

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
 Data File : VY018214.D
 Acq On : 09 May 2024 16:54
 Operator : SY/MD
 Sample : P2430-05
 Misc : 3.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 10 01:20:00 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)

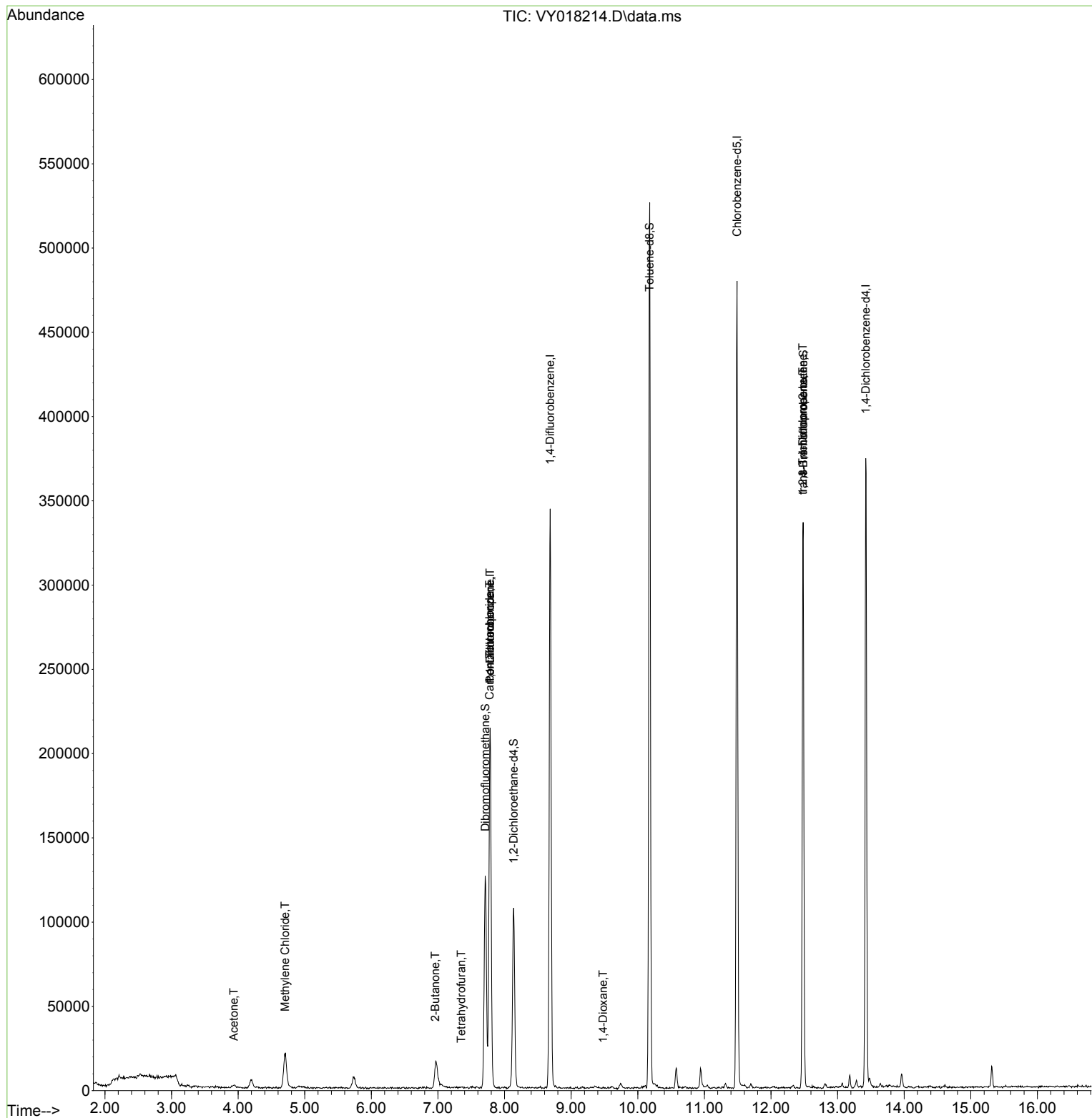
Internal Standards						
1) Pentafluorobenzene	7.783	168	171403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	315004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	275533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	101274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	76900	60.985	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.980%	
35) Dibromofluoromethane	7.710	113	91765	55.431	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.860%	
50) Toluene-d8	10.179	98	354077	54.276	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.560%	
62) 4-Bromofluorobenzene	12.483	95	104114	49.419	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.840%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	493	Below Cal	#	88
13) Acrolein	3.729	56	30	Below Cal	#	1
16) Acetone	3.936	43	3257	12.943	ug/l	99
20) Methylene Chloride	4.704	84	16483	9.267	ug/l	96
25) 2-Butanone	6.960	43	588	1.462	ug/l	91
29) Tetrahydrofuran	7.350	42	308	1.160	ug/l #	77
31) Cyclohexane	7.777	56	4927	Below Cal	#	11
36) 1,1-Dichloropropene	7.783	75	13335	5.619	ug/l #	48
38) Carbon Tetrachloride	7.777	117	16560	6.386	ug/l #	17
49) 1,4-Dioxane	9.478	88	33	2.591	ug/l #	99
76) 1,2,3-Trichloropropane	12.477	75	52444	64.695	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	52444	124.646	ug/l #	16

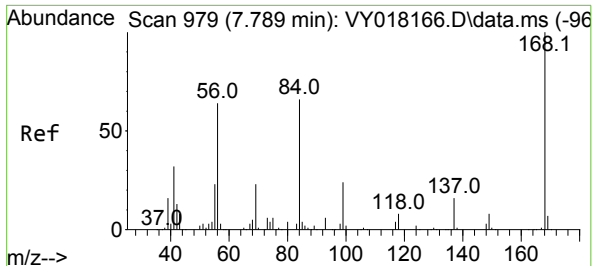
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 08 01:40:14 2024
Response via : Initial Calibration

