

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050124\
 Data File : VY018101.D
 Acq On : 01 May 2024 16:39
 Operator : SY/MD
 Sample : P2310-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 02 05:50:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

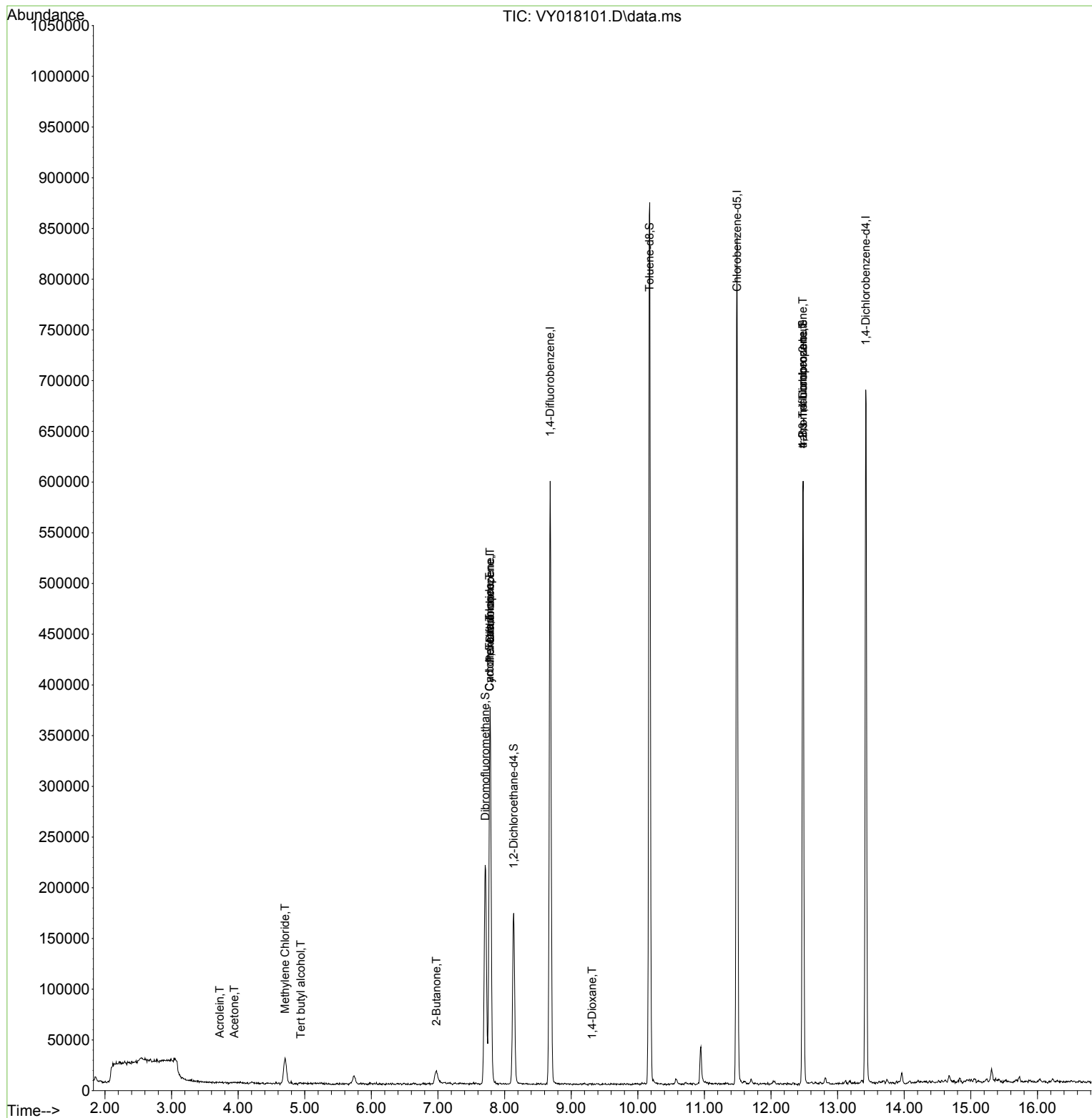
Internal Standards						
1) Pentafluorobenzene	7.783	168	309720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	543390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	474319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	190795	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	123774	50.699	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.400%	
35) Dibromofluoromethane	7.710	113	158198	50.661	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.320%	
50) Toluene-d8	10.179	98	593241	48.663	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.320%	
62) 4-Bromofluorobenzene	12.477	95	193013	46.006	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.020%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	495	2.488	ug/l #	34
13) Acrolein	3.723	56	310	1.047	ug/l	89
16) Acetone	3.942	43	1041	2.238	ug/l #	68
20) Methylene Chloride	4.704	84	21360	6.554	ug/l	96
25) 2-Butanone	6.978	43	1401	1.936	ug/l	91
31) Cyclohexane	7.777	56	5908	1.263	ug/l #	11
36) 1,1-Dichloropropene	7.783	75	21439	5.143	ug/l #	50
38) Carbon Tetrachloride	7.777	117	28225	5.966	ug/l #	17
49) 1,4-Dioxane	9.313	88	23	1.167	ug/l #	61
76) 1,2,3-Trichloropropane	12.477	75	91393	57.076	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	91393	103.979	ug/l #	16

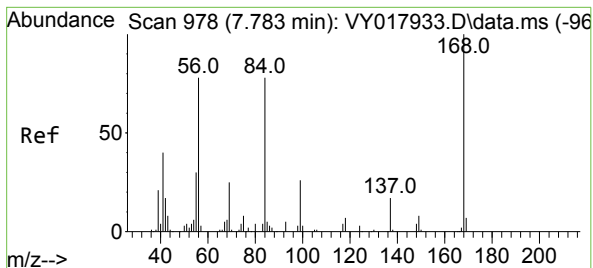
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050124\
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MSVOA_Y
ClientSampleId :

Quant Time: May 02 05:50:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
Quant Title : SW846 8260
QLast Update : Wed May 01 16:21:20 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY018101.D

Acq: 01 May 2024 16:39

Instrument :

