

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051324\
 Data File : VY018247.D
 Acq On : 13 May 2024 17:23
 Operator : SY/MD
 Sample : P2469-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 14 02:30:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

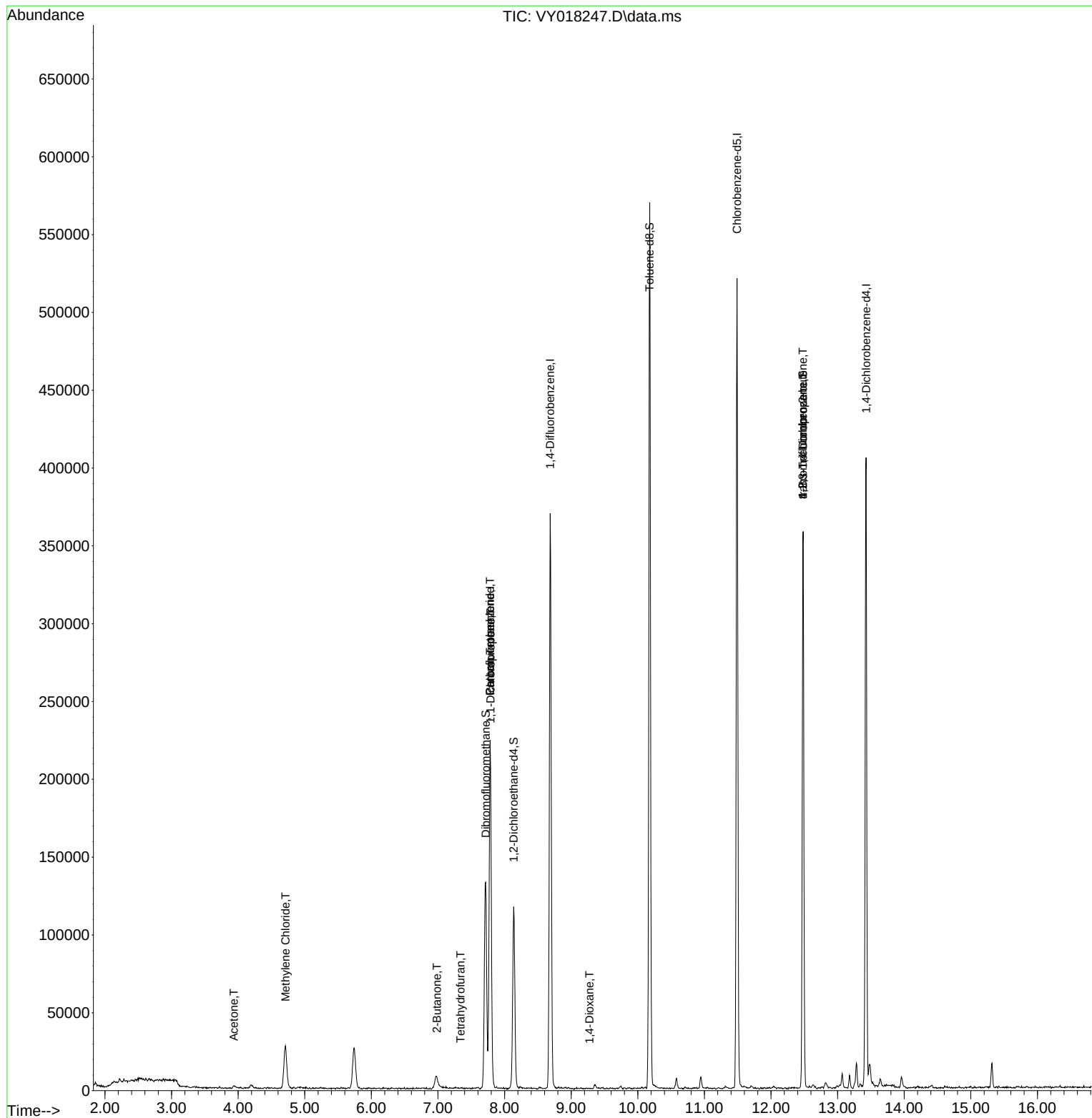
Internal Standards						
1) Pentafluorobenzene	7.783	168	175066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	333954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	295436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	108109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	85742	66.575	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.140%	
35) Dibromofluoromethane	7.716	113	97129	55.342	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.680%	
50) Toluene-d8	10.179	98	381043	55.095	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.180%	
62) 4-Bromofluorobenzene	12.477	95	113809	50.955	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.920%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	682	Below Cal	#	97
13) Acrolein	3.704	56	134	Below Cal	#	53
16) Acetone	3.936	43	2105	8.190	ug/l #	77
20) Methylene Chloride	4.710	84	21801	12.001	ug/l	97
25) 2-Butanone	6.984	43	1055	2.568	ug/l	100
29) Tetrahydrofuran	7.338	42	392	1.445	ug/l #	26
31) Cyclohexane	7.783	56	3306	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	13355	5.308	ug/l #	49
38) Carbon Tetrachloride	7.783	117	17817	6.481	ug/l #	17
49) 1,4-Dioxane	9.277	88	21	1.555	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	56782	65.618	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	56782	126.424	ug/l #	16

