

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
 Data File : VY009516.D
 Acq On : 11 Jul 2022 17:26
 Operator : KP/MD
 Sample : N3631-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 12 05:04:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

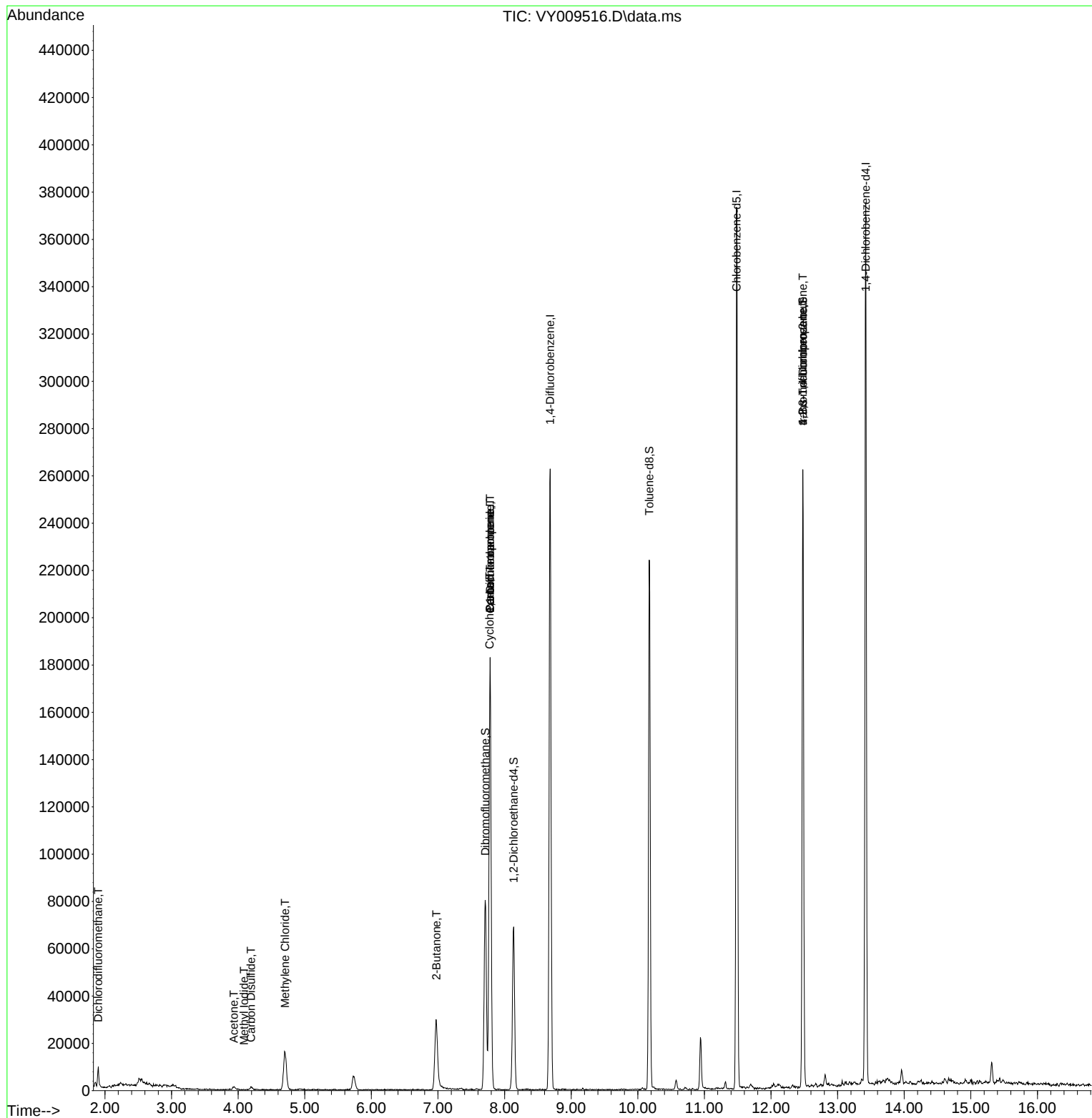
Internal Standards						
1) Pentafluorobenzene	7.783	168	143360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	223620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	197603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	52723	52.537	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.080%	
35) Dibromofluoromethane	7.710	113	56065	47.649	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.300%	
50) Toluene-d8	10.173	98	145237	44.055	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 88.100%	
62) 4-Bromofluorobenzene	12.477	95	74169	44.656	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 89.320%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	6334	5.761	ug/l	99
10) Methyl Iodide	4.088	142	52	4.190	ug/l #	75
11) Tert butyl alcohol	4.960	59	592	Below Cal	#	77
16) Acetone	3.936	43	2162	6.199	ug/l #	80
17) Carbon Disulfide	4.192	76	105	4.446	ug/l #	75
20) Methylene Chloride	4.704	84	11820	2.686	ug/l	85
23) Vinyl Acetate	6.045	43	66	Below Cal	#	75
25) 2-Butanone	6.978	43	1877	3.327	ug/l #	80
31) Cyclohexane	7.777	56	3265	1.388	ug/l #	31
36) 1,1-Dichloropropene	7.783	75	9952	5.195	ug/l #	51
38) Carbon Tetrachloride	7.783	117	13486	6.583	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	39754	40.941	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	39754	83.791	ug/l #	7

