

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
 Data File : VY020642.D
 Acq On : 18 Dec 2024 17:38
 Operator : SY/MD
 Sample : P5299-01
 Misc : 6.95g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 19 02:51:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

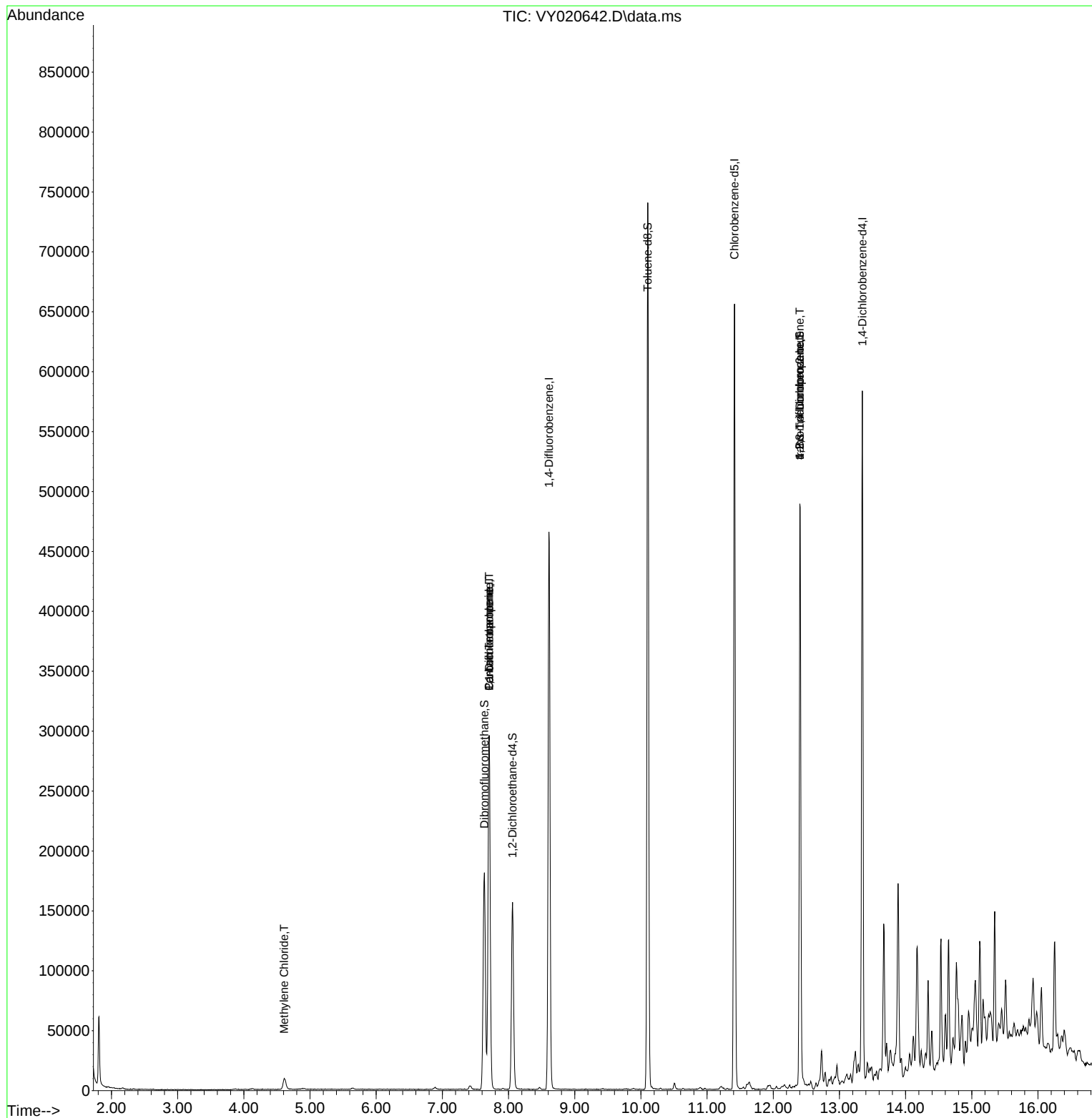
Internal Standards						
1) Pentafluorobenzene	7.707	168	233930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	408249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	351864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	141411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	125606	49.026	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.060%
35) Dibromofluoromethane	7.634	113	131817	45.814	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.620%
50) Toluene-d8	10.103	98	486937	48.352	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.700%
62) 4-Bromofluorobenzene	12.401	95	152376	38.680	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	77.360%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.854	59	188	Below Cal	#	75
16) Acetone	3.873	43	1039	Below Cal	#	84
20) Methylene Chloride	4.610	84	6999	2.197	ug/l #	91
30) Chloroform	7.408	83	3316	Below Cal		88
36) 1,1-Dichloropropene	7.707	75	17766	3.386	ug/l #	50
38) Carbon Tetrachloride	7.707	117	23693	4.082	ug/l #	15
76) 1,2,3-Trichloropropane	12.401	75	78303	53.304	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	78303	111.888	ug/l #	12