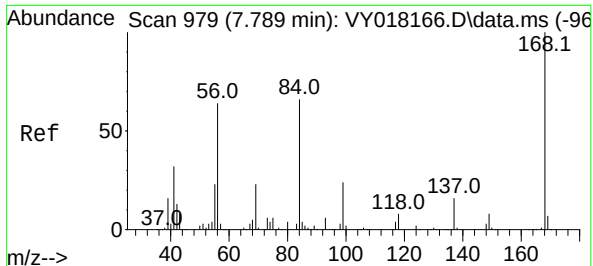
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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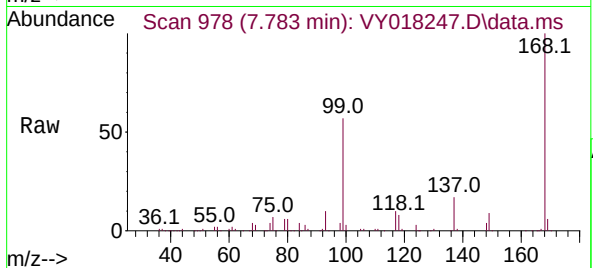
Quant Time: May 14 02:30:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
Quant Title : SW846 8260
QLast Update : Wed May 08 01:40:14 2024
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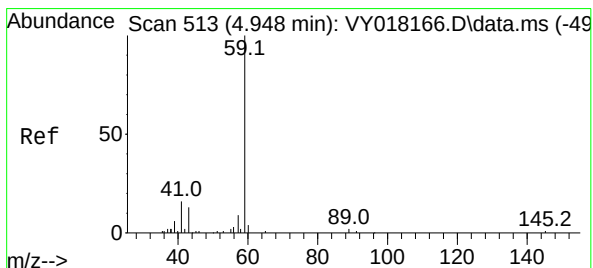
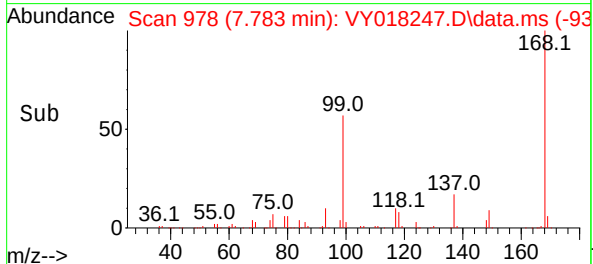
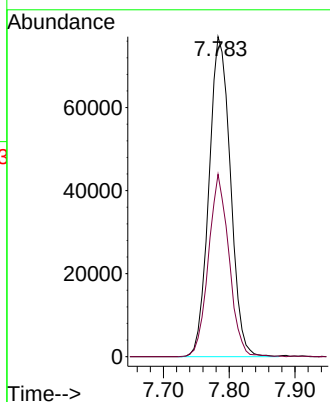


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018247.D
Acq: 13 May 2024 17:23

Instrument :
MSVOA_Y
ClientSampleId :

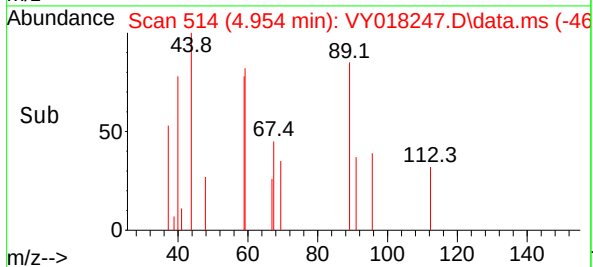
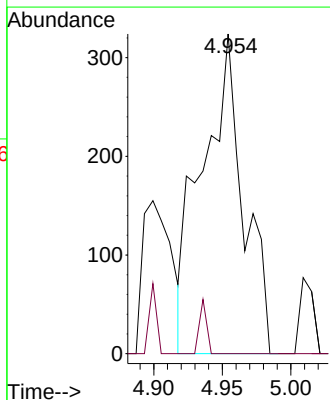
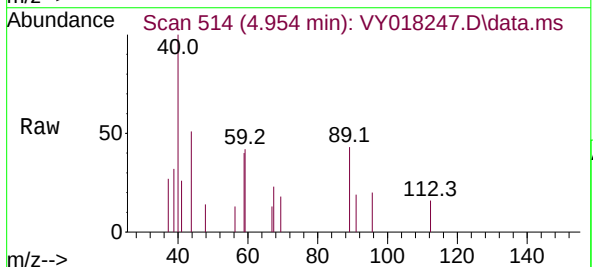


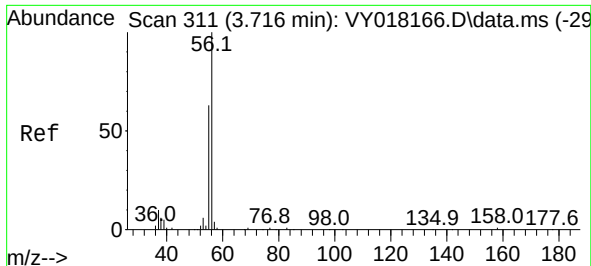
Tgt Ion:168 Resp: 175066
Ion Ratio Lower Upper
168 100
99 57.0 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY018247.D
Acq: 13 May 2024 17:23

Tgt Ion: 59 Resp: 682
Ion Ratio Lower Upper
59 100
57 2.9 3.0 4.6#





#13

Acrolein

Concen: Below Cal

RT: 3.704 min Scan# 309

Delta R.T. -0.012 min

Lab File: VY018247.D

Acq: 13 May 2024 17:23

Instrument :

MSVOA_Y

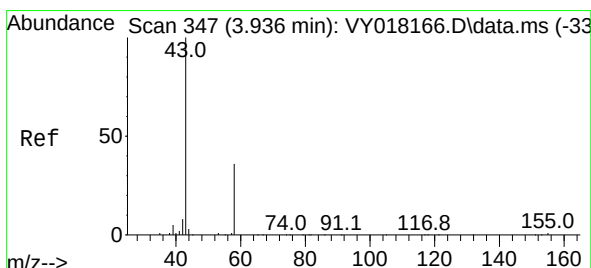
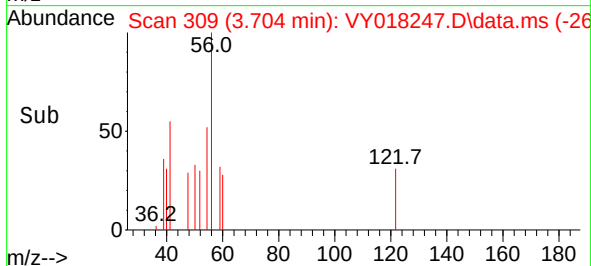
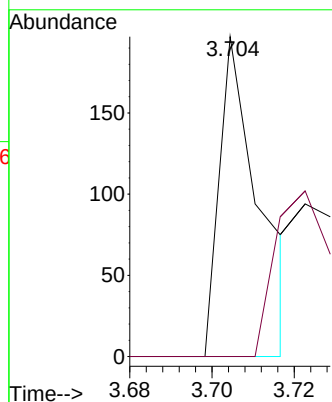
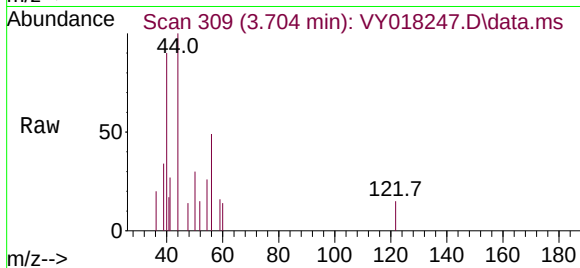
ClientSampleId :

