

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051024\
 Data File : VY018226.D
 Acq On : 10 May 2024 12:03
 Operator : SY/MD
 Sample : VY0510SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 11 00:53:16 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)

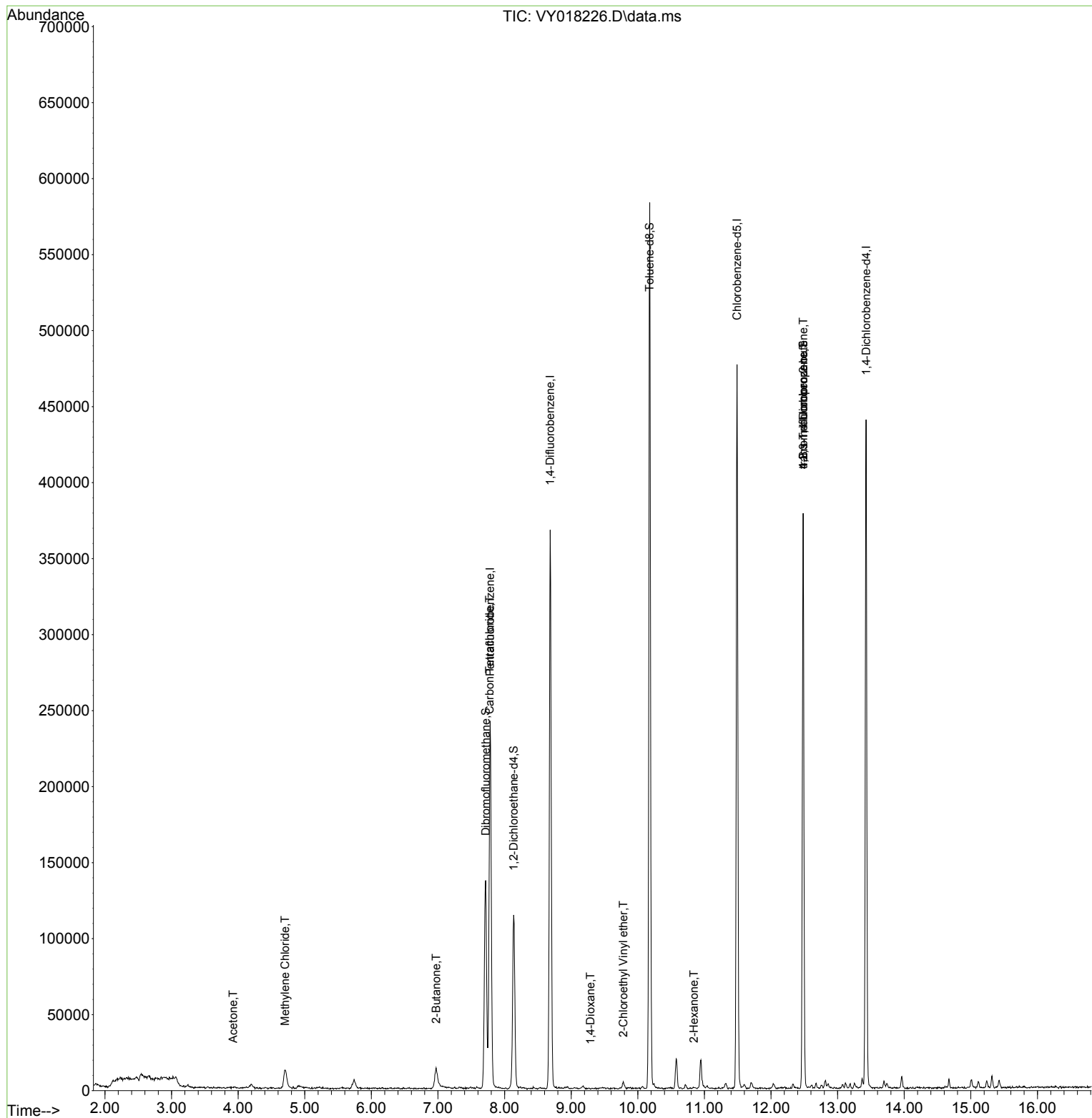
Internal Standards						
1) Pentafluorobenzene	7.783	168	193405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	328642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	269513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	83303	58.548	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.100%	
35) Dibromofluoromethane	7.716	113	98645	57.114	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.220%	
50) Toluene-d8	10.179	98	381922	56.115	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.220%	
62) 4-Bromofluorobenzene	12.483	95	116007	52.779	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.560%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.911	59	999	Below Cal	#	88
13) Acrolein	3.716	56	327	Below Cal		88
16) Acetone	3.924	43	559	1.969	ug/l	91
20) Methylene Chloride	4.704	84	10355	5.160	ug/l	94
25) 2-Butanone	6.972	43	545	1.201	ug/l #	41
31) Cyclohexane	7.789	56	4407	Below Cal	#	2
38) Carbon Tetrachloride	7.777	117	18331	6.776	ug/l #	16
49) 1,4-Dioxane	9.289	88	49	3.688	ug/l #	20
58) 2-Chloroethyl Vinyl ether	9.782	63	1787	2.004	ug/l	89
59) 2-Hexanone	10.843	43	785	1.046	ug/l	73
76) 1,2,3-Trichloropropane	12.483	75	56913	61.658	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	56913	118.794	ug/l #	16