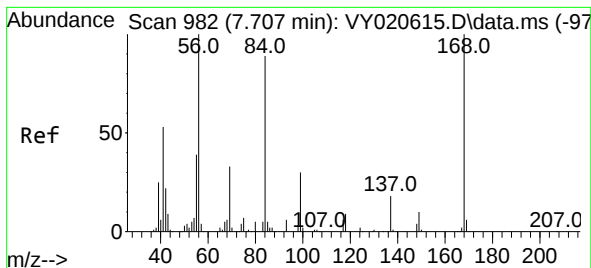
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 18 05:27:13 2024
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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: VY020642.D

Acq: 18 Dec 2024 17:38

Instrument :

MSVOA_Y

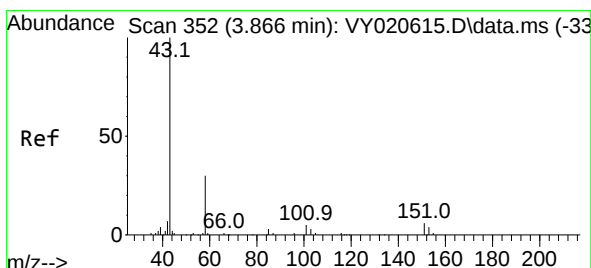
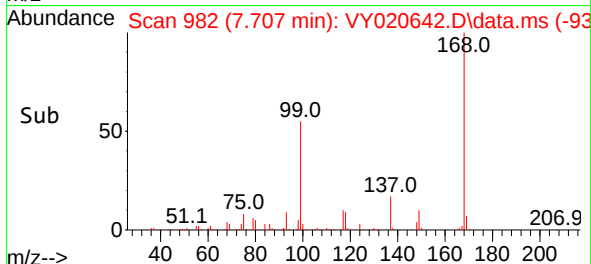
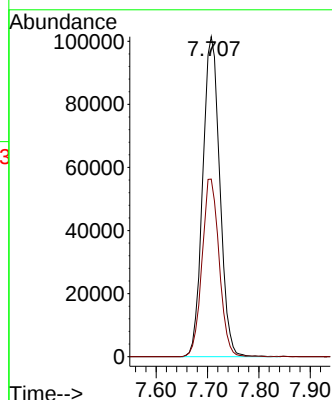
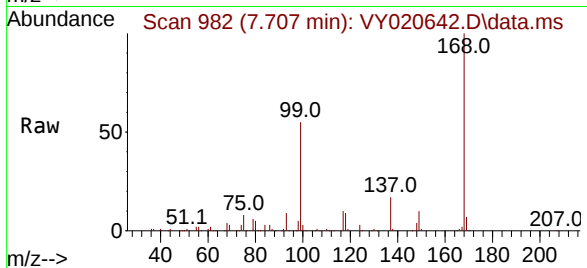
ClientSampleId :

Tgt Ion:168 Resp: 233930

Ion Ratio Lower Upper

168 100

99 55.5 47.0 70.6



#16

Acetone

Concen: Below Cal

RT: 3.873 min Scan# 353

Delta R.T. 0.007 min

Lab File: VY020642.D

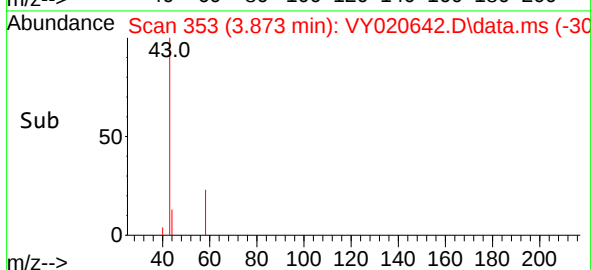
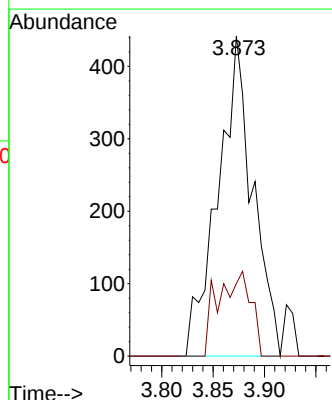
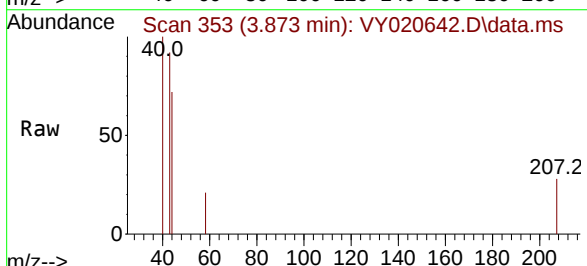
Acq: 18 Dec 2024 17:38

