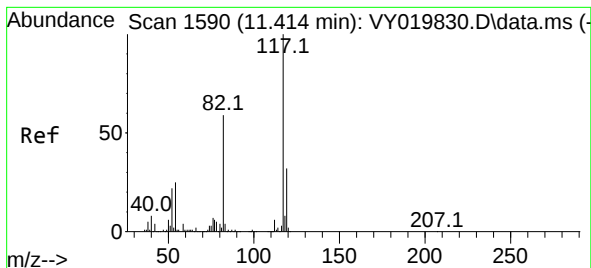
Tgt Ion: 98 Resp: 440365
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.698 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020142.D
Acq: 04 Nov 2024 15:00

Tgt Ion: 95 Resp: 138260
Ion Ratio Lower Upper
95 100
174 73.6 0.0 175.6
176 70.3 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: VY020142.D

Acq: 04 Nov 2024 15:00

Instrument :

MSVOA_Y

ClientSampleId :

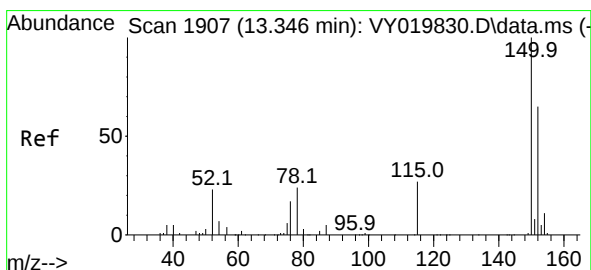
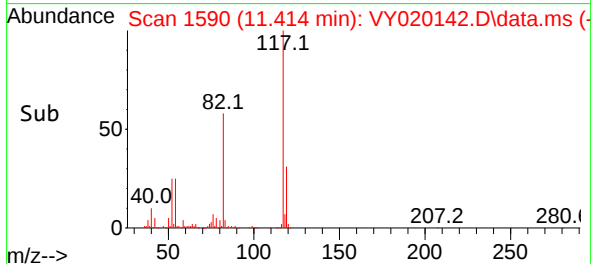
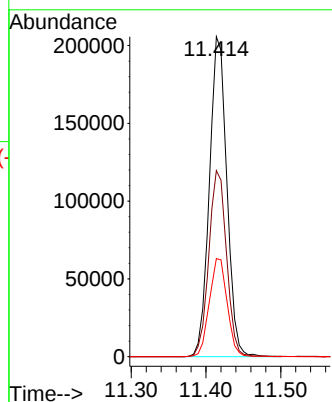
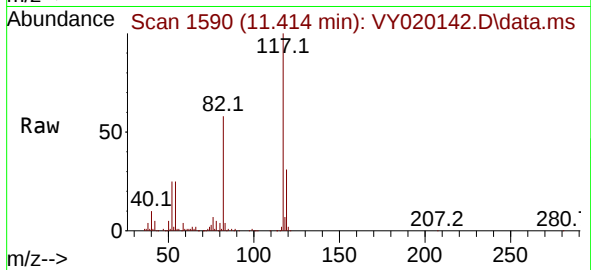
Tgt Ion:117 Resp: 333602