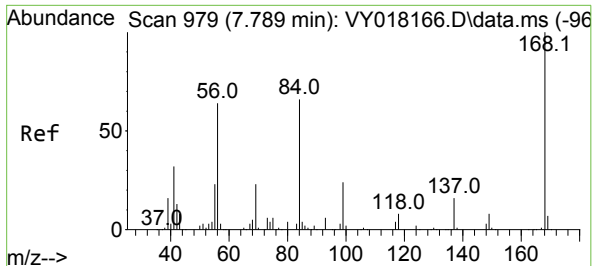
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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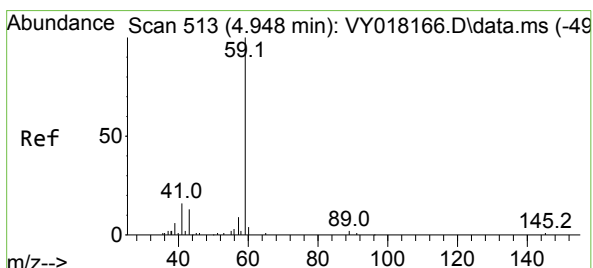
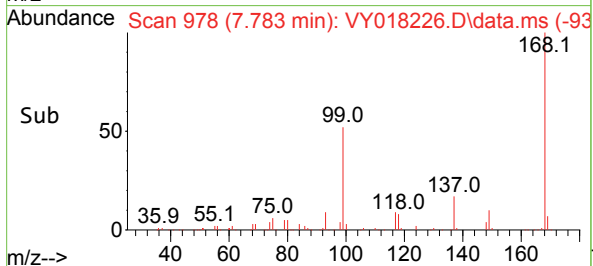
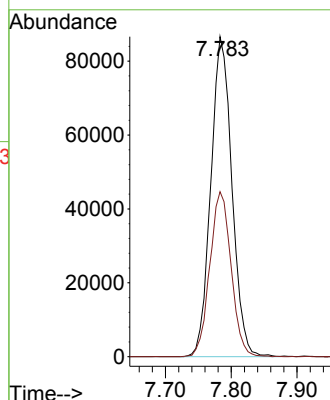
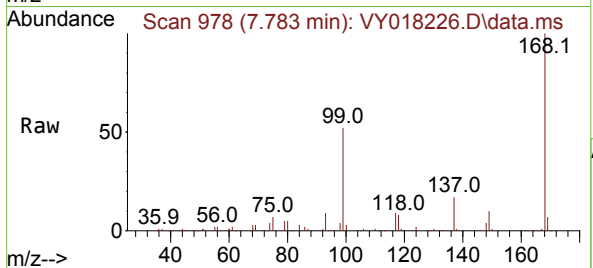




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018226.D
Acq: 10 May 2024 12:03

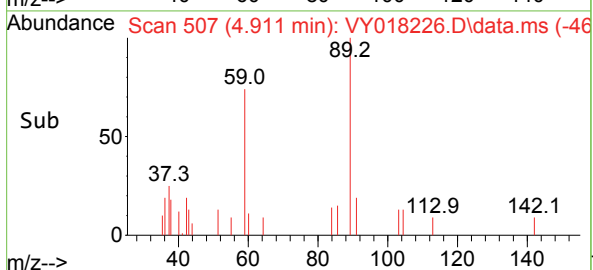
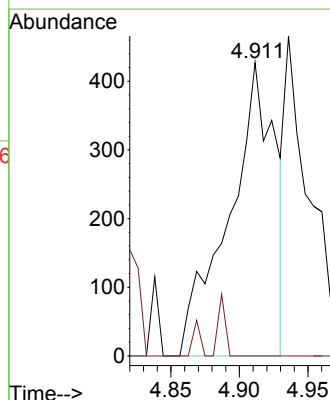
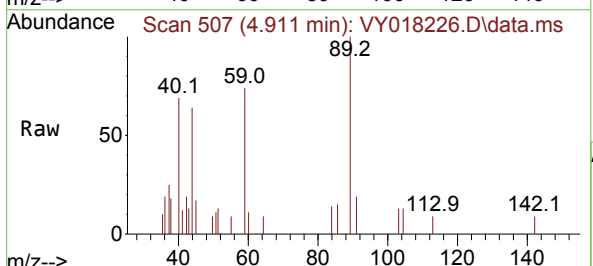
Instrument :
MSVOA_Y
ClientSampleId :

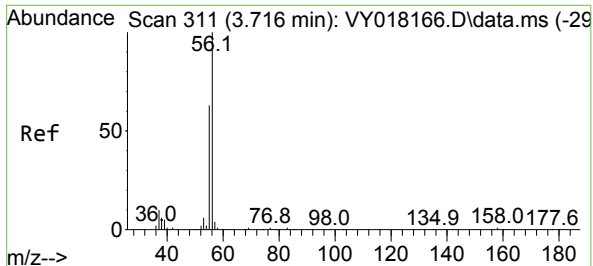
Tgt Ion:168 Resp: 193405
Ion Ratio Lower Upper
168 100
99 51.5 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.911 min Scan# 507
Delta R.T. -0.037 min
Lab File: VY018226.D
Acq: 10 May 2024 12:03

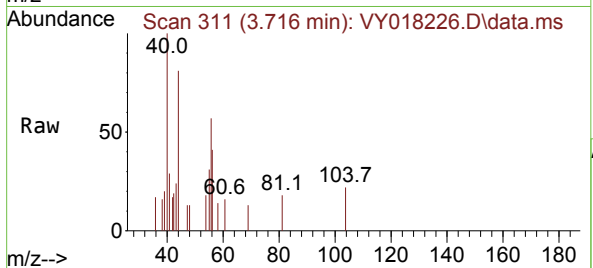
Tgt Ion: 59 Resp: 999
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



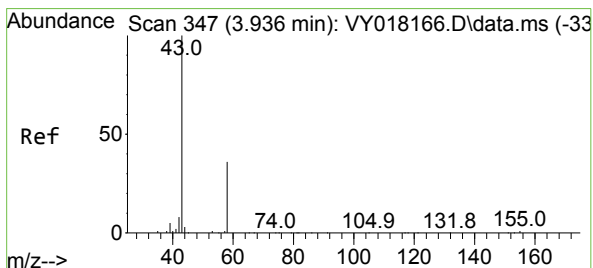
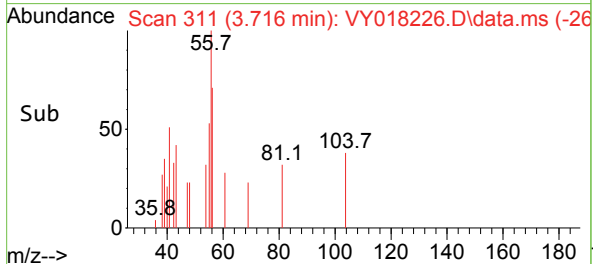
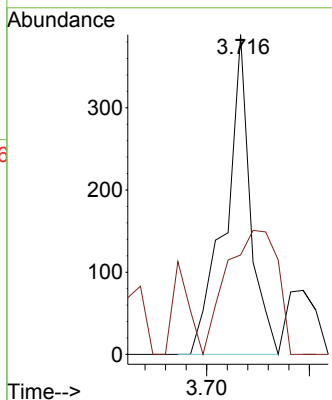