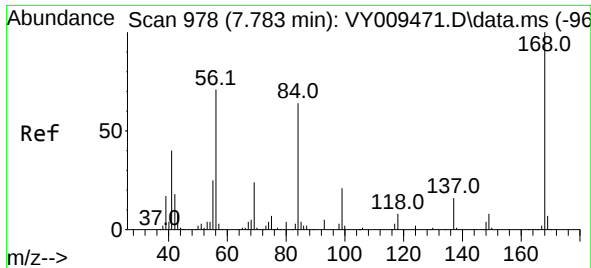
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
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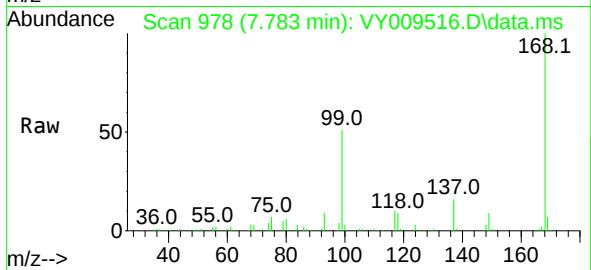
Quant Time: Jul 12 05:04:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 08 11:00:56 2022
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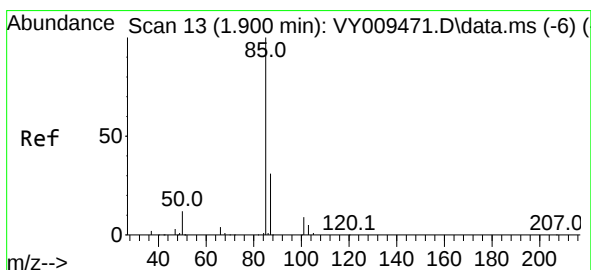
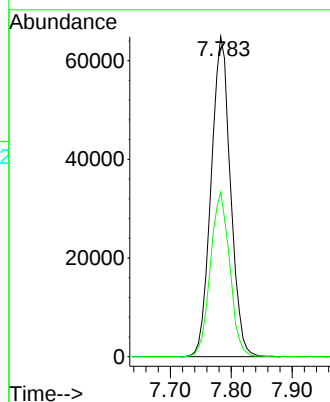
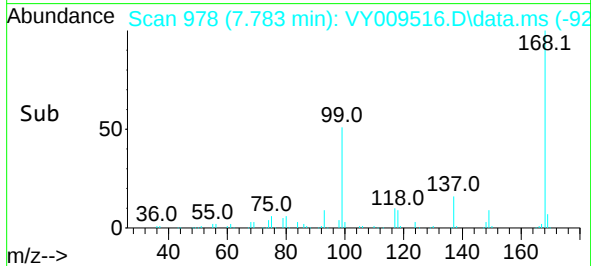


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009516.D
Acq: 11 Jul 2022 17:26

Instrument :
MSVOA_Y
ClientSampleId :

