

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
 Data File : VY020259.D
 Acq On : 11 Nov 2024 19:30
 Operator : SY/MD
 Sample : P4809-03
 Misc : 4.34g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 12 03:16:03 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)

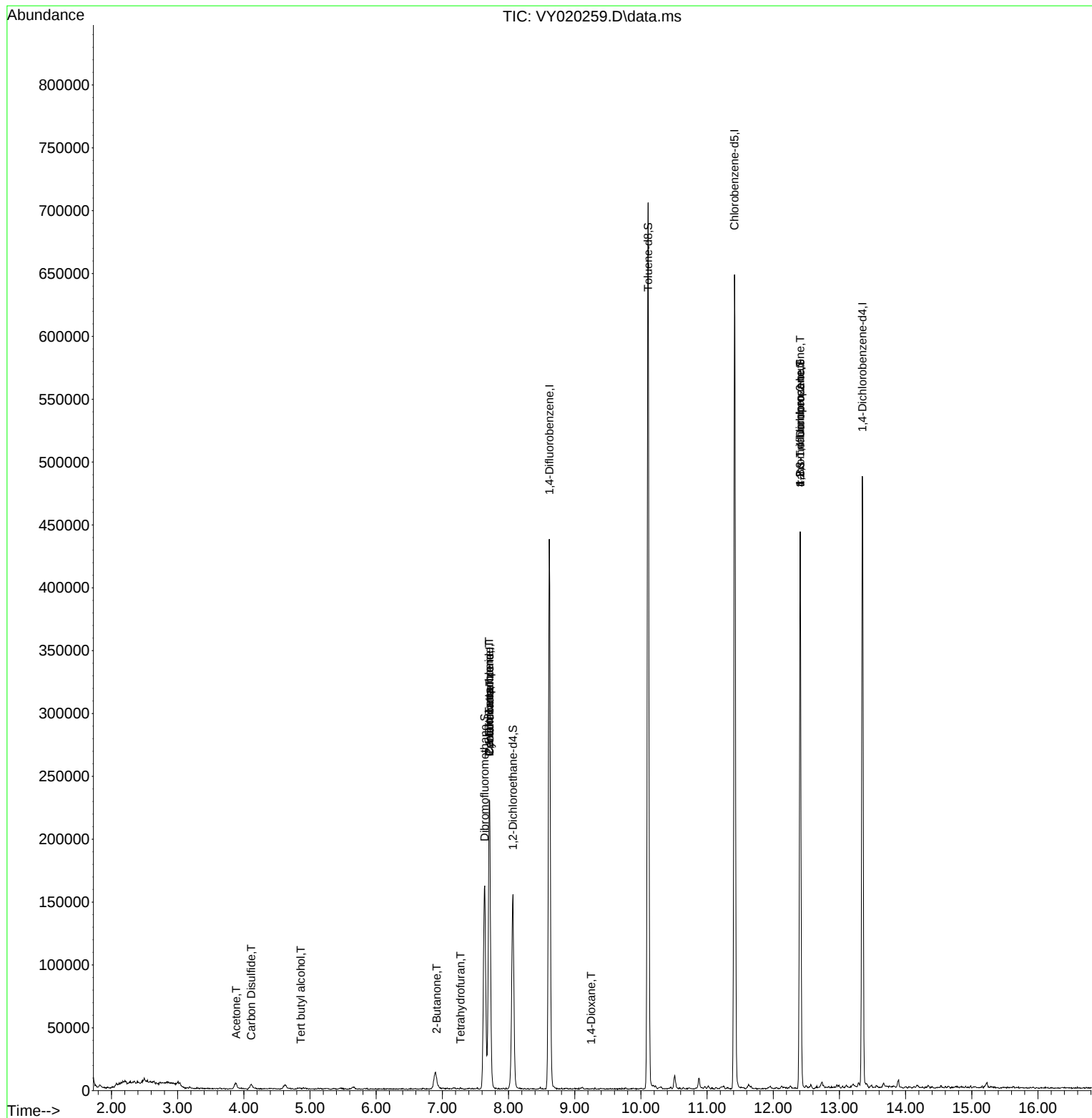
Internal Standards						
1) Pentafluorobenzene	7.713	168	158212	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	340798	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	314106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	109744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	115754	58.622	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.240%	
35) Dibromofluoromethane	7.640	113	113202	52.244	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.480%	
50) Toluene-d8	10.109	98	427823	49.604	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.200%	
62) 4-Bromofluorobenzene	12.408	95	127328	45.451	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 90.900%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	438	3.084	ug/l	# 88
16) Acetone	3.885	43	7852	17.099	ug/l	91
17) Carbon Disulfide	4.110	76	6563	1.155	ug/l	# 91
25) 2-Butanone	6.915	43	3029	4.866	ug/l	# 66
29) Tetrahydrofuran	7.274	42	415	1.155	ug/l	# 44
31) Cyclohexane	7.713	56	4764	1.329	ug/l	# 1
36) 1,1-Dichloropropene	7.707	75	16379	4.893	ug/l	# 47
38) Carbon Tetrachloride	7.707	117	18403	5.468	ug/l	# 18
49) 1,4-Dioxane	9.250	88	68	5.215	ug/l	# 20
76) 1,2,3-Trichloropropane	12.408	75	75308	73.204	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	75308	157.460	ug/l	# 16

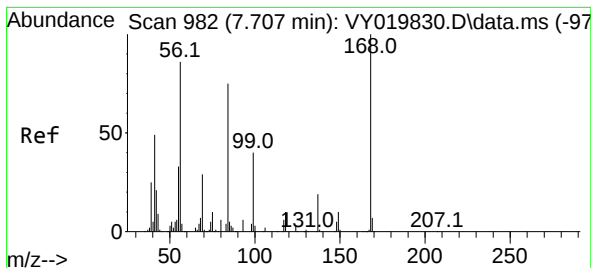
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
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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: VY020259.D

Acq: 11 Nov 2024 19:30

Instrument :