#13
Acrolein
Concen: Below Cal
RT: 3.716 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY018226.D
Acq: 10 May 2024 12:03

Instrument :
MSVOA_Y
ClientSampleId :

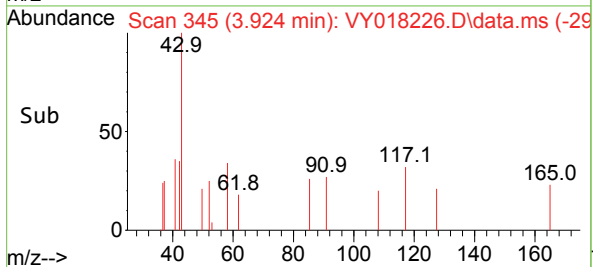
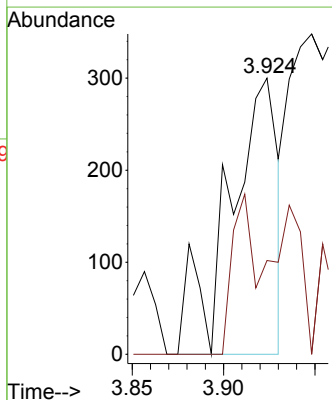
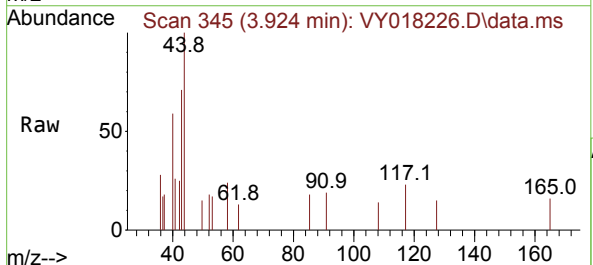


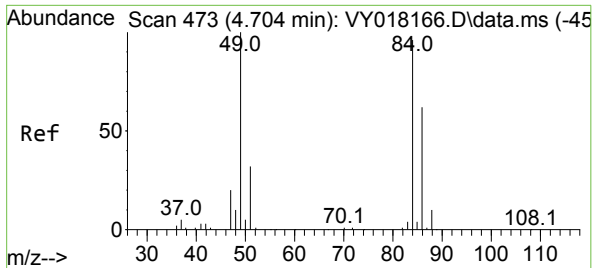
Tgt Ion: 56 Resp: 327
Ion Ratio Lower Upper
56 100
55 79.5 55.7 83.5



#16
Acetone
Concen: 1.969 ug/l
RT: 3.924 min Scan# 345
Delta R.T. -0.012 min
Lab File: VY018226.D
Acq: 10 May 2024 12:03

Tgt Ion: 43 Resp: 559
Ion Ratio Lower Upper
43 100
58 34.0 31.7 47.5

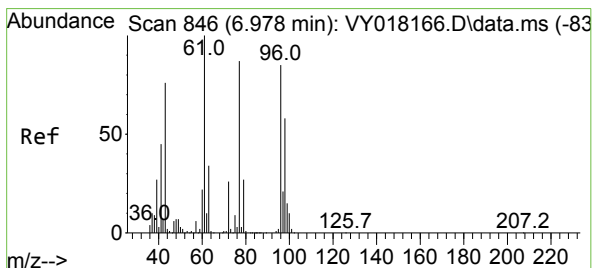
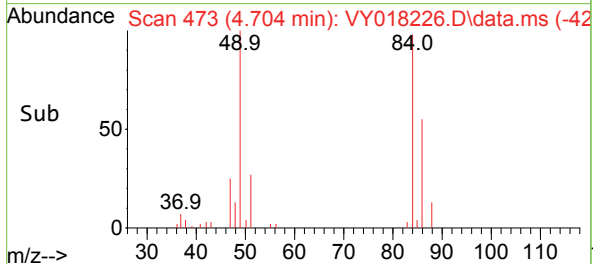
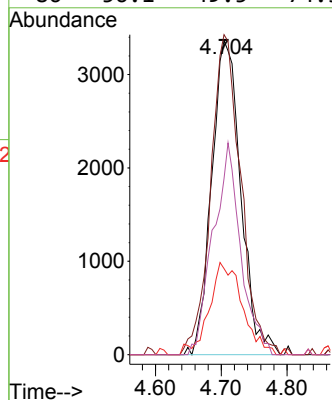
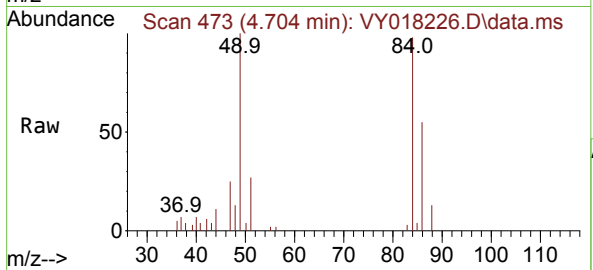




#20
Methylene Chloride
Concen: 5.160 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018226.D
Acq: 10 May 2024 12:03