Tgt Ion: 56 Resp: 134

Ion Ratio Lower Upper

56 100

55 108.2 55.7 83.5#



#16

Acetone

Concen: 8.190 ug/l

RT: 3.936 min Scan# 347

Delta R.T. 0.000 min

Lab File: VY018247.D

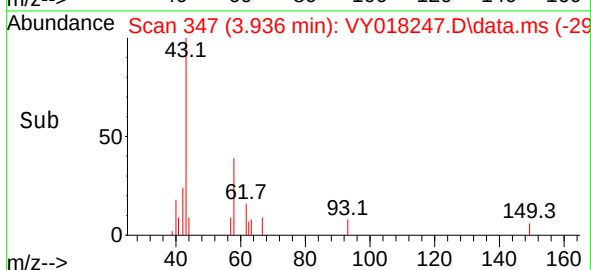
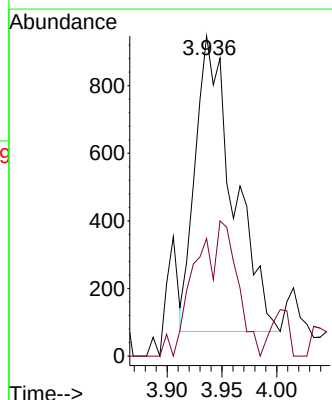
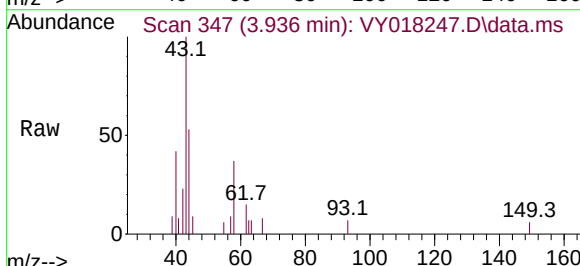
Acq: 13 May 2024 17:23

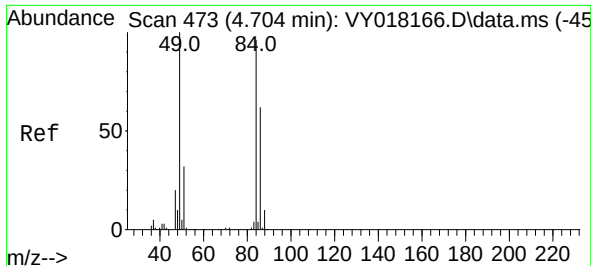
Tgt Ion: 43 Resp: 2105

Ion Ratio Lower Upper

43 100

58 25.2 31.7 47.5#





#20

Methylene Chloride

Concen: 12.001 ug/l

RT: 4.710 min Scan# 41

Delta R.T. 0.006 min

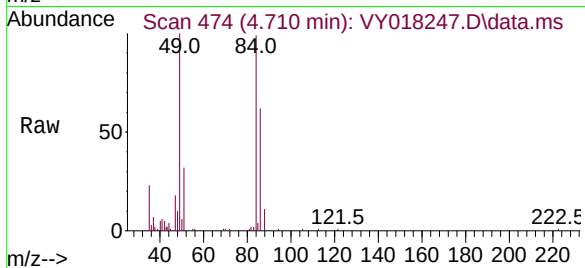
Lab File: VY018247.D

Acq: 13 May 2024 17:23

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 21801

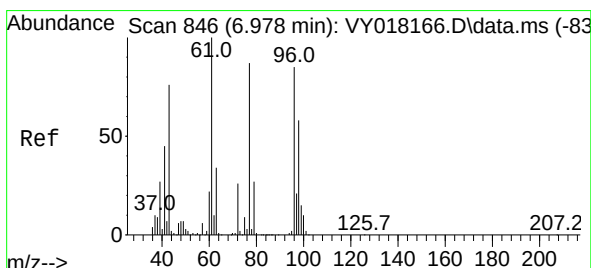
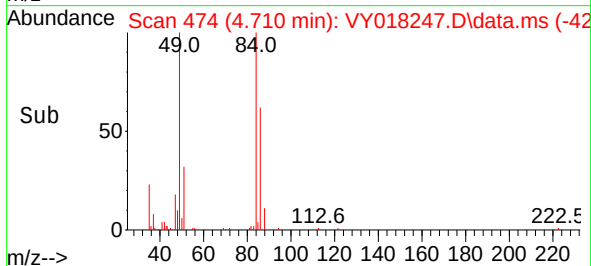
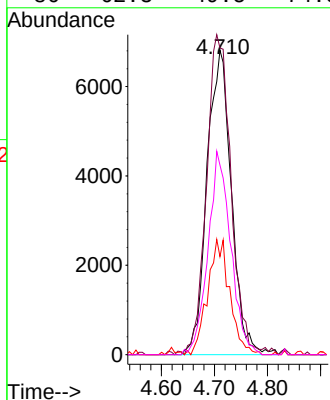
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

84	100		
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49	100.7	84.4	126.6
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51	32.2	26.0	39.0
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86	62.3	49.5	74.3
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#25