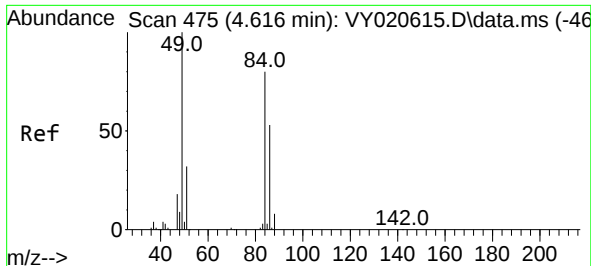
Tgt Ion: 43 Resp: 1039

Ion Ratio Lower Upper

43 100

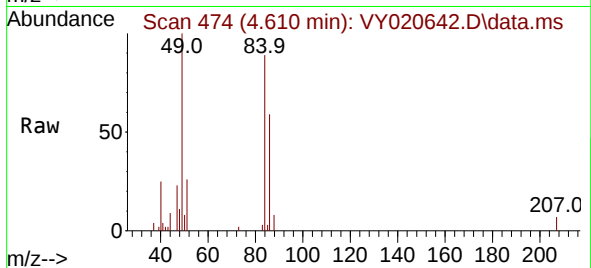
58 22.6 25.0 37.6#



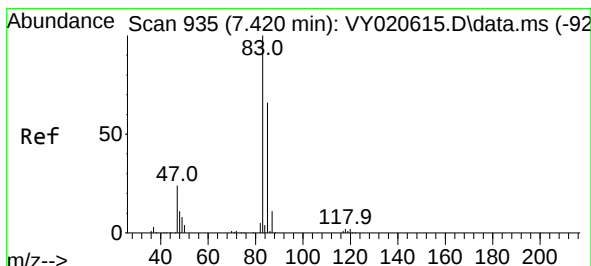
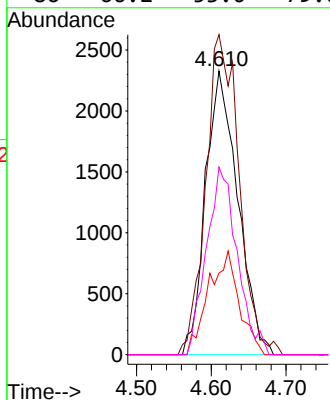
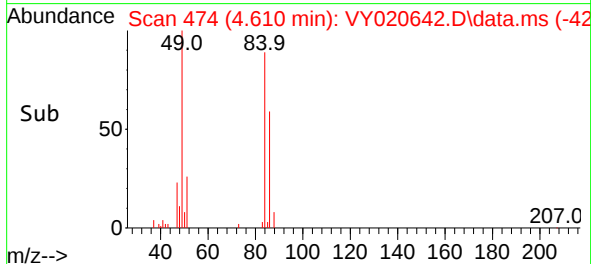


#20
Methylene Chloride
Concen: 2.197 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY020642.D
Acq: 18 Dec 2024 17:38

Instrument :
MSVOA_Y
ClientSampleId :

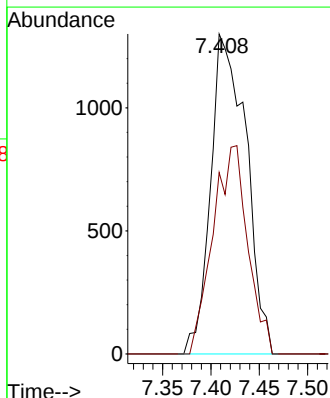
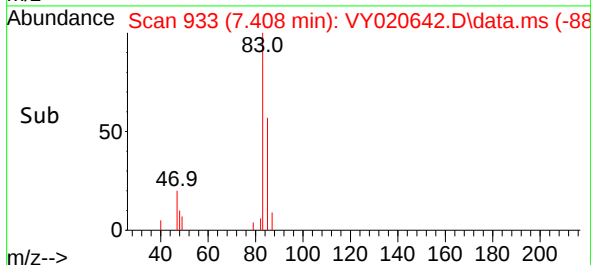
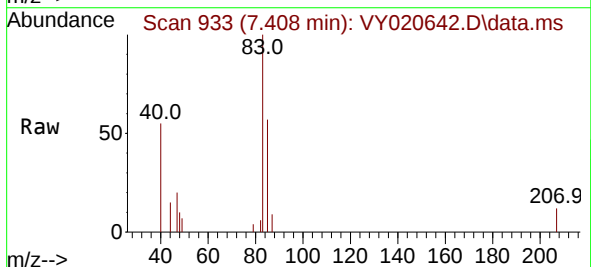


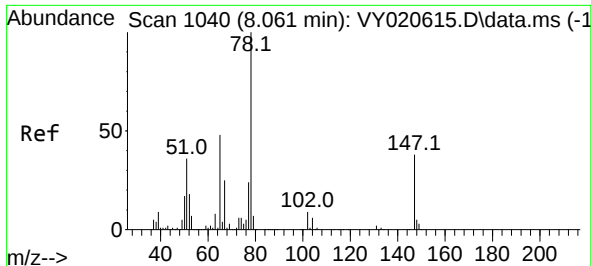
Tgt Ion:	84	Resp:	6999
Ion	Ratio	Lower	Upper
84	100		
49	112.8	100.7	151.1
51	28.8	32.2	48.2#
86	66.2	53.0	79.6