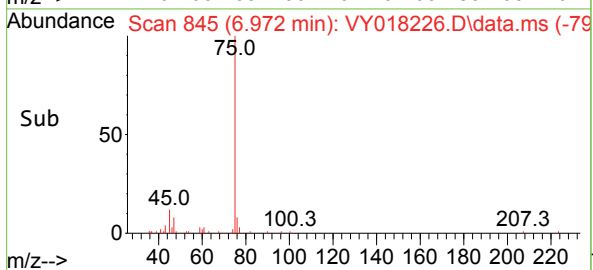
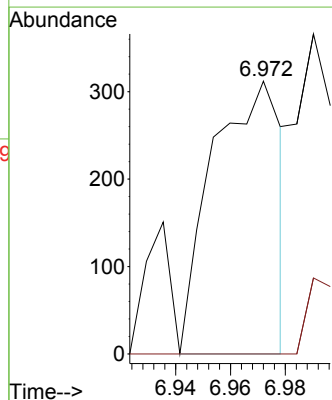
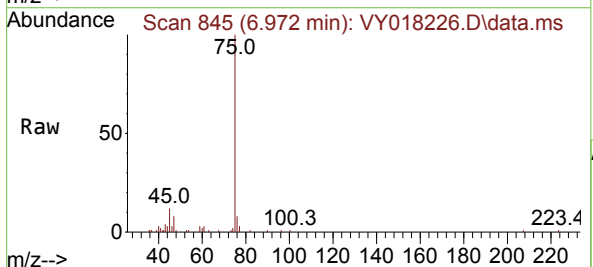
Instrument :
MSVOA_Y
ClientSampleId :

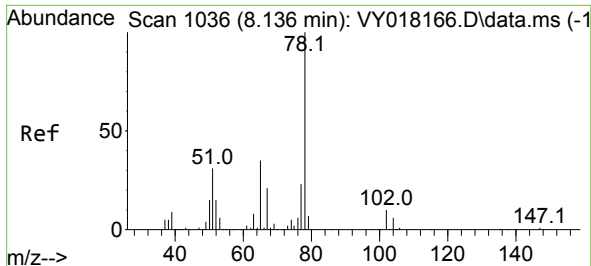
Tgt Ion:	84	Resp:	10355
Ion	Ratio	Lower	Upper
84	100		
49	101.9	84.4	126.6
51	27.4	26.0	39.0
86	56.1	49.5	74.3



#25
2-Butanone
Concen: 1.201 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY018226.D
Acq: 10 May 2024 12:03

Tgt Ion:	43	Resp:	545
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#





#33

1,2-Dichloroethane-d4

Concen: 58.548 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY018226.D

Acq: 10 May 2024 12:03

Instrument :

MSVOA_Y

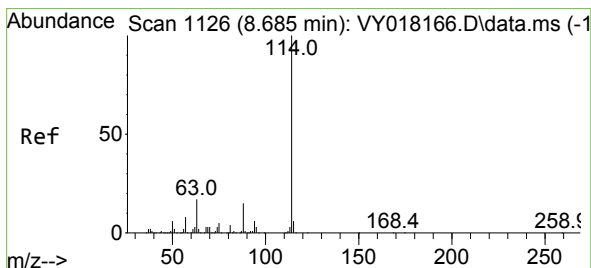
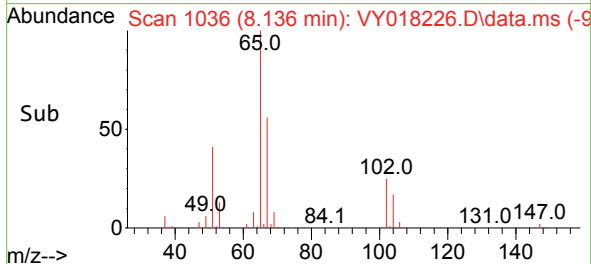
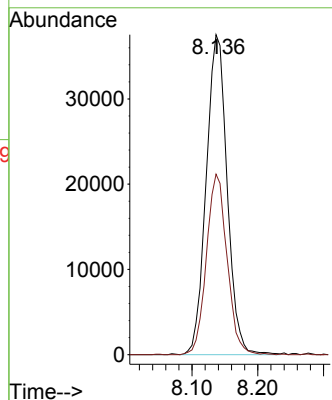
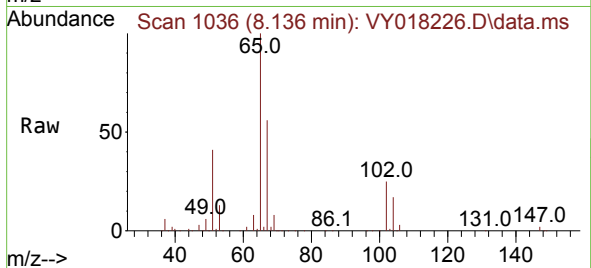
ClientSampleId :

Tgt Ion: 65 Resp: 83303

Ion Ratio Lower Upper

65 100

67 55.5 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: VY018226.D

Acq: 10 May 2024 12:03

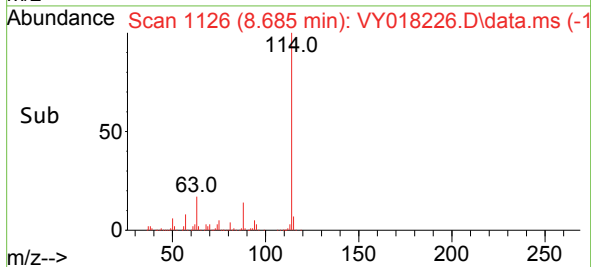
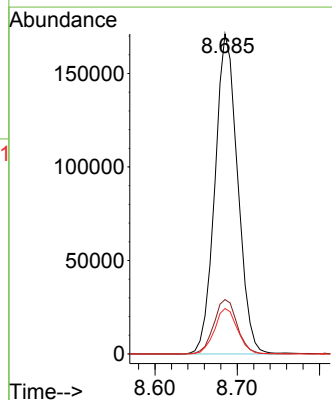
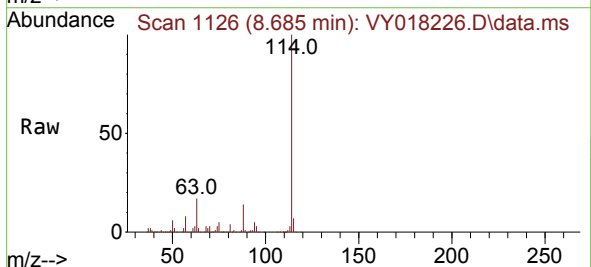
Tgt Ion: 114 Resp: 328642