2-Butanone

Concen: 2.568 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY018247.D

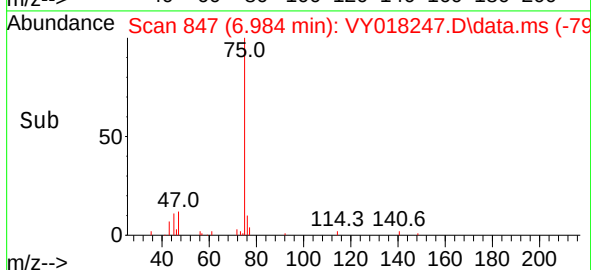
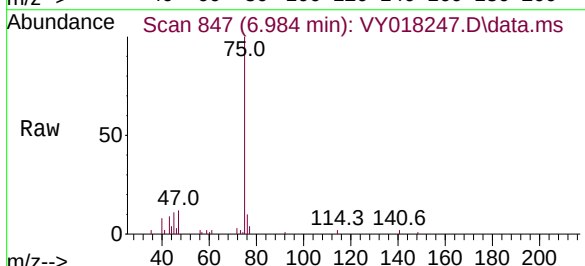
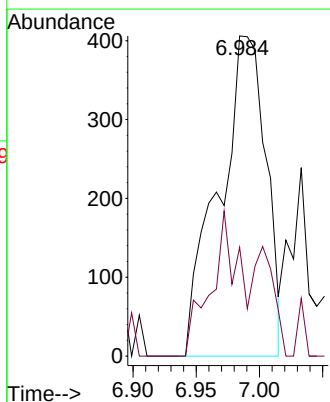
Acq: 13 May 2024 17:23

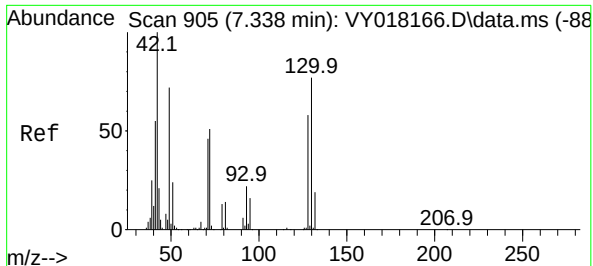
Tgt Ion: 43 Resp: 1055

Ion	Ratio	Lower	Upper
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43	100		
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72	34.0	27.3	40.9
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#29

Tetrahydrofuran

Concen: 1.445 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY018247.D

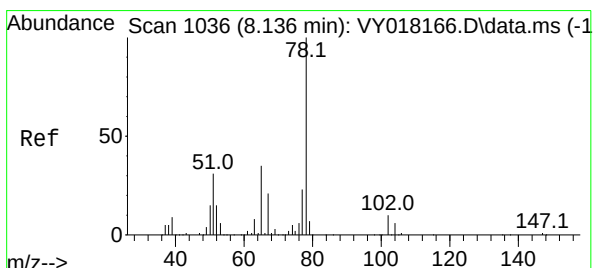
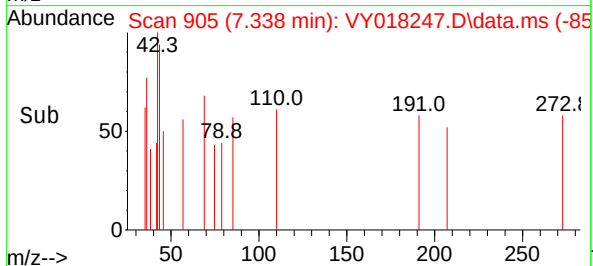
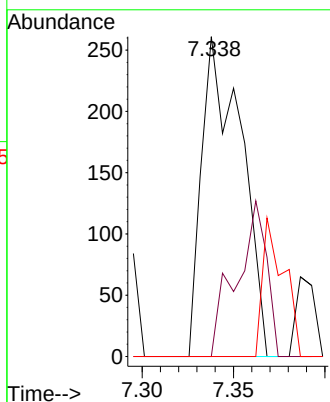
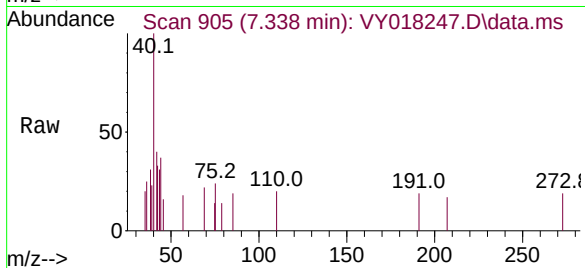
Acq: 13 May 2024 17:23

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	392
Ion Ratio	Lower	Upper	
42	100		
72	0.0	43.0	64.4#
71	0.0	40.8	61.2#



#33

1,2-Dichloroethane-d4

Concen: 66.575 ug/l

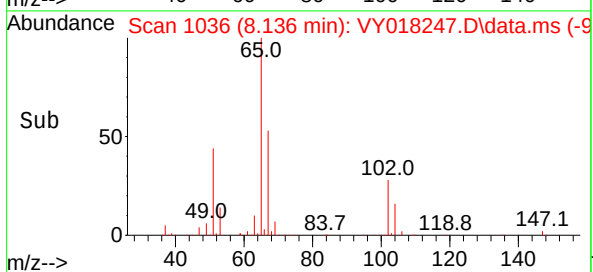
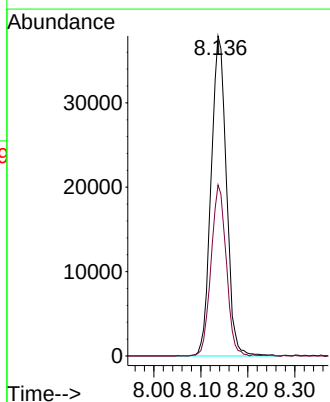
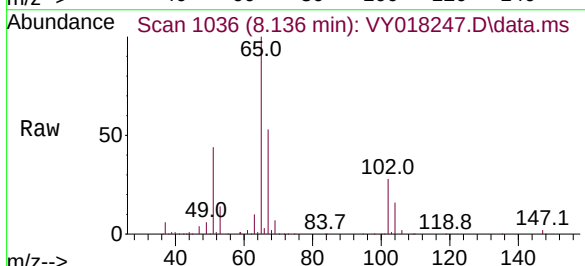
RT: 8.136 min Scan# 1036