#30
Chloroform
Concen: Below Cal
RT: 7.408 min Scan# 933
Delta R.T. -0.012 min
Lab File: VY020642.D
Acq: 18 Dec 2024 17:38

Tgt Ion:	83	Resp:	3316
Ion	Ratio	Lower	Upper
83	100		
85	56.7	52.7	79.1





#33

1,2-Dichloroethane-d4

Concen: 49.026 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY020642.D

Acq: 18 Dec 2024 17:38

Instrument :

MSVOA_Y

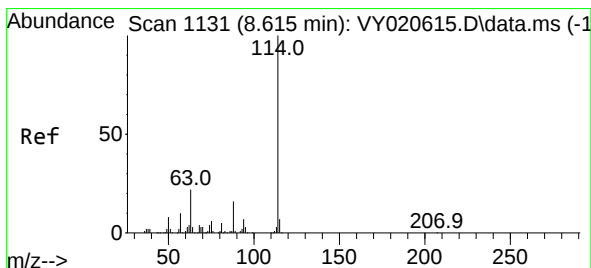
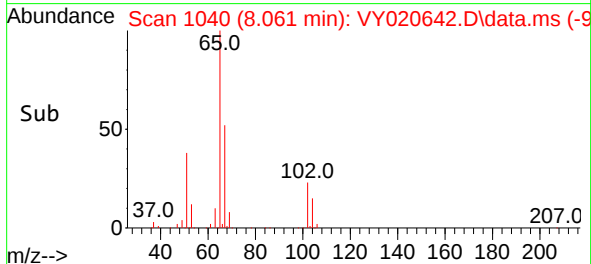
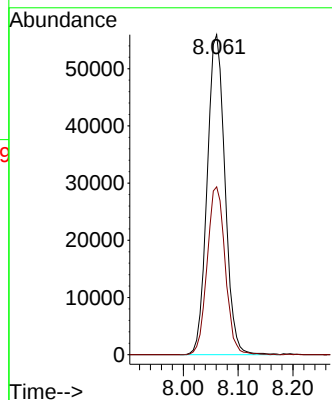
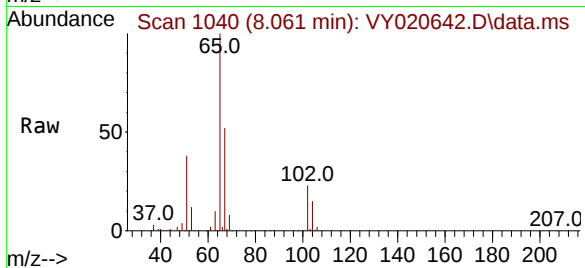
ClientSampleId :

Tgt Ion: 65 Resp: 125606

Ion Ratio Lower Upper

65 100

67 53.3 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY020642.D

Acq: 18 Dec 2024 17:38

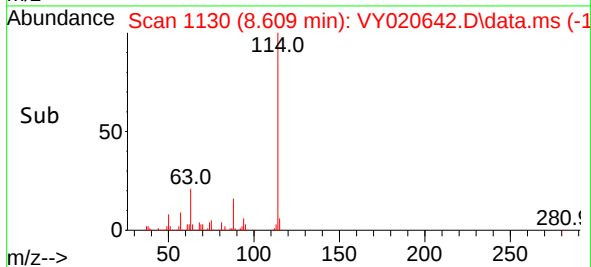
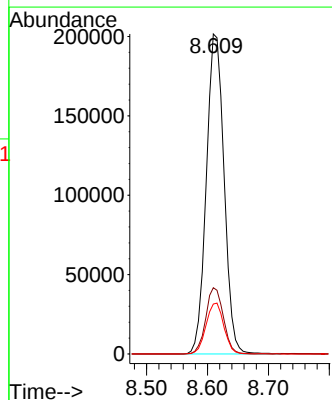
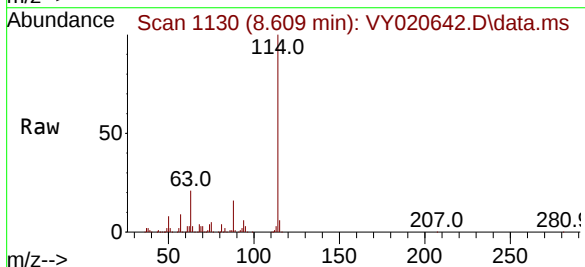
Tgt Ion: 114 Resp: 408249

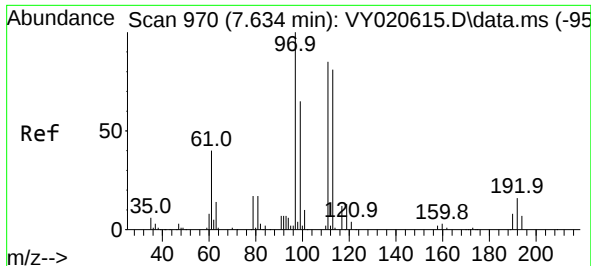
Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.0