MSVOA_Y

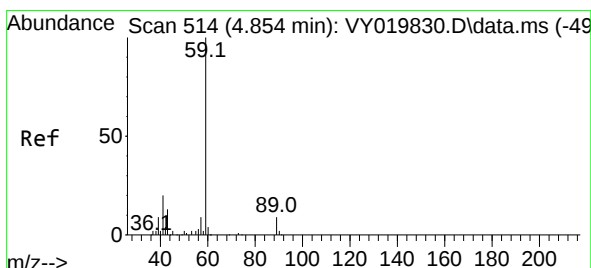
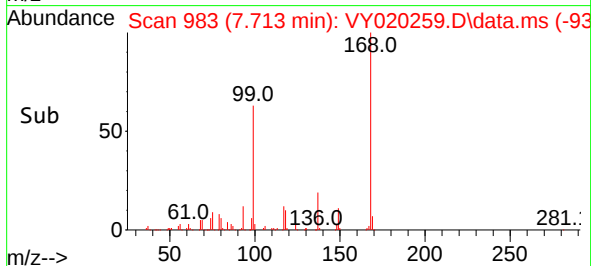
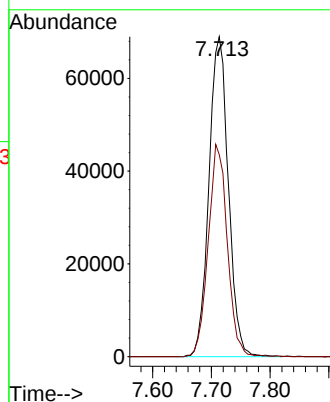
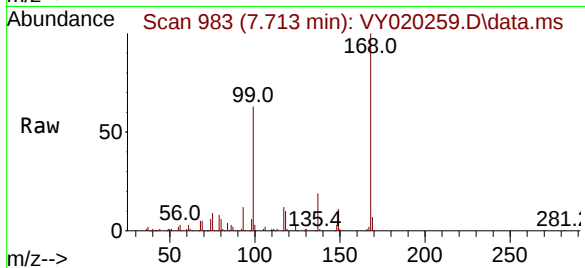
ClientSampleId :

Tgt Ion:168 Resp: 158212

Ion Ratio Lower Upper

168 100

99 63.2 39.1 58.7#



#11

Tert butyl alcohol

Concen: 3.084 ug/l

RT: 4.860 min Scan# 515

Delta R.T. 0.000 min

Lab File: VY020259.D

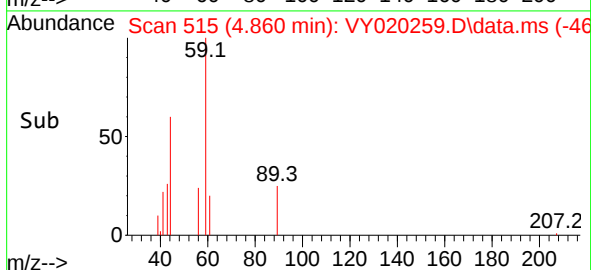
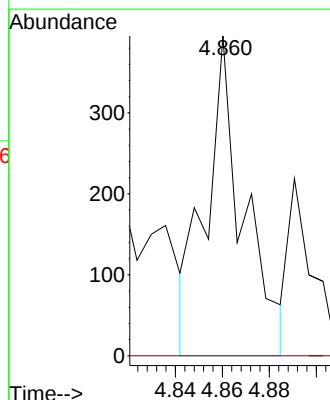
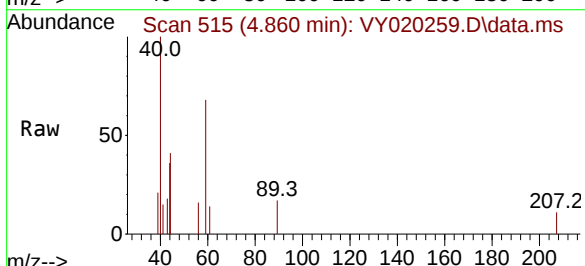
Acq: 11 Nov 2024 19:30

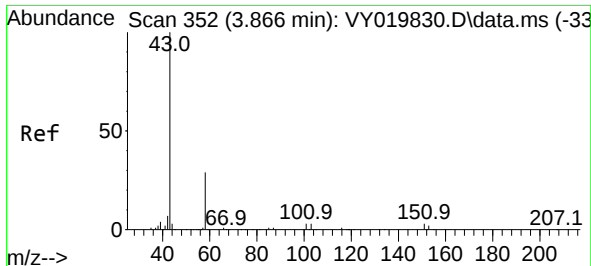
Tgt Ion: 59 Resp: 438

Ion Ratio Lower Upper

59 100

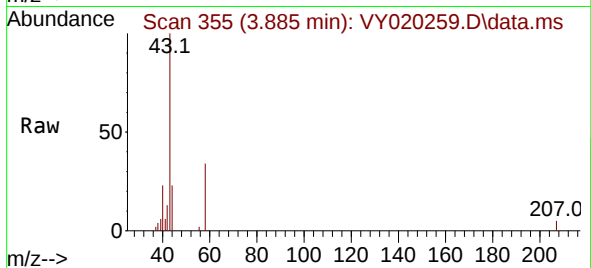
57 0.0 3.0 4.6#



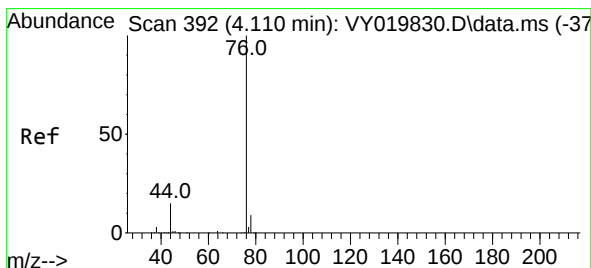
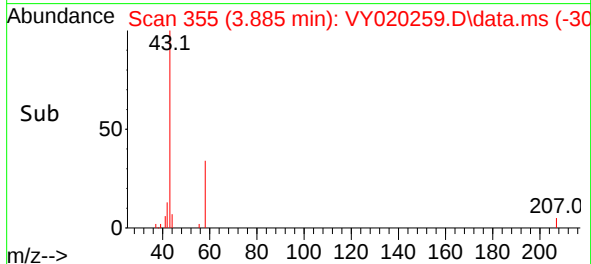
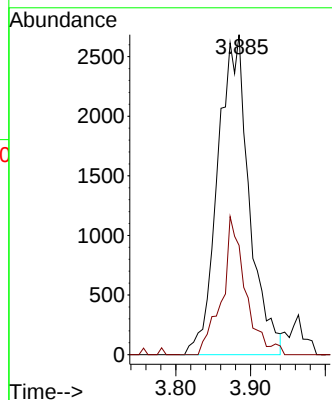