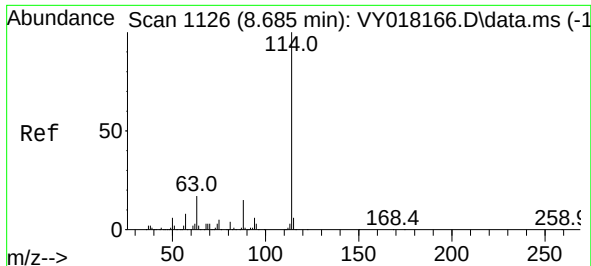
Delta R.T. 0.000 min

Lab File: VY018247.D

Acq: 13 May 2024 17:23

Tgt Ion:	65	Resp:	85742
Ion Ratio	Lower	Upper	
65	100		
67	52.8	0.0	109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018247.D

Acq: 13 May 2024 17:23

Instrument :

MSVOA_Y

ClientSampleId :

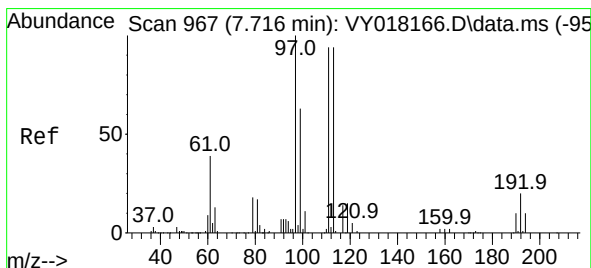
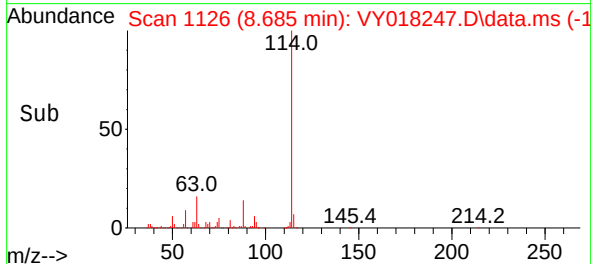
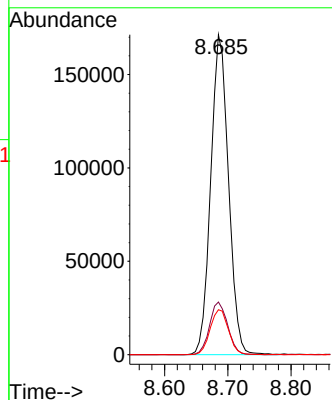
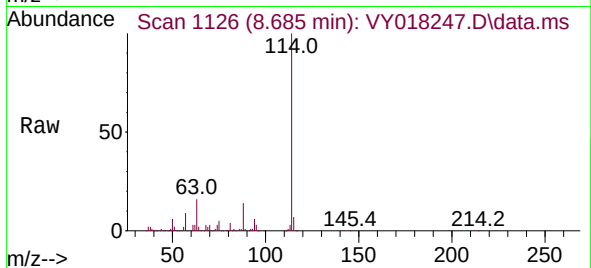
Tgt Ion:114 Resp: 333954

Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.342 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY018247.D

Acq: 13 May 2024 17:23

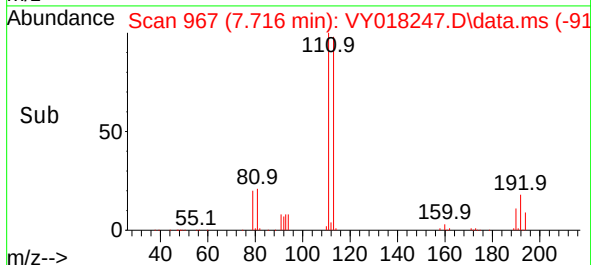
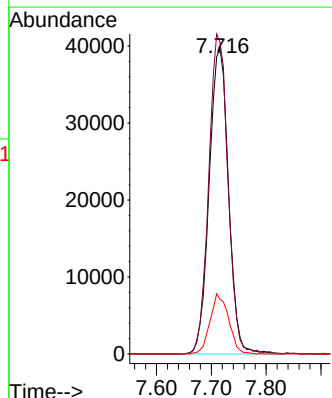
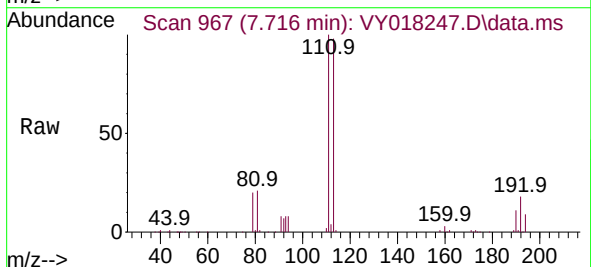
Tgt Ion:113 Resp: 97129

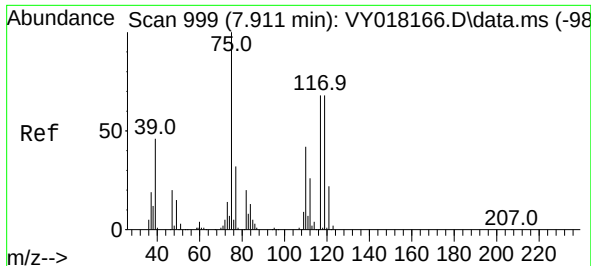
Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

192 19.0 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.308 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY018247.D

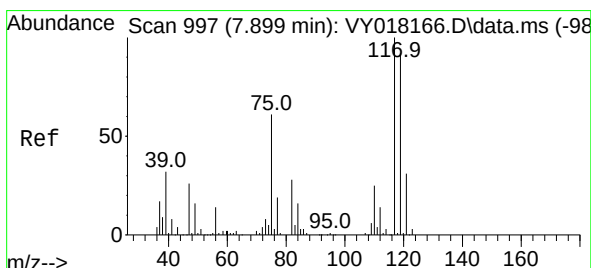
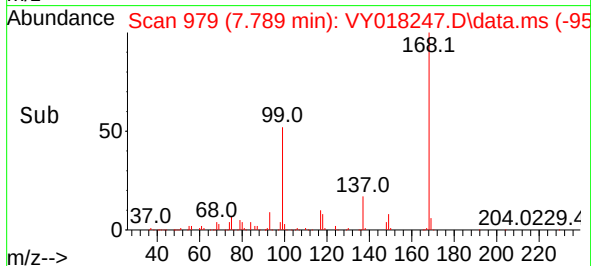
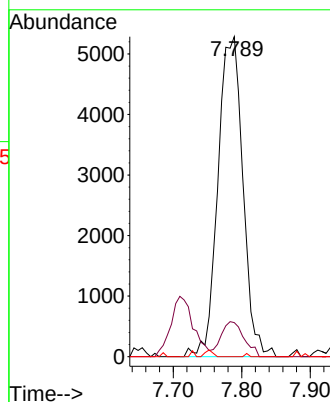
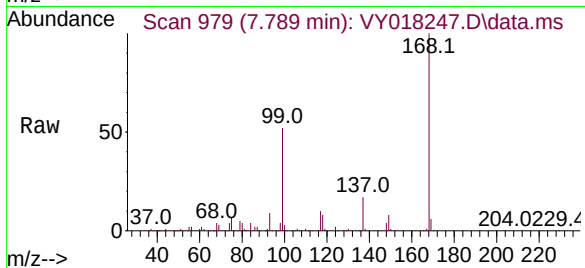
Acq: 13 May 2024 17:23