MSVOA_Y

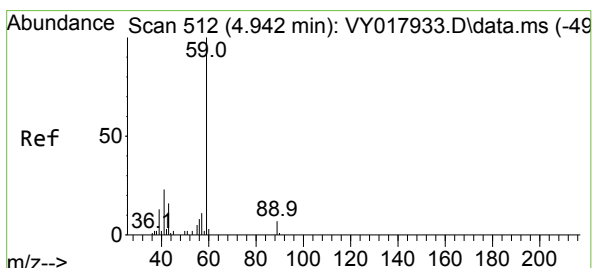
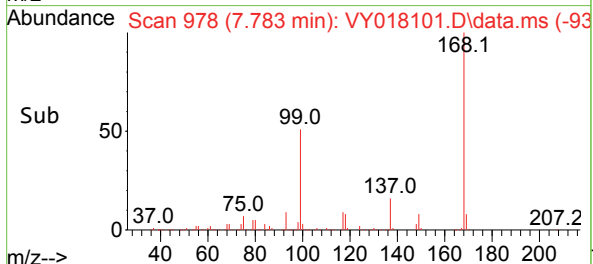
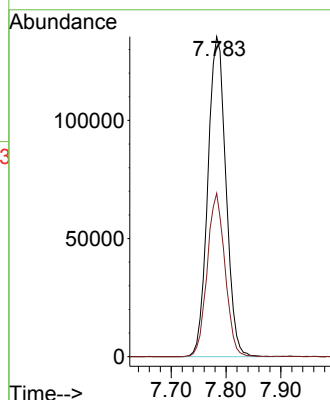
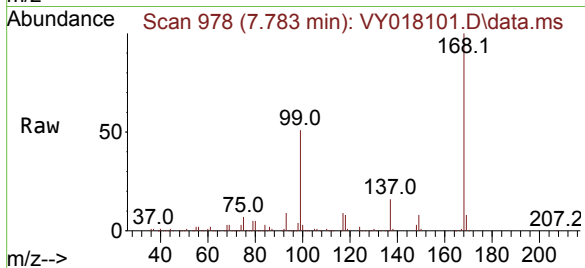
ClientSampleId :

Tgt Ion:168 Resp: 309720

Ion Ratio Lower Upper

168 100

99 51.0 39.1 58.7



#11

Tert butyl alcohol

Concen: 2.488 ug/l

RT: 4.942 min Scan# 512

Delta R.T. -0.012 min

Lab File: VY018101.D

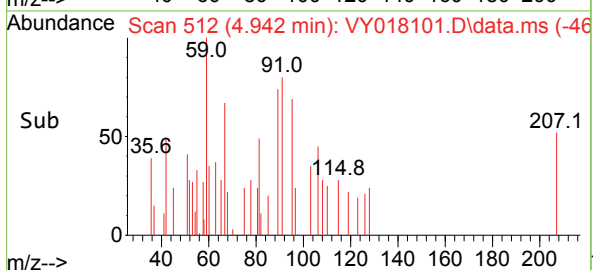
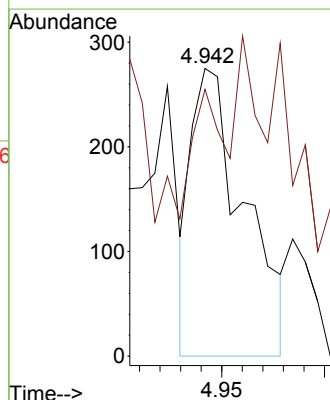
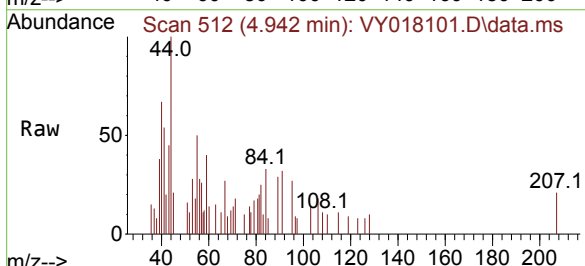
Acq: 01 May 2024 16:39

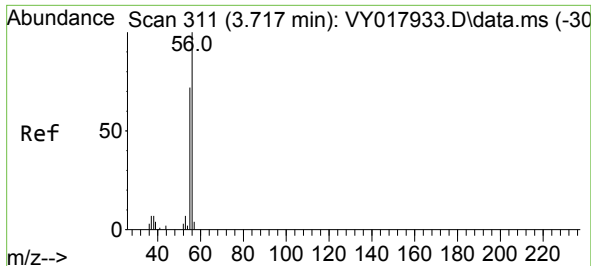
Tgt Ion: 59 Resp: 495

Ion Ratio Lower Upper

59 100

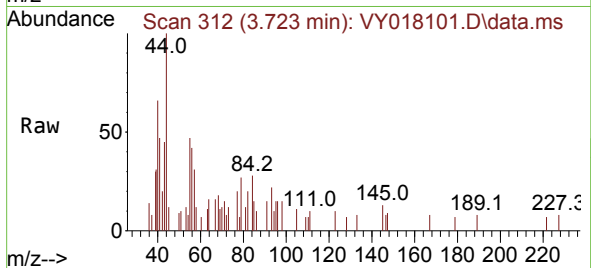
57 25.5 3.0 4.6#



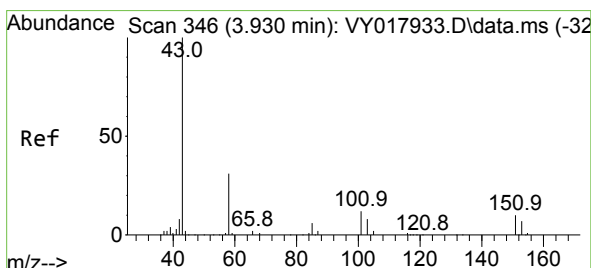
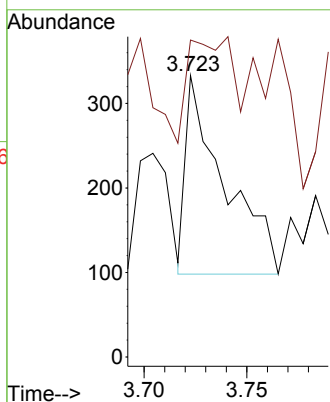
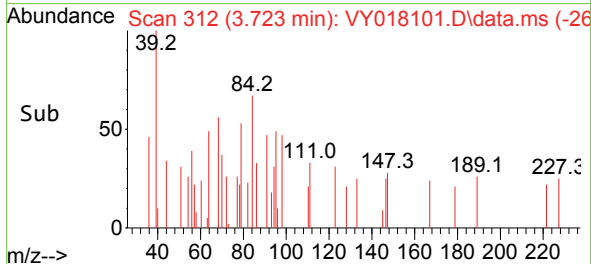