#16
Acetone
Concen: 17.099 ug/l
RT: 3.885 min Scan# 31
Delta R.T. 0.013 min
Lab File: VY020259.D
Acq: 11 Nov 2024 19:30

Instrument :
MSVOA_Y
ClientSampleId :

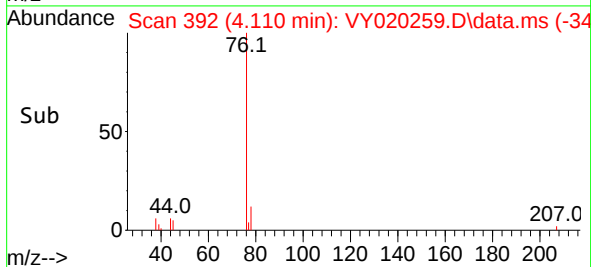
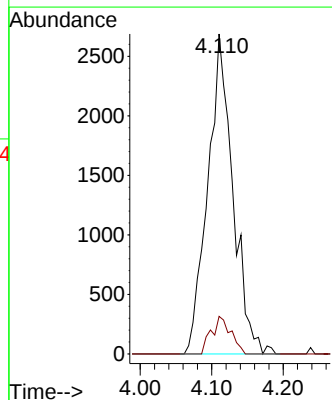
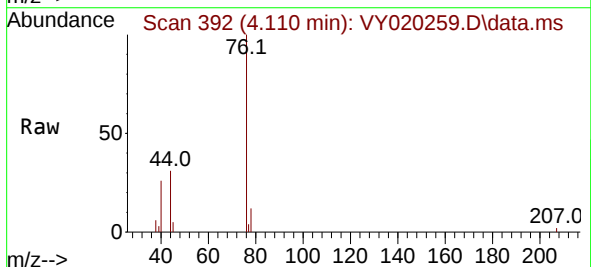


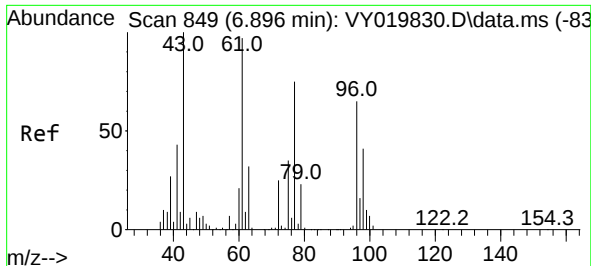
Tgt Ion: 43 Resp: 7852
Ion Ratio Lower Upper
43 100
58 34.1 31.7 47.5



#17
Carbon Disulfide
Concen: 1.155 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY020259.D
Acq: 11 Nov 2024 19:30

Tgt Ion: 76 Resp: 6563
Ion Ratio Lower Upper
76 100
78 11.7 6.8 10.2#

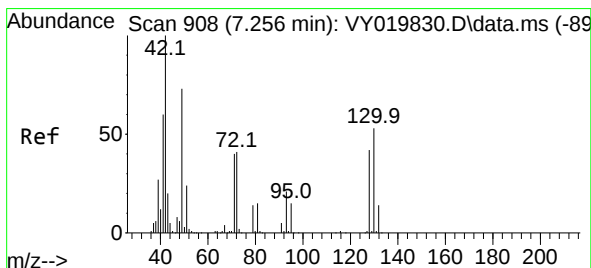
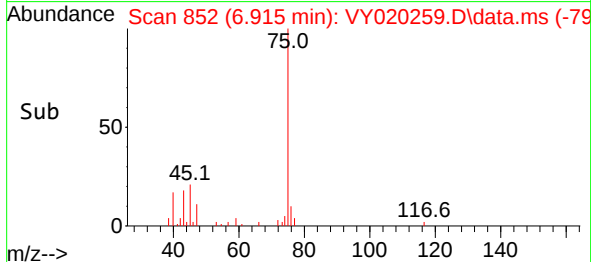
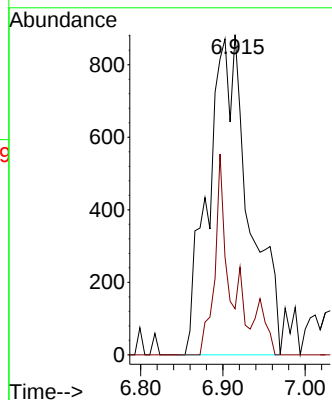
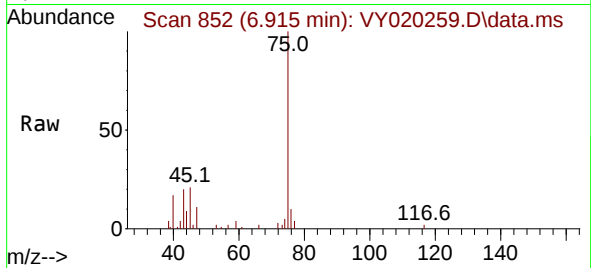




#25
2-Butanone
Concen: 4.866 ug/l
RT: 6.915 min Scan# 81
Delta R.T. 0.025 min
Lab File: VY020259.D
Acq: 11 Nov 2024 19:30