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 13355
Ion Ratio	Lower Upper
75	100
110	10.2 19.0 57.0#
77	0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.481 ug/l

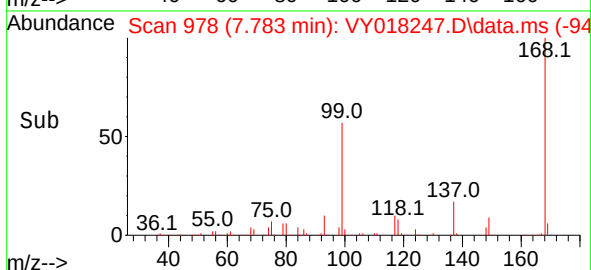
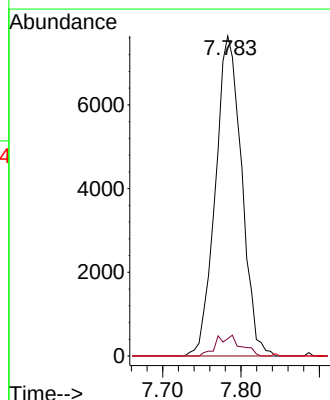
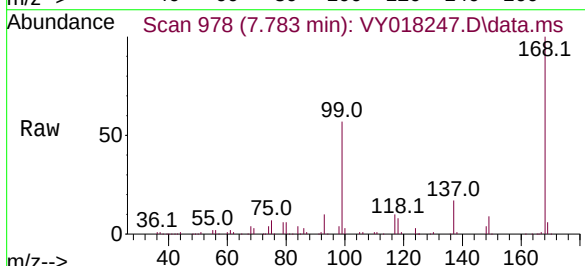
RT: 7.783 min Scan# 978

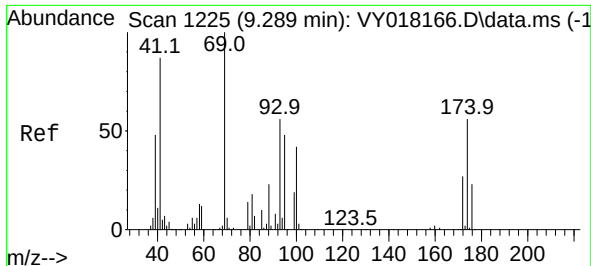
Delta R.T. -0.116 min

Lab File: VY018247.D

Acq: 13 May 2024 17:23

Tgt Ion: 117	Resp: 17817
Ion Ratio	Lower Upper
117	100
119	5.4 75.8 113.6#
121	0.0 24.0 36.0#

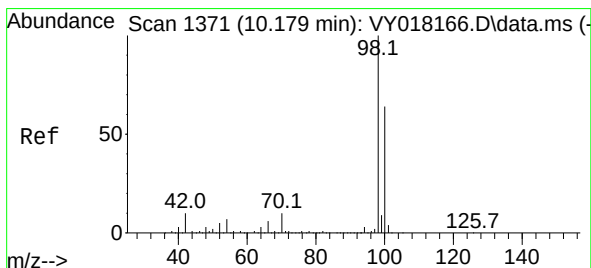
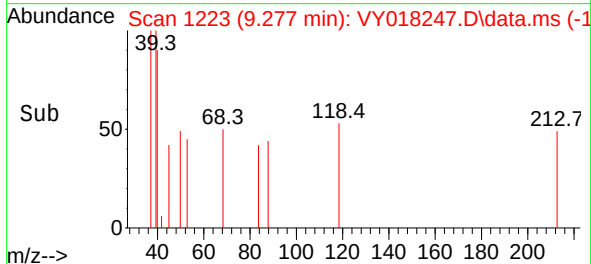
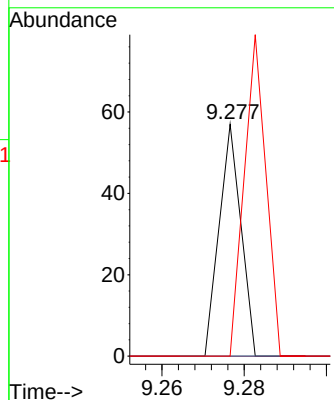
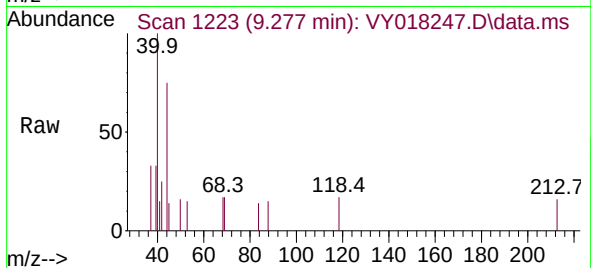




#49
1,4-Dioxane
Concen: 1.555 ug/l
RT: 9.277 min Scan# 1223
Delta R.T. -0.012 min
Lab File: VY018247.D
Acq: 13 May 2024 17:23