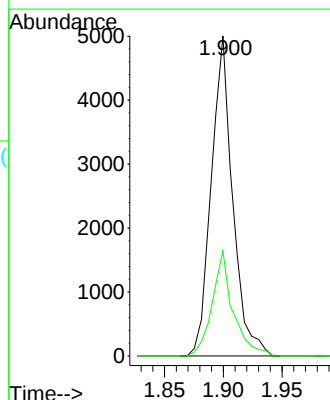
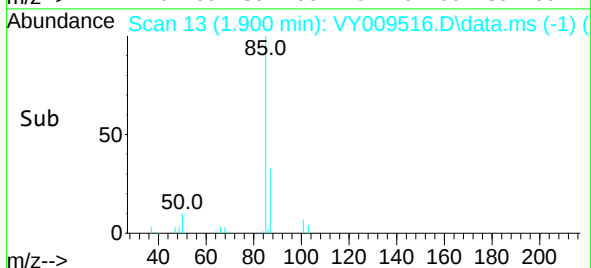
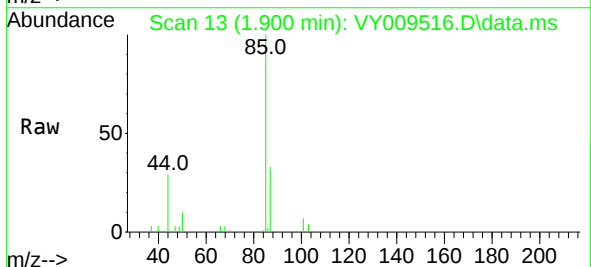


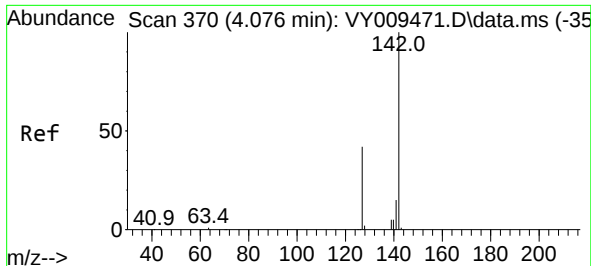
Tgt Ion:168 Resp: 143360
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 5.761 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009516.D
Acq: 11 Jul 2022 17:26

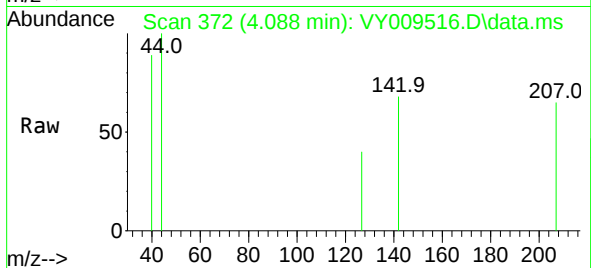
Tgt Ion: 85 Resp: 6334
Ion Ratio Lower Upper
85 100
87 32.9 16.1 48.2



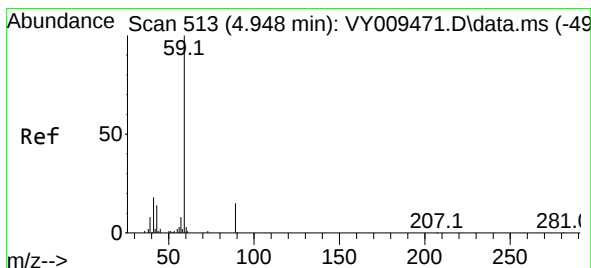
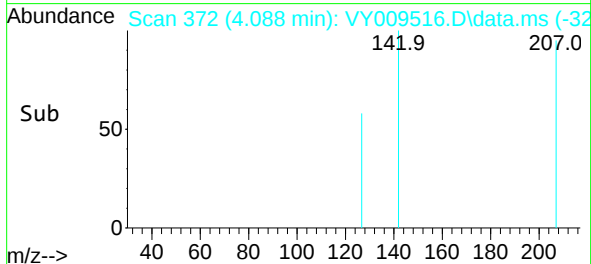
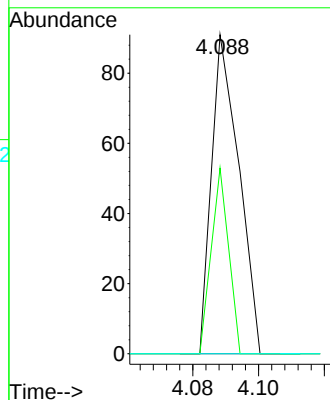


