

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
 Data File : VY018218.D
 Acq On : 09 May 2024 18:30
 Operator : SY/MD
 Sample : P2432-06
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 10 01:21:51 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)

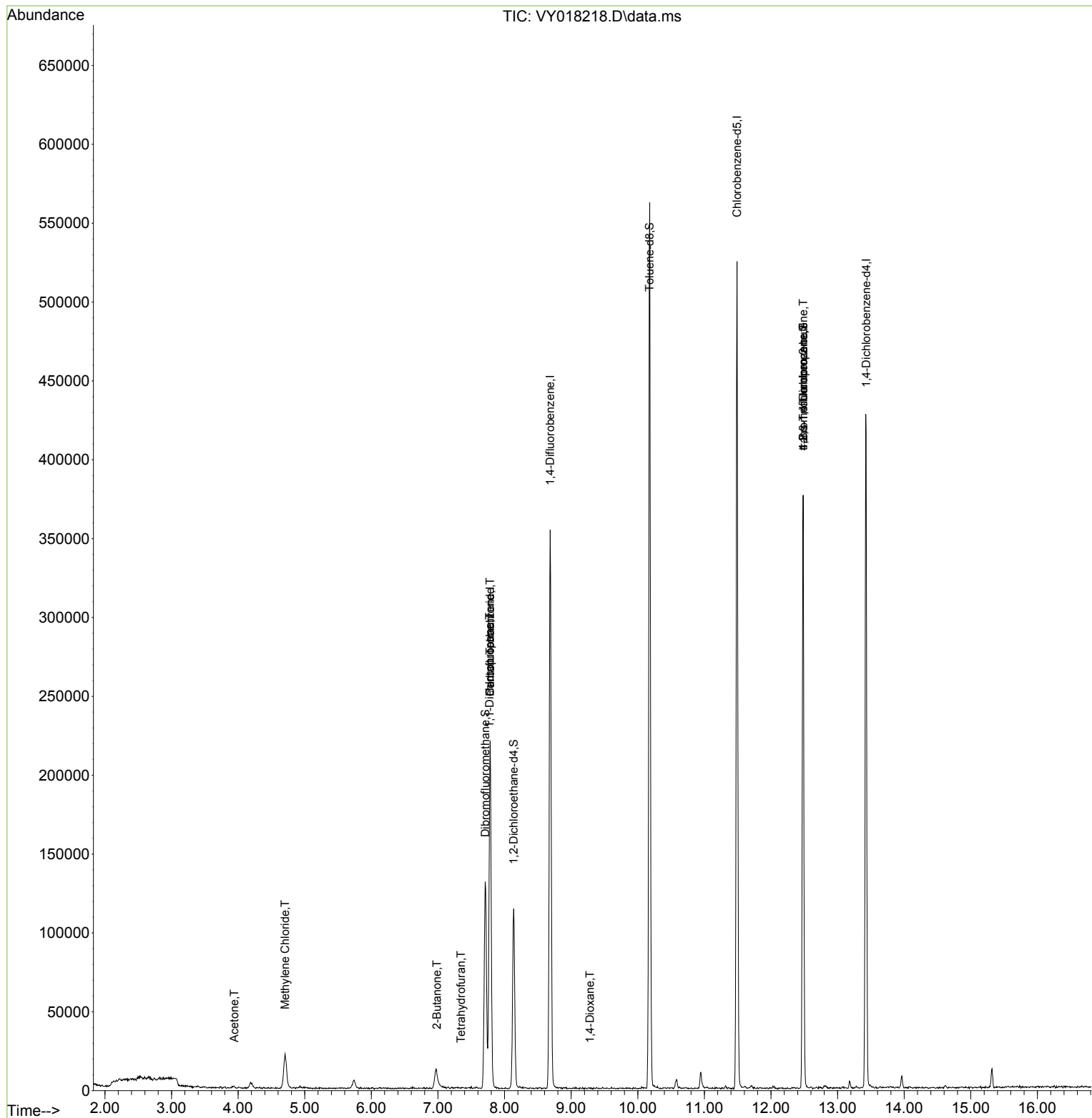
Internal Standards						
1) Pentafluorobenzene	7.783	168	171889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	330202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	293867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	82825	65.498	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.000%
35) Dibromofluoromethane	7.710	113	94978	54.731	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.460%
50) Toluene-d8	10.179	98	370353	54.158	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.320%
62) 4-Bromofluorobenzene	12.483	95	113431	51.363	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.720%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.985	59	134	Below Cal	#	88
13) Acrolein	3.711	56	88	Below Cal	#	55
16) Acetone	3.942	43	1103	4.371	ug/l #	84
20) Methylene Chloride	4.704	84	16496	9.248	ug/l	98
25) 2-Butanone	6.984	43	881	2.184	ug/l #	70
29) Tetrahydrofuran	7.344	42	456	1.713	ug/l #	40
31) Cyclohexane	7.783	56	3631	Below Cal	#	1
36) 1,1-Dichloropropene	7.777	75	13696	5.505	ug/l #	48
38) Carbon Tetrachloride	7.783	117	17414	6.406	ug/l #	19
49) 1,4-Dioxane	9.283	88	59	4.419	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	56674	63.762	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	56674	122.847	ug/l #	16

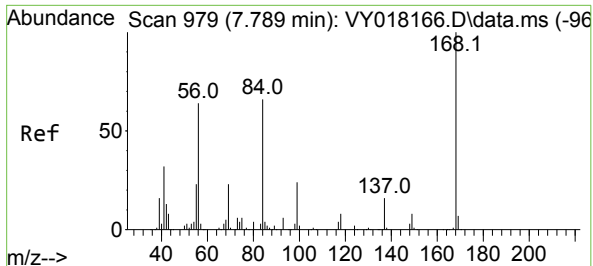
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
Data File : VY018218.D
Acq On : 09 May 2024 18:30
Operator : SY/MD
Sample : P2432-06
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 10 01:21:51 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