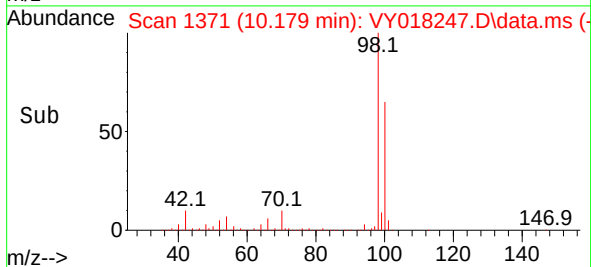
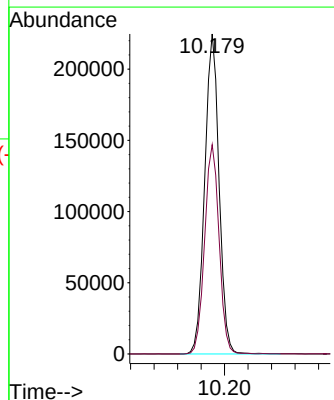
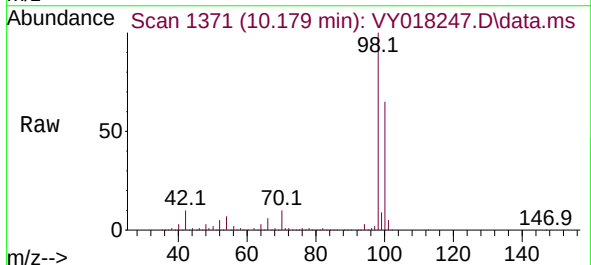
Instrument :
MSVOA_Y
ClientSampleId :

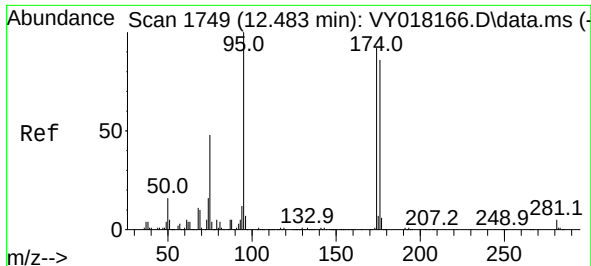
Tgt Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 138.1 49.3 73.9#



#50
Toluene-d8
Concen: 55.095 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018247.D
Acq: 13 May 2024 17:23

Tgt Ion: 98 Resp: 381043
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0

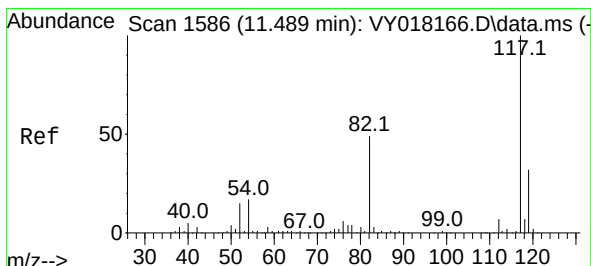
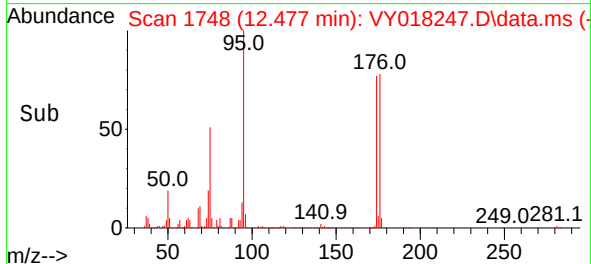
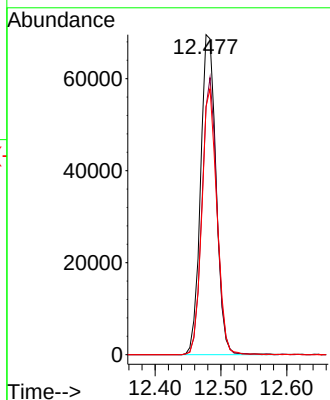
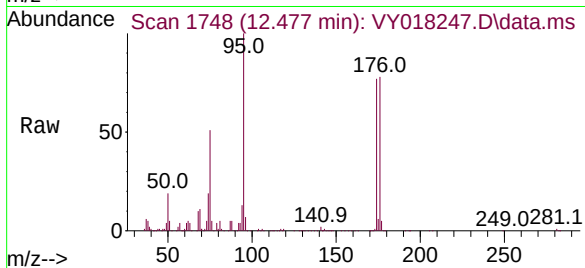




#62
4-Bromofluorobenzene
Concen: 50.955 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018247.D
Acq: 13 May 2024 17:23

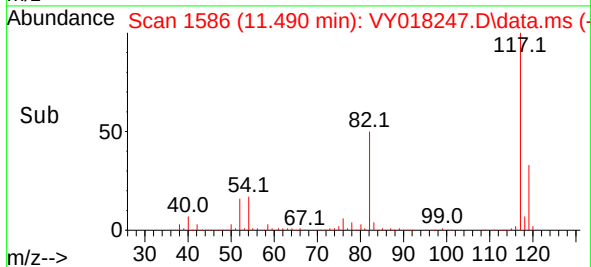
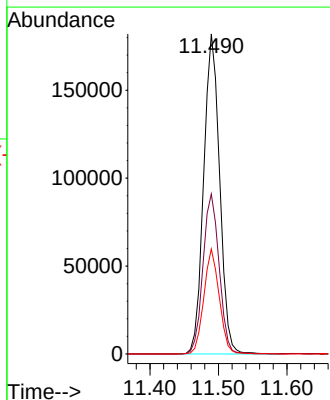
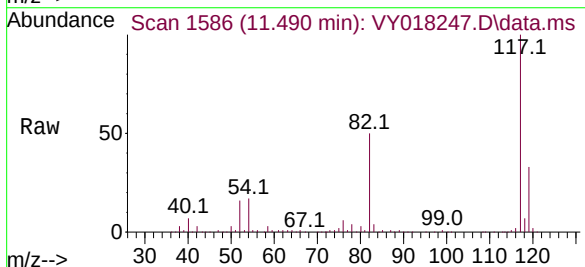
Instrument :
MSVOA_Y
ClientSampleId :