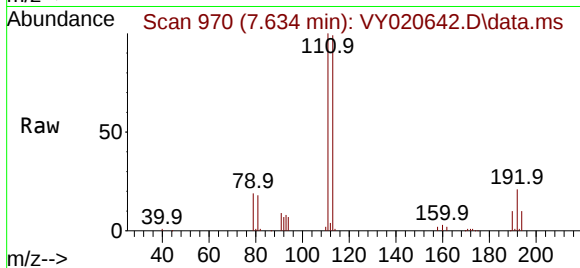
88 15.6 0.0 32.8



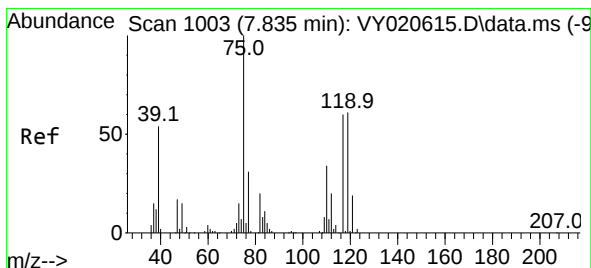
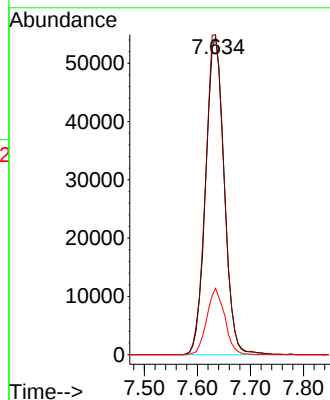
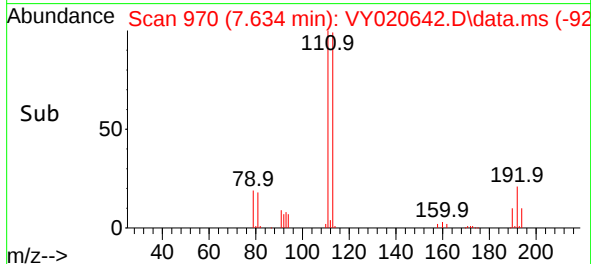


#35
Dibromofluoromethane
Concen: 45.814 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020642.D
Acq: 18 Dec 2024 17:38

Instrument :
MSVOA_Y
ClientSampleId :

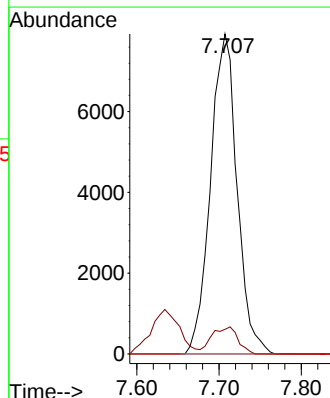
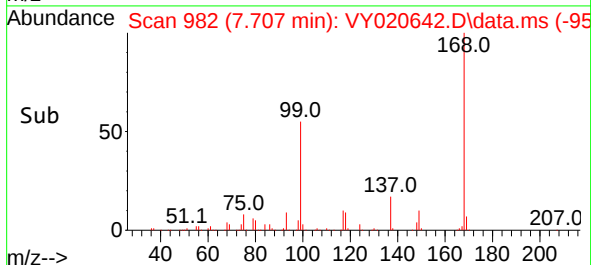
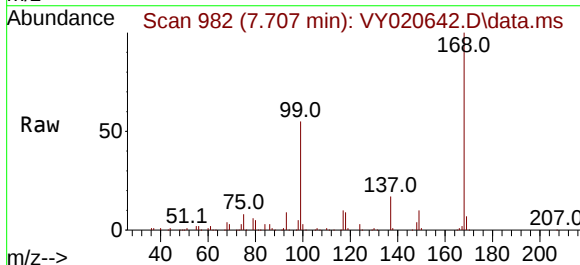


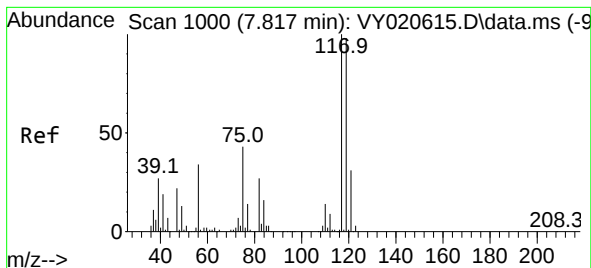
Tgt Ion:113 Resp: 131817
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 20.3 15.7 23.5



#36
1,1-Dichloropropene
Concen: 3.386 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020642.D
Acq: 18 Dec 2024 17:38

Tgt Ion: 75 Resp: 17766
Ion Ratio Lower Upper
75 100
110 8.2 16.8 50.4#
77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 4.082 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.110 min