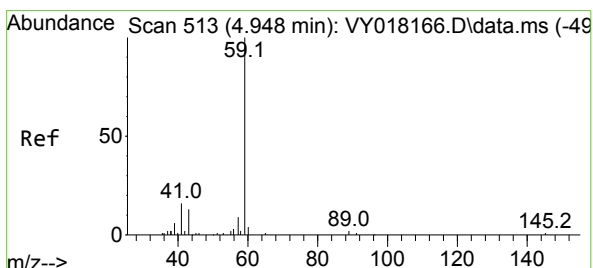
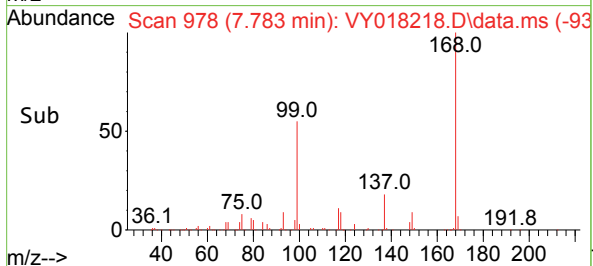
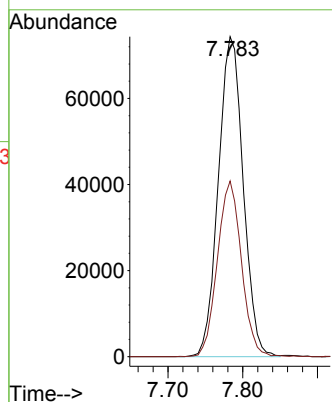
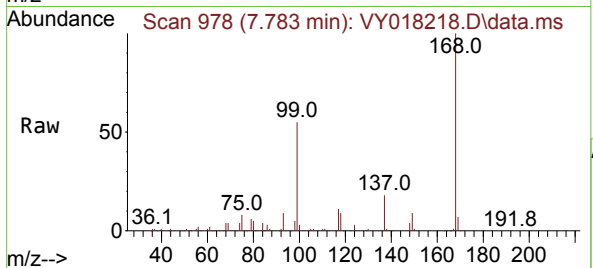




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018218.D
Acq: 09 May 2024 18:30

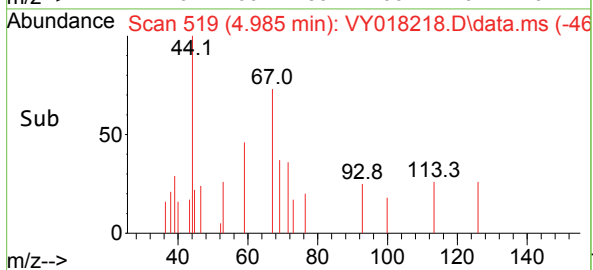
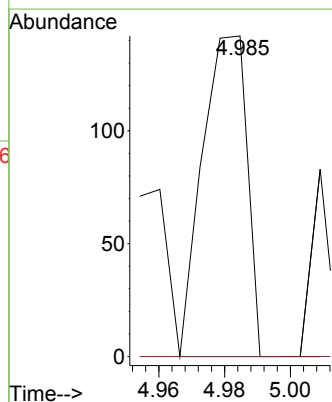
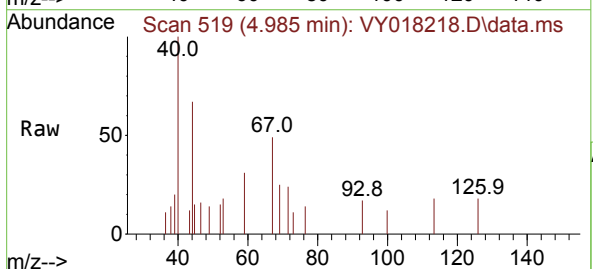
Instrument :
MSVOA_Y
ClientSampleId :

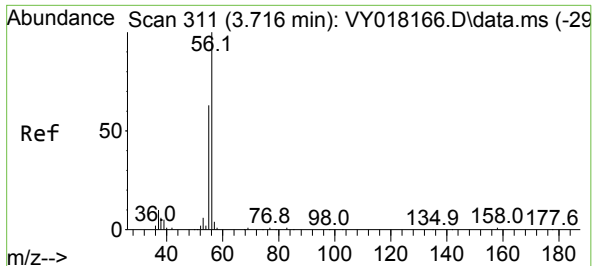
Tgt Ion:168 Resp: 171889
Ion Ratio Lower Upper
168 100
99 54.8 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.985 min Scan# 519
Delta R.T. 0.037 min
Lab File: VY018218.D
Acq: 09 May 2024 18:30

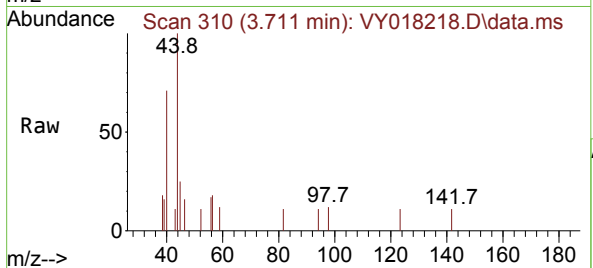
Tgt Ion: 59 Resp: 134
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



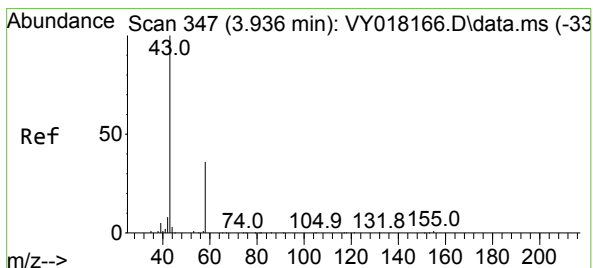
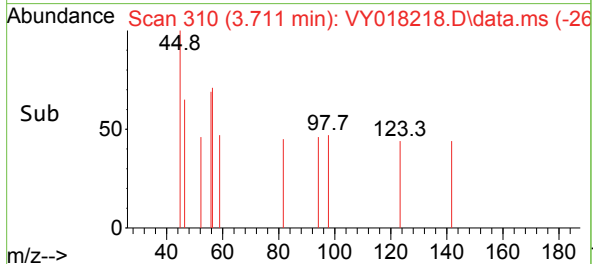
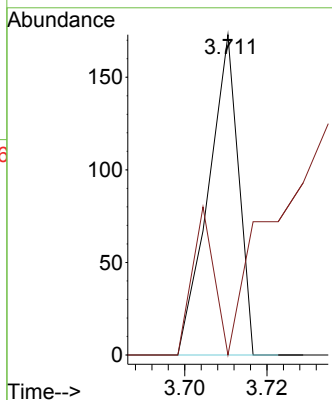