#13
Acrolein
Concen: 1.047 ug/l
RT: 3.723 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY018101.D
Acq: 01 May 2024 16:39

Instrument :
MSVOA_Y
ClientSampleId :

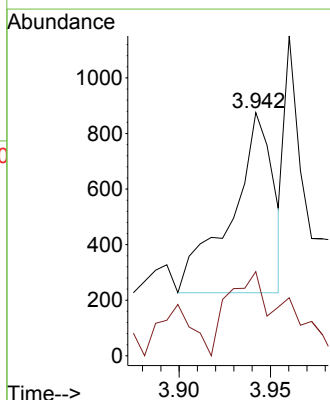
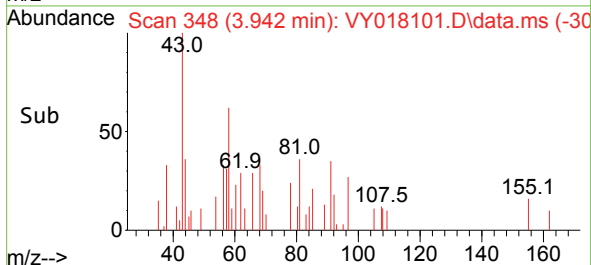
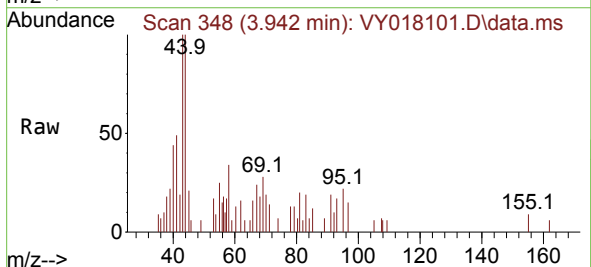


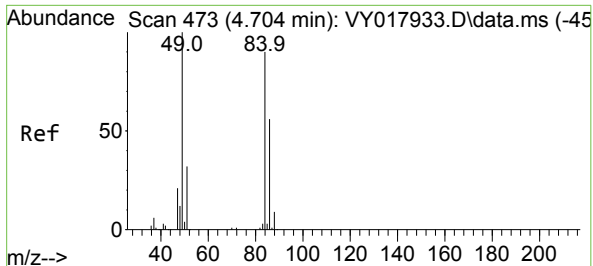
Tgt Ion: 56 Resp: 310
Ion Ratio Lower Upper
56 100
55 60.3 55.7 83.5



#16
Acetone
Concen: 2.238 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY018101.D
Acq: 01 May 2024 16:39

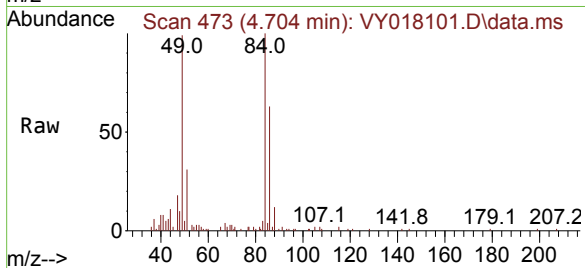
Tgt Ion: 43 Resp: 1041
Ion Ratio Lower Upper
43 100
58 19.8 31.7 47.5#



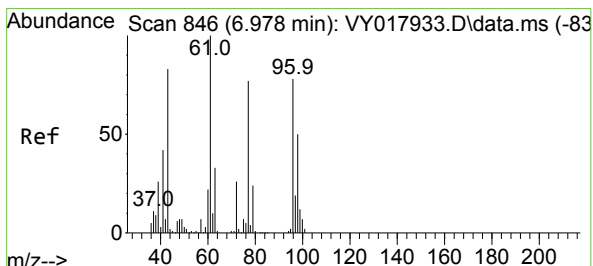
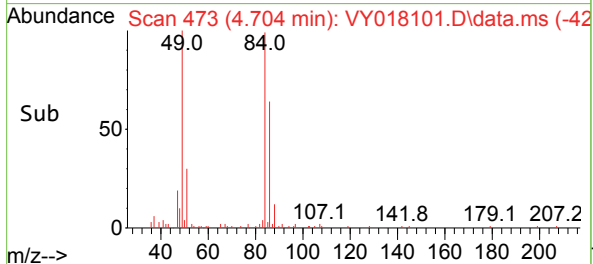
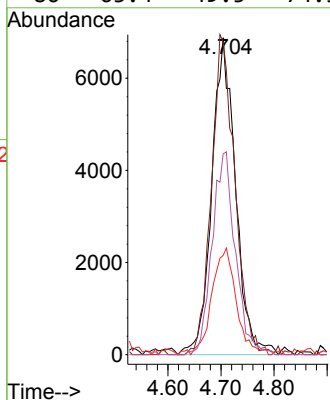


#20
Methylene Chloride
Concen: 6.554 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY018101.D
Acq: 01 May 2024 16:39

Instrument :
MSVOA_Y
ClientSampleId :