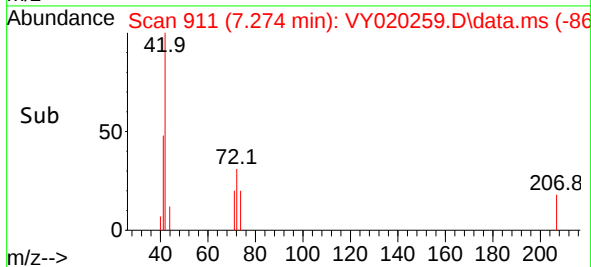
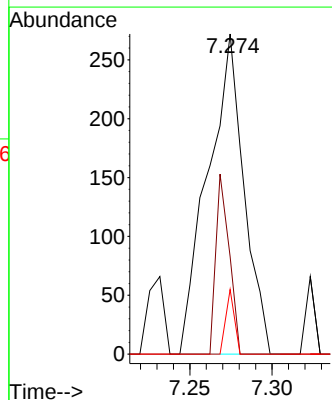
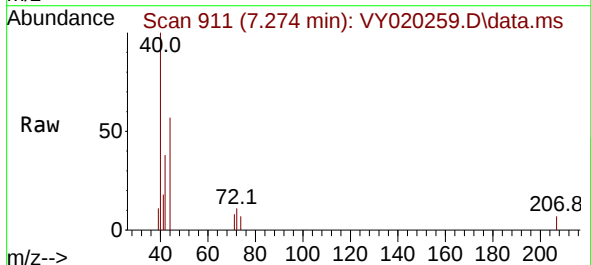
Instrument :
MSVOA_Y
ClientSampleId :

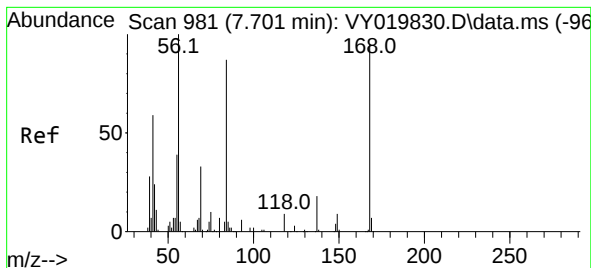
Tgt Ion: 43 Resp: 3029
Ion Ratio Lower Upper
43 100
72 14.4 27.3 40.9#



#29
Tetrahydrofuran
Concen: 1.155 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.013 min
Lab File: VY020259.D
Acq: 11 Nov 2024 19:30

Tgt Ion: 42 Resp: 415
Ion Ratio Lower Upper
42 100
72 20.7 43.0 64.4#
71 4.8 40.8 61.2#





#31

Cyclohexane

Concen: 1.329 ug/l

RT: 7.713 min Scan# 981

Delta R.T. 0.013 min

Lab File: VY020259.D

Acq: 11 Nov 2024 19:30

Instrument :

MSVOA_Y

ClientSampleId :

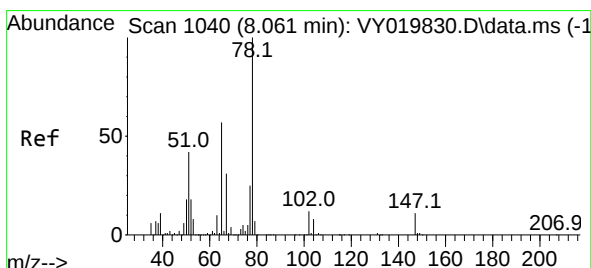
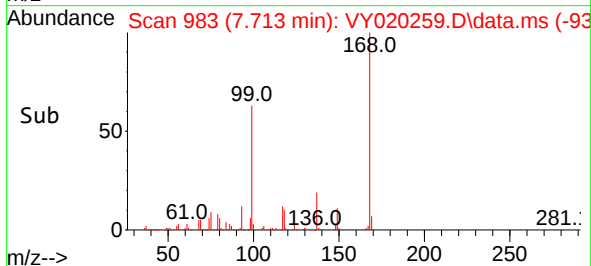
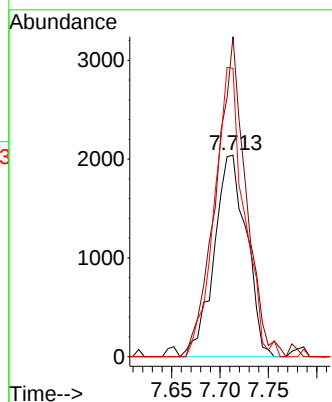
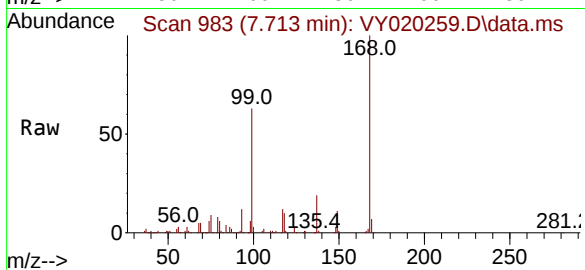
Tgt Ion: 56 Resp: 4764

Ion Ratio Lower Upper

56 100

69 158.9 28.7 43.1#

84 154.5 77.7 116.5#



#33

1,2-Dichloroethane-d4

Concen: 58.622 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY020259.D

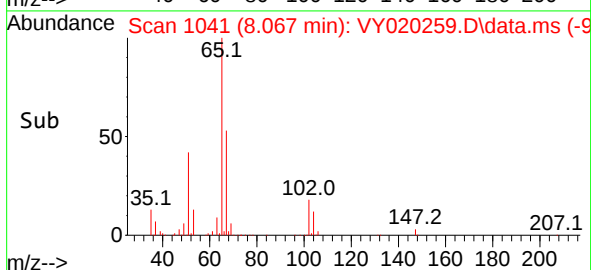
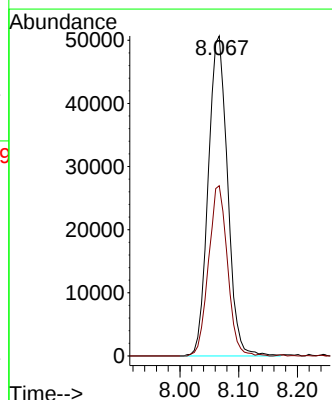
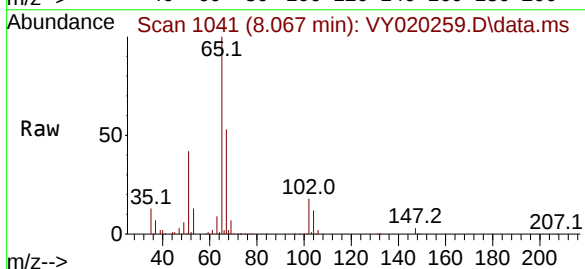
Acq: 11 Nov 2024 19:30