#13
Acrolein
Concen: Below Cal
RT: 3.711 min Scan# 311
Delta R.T. -0.005 min
Lab File: VY018218.D
Acq: 09 May 2024 18:30

Instrument :
MSVOA_Y
ClientSampleId :

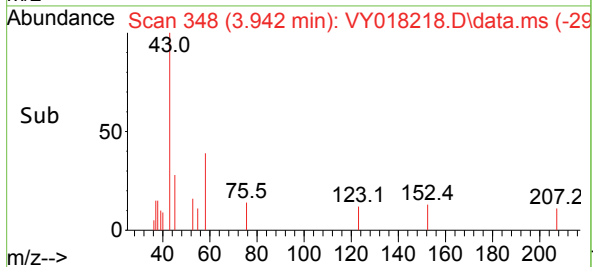
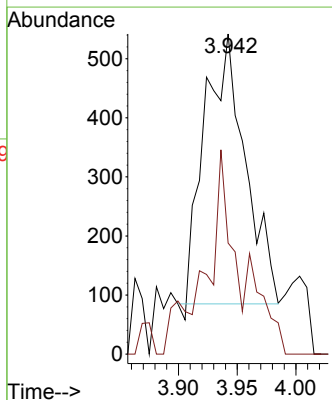
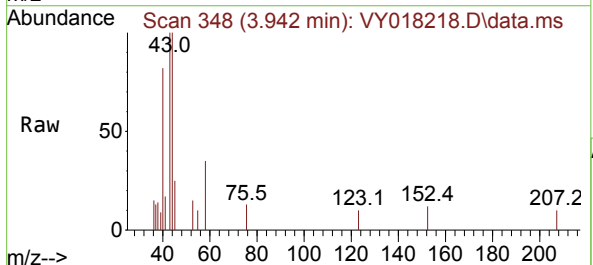


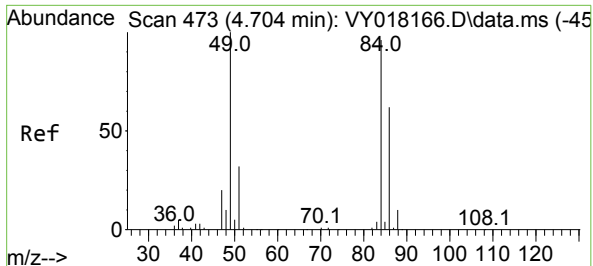
Tgt Ion: 56 Resp: 88
Ion Ratio Lower Upper
56 100
55 33.0 55.7 83.5#



#16
Acetone
Concen: 4.371 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY018218.D
Acq: 09 May 2024 18:30

Tgt Ion: 43 Resp: 1103
Ion Ratio Lower Upper
43 100
58 29.5 31.7 47.5#

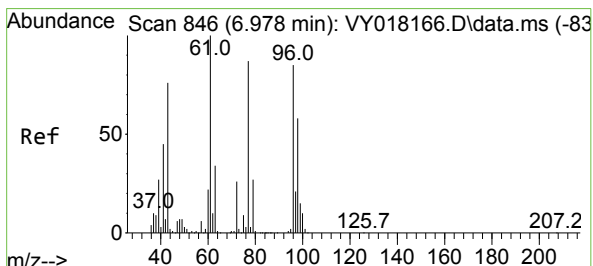
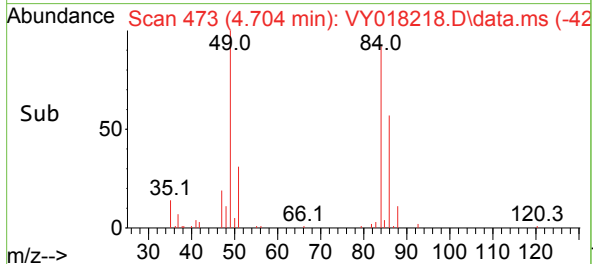
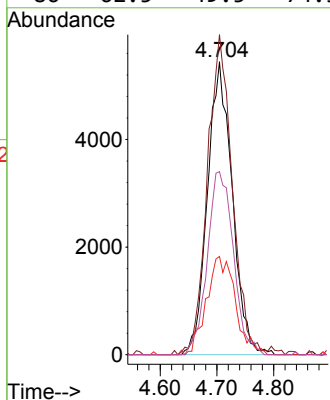
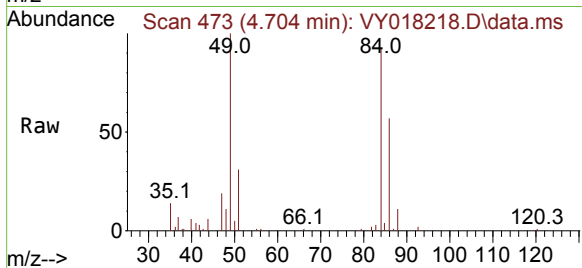




#20
Methylene Chloride
Concen: 9.248 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018218.D
Acq: 09 May 2024 18:30

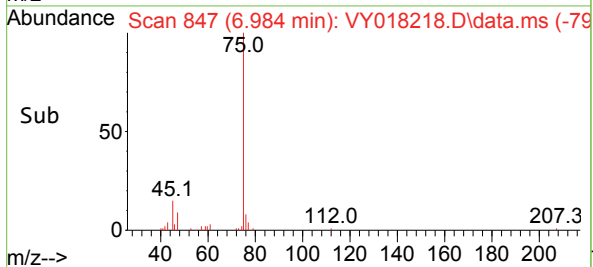
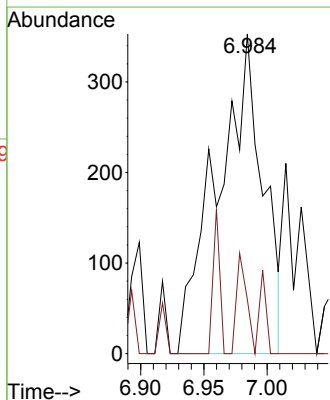
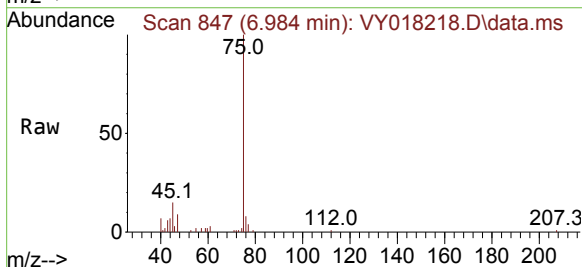
Instrument :
MSVOA_Y
ClientSampleId :