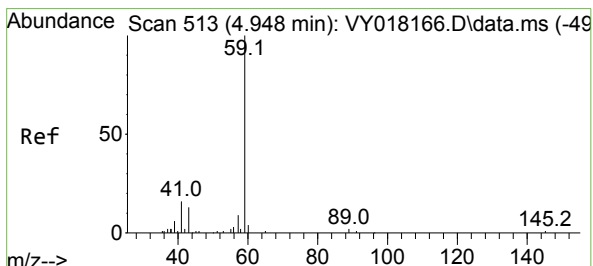
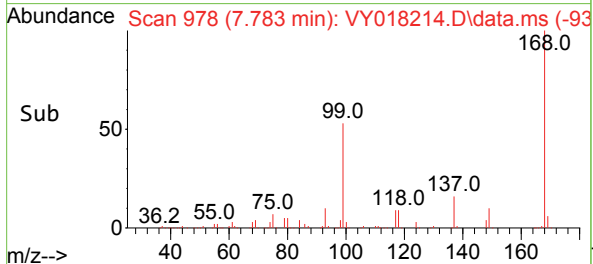
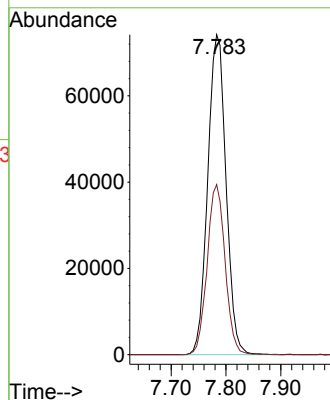
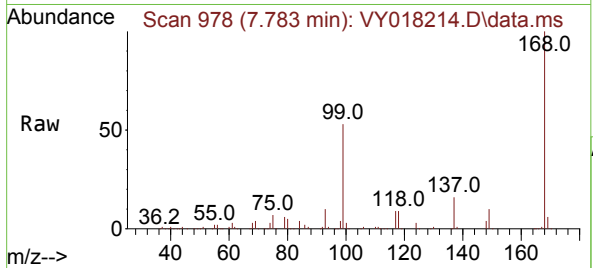




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018214.D
Acq: 09 May 2024 16:54

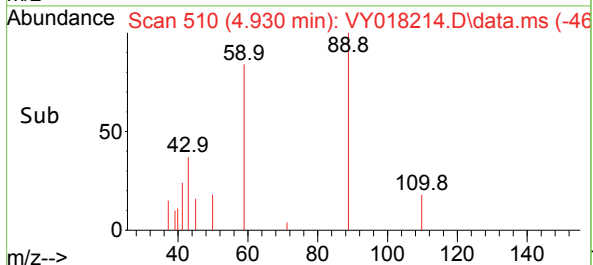
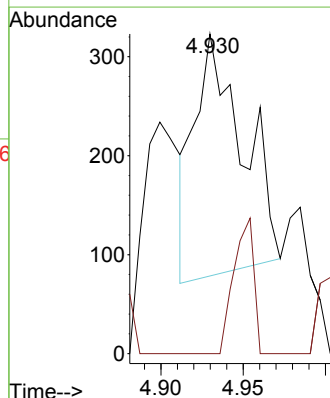
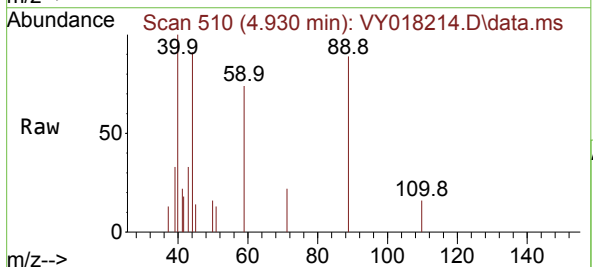
Instrument :
MSVOA_Y
ClientSampleId :

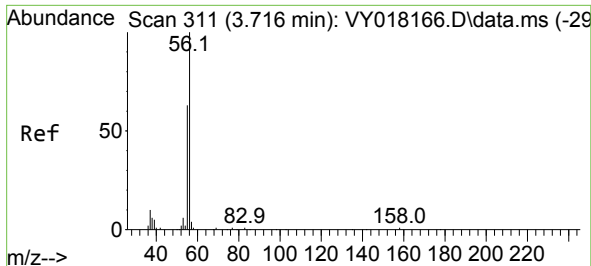
Tgt Ion:168 Resp: 171403
Ion Ratio Lower Upper
168 100
99 53.2 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY018214.D
Acq: 09 May 2024 16:54

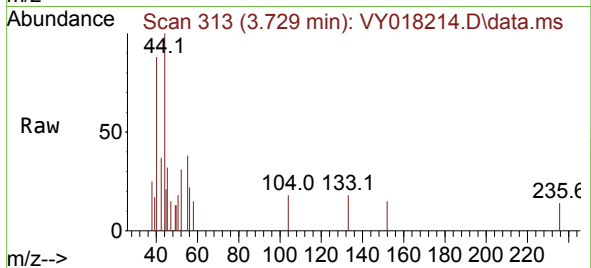
Tgt Ion: 59 Resp: 493
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



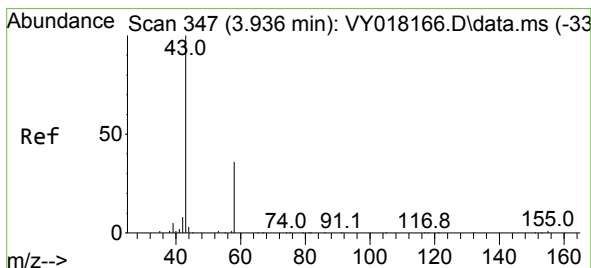
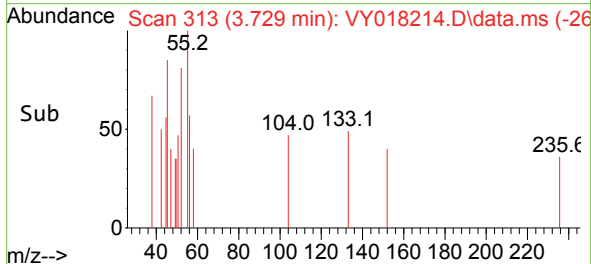
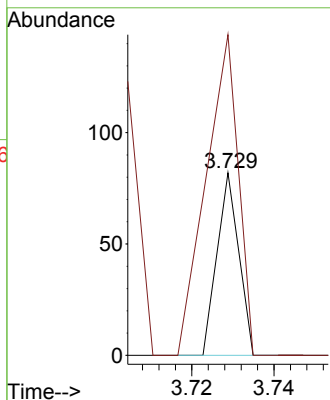