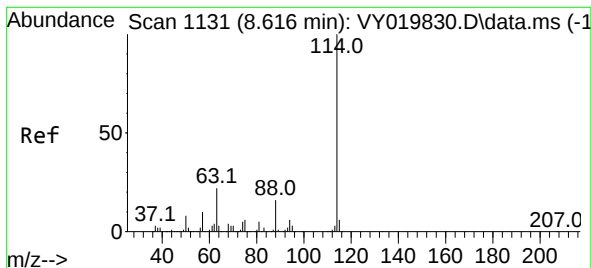
Tgt Ion: 65 Resp: 115754

Ion Ratio Lower Upper

65 100

67 52.2 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: VY020259.D

Acq: 11 Nov 2024 19:30

Instrument :

MSVOA_Y

ClientSampleId :

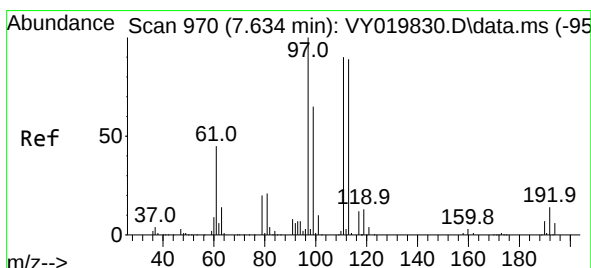
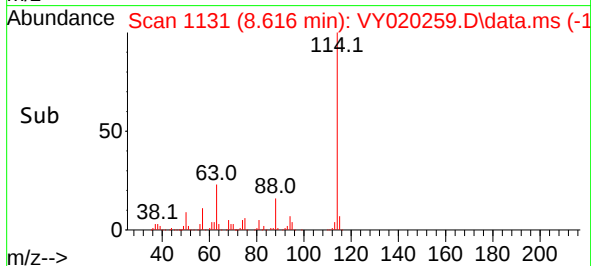
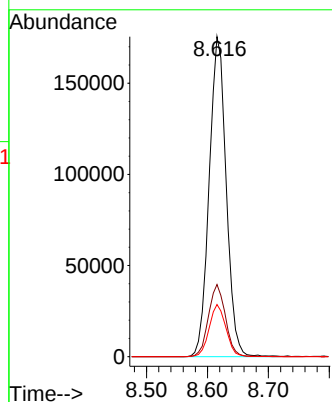
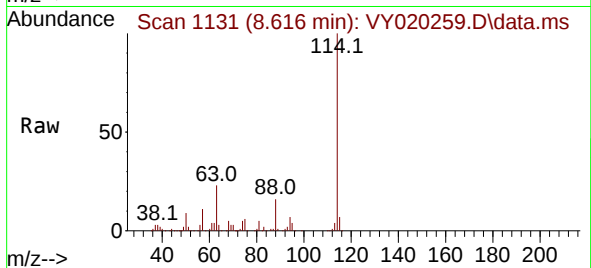
Tgt Ion:114 Resp: 340798

Ion Ratio Lower Upper

114 100

63 22.6 0.0 35.0

88 16.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.244 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY020259.D

Acq: 11 Nov 2024 19:30

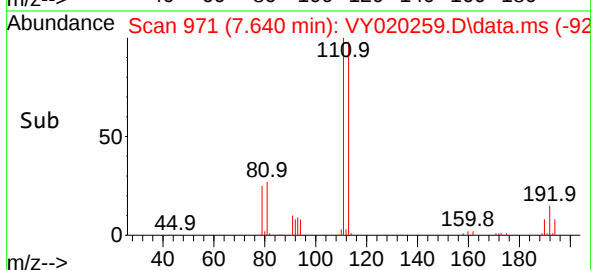
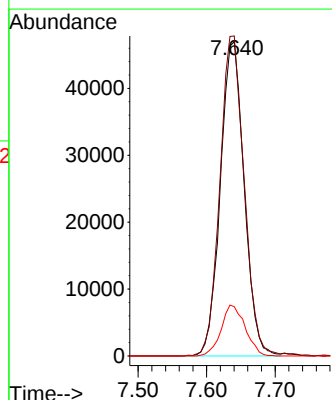
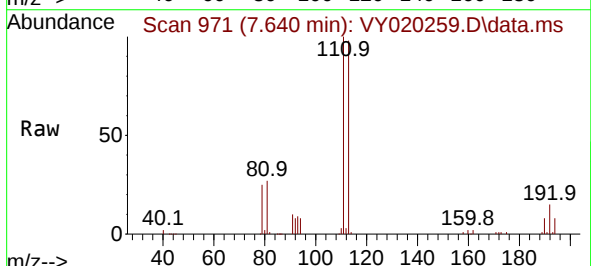
Tgt Ion:113 Resp: 113202

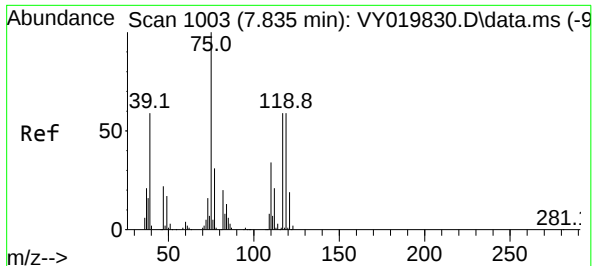
Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.4

192 16.4 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.893 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

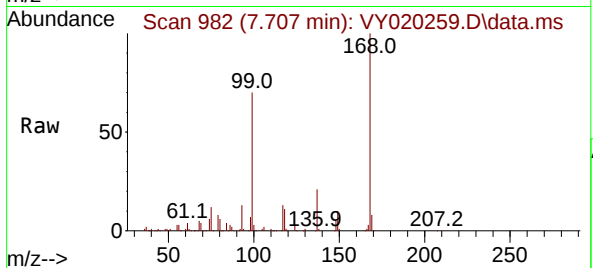
Lab File: VY020259.D

Acq: 11 Nov 2024 19:30

Instrument :

MSVOA_Y

ClientSampleId :