Ion Ratio Lower Upper

117 100

82 58.2 42.4 63.6

119 30.7 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: VY020142.D

Acq: 04 Nov 2024 15:00

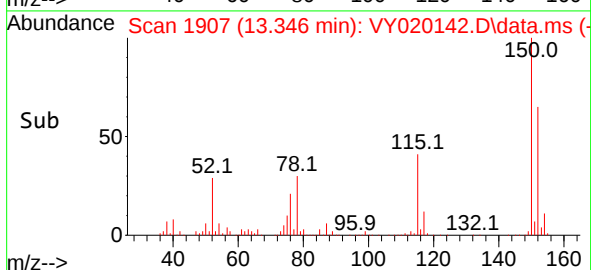
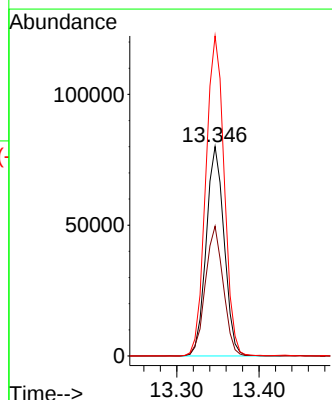
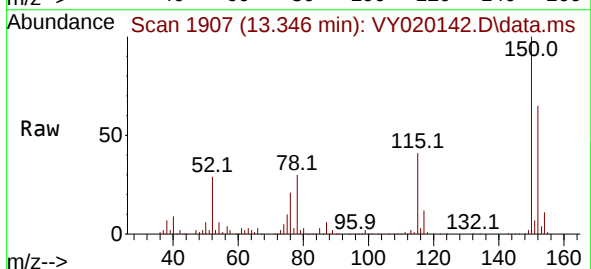
Tgt Ion:152 Resp: 121411

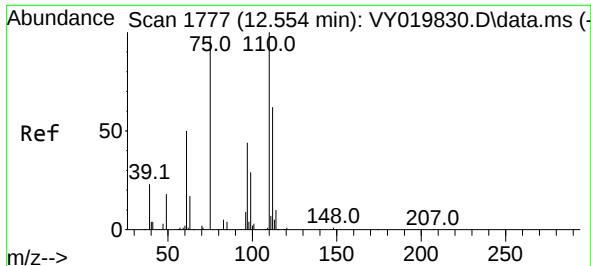
Ion Ratio Lower Upper

152 100

115 62.0 28.2 84.7

150 156.9 0.0 345.6

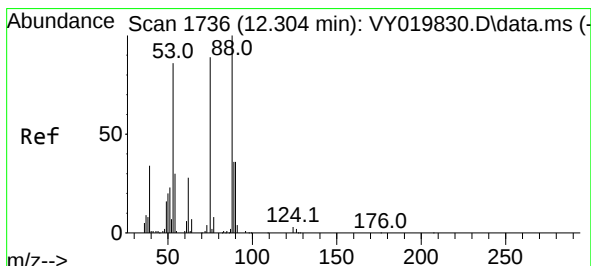
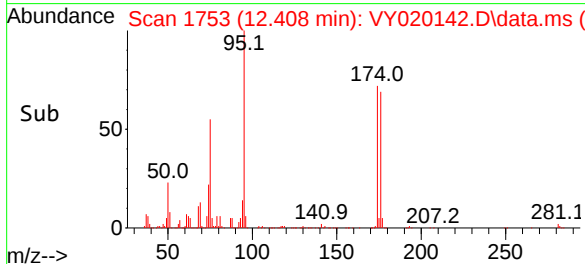
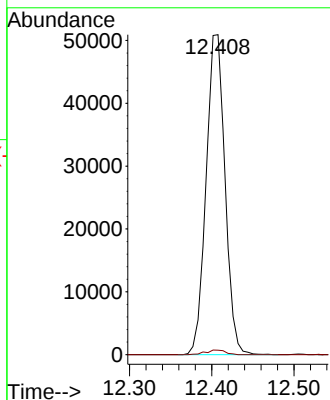
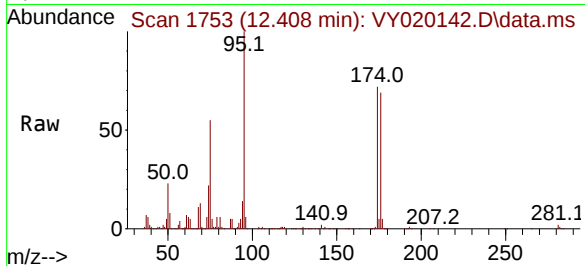




#76
1,2,3-Trichloropropane
Concen: 71.485 ug/l
RT: 12.408 min Scan# 1777
Delta R.T. -0.152 min
Lab File: VY020142.D
Acq: 04 Nov 2024 15:00

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 81357
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 153.761 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020142.D
Acq: 04 Nov 2024 15:00

Tgt Ion: 75 Resp: 81357
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.3 35.8 53.6#