#13
Acrolein
Concen: Below Cal
RT: 3.729 min Scan# 311
Delta R.T. 0.013 min
Lab File: VY018214.D
Acq: 09 May 2024 16:54

Instrument :
MSVOA_Y
ClientSampleId :

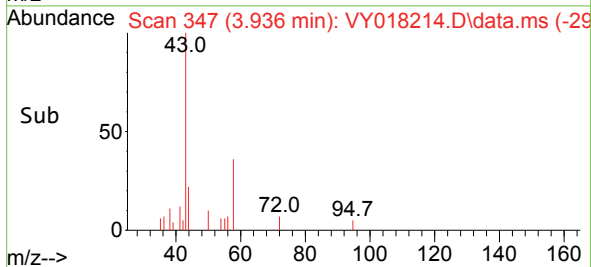
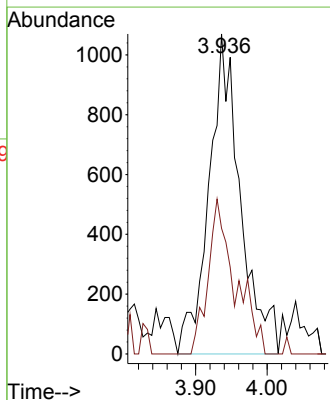
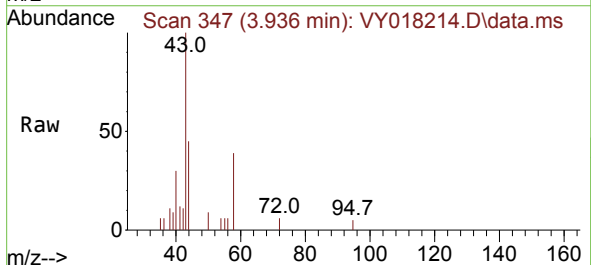


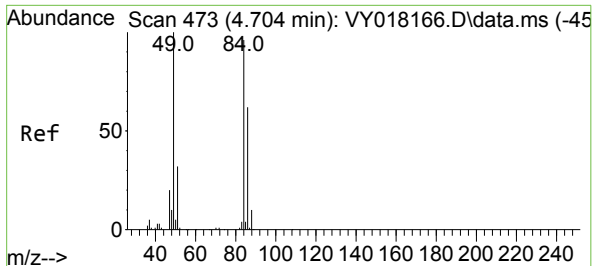
Tgt Ion: 56 Resp: 30
Ion Ratio Lower Upper
56 100
55 263.3 55.7 83.5#



#16
Acetone
Concen: 12.943 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018214.D
Acq: 09 May 2024 16:54

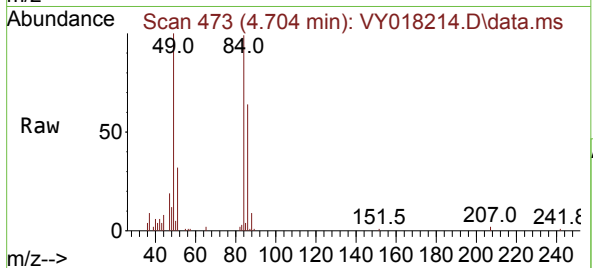
Tgt Ion: 43 Resp: 3257
Ion Ratio Lower Upper
43 100
58 39.3 31.7 47.5



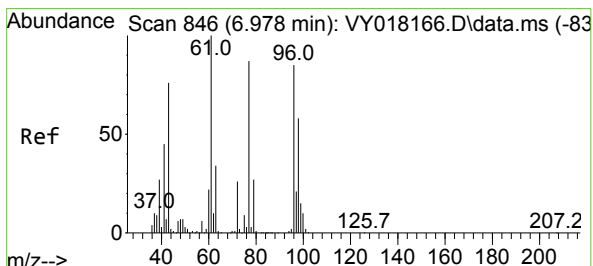
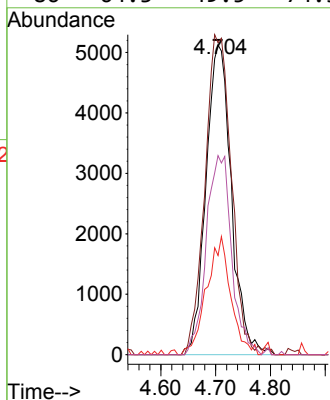
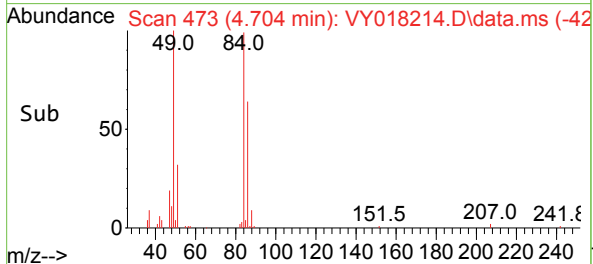


#20
Methylene Chloride
Concen: 9.267 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018214.D
Acq: 09 May 2024 16:54

Instrument :
MSVOA_Y
ClientSampleId :

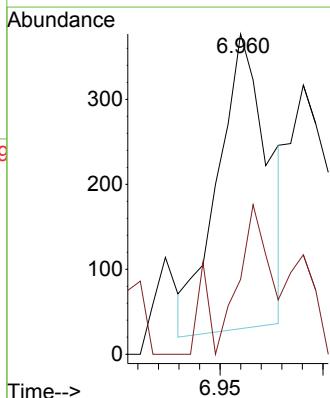
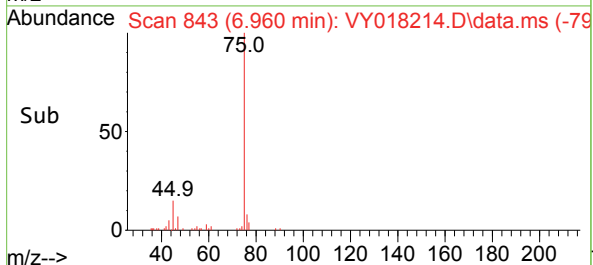
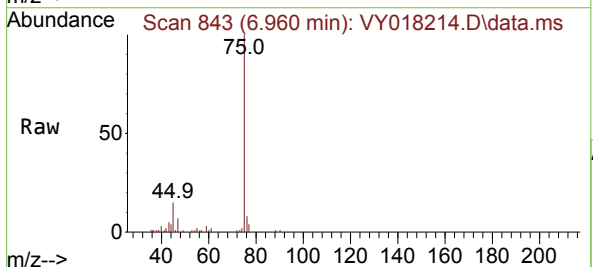