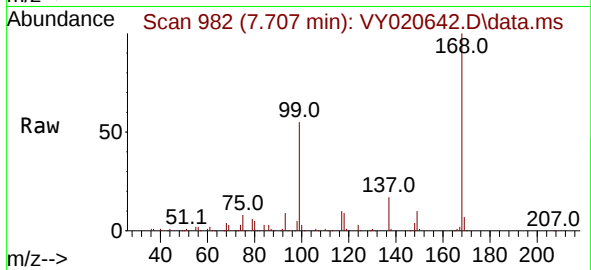
Lab File: VY020642.D

Acq: 18 Dec 2024 17:38

Instrument :

MSVOA_Y

ClientSampleId :



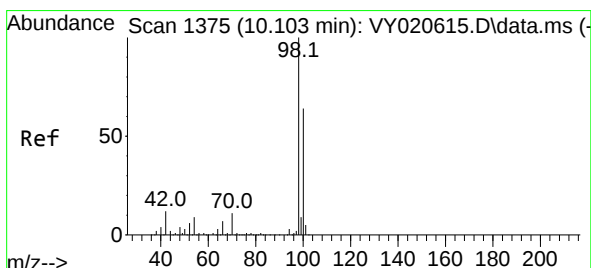
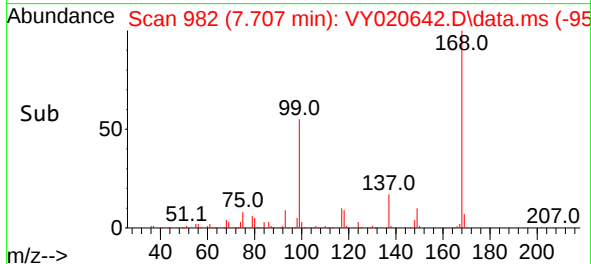
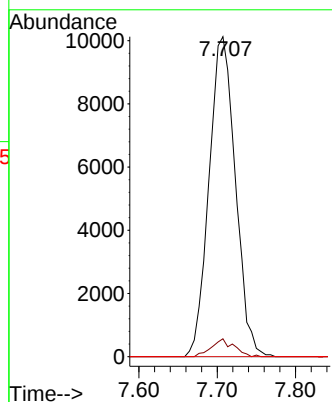
Tgt Ion:117 Resp: 23693

Ion Ratio Lower Upper

117 100

119 5.6 78.3 117.5#

121 0.0 25.1 37.7#



#50

Toluene-d8

Concen: 48.352 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020642.D

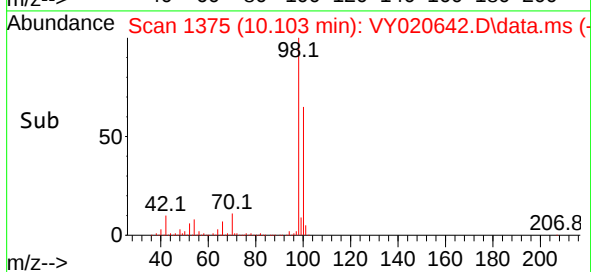
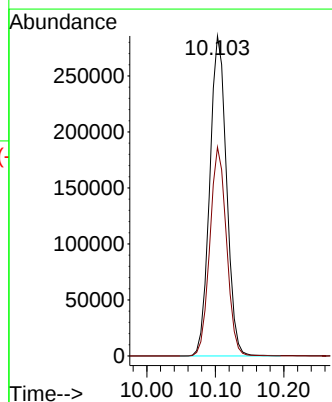
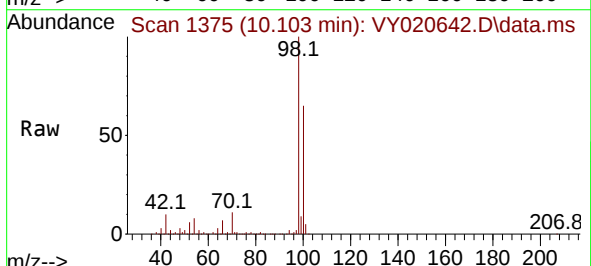
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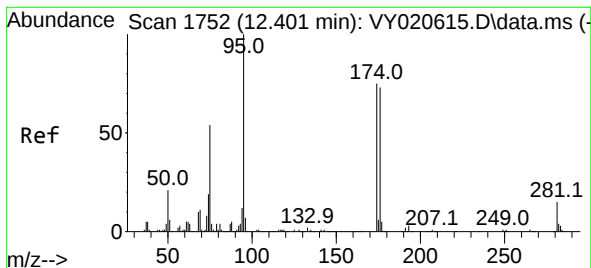
Tgt Ion: 98 Resp: 486937