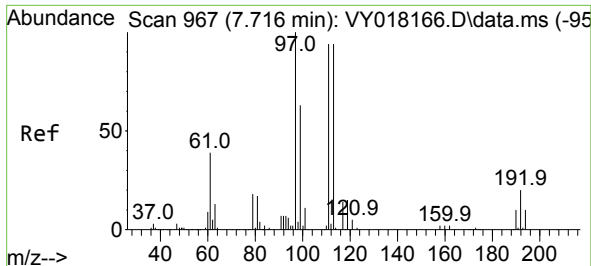
Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

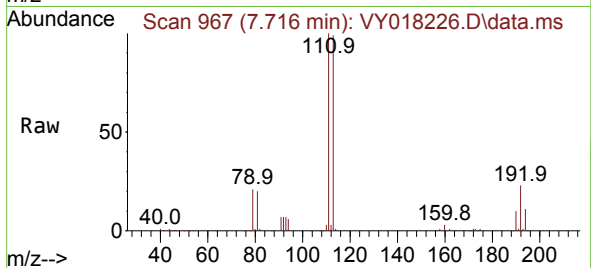
88 14.2 0.0 27.2



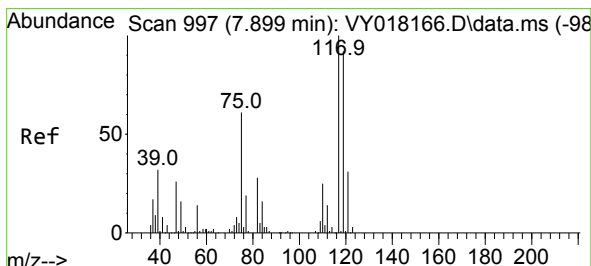
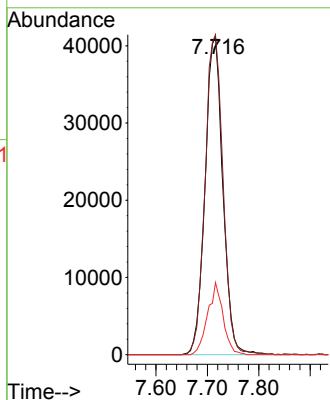
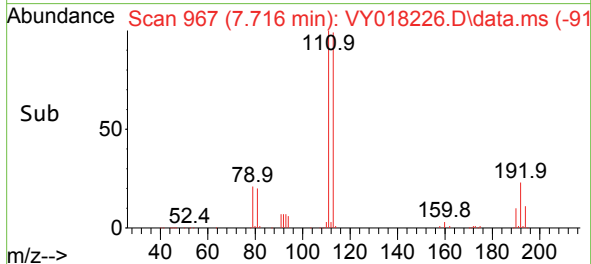


#35
Dibromofluoromethane
Concen: 57.114 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY018226.D
Acq: 10 May 2024 12:03

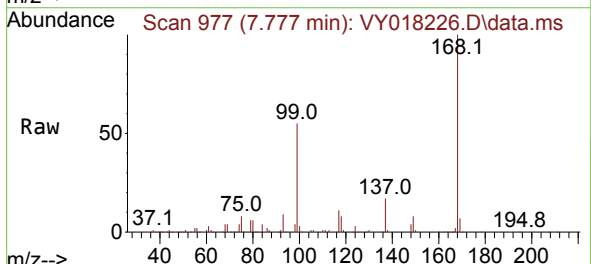
Instrument :
MSVOA_Y
ClientSampleId :



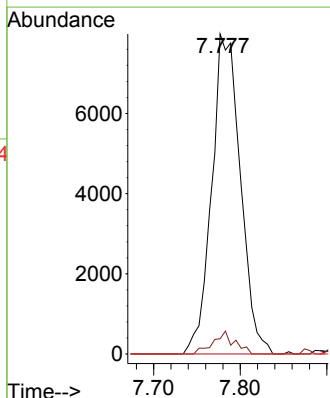
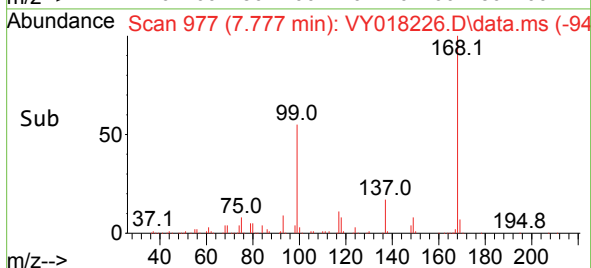
Tgt Ion:113 Resp: 98645
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 19.8 15.9 23.9

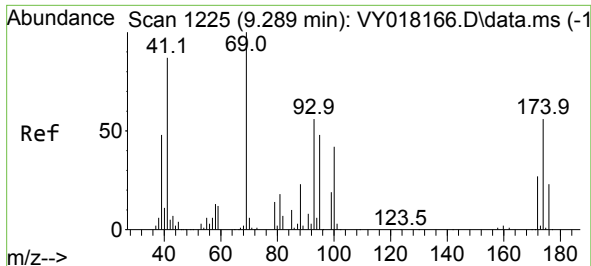


#38
Carbon Tetrachloride
Concen: 6.776 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.122 min
Lab File: VY018226.D
Acq: 10 May 2024 12:03



Tgt Ion:117 Resp: 18331
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.6#
121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 3.688 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. 0.000 min