#10
Methyl Iodide
Concen: 4.190 ug/l
RT: 4.088 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY009516.D
Acq: 11 Jul 2022 17:26

Instrument :
MSVOA_Y
ClientSampleId :

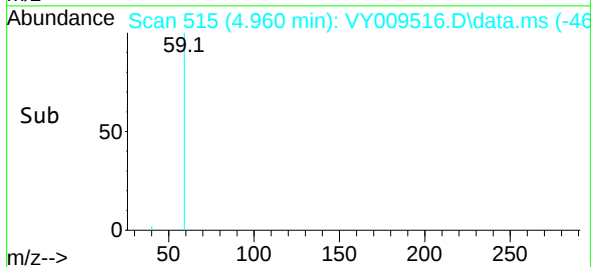
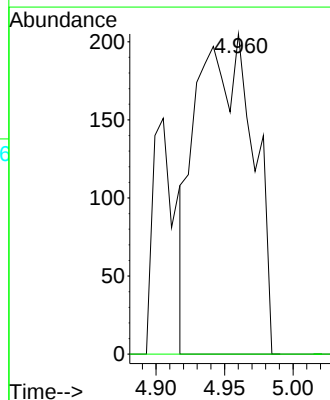
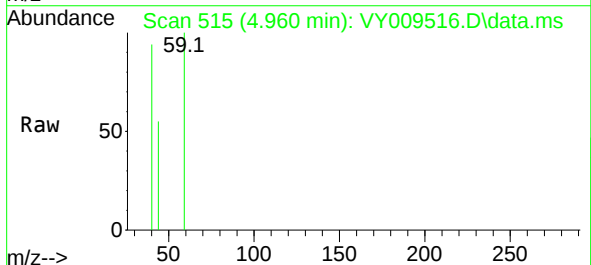


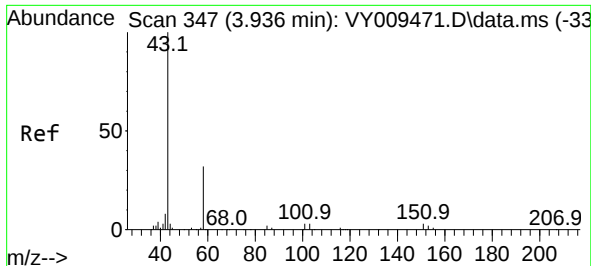
Tgt Ion:142 Resp: 52
Ion Ratio Lower Upper
142 100
127 36.5 41.5 62.3#
141 0.0 11.9 17.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY009516.D
Acq: 11 Jul 2022 17:26

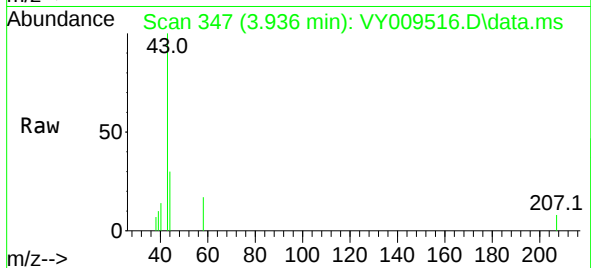
Tgt Ion: 59 Resp: 592
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



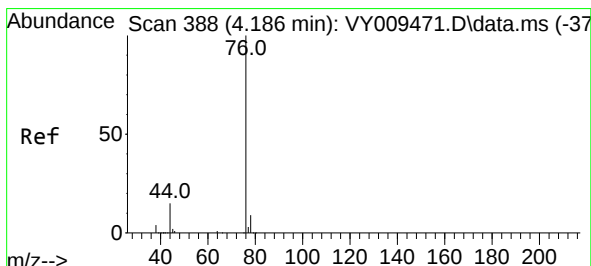
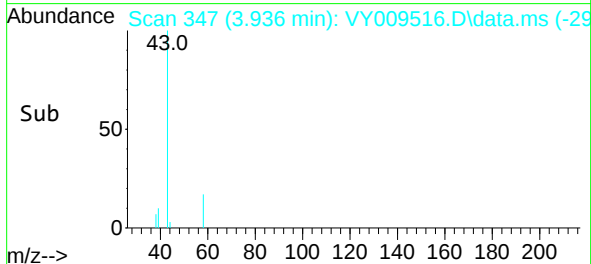
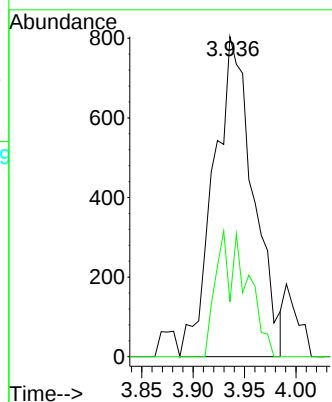