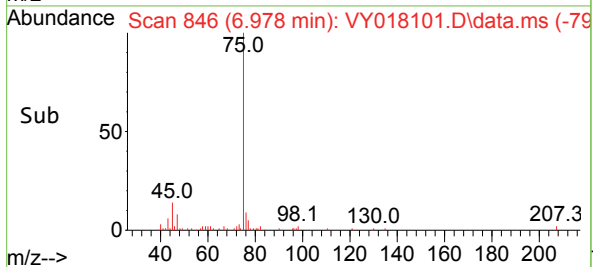
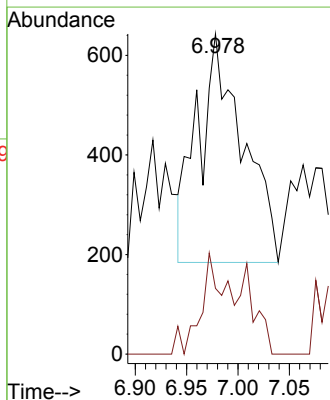
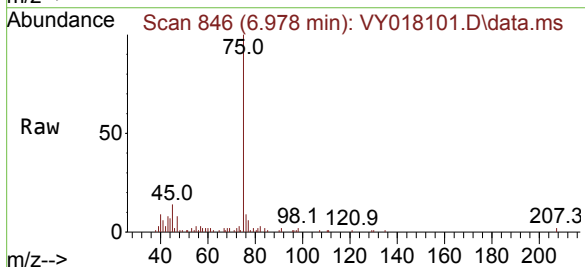


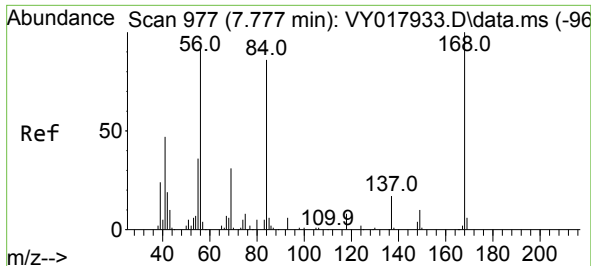
Tgt Ion:	84	Resp:	21360
Ion	Ratio	Lower	Upper
84	100		
49	98.7	84.4	126.6
51	31.3	26.0	39.0
86	63.4	49.5	74.3



#25
2-Butanone
Concen: 1.936 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY018101.D
Acq: 01 May 2024 16:39

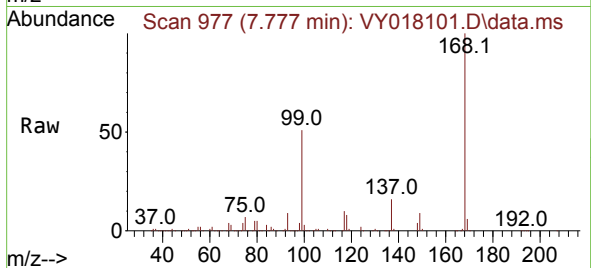
Tgt Ion:	43	Resp:	1401
Ion	Ratio	Lower	Upper
43	100		
72	28.8	27.3	40.9



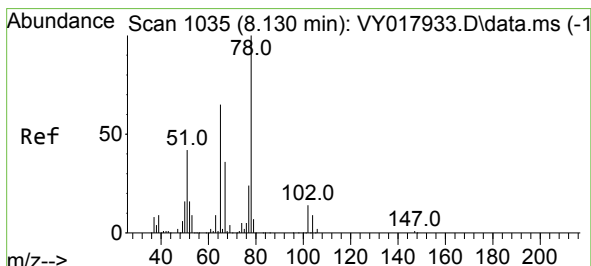
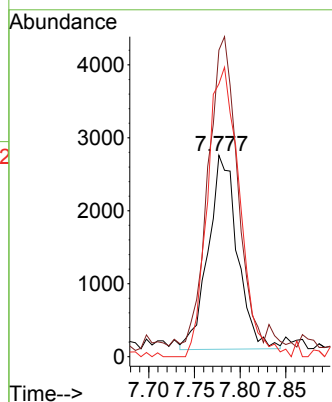
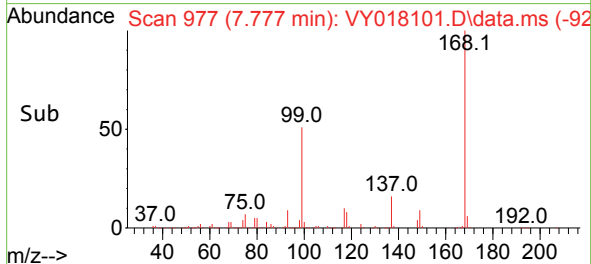


#31
Cyclohexane
Concen: 1.263 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018101.D
Acq: 01 May 2024 16:39

Instrument :
MSVOA_Y
ClientSampleId :

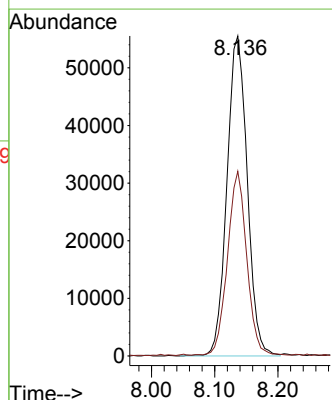
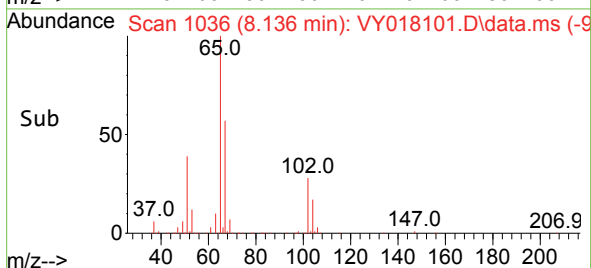
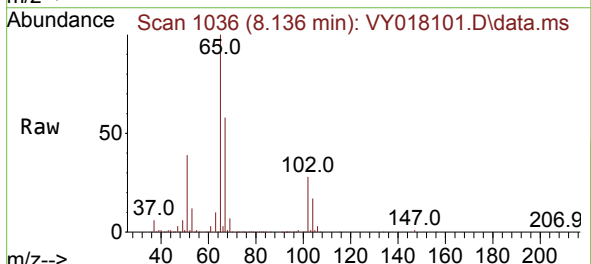