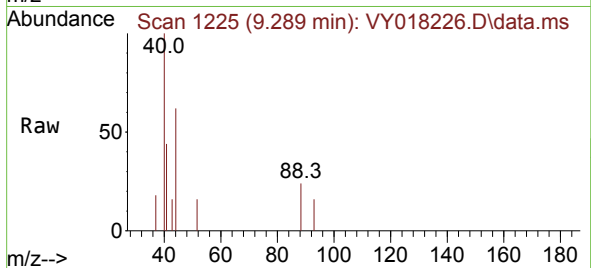
Lab File: VY018226.D

Acq: 10 May 2024 12:03

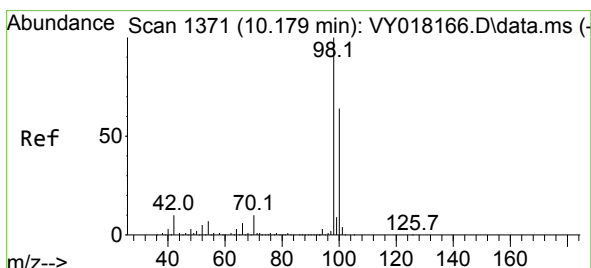
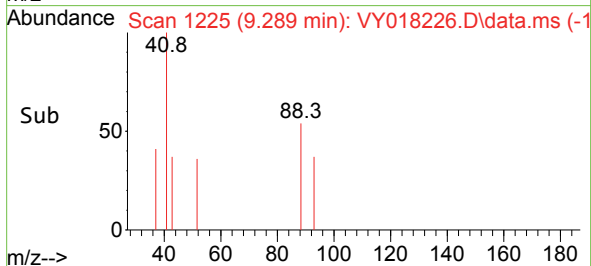
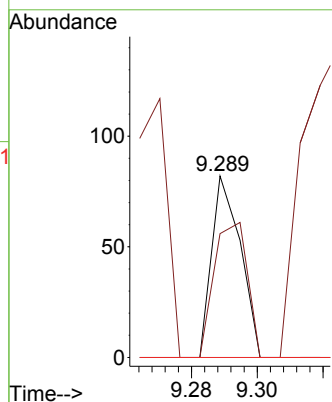
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	88	Resp:	49
Ion	Ratio	Lower	Upper
88	100		
43	87.8	0.0	0.0#
58	0.0	49.3	73.9#



#50

Toluene-d8

Concen: 56.115 ug/l

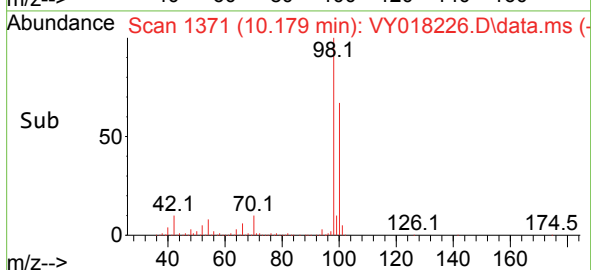
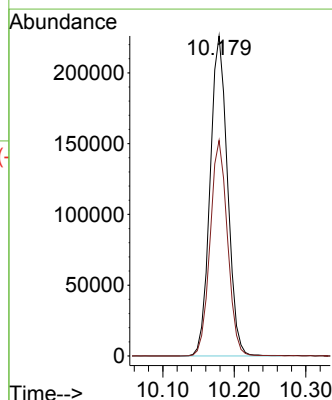
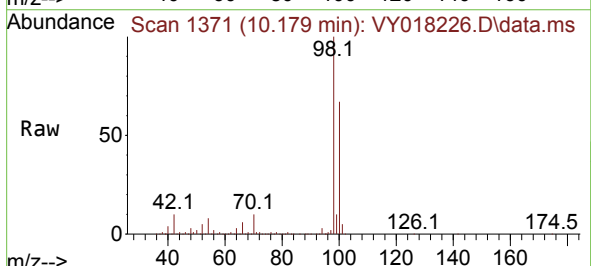
RT: 10.179 min Scan# 1371

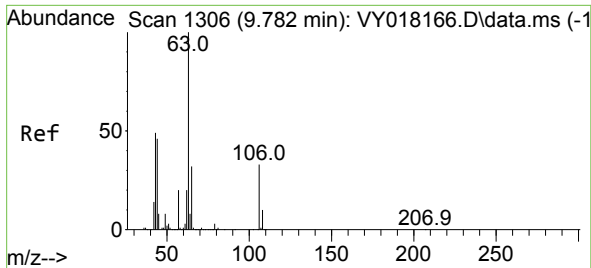
Delta R.T. 0.000 min

Lab File: VY018226.D

Acq: 10 May 2024 12:03

Tgt Ion:	98	Resp:	381922
Ion	Ratio	Lower	Upper
98	100		
100	67.2	52.0	78.0

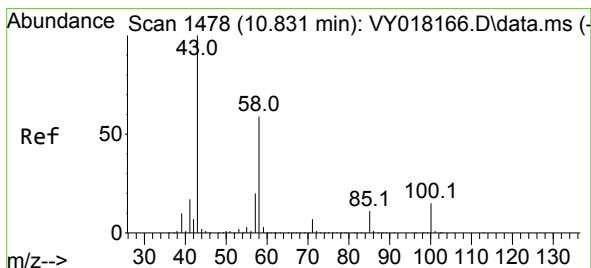
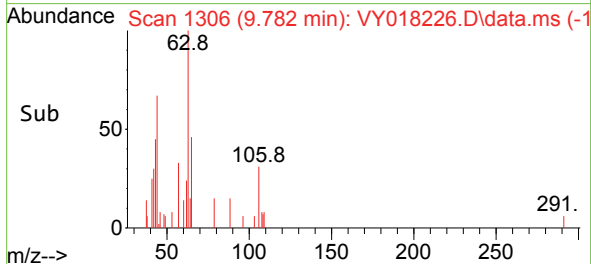
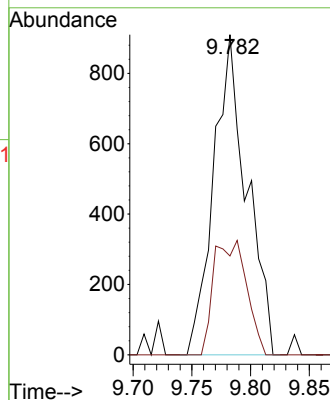
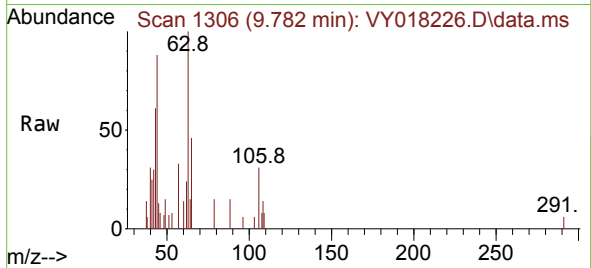




#58
2-Chloroethyl Vinyl ether
Concen: 2.004 ug/l
RT: 9.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018226.D
Acq: 10 May 2024 12:03