#16
Acetone
Concen: 6.199 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009516.D
Acq: 11 Jul 2022 17:26

Instrument :
MSVOA_Y
ClientSampleId :

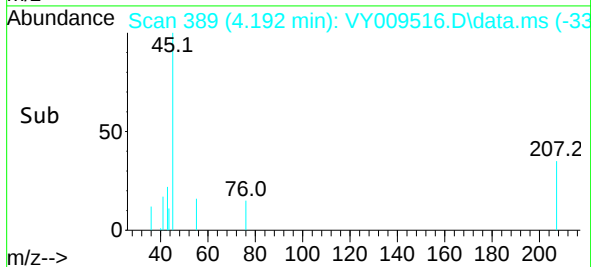
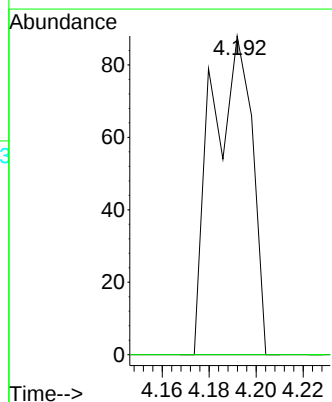
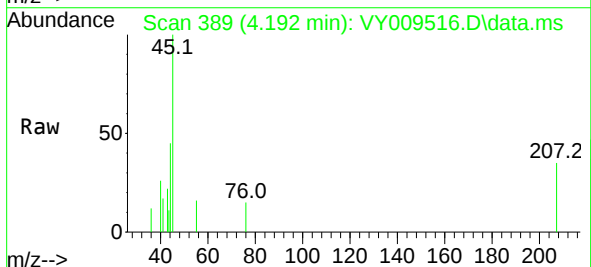


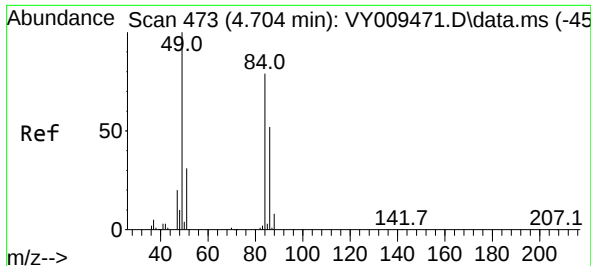
Tgt Ion: 43 Resp: 2162
Ion Ratio Lower Upper
43 100
58 17.2 22.0 33.0#



#17
Carbon Disulfide
Concen: 4.446 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY009516.D
Acq: 11 Jul 2022 17:26

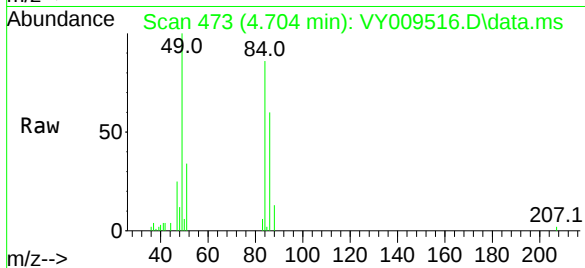
Tgt Ion: 76 Resp: 105
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