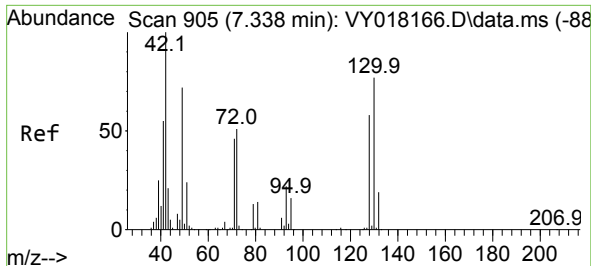
Tgt Ion: 84	Resp: 16496
Ion Ratio	Lower Upper
84 100	
49 109.2	84.4 126.6
51 33.5	26.0 39.0
86 62.5	49.5 74.3



#25
2-Butanone
Concen: 2.184 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY018218.D
Acq: 09 May 2024 18:30

Tgt Ion: 43	Resp: 881		
Ion Ratio	Lower	Upper	
43 100			
72 17.0	27.3	40.9#	





#29

Tetrahydrofuran

Concen: 1.713 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

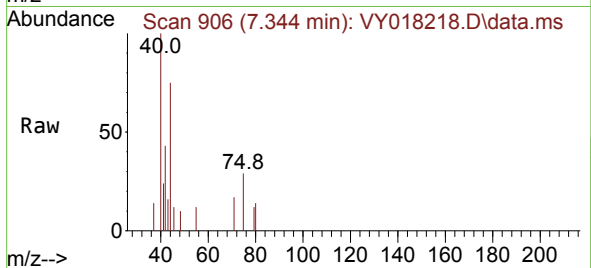
Lab File: VY018218.D

Acq: 09 May 2024 18:30

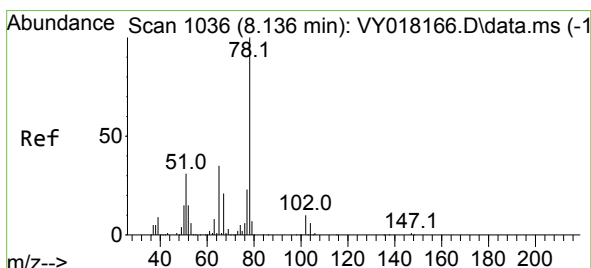
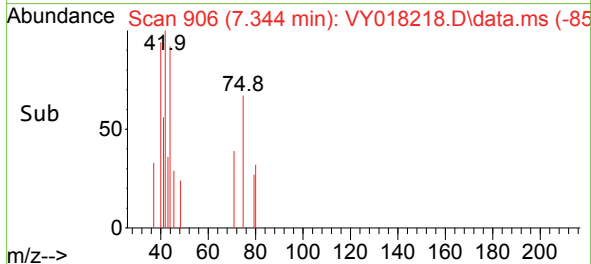
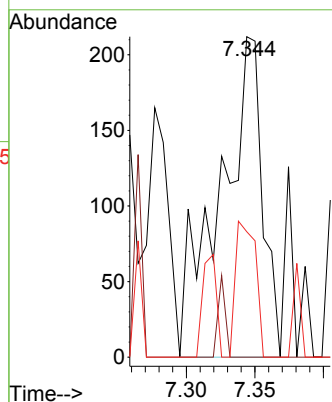
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	456
Ion	Ratio	Lower	Upper
42	100		
72	0.0	43.0	64.4#
71	20.0	40.8	61.2#



#33

1,2-Dichloroethane-d4

Concen: 65.498 ug/l

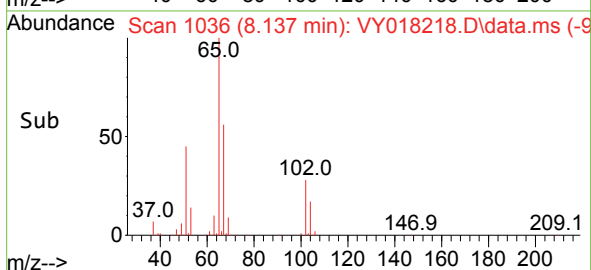
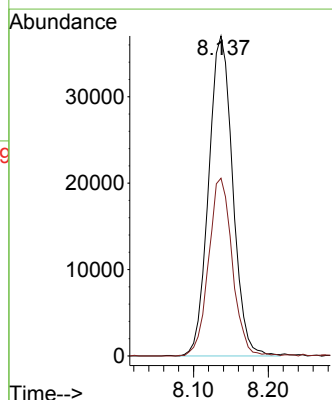
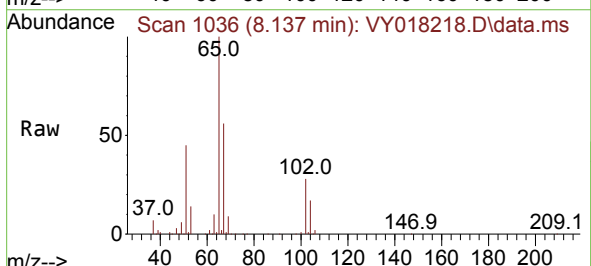
RT: 8.137 min Scan# 1036