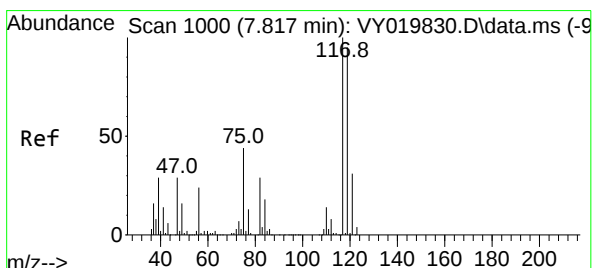
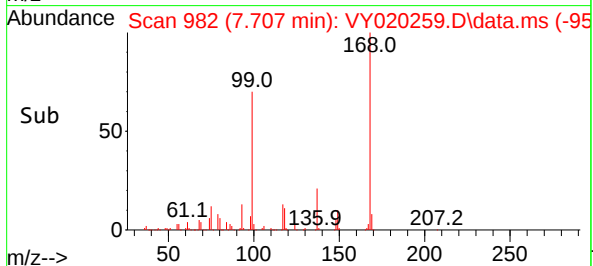
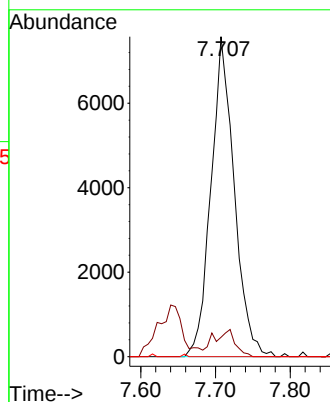
Tgt Ion: 75 Resp: 16379

Ion Ratio Lower Upper

75 100

110 7.8 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.468 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.109 min

Lab File: VY020259.D

Acq: 11 Nov 2024 19:30

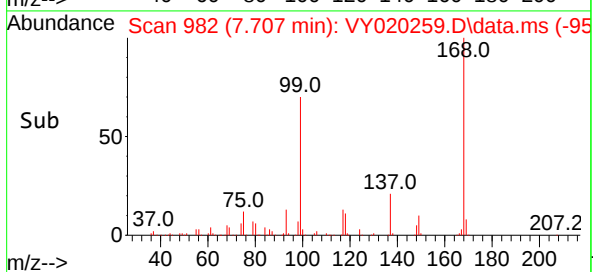
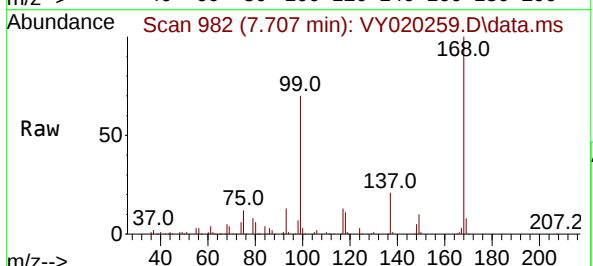
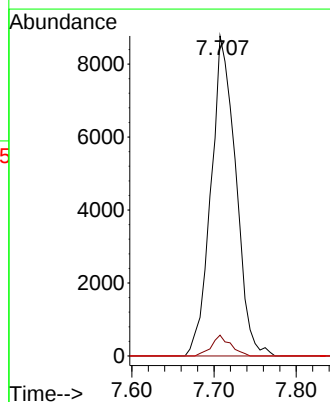
Tgt Ion: 117 Resp: 18403

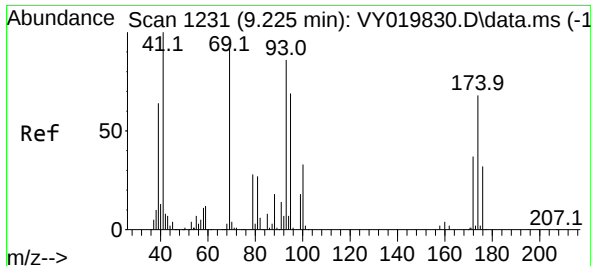
Ion Ratio Lower Upper

117 100

119 6.5 75.8 113.6#

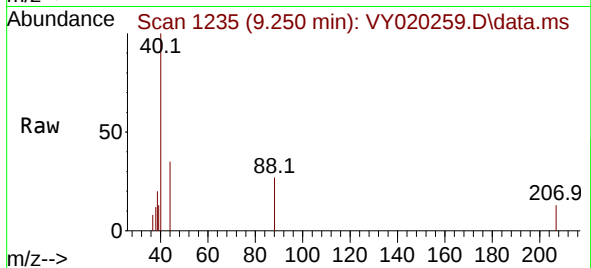
121 0.0 24.0 36.0#



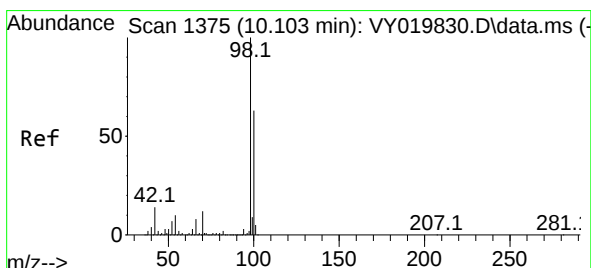
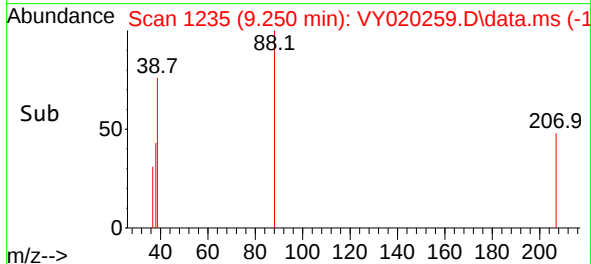
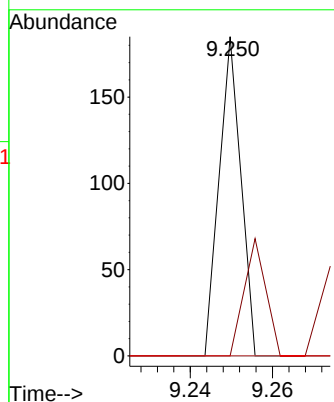


#49
1,4-Dioxane
Concen: 5.215 ug/l
RT: 9.250 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY020259.D
Acq: 11 Nov 2024 19:30

Instrument :
MSVOA_Y
ClientSampleId :