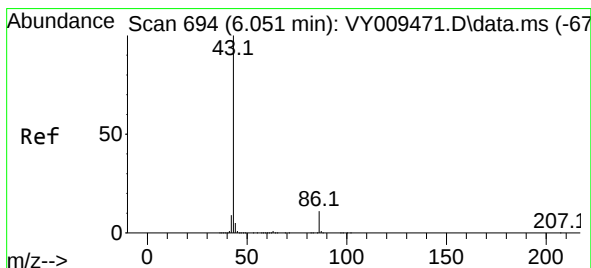
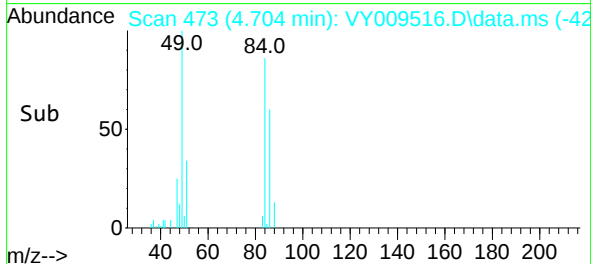
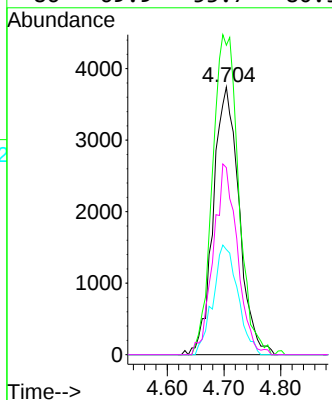


#20
Methylene Chloride
Concen: 2.686 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009516.D
Acq: 11 Jul 2022 17:26

Instrument :
MSVOA_Y
ClientSampleId :

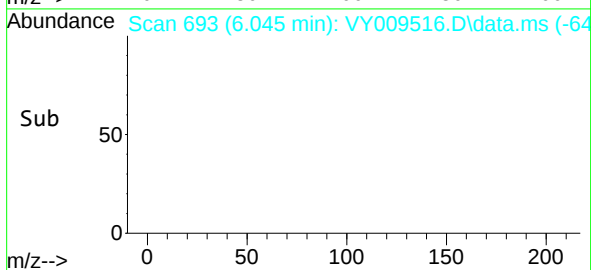
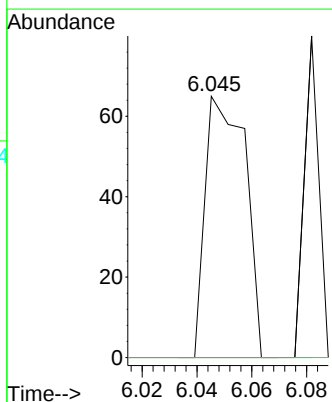
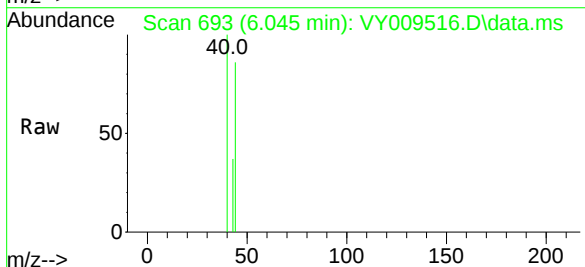


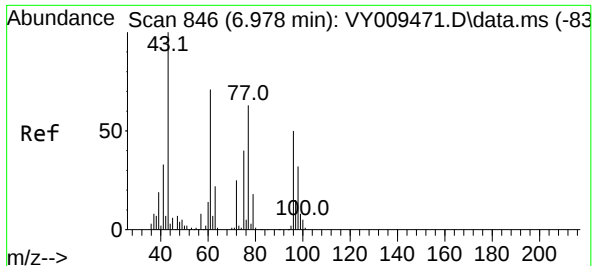
Tgt Ion:	84	Resp:	11820
Ion	Ratio	Lower	Upper
84	100		
49	115.6	114.4	171.6
51	39.3	35.3	52.9
86	69.9	53.7	80.5



#23
Vinyl Acetate
Concen: Below Cal
RT: 6.045 min Scan# 693
Delta R.T. -0.006 min
Lab File: VY009516.D
Acq: 11 Jul 2022 17:26

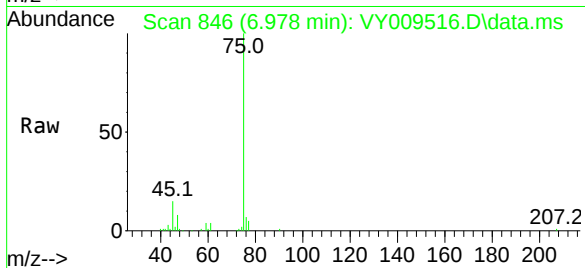
Tgt Ion:	43	Resp:	66
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.1	10.7#