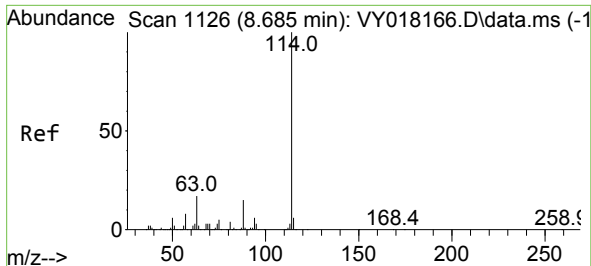
Delta R.T. 0.000 min

Lab File: VY018218.D

Acq: 09 May 2024 18:30

Tgt Ion:	65	Resp:	82825
Ion	Ratio	Lower	Upper
65	100		
67	54.6	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: VY018218.D

Acq: 09 May 2024 18:30

Instrument :

MSVOA_Y

ClientSampleId :

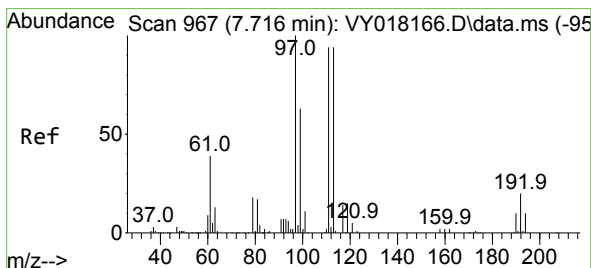
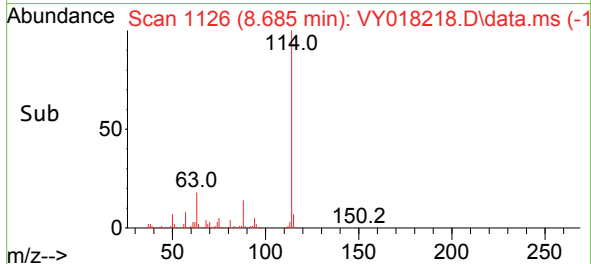
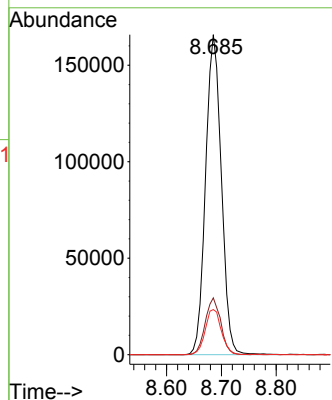
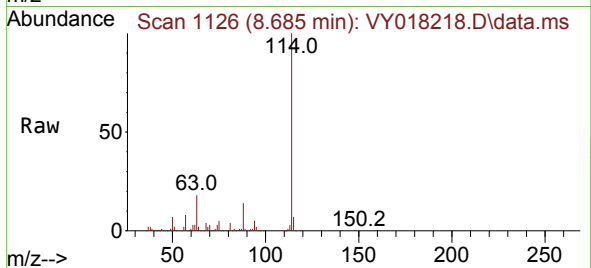
Tgt Ion:114 Resp: 330202

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.731 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY018218.D

Acq: 09 May 2024 18:30

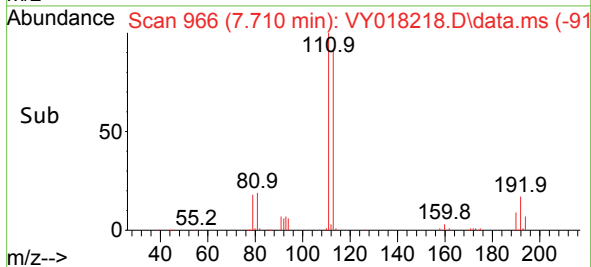
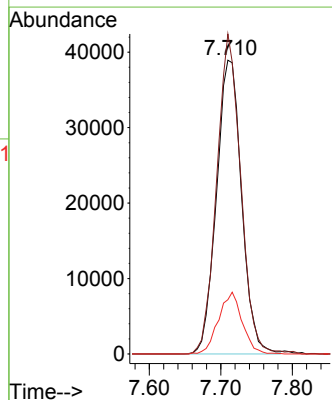
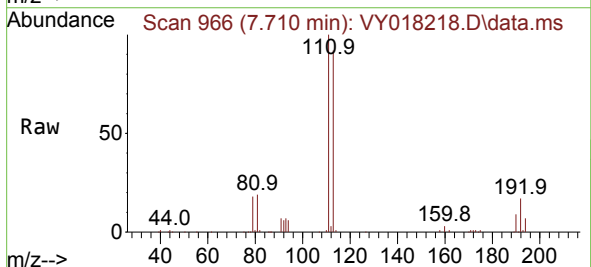
Tgt Ion:113 Resp: 94978

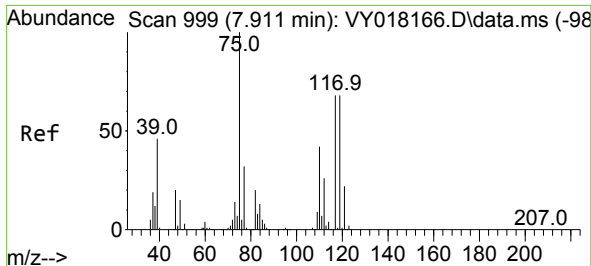
Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.4