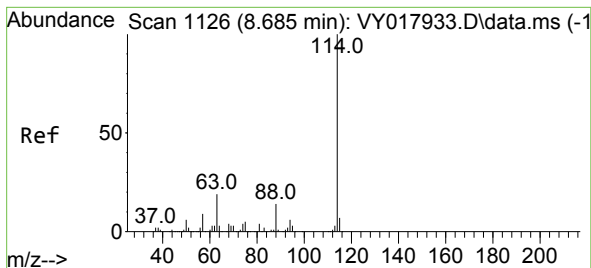
Tgt Ion: 56 Resp: 5908
Ion Ratio Lower Upper
56 100
69 154.2 28.7 43.1#
84 143.3 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 50.699 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018101.D
Acq: 01 May 2024 16:39

Tgt Ion: 65 Resp: 123774
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY018101.D

Acq: 01 May 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

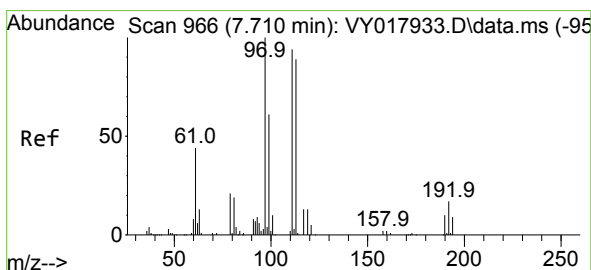
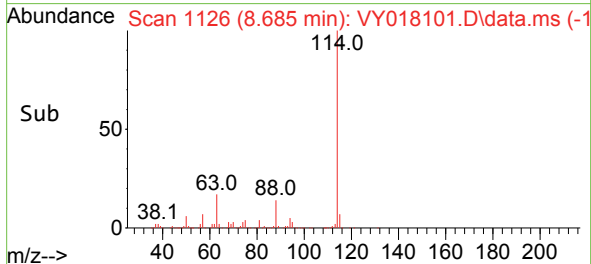
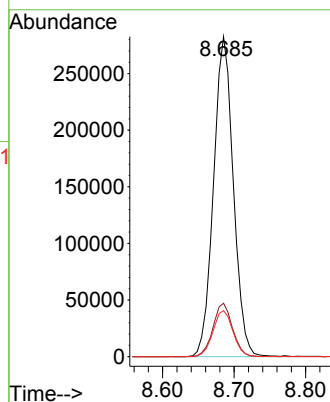
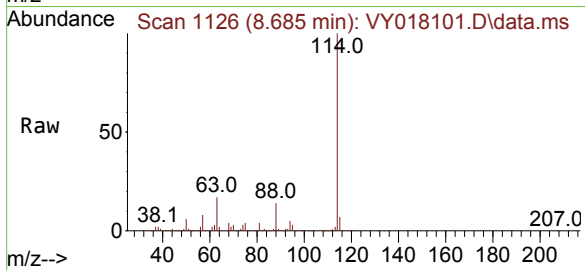
Tgt Ion:114 Resp: 543390

Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

88 14.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.661 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.012 min

Lab File: VY018101.D

Acq: 01 May 2024 16:39

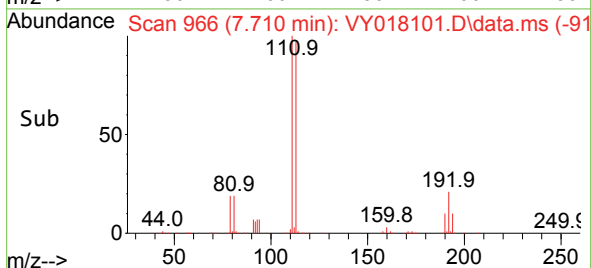
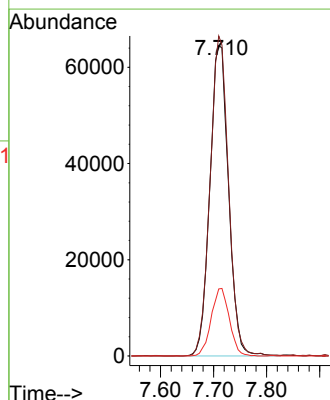
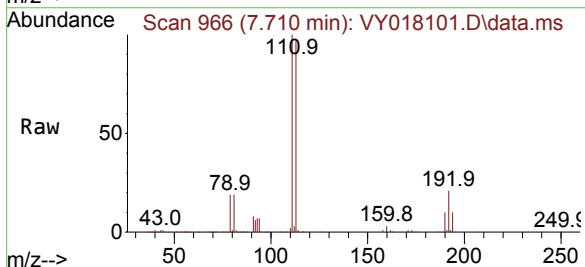
Tgt Ion:113 Resp: 158198

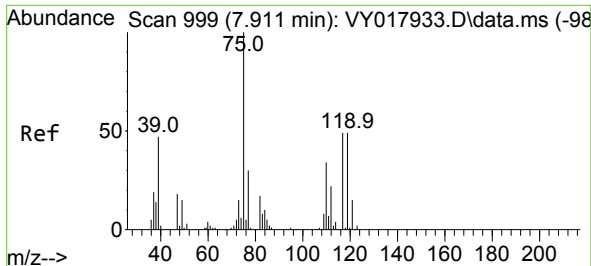
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

192 21.1 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.143 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

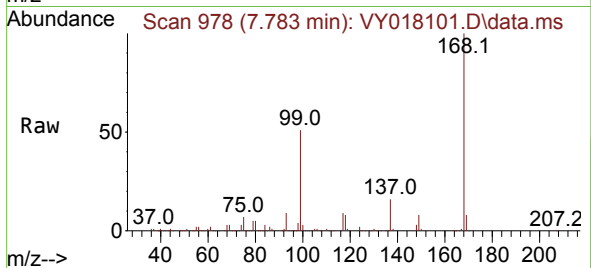
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Acq: 01 May 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :