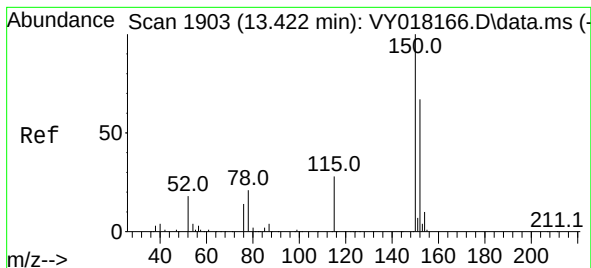
Tgt Ion: 95 Resp: 113809
Ion Ratio Lower Upper
95 100
174 82.8 0.0 175.6
176 81.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018247.D
Acq: 13 May 2024 17:23

Tgt Ion: 117 Resp: 295436
Ion Ratio Lower Upper
117 100
82 50.0 42.4 63.6
119 32.8 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1

Delta R.T. 0.006 min

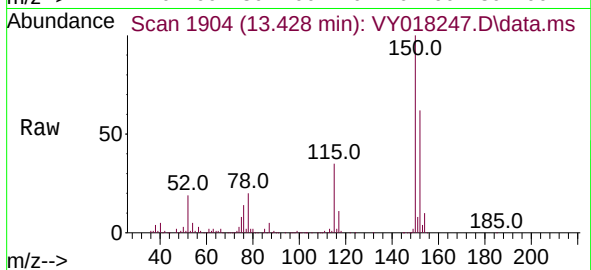
Lab File: VY018247.D

Acq: 13 May 2024 17:23

Instrument :

MSVOA_Y

ClientSampleId :



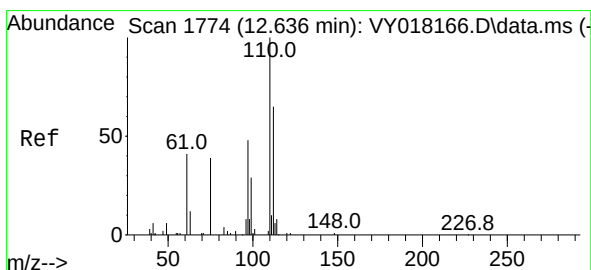
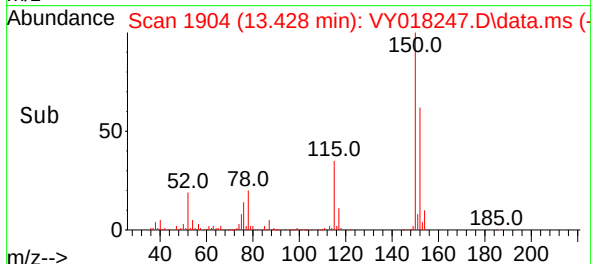
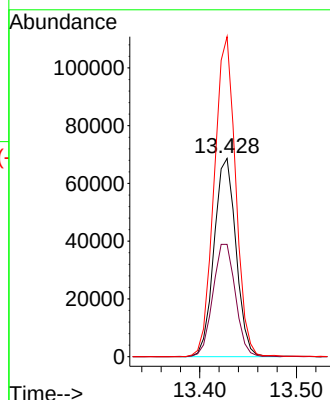
Tgt Ion:152 Resp: 108109

Ion Ratio Lower Upper

152 100

115 58.4 28.2 84.7

150 157.8 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 65.618 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.158 min

Lab File: VY018247.D

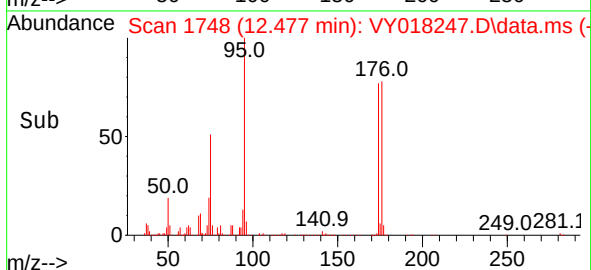
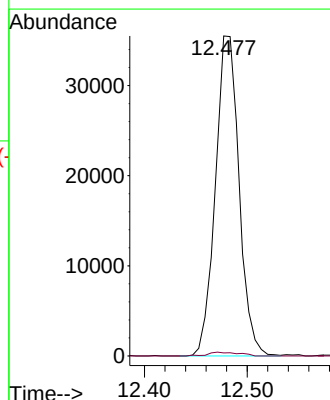
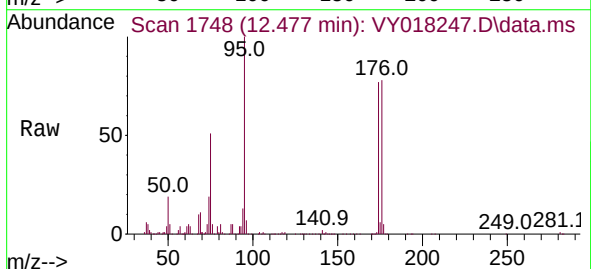
Acq: 13 May 2024 17:23

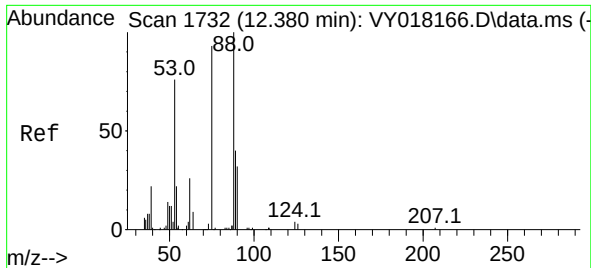
Tgt Ion: 75 Resp: 56782

Ion Ratio Lower Upper

75 100

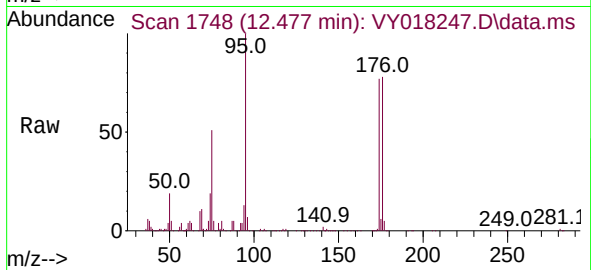
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.424 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY018247.D
 Acq: 13 May 2024 17:23

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#