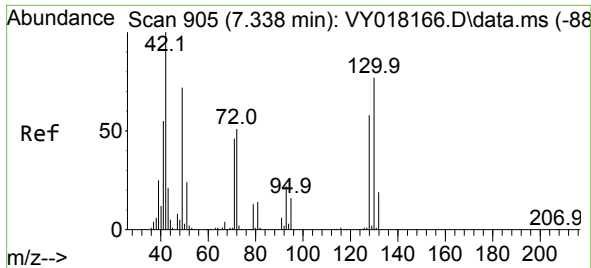
Tgt Ion: 84	Resp: 16483
Ion Ratio	Lower Upper
84 100	
49 100.8	84.4 126.6
51 32.0	26.0 39.0
86 64.3	49.5 74.3



#25
2-Butanone
Concen: 1.462 ug/l
RT: 6.960 min Scan# 843
Delta R.T. -0.018 min
Lab File: VY018214.D
Acq: 09 May 2024 16:54

Tgt Ion: 43	Resp: 588
Ion Ratio	Lower Upper
43 100	
72 28.8	27.3 40.9





#29

Tetrahydrofuran

Concen: 1.160 ug/l

RT: 7.350 min Scan# 905

Delta R.T. 0.012 min

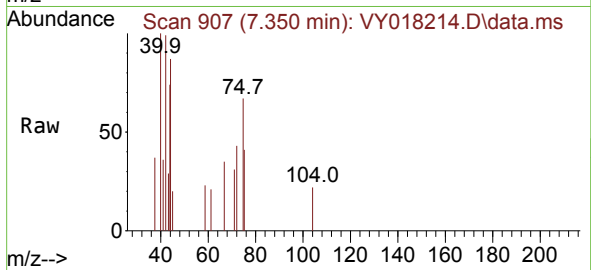
Lab File: VY018214.D

Acq: 09 May 2024 16:54

Instrument :

MSVOA_Y

ClientSampleId :



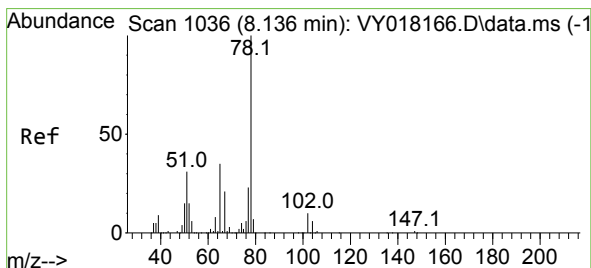
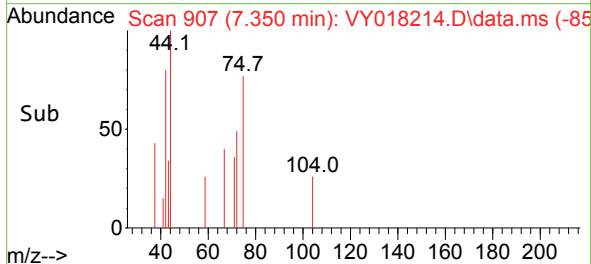
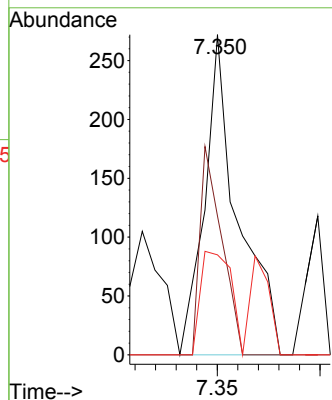
Tgt Ion: 42 Resp: 308

Ion Ratio Lower Upper

42 100

72 42.5 43.0 64.4#

71 29.2 40.8 61.2#



#33

1,2-Dichloroethane-d4

Concen: 60.985 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY018214.D

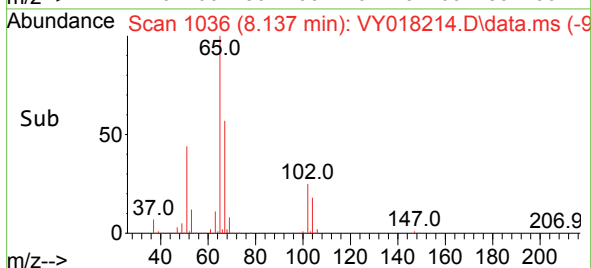
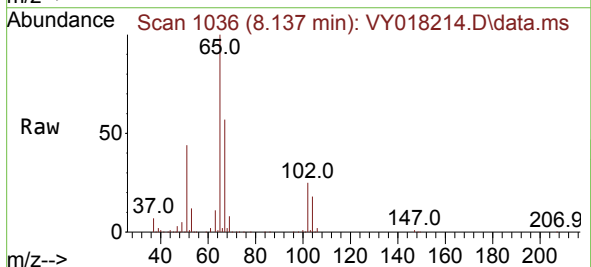
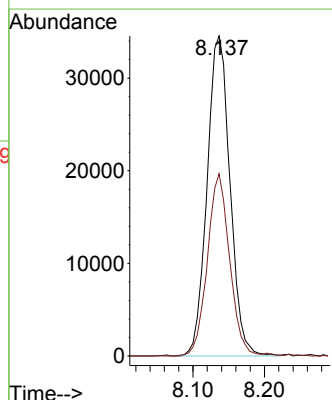
Acq: 09 May 2024 16:54