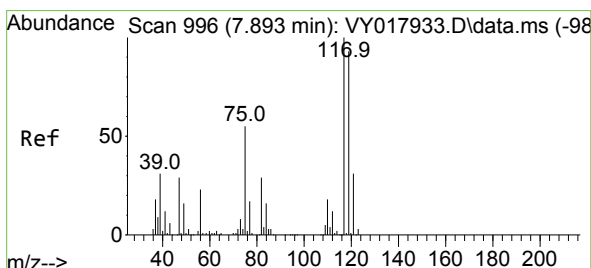
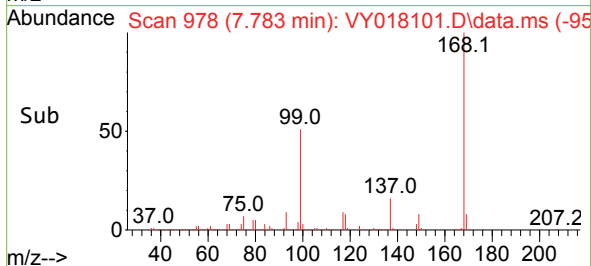
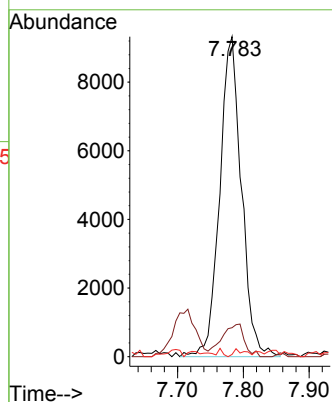
Tgt Ion: 75 Resp: 21439

Ion Ratio Lower Upper

75 100

110 10.6 19.0 57.0#

77 1.3 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.966 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.128 min

Lab File: VY018101.D

Acq: 01 May 2024 16:39

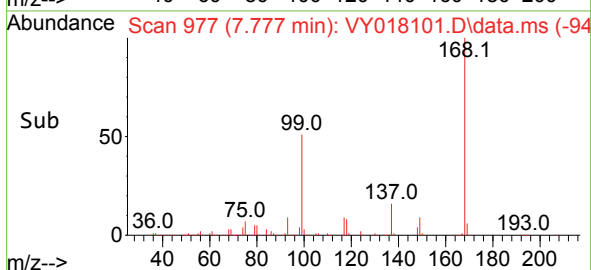
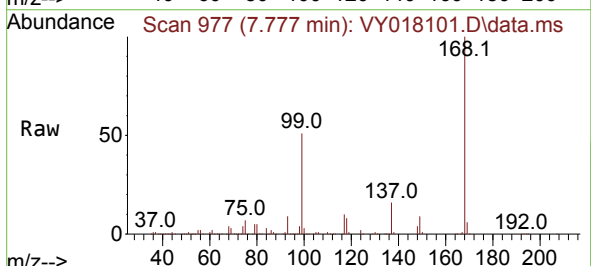
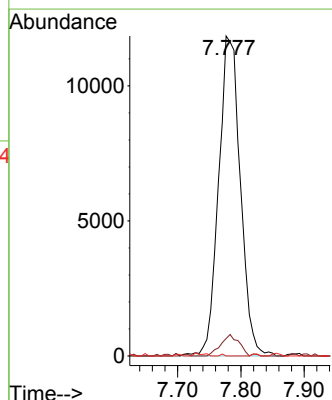
Tgt Ion: 117 Resp: 28225

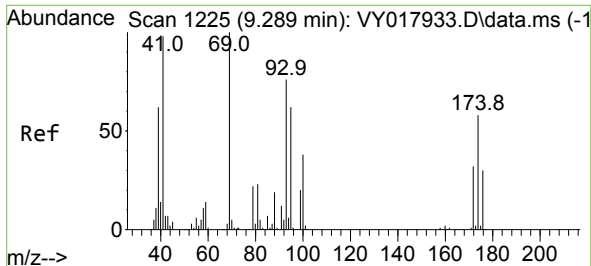
Ion Ratio Lower Upper

117 100

119 5.4 75.8 113.6#

121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 1.167 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.012 min

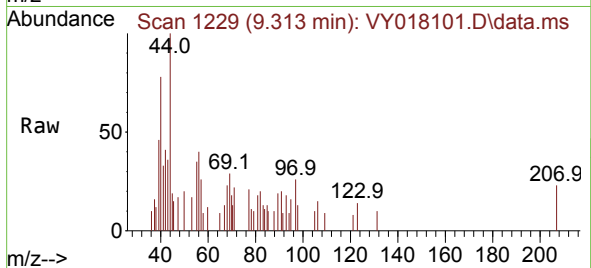
Lab File: VY018101.D

Acq: 01 May 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :



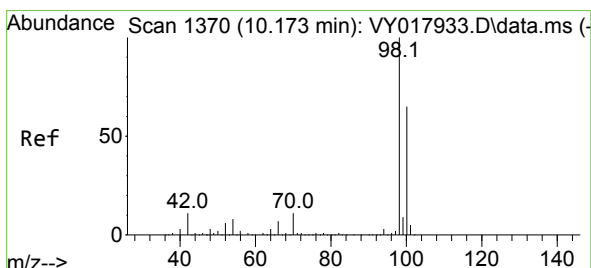
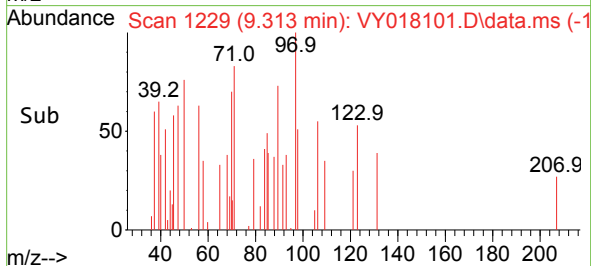
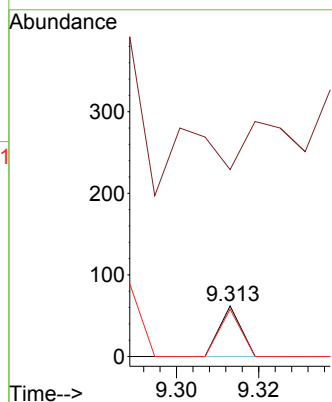
Tgt Ion: 88 Resp: 23