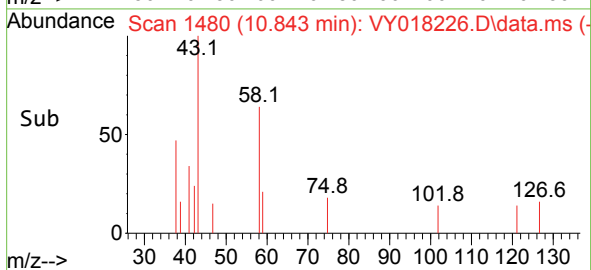
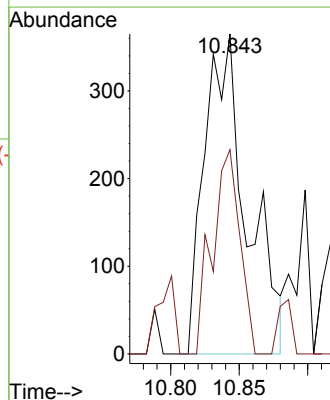
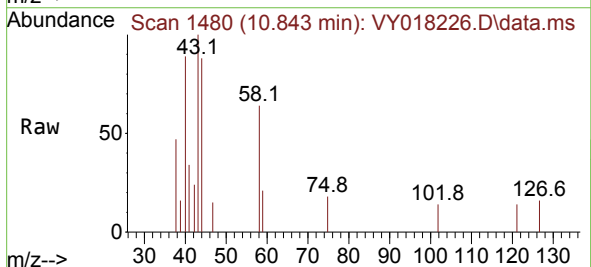
Instrument :
MSVOA_Y
ClientSampleId :

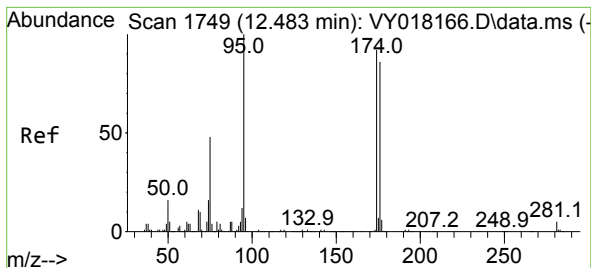
Tgt Ion: 63 Resp: 1787
Ion Ratio Lower Upper
63 100
106 35.3 23.7 35.5



#59
2-Hexanone
Concen: 1.046 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.012 min
Lab File: VY018226.D
Acq: 10 May 2024 12:03

Tgt Ion: 43 Resp: 785
Ion Ratio Lower Upper
43 100
58 41.5 31.4 94.0

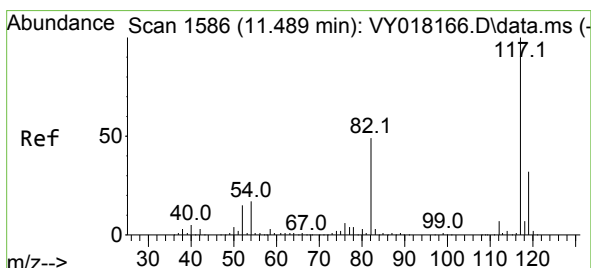
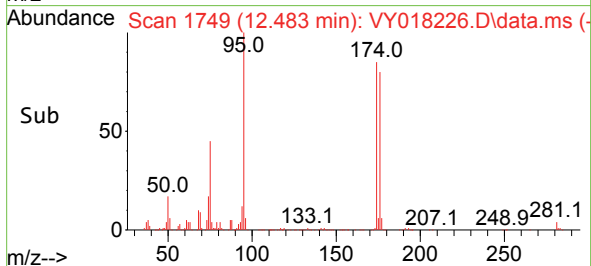
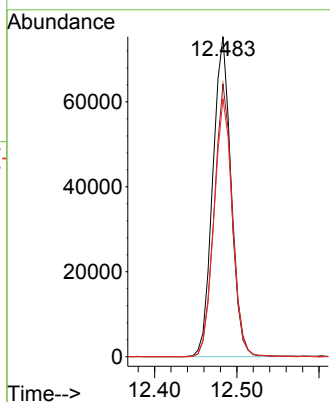
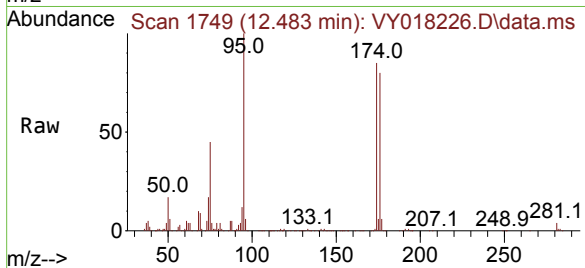




#62
4-Bromofluorobenzene
Concen: 52.779 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018226.D
Acq: 10 May 2024 12:03

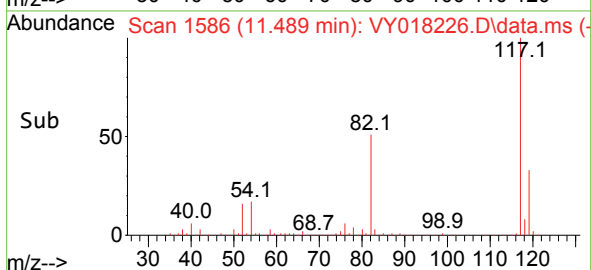
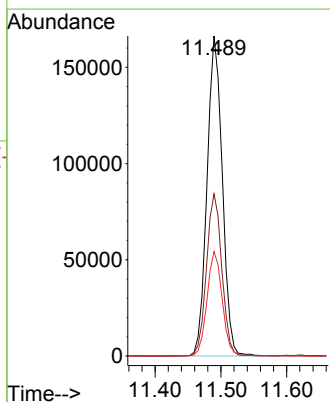
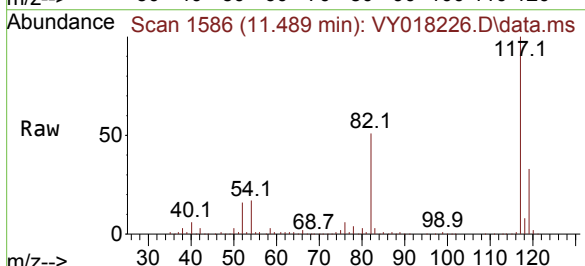
Instrument :
MSVOA_Y
ClientSampleId :