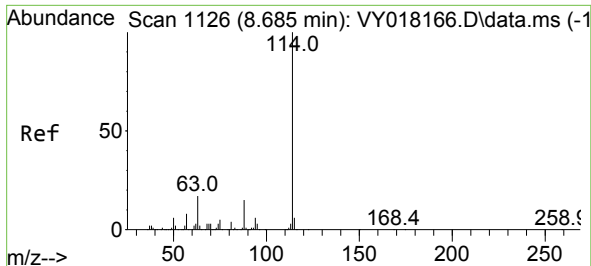
Tgt Ion: 65 Resp: 76900

Ion Ratio Lower Upper

65 100

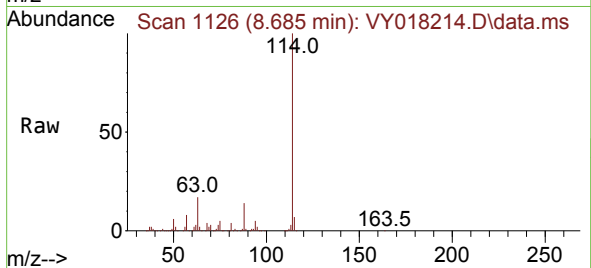
67 55.1 0.0 109.6



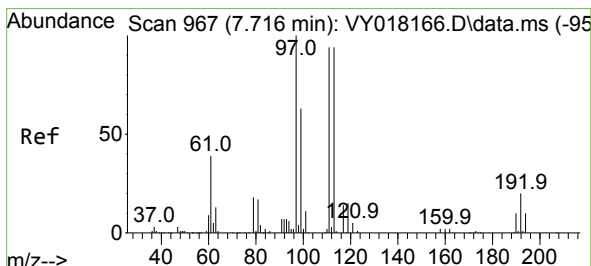
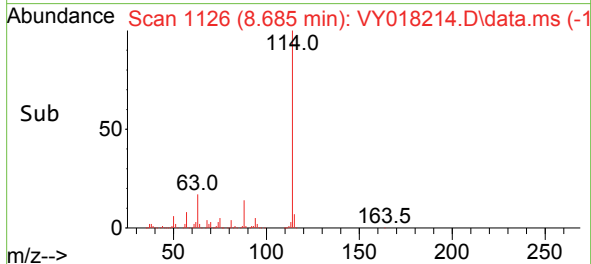
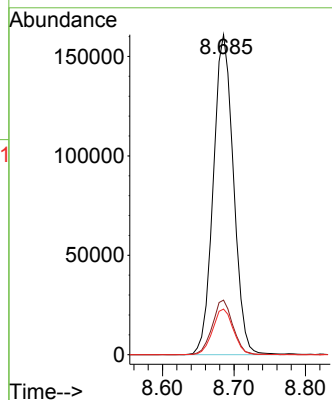


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018214.D
Acq: 09 May 2024 16:54

Instrument :
MSVOA_Y
ClientSampleId :

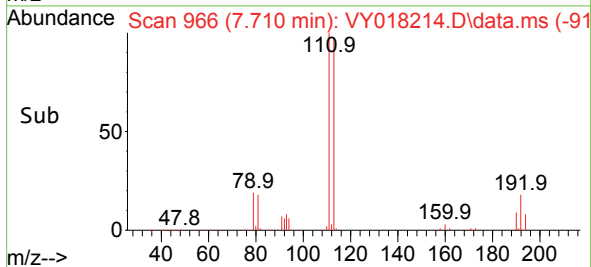
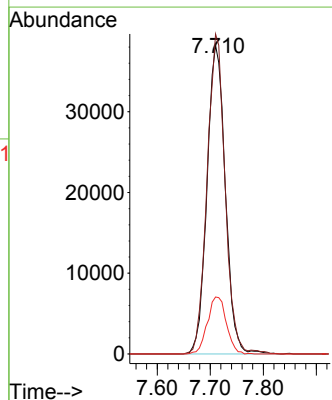
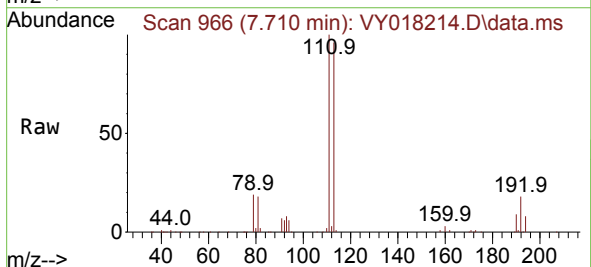


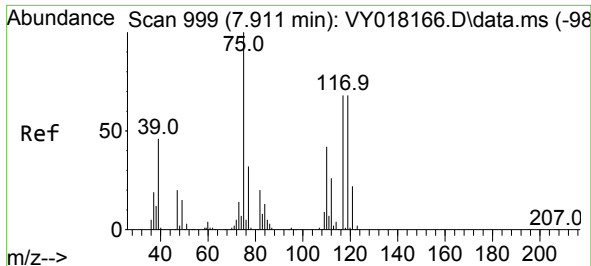
Tgt Ion:114 Resp: 315004
Ion Ratio Lower Upper
114 100
63 17.0 0.0 35.0
88 14.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 55.431 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY018214.D
Acq: 09 May 2024 16:54

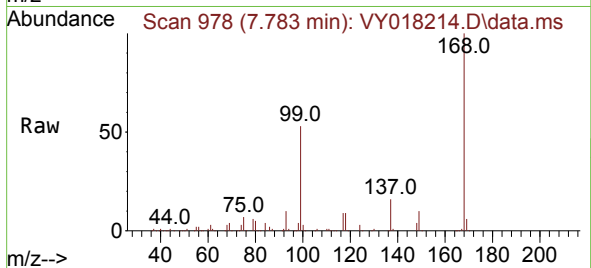
Tgt Ion:113 Resp: 91765
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 19.1 15.9 23.9