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 91.3 49.3 73.9#



#50

Toluene-d8

Concen: 48.663 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY018101.D

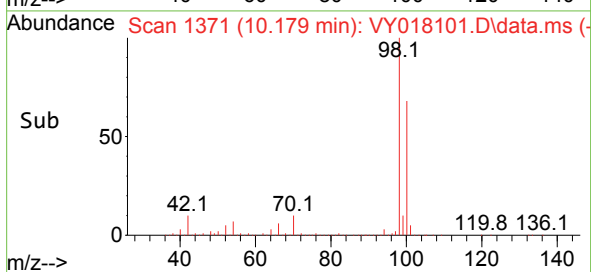
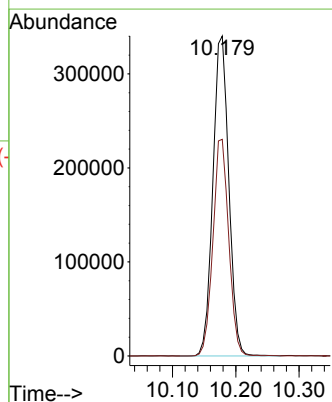
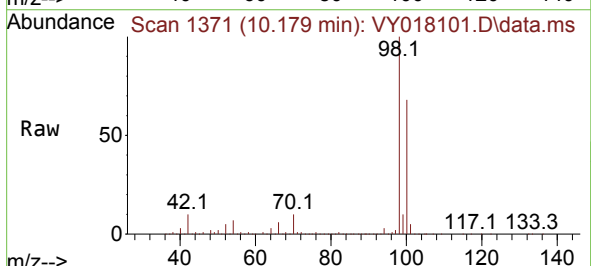
Acq: 01 May 2024 16:39

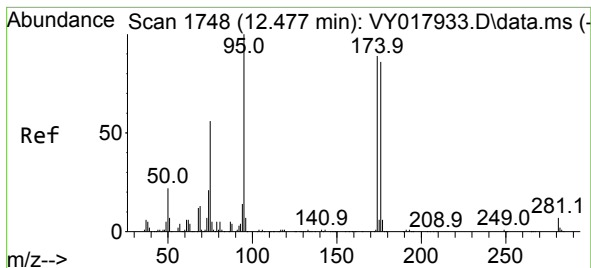
Tgt Ion: 98 Resp: 593241

Ion Ratio Lower Upper

98 100

100 67.3 52.0 78.0

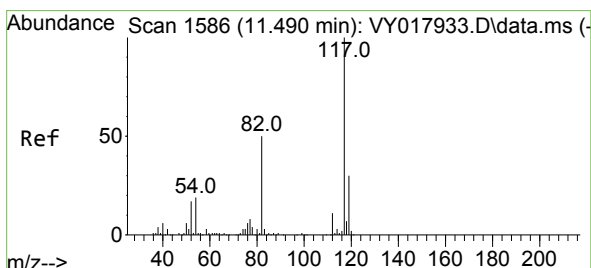
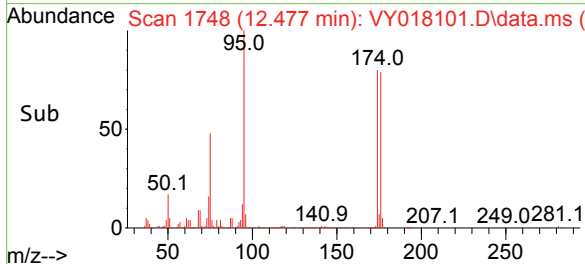
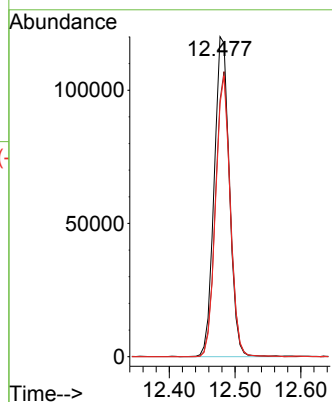
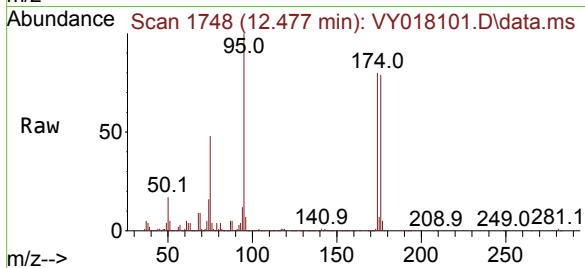




#62
4-Bromofluorobenzene
Concen: 46.006 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018101.D
Acq: 01 May 2024 16:39

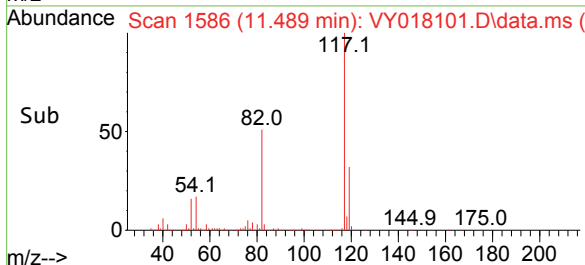
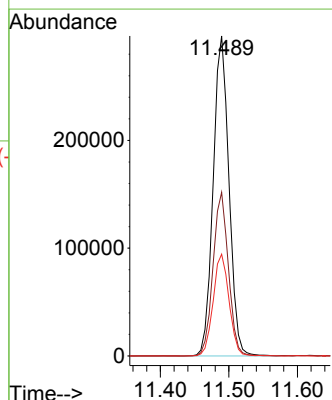
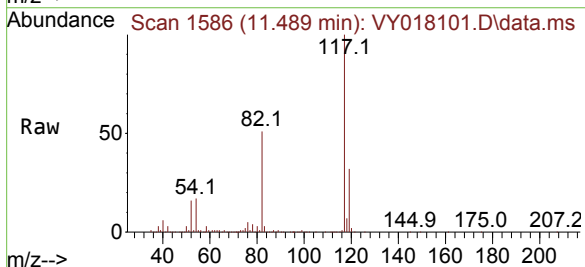
Instrument :
MSVOA_Y
ClientSampleId :