Ion Ratio Lower Upper

98 100

100 64.6 52.1 78.1

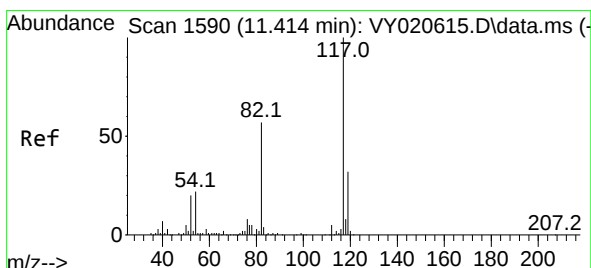
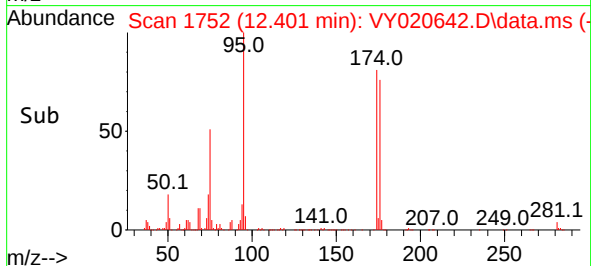
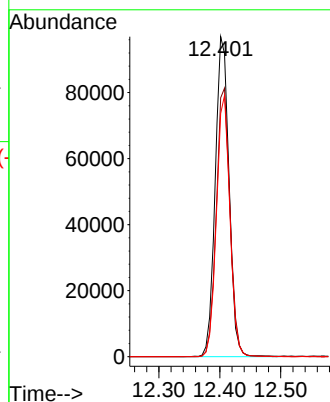
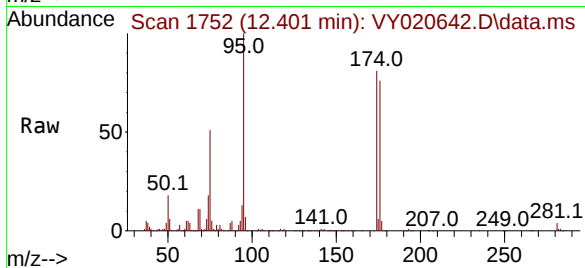




#62
4-Bromofluorobenzene
Concen: 38.680 ug/l
RT: 12.401 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020642.D
Acq: 18 Dec 2024 17:38

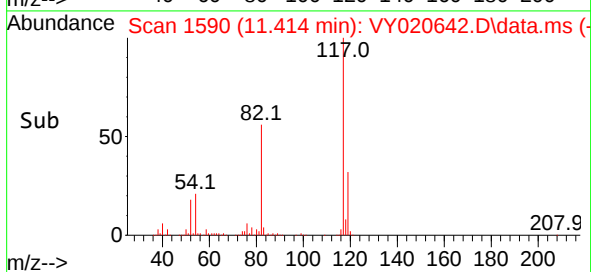
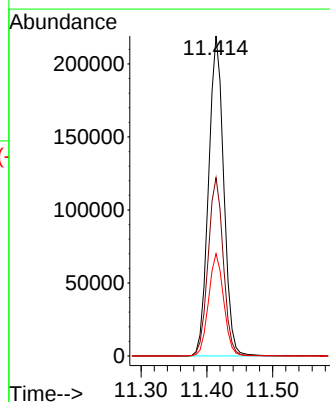
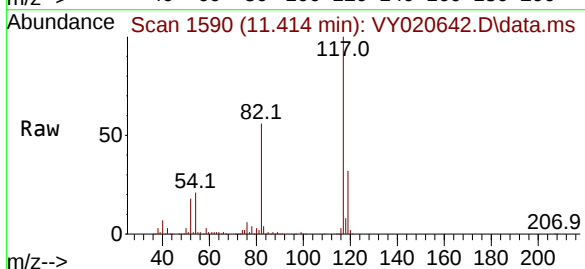
Instrument :
MSVOA_Y
ClientSampleId :

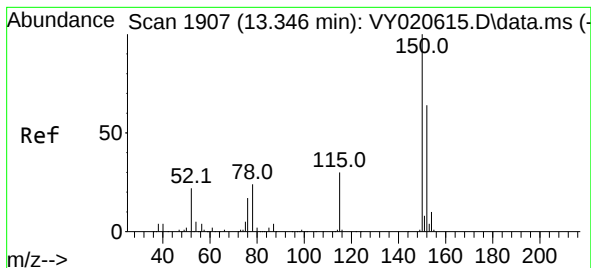
Tgt Ion: 95 Resp: 152376
Ion Ratio Lower Upper
95 100
174 83.5 0.0 161.8
176 79.5 0.0 156.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY020642.D
Acq: 18 Dec 2024 17:38

Tgt Ion: 117 Resp: 351864
Ion Ratio Lower Upper
117 100
82 55.7 45.8 68.6
119 31.9 25.3 37.9