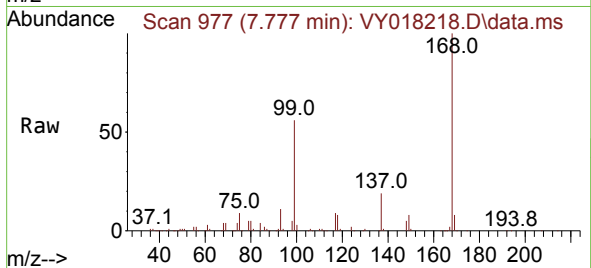
192 19.9 15.9 23.9



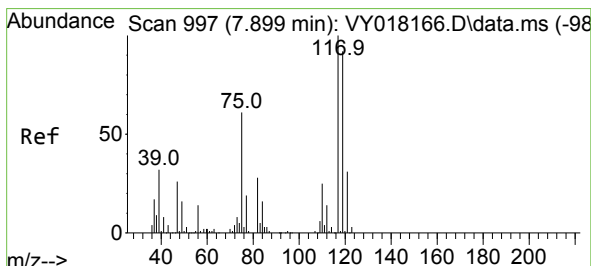
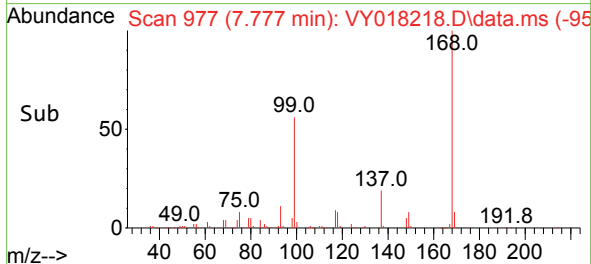
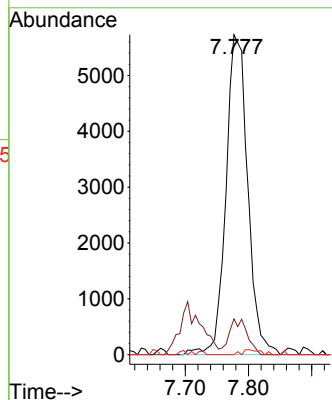


#36
1,1-Dichloropropene
Concen: 5.505 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY018218.D
Acq: 09 May 2024 18:30

Instrument :
MSVOA_Y
ClientSampleId :

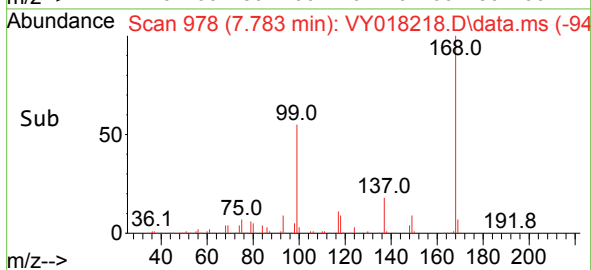
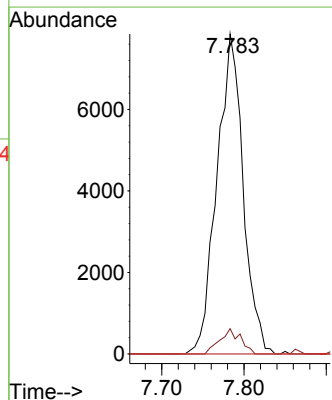
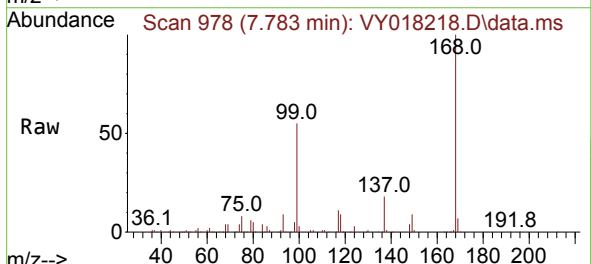


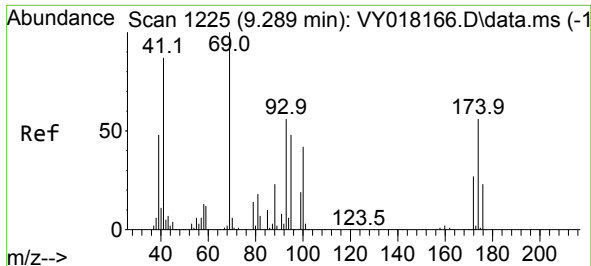
Tgt Ion: 75 Resp: 13696
Ion Ratio Lower Upper
75 100
110 9.4 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.406 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY018218.D
Acq: 09 May 2024 18:30

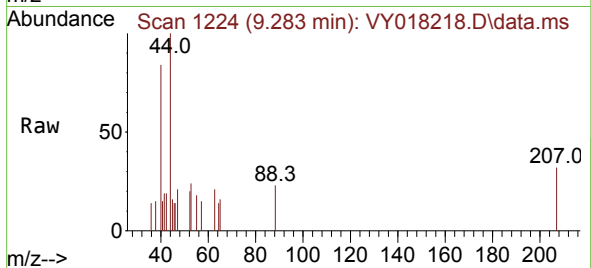
Tgt Ion: 117 Resp: 17414
Ion Ratio Lower Upper
117 100
119 7.9 75.8 113.6#
121 0.0 24.0 36.0#



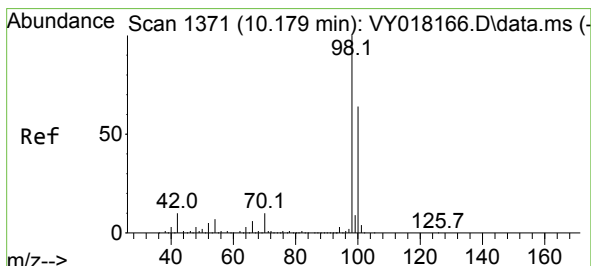
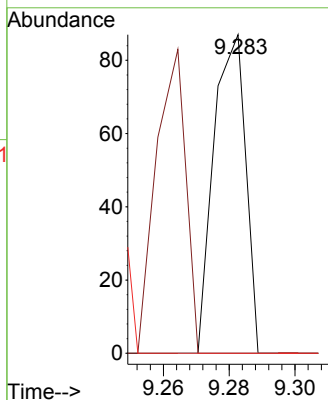
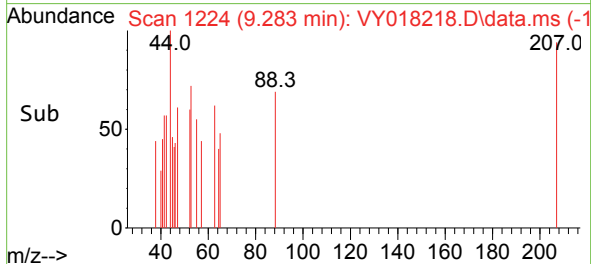


#49
1,4-Dioxane
Concen: 4.419 ug/l
RT: 9.283 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018218.D
Acq: 09 May 2024 18:30

Instrument :
MSVOA_Y
ClientSampleId :