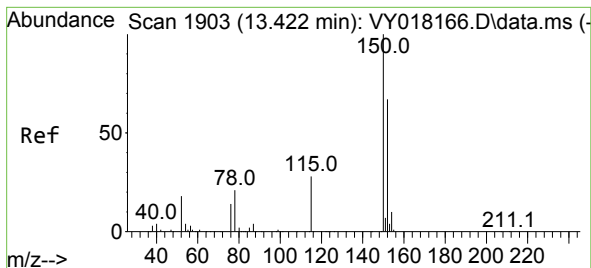
Tgt Ion: 95 Resp: 116007
Ion Ratio Lower Upper
95 100
174 85.3 0.0 175.6
176 81.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018226.D
Acq: 10 May 2024 12:03

Tgt Ion: 117 Resp: 269513
Ion Ratio Lower Upper
117 100
82 50.7 42.4 63.6
119 32.6 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY018226.D

Acq: 10 May 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

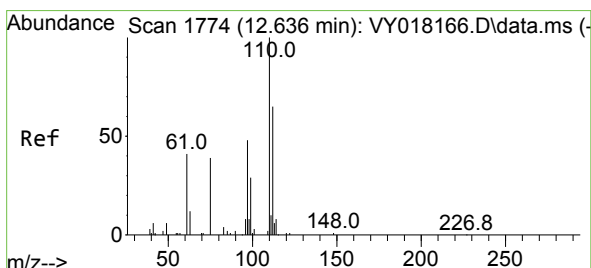
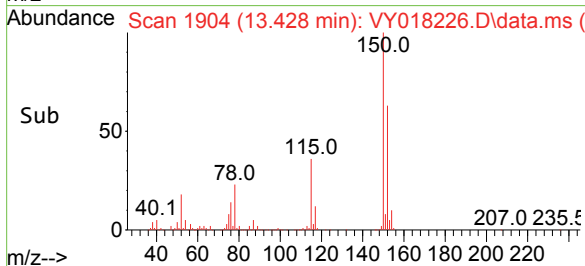
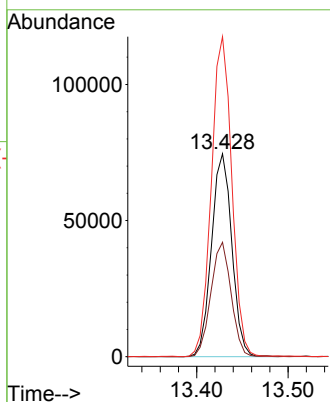
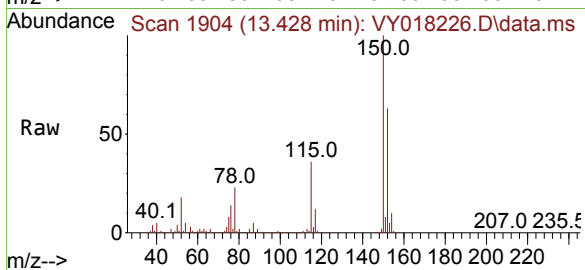
Tgt Ion:152 Resp: 115318

Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

150 158.6 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 61.658 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY018226.D

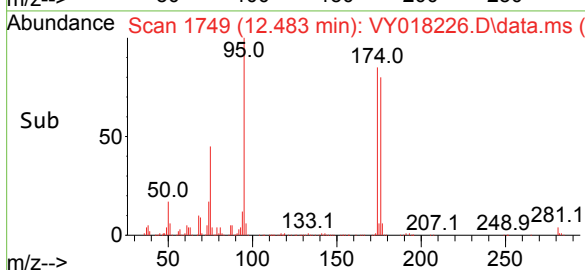
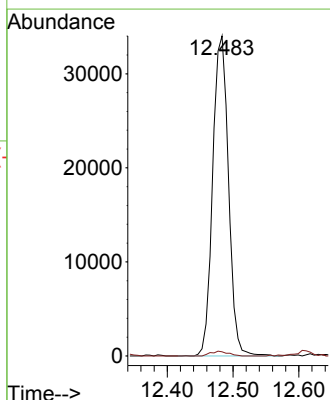
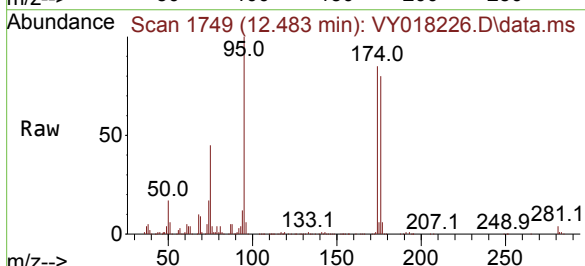
Acq: 10 May 2024 12:03

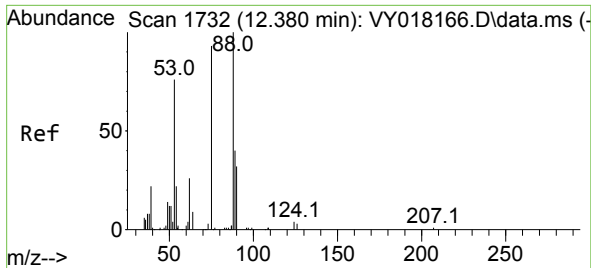
Tgt Ion: 75 Resp: 56913

Ion Ratio Lower Upper

75 100

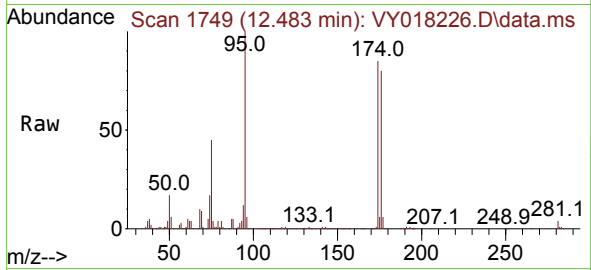
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.794 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018226.D
 Acq: 10 May 2024 12:03

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 56913
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.1 35.8 53.6#