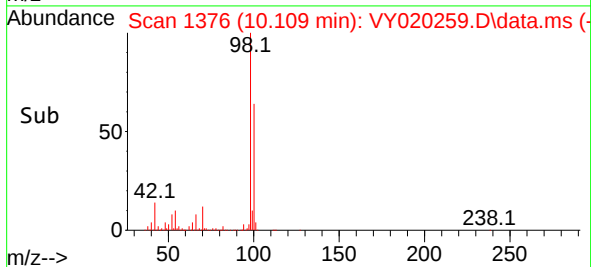
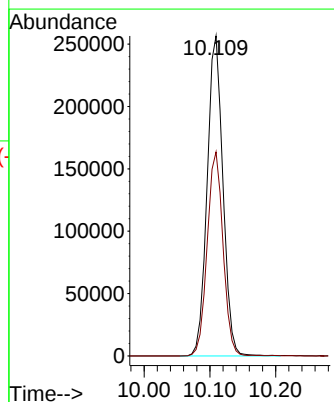
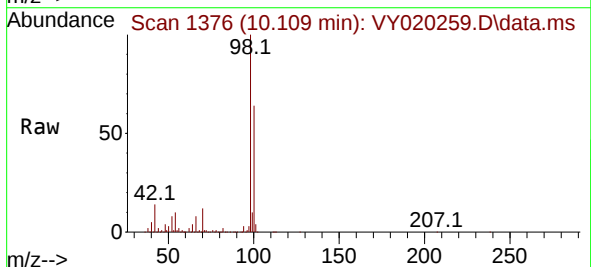


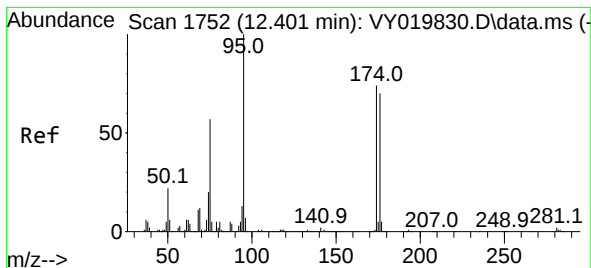
Tgt Ion: 88 Resp: 68
Ion Ratio Lower Upper
88 100
43 36.8 0.0 0.0#
58 0.0 49.3 73.9#



#50
Toluene-d8
Concen: 49.604 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020259.D
Acq: 11 Nov 2024 19:30

Tgt Ion: 98 Resp: 427823
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0

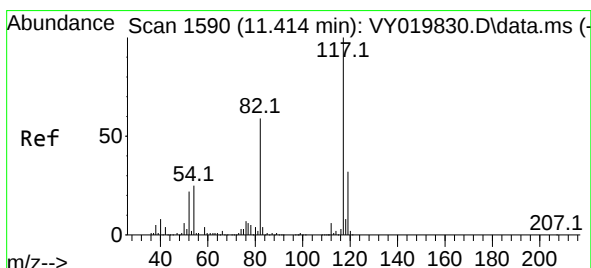
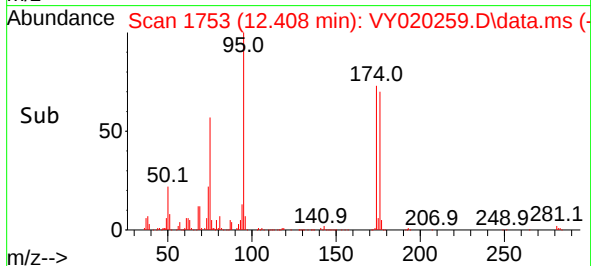
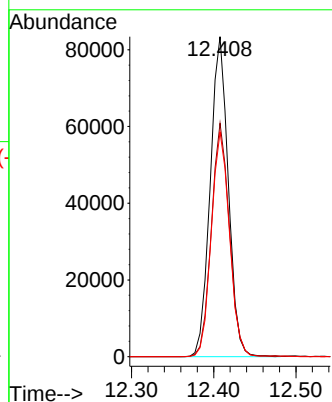
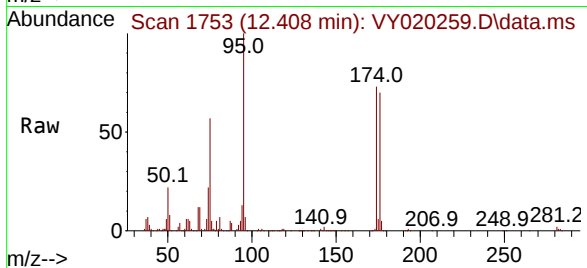




#62
4-Bromofluorobenzene
Concen: 45.451 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020259.D
Acq: 11 Nov 2024 19:30

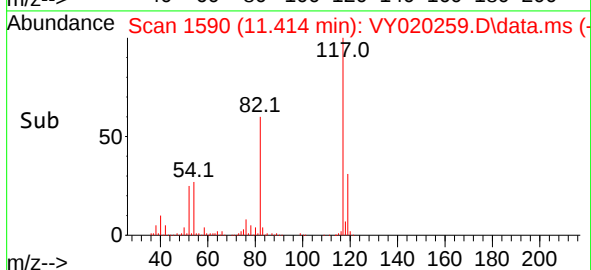
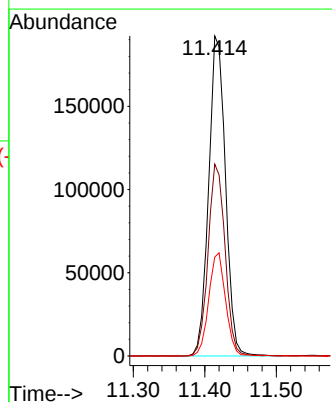
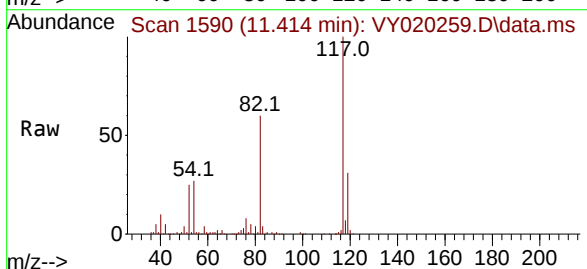
Instrument :
MSVOA_Y
ClientSampleId :