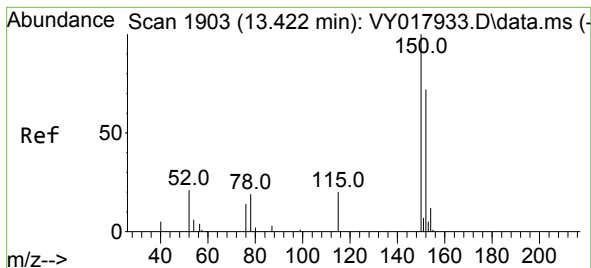
Tgt Ion: 95 Resp: 193013
Ion Ratio Lower Upper
95 100
174 86.6 0.0 175.6
176 84.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018101.D
Acq: 01 May 2024 16:39

Tgt Ion: 117 Resp: 474319
Ion Ratio Lower Upper
117 100
82 51.1 42.4 63.6
119 31.8 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY018101.D

Acq: 01 May 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

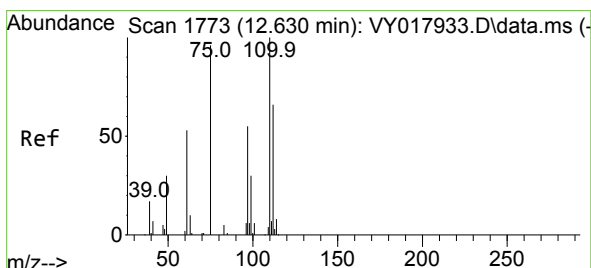
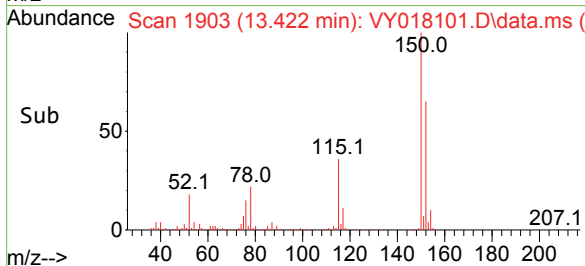
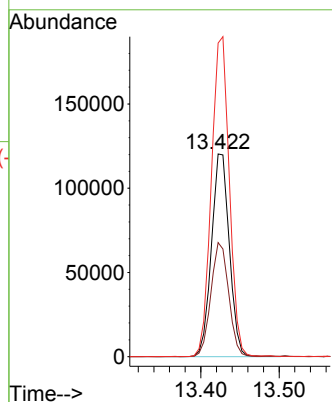
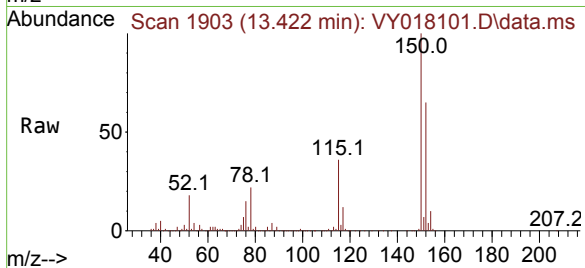
Tgt Ion:152 Resp: 190795

Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

150 158.2 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 57.076 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.159 min

Lab File: VY018101.D

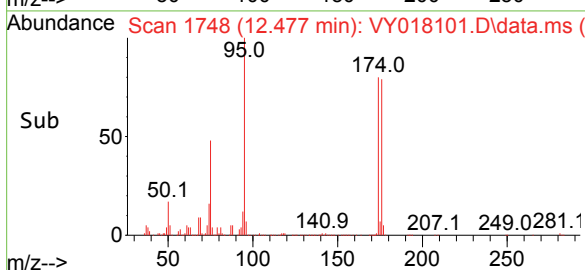
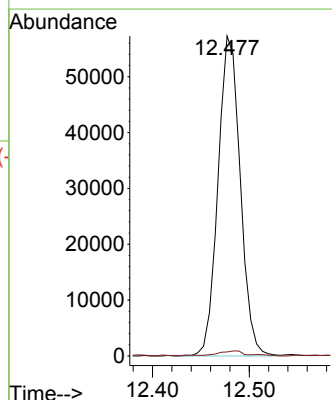
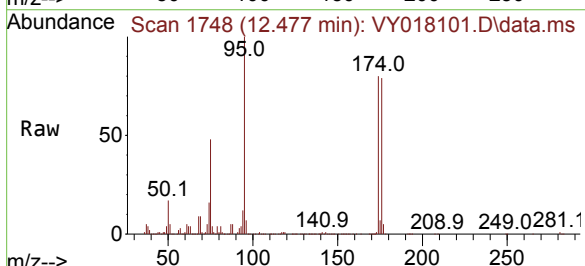
Acq: 01 May 2024 16:39

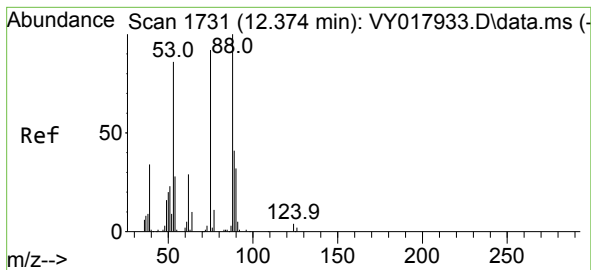
Tgt Ion: 75 Resp: 91393

Ion Ratio Lower Upper

75 100

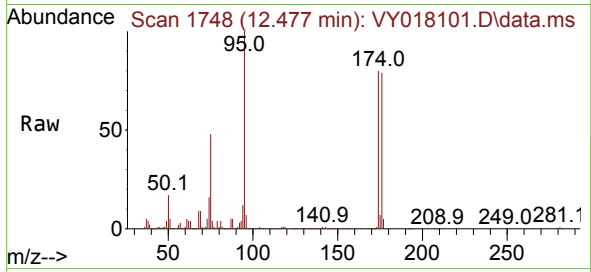
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 103.979 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY018101.D
Acq: 01 May 2024 16:39

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.2	66.8	100.2#
89	0.2	35.8	53.6#