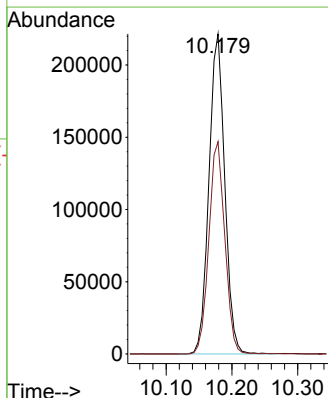
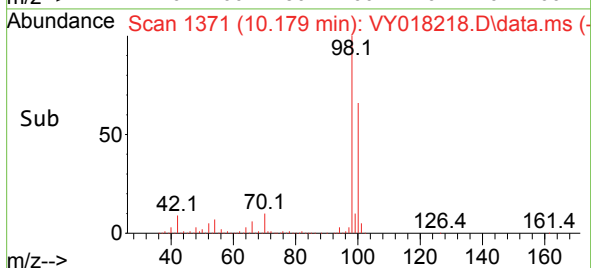
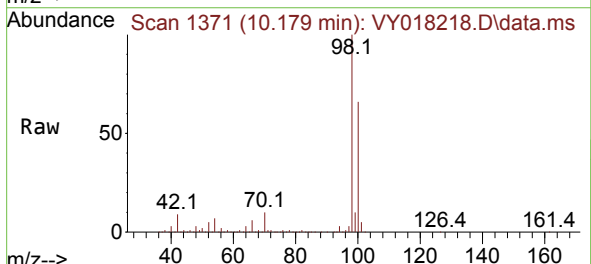


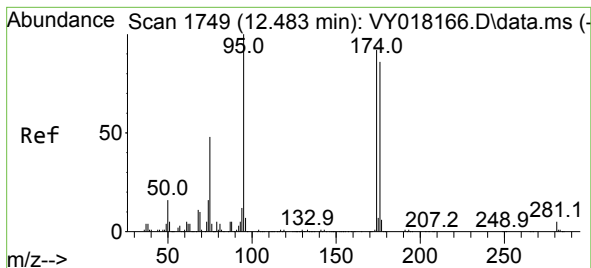
Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#



#50
Toluene-d8
Concen: 54.158 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018218.D
Acq: 09 May 2024 18:30

Tgt Ion: 98 Resp: 370353
Ion Ratio Lower Upper
98 100
100 67.0 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 51.363 ug/l

RT: 12.483 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018218.D

Acq: 09 May 2024 18:30

Instrument :

MSVOA_Y

ClientSampleId :

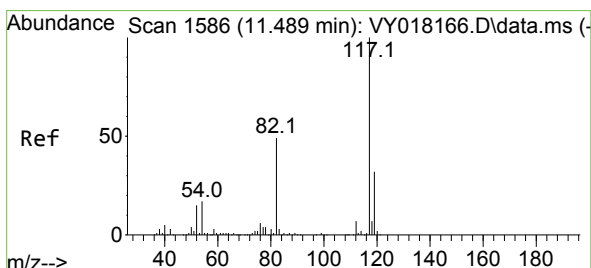
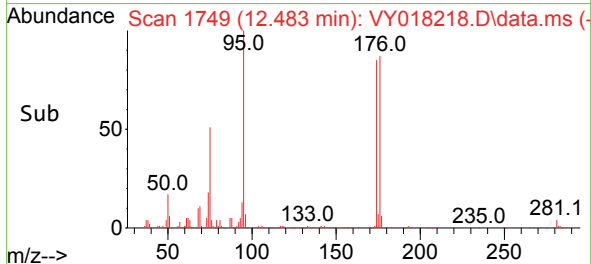
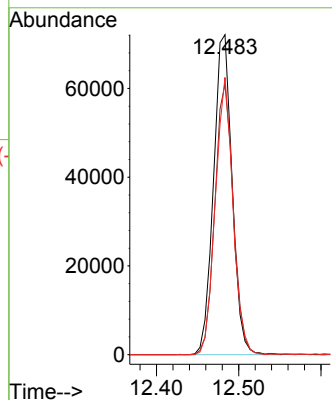
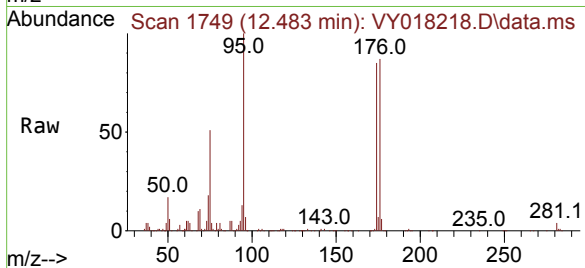
Tgt Ion: 95 Resp: 113431

Ion Ratio Lower Upper

95 100

174 84.0 0.0 175.6

176 82.3 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: VY018218.D

Acq: 09 May 2024 18:30

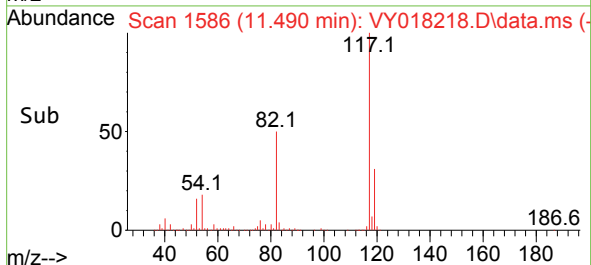
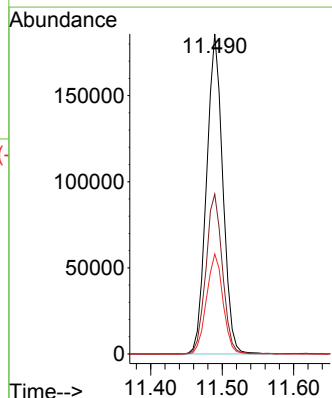
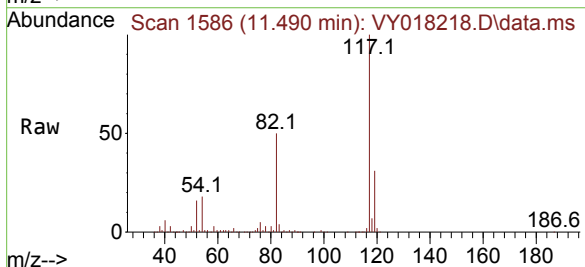
Tgt Ion: 117 Resp: 293867