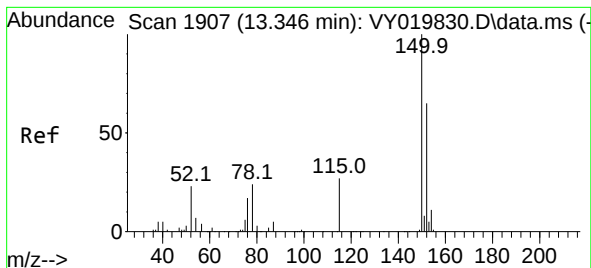
Tgt Ion: 95 Resp: 127328
Ion Ratio Lower Upper
95 100
174 73.0 0.0 175.6
176 70.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020259.D
Acq: 11 Nov 2024 19:30

Tgt Ion: 117 Resp: 314106
Ion Ratio Lower Upper
117 100
82 60.0 42.4 63.6
119 30.9 25.9 38.9

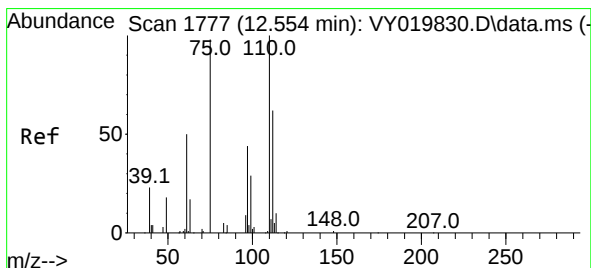
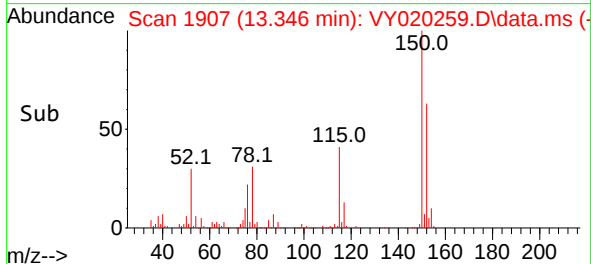
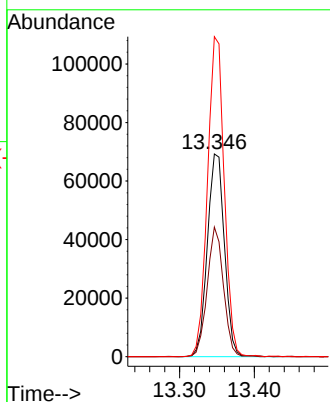
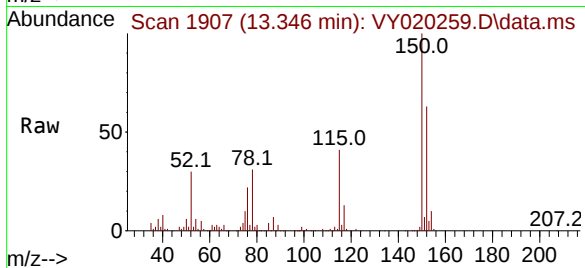




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020259.D
Acq: 11 Nov 2024 19:30

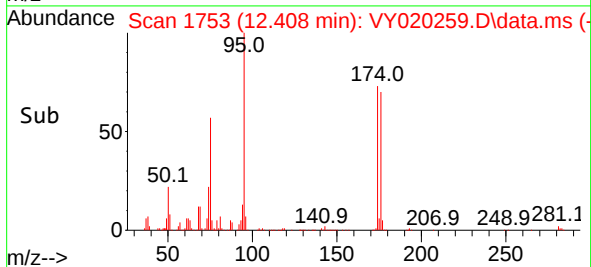
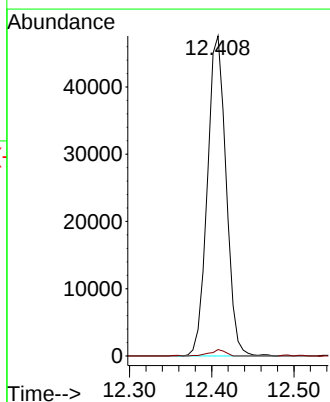
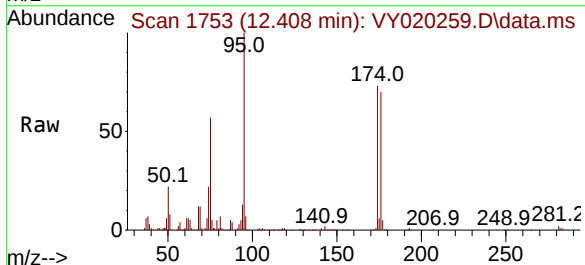
Instrument :
MSVOA_Y
ClientSampleId :

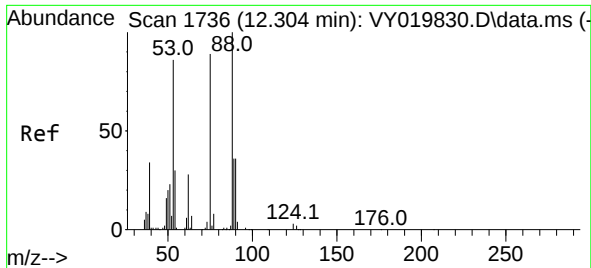
Tgt Ion:152 Resp: 109744
Ion Ratio Lower Upper
152 100
115 60.9 28.2 84.7
150 155.2 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 73.204 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY020259.D
Acq: 11 Nov 2024 19:30

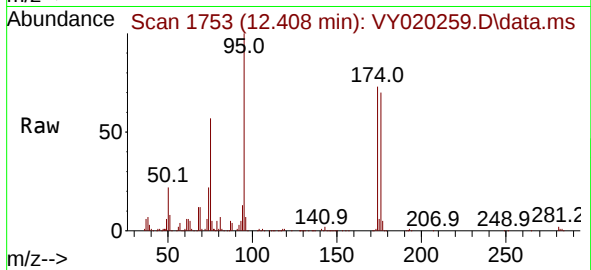
Tgt Ion: 75 Resp: 75308
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 157.460 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY020259.D
Acq: 11 Nov 2024 19:30

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	66.8	100.2#
89	0.1	35.8	53.6#