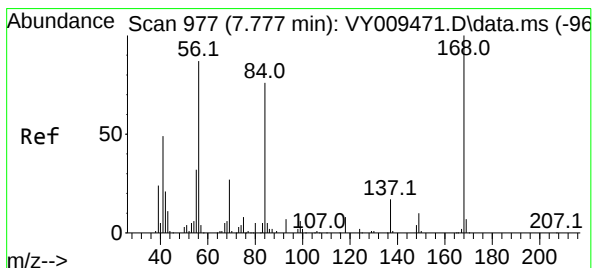
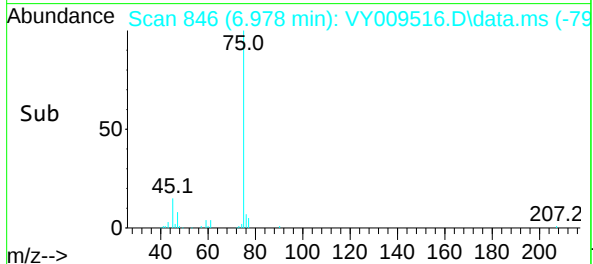
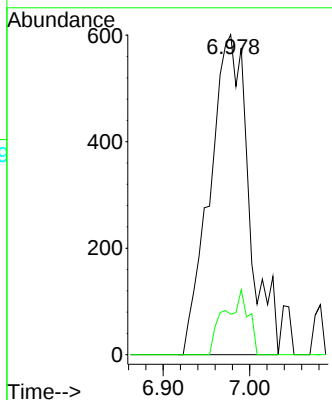


#25
2-Butanone
Concen: 3.327 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY009516.D
Acq: 11 Jul 2022 17:26

Instrument :
MSVOA_Y
ClientSampleId :

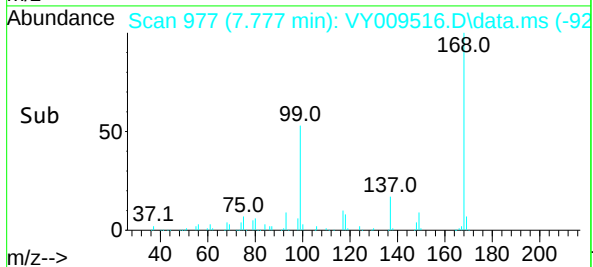
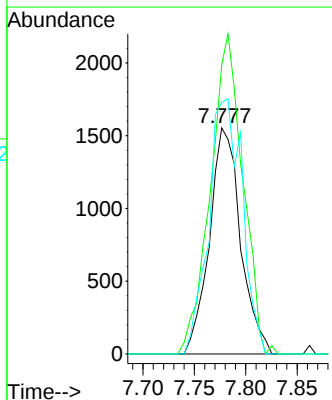
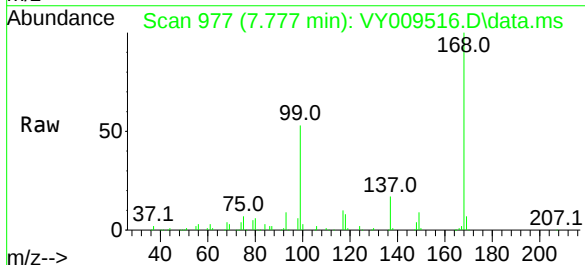


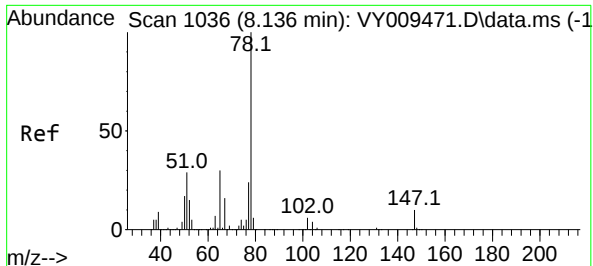
Tgt Ion: 43 Resp: 1877
Ion Ratio Lower Upper
43 100
72 12.6 17.7 26.5#