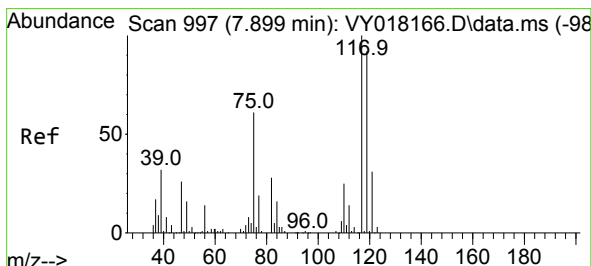
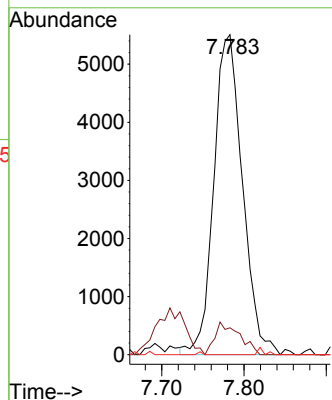
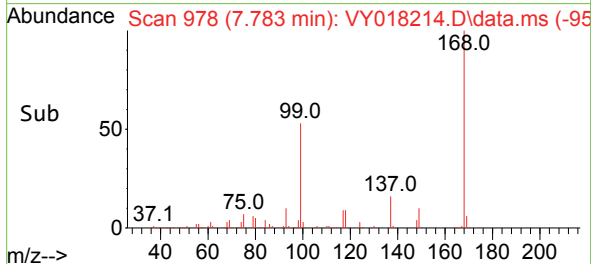


#36
1,1-Dichloropropene
Concen: 5.619 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY018214.D
Acq: 09 May 2024 16:54

Instrument :
MSVOA_Y
ClientSampleId :

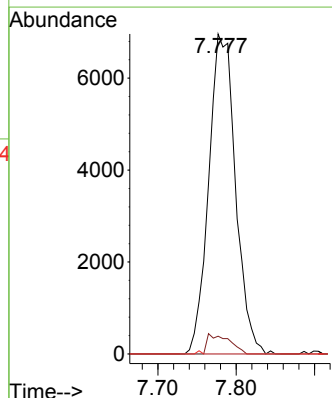
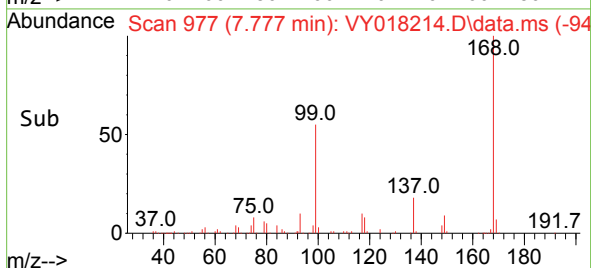
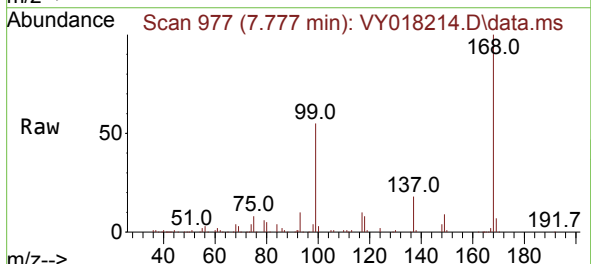


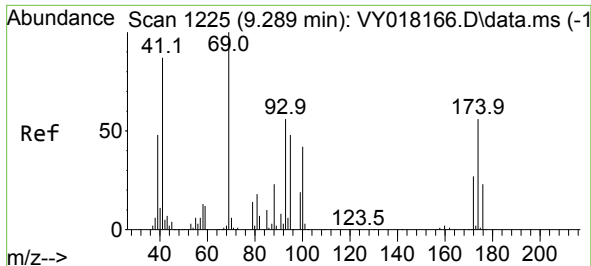
Tgt Ion: 75 Resp: 13335
Ion Ratio Lower Upper
75 100
110 8.7 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.386 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.122 min
Lab File: VY018214.D
Acq: 09 May 2024 16:54

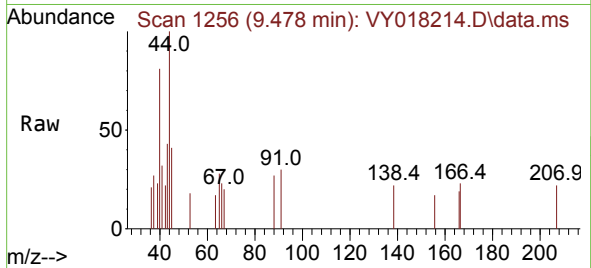
Tgt Ion: 117 Resp: 16560
Ion Ratio Lower Upper
117 100
119 5.6 75.8 113.6#
121 0.0 24.0 36.0#



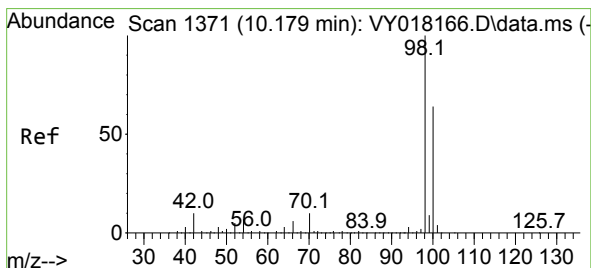
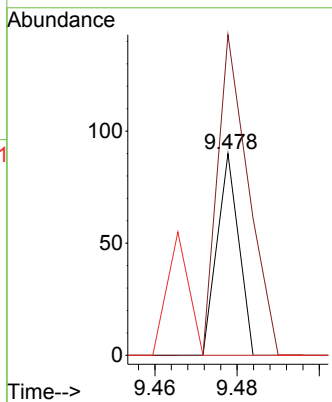
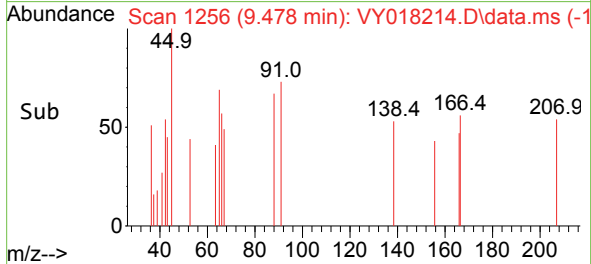


#49
1,4-Dioxane
Concen: 2.591 ug/l
RT: 9.478 min Scan# 1256
Delta R.T. 0.189 min
Lab File: VY018214.D
Acq: 09 May 2024 16:54

Instrument :
MSVOA_Y
ClientSampleId :