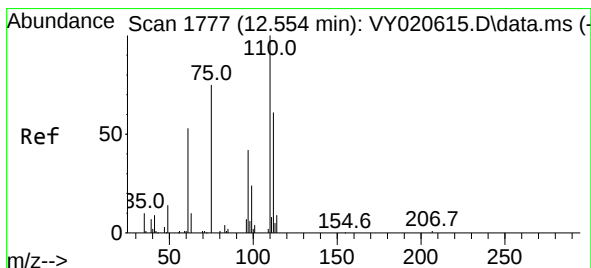
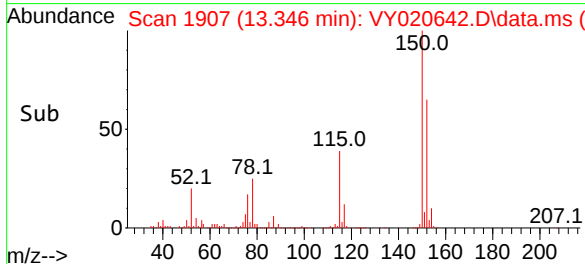
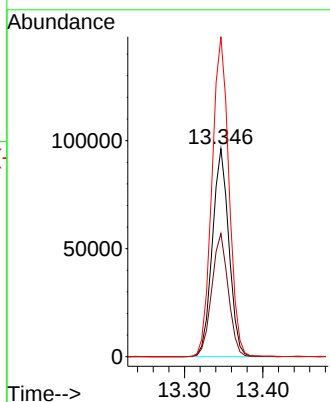
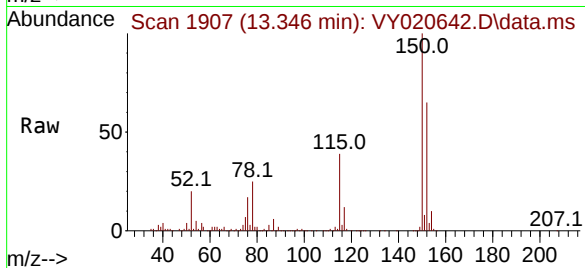




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020642.D
Acq: 18 Dec 2024 17:38

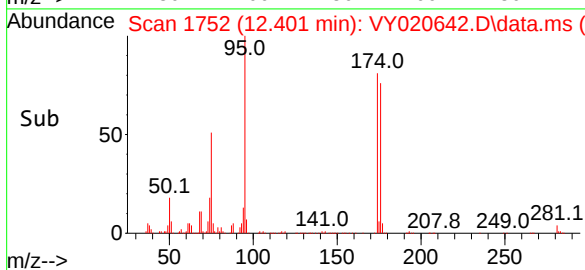
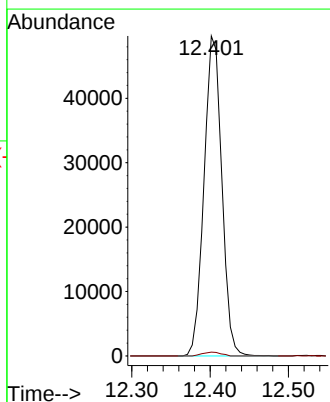
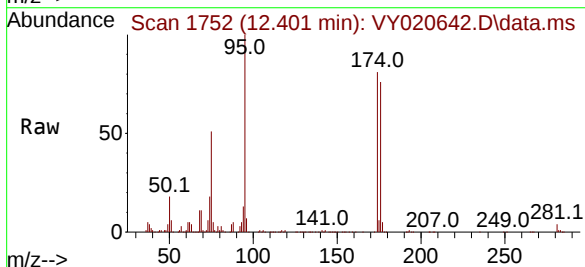
Instrument :
MSVOA_Y
ClientSampleId :

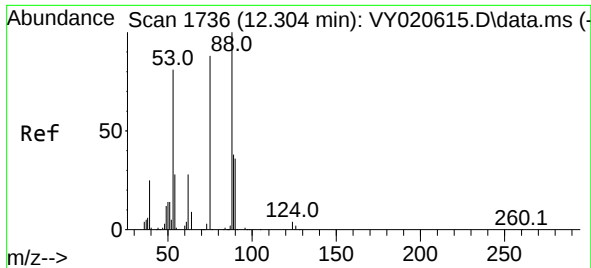
Tgt Ion	152	Resp	141411
Ion	Ratio	Lower	Upper
152	100		
115	59.2	30.2	90.6
150	158.1	0.0	355.4



#76
1,2,3-Trichloropropane
Concen: 53.304 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.152 min
Lab File: VY020642.D
Acq: 18 Dec 2024 17:38

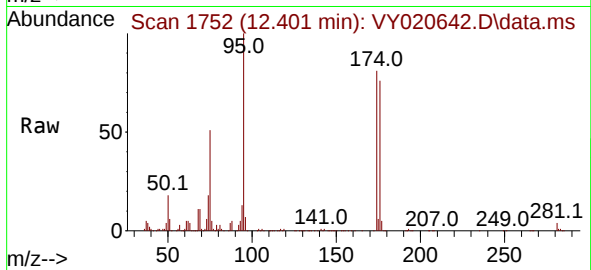
Tgt Ion	75	Resp	78303
Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.888 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY020642.D
 Acq: 18 Dec 2024 17:38

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	75.4	113.2#
89	0.2	37.0	55.4#