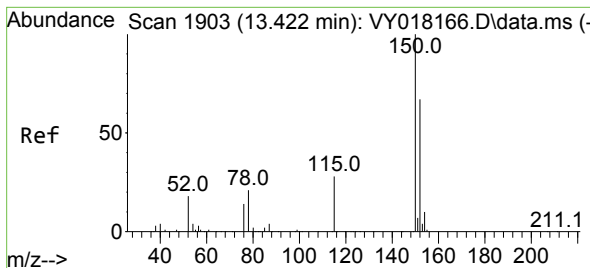
Ion Ratio Lower Upper

117 100

82 50.0 42.4 63.6

119 31.2 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: VY018218.D

Acq: 09 May 2024 18:30

Instrument :

MSVOA_Y

ClientSampleId :

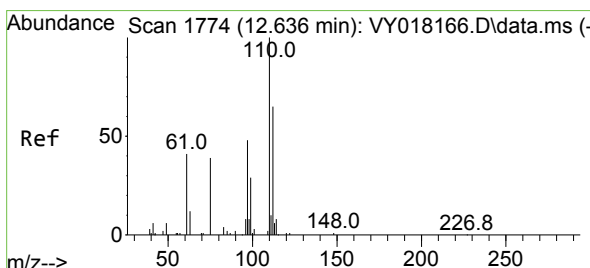
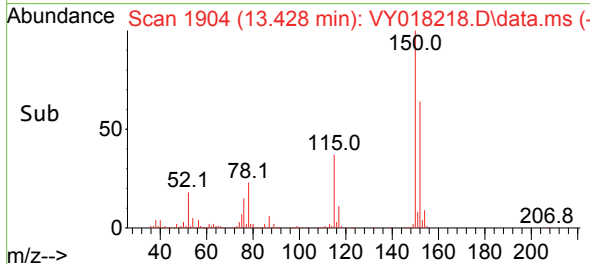
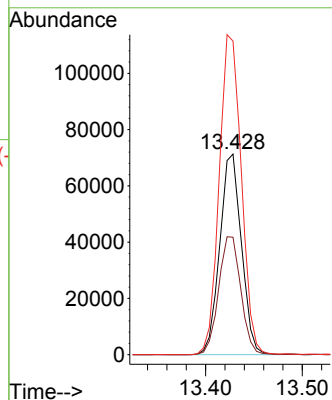
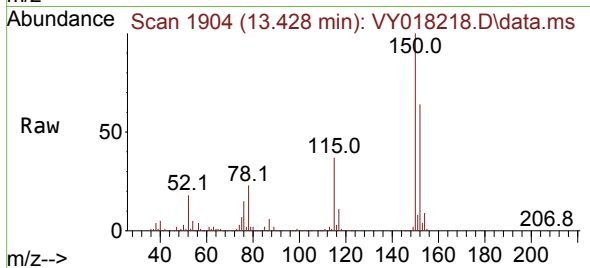
Tgt Ion:152 Resp: 111045

Ion Ratio Lower Upper

152 100

115 60.2 28.2 84.7

150 162.5 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 63.762 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY018218.D

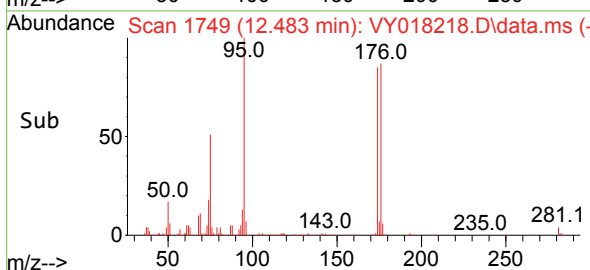
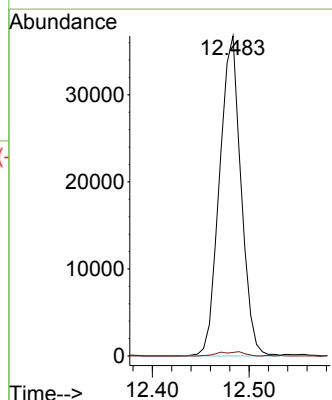
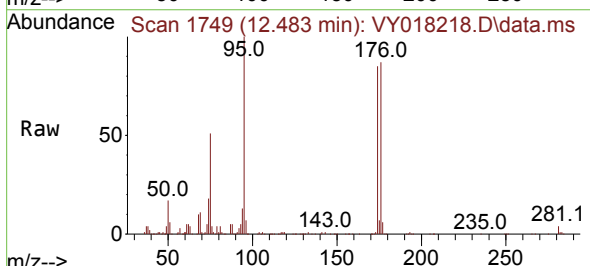
Acq: 09 May 2024 18:30

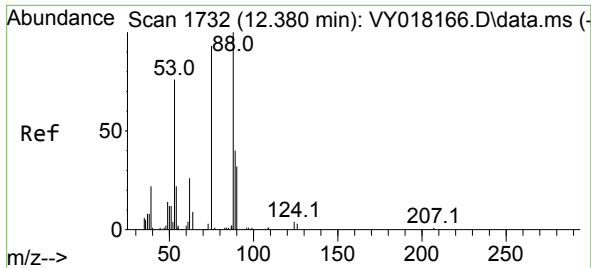
Tgt Ion: 75 Resp: 56674

Ion Ratio Lower Upper

75 100

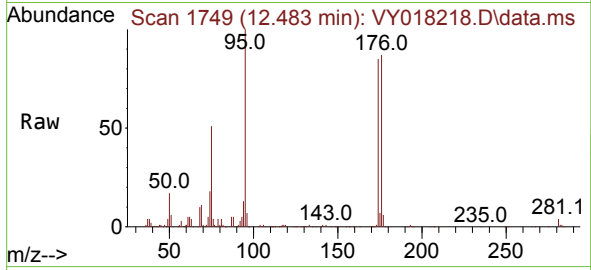
77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 122.847 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY018218.D
Acq: 09 May 2024 18:30

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	66.8	100.2#
89	0.4	35.8	53.6#