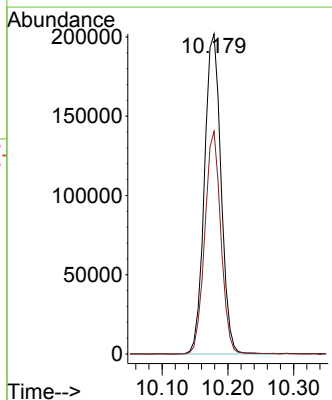
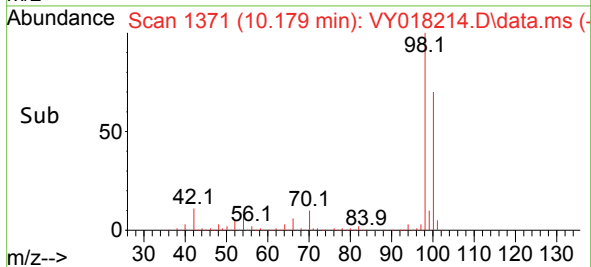
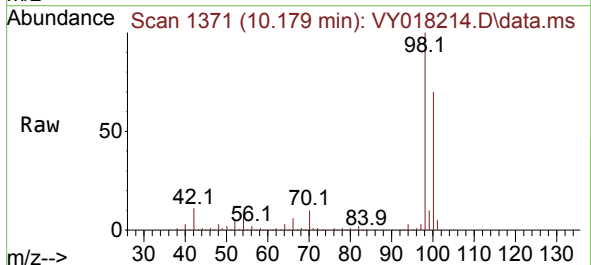


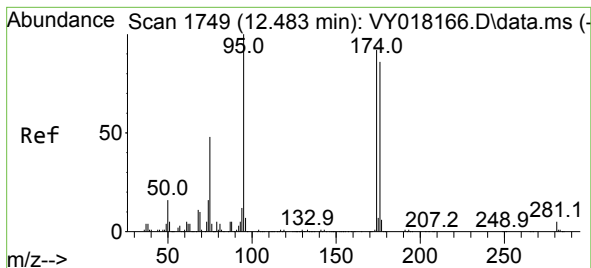
Tgt Ion: 88 Resp: 33
Ion Ratio Lower Upper
88 100
43 227.3 0.0 0.0#
58 60.6 49.3 73.9



#50
Toluene-d8
Concen: 54.276 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018214.D
Acq: 09 May 2024 16:54

Tgt Ion: 98 Resp: 354077
Ion Ratio Lower Upper
98 100
100 67.3 52.0 78.0

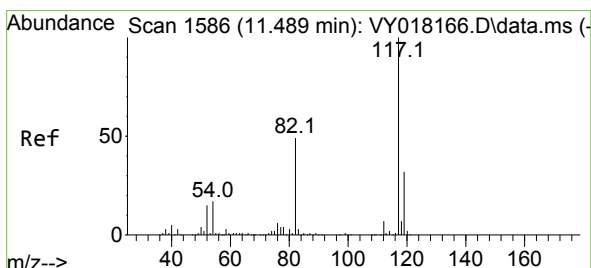
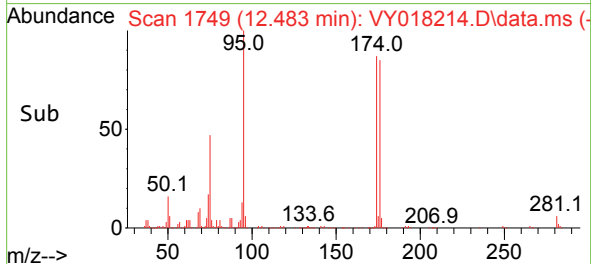
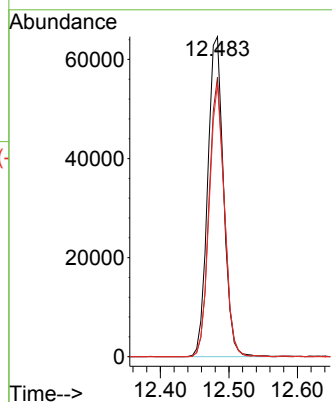
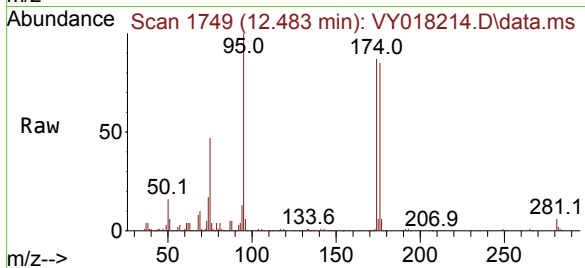




#62
4-Bromofluorobenzene
Concen: 49.419 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018214.D
Acq: 09 May 2024 16:54

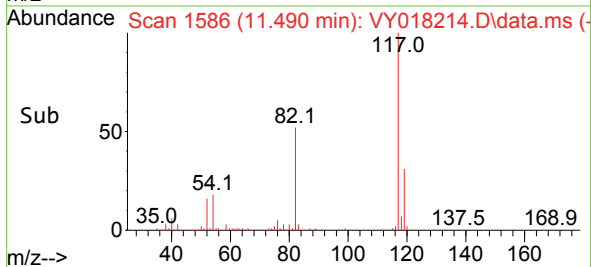
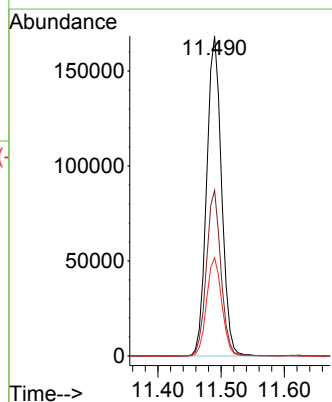
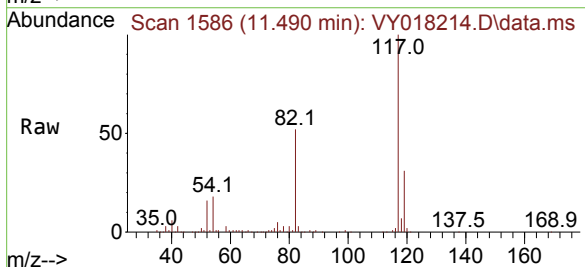
Instrument :
MSVOA_Y
ClientSampleId :

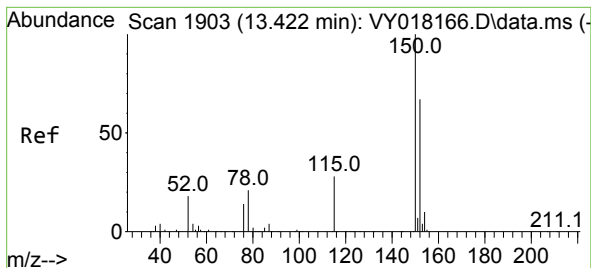
Tgt Ion: 95 Resp: 104114
Ion Ratio Lower Upper
95 100
174 84.0 0.0 175.6
176 81.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018214.D
Acq: 09 May 2024 16:54

Tgt Ion: 117 Resp: 275533
Ion Ratio Lower Upper
117 100
82 51.8 42.4 63.6
119 30.7 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

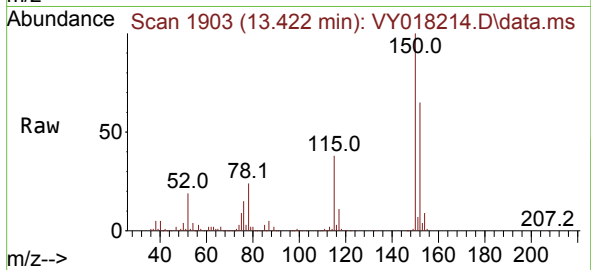
Lab File: VY018214.D

Acq: 09 May 2024 16:54

Instrument :

MSVOA_Y

ClientSampleId :



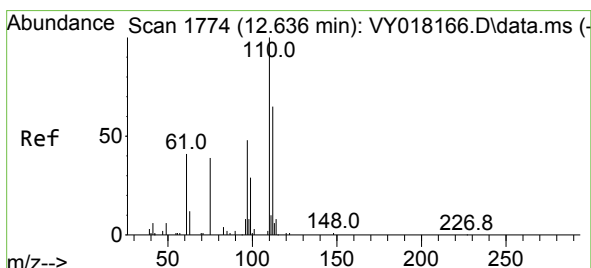
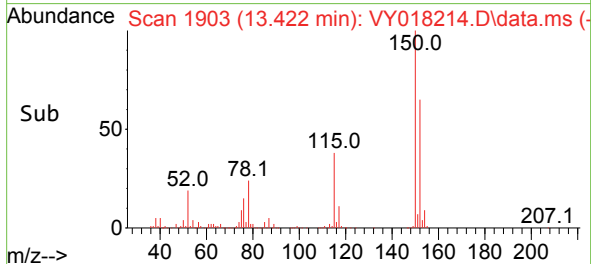
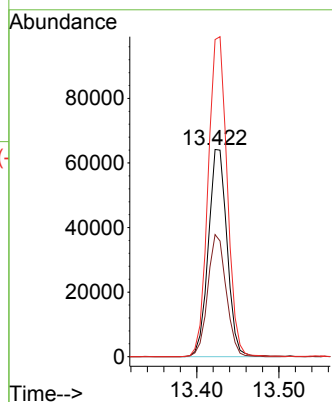
Tgt Ion:152 Resp: 101274

Ion Ratio Lower Upper

152 100

115 58.2 28.2 84.7

150 157.4 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 64.695 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.158 min

Lab File: VY018214.D

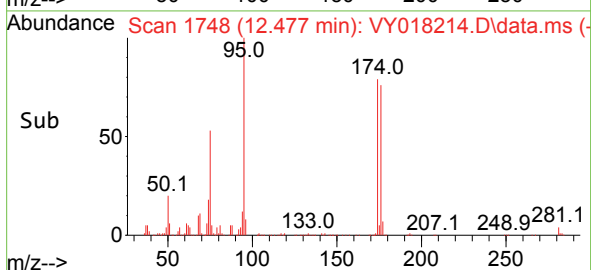
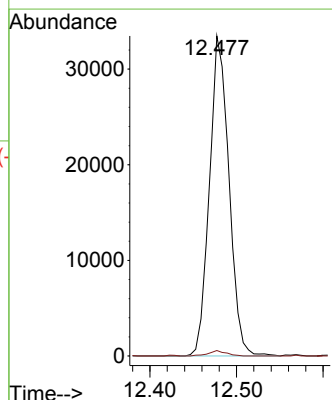
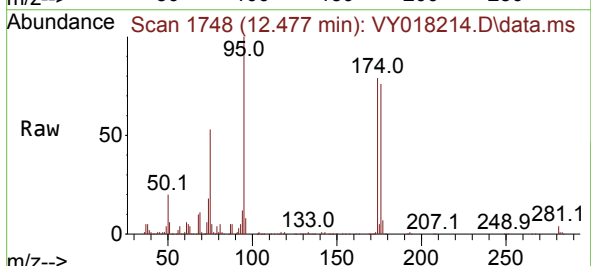
Acq: 09 May 2024 16:54

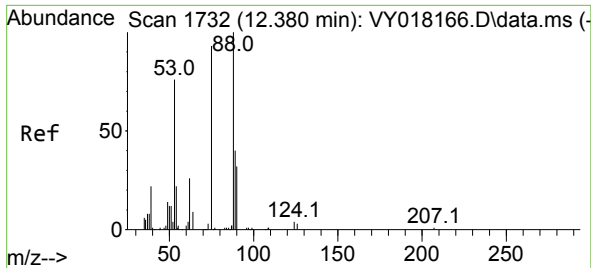
Tgt Ion: 75 Resp: 52444

Ion Ratio Lower Upper

75 100

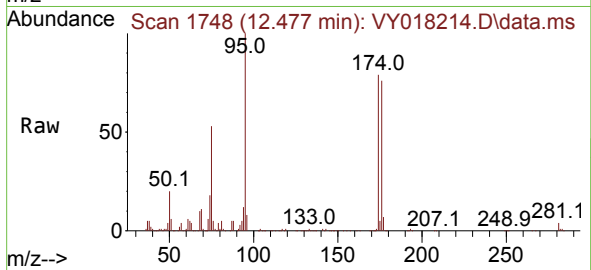
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.646 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY018214.D
 Acq: 09 May 2024 16:54

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#