#31
Cyclohexane
Concen: 1.388 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY009516.D
Acq: 11 Jul 2022 17:26

Tgt Ion: 56 Resp: 3265
Ion Ratio Lower Upper
56 100
69 127.9 26.7 40.1#
84 111.2 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 52.537 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY009516.D

Acq: 11 Jul 2022 17:26

Instrument :

MSVOA_Y

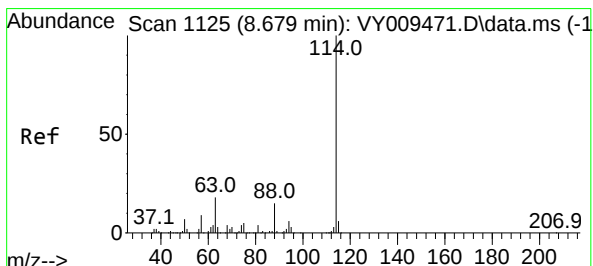
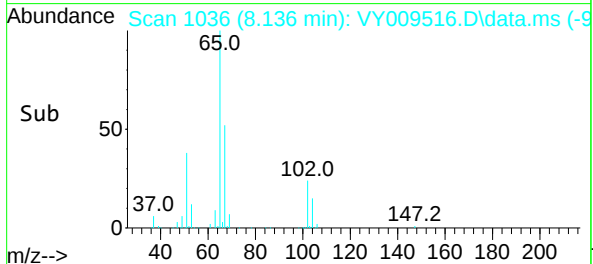
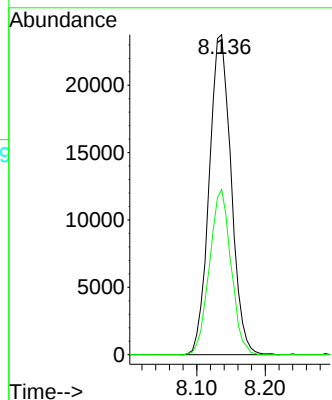
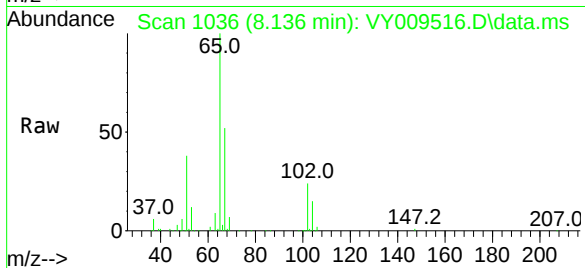
ClientSampleId :

Tgt Ion: 65 Resp: 52723

Ion Ratio Lower Upper

65 100

67 50.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009516.D

Acq: 11 Jul 2022 17:26

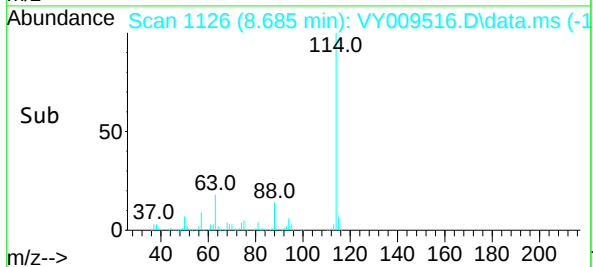
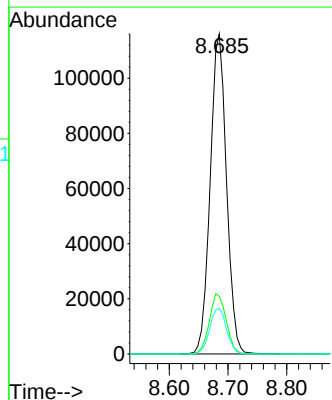
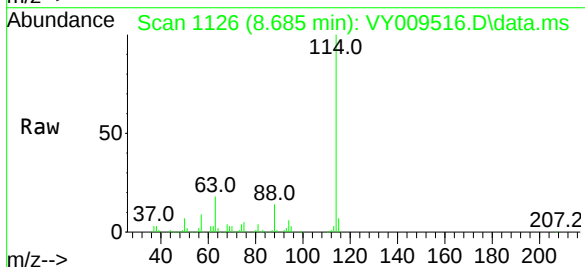
Tgt Ion: 114 Resp: 223620

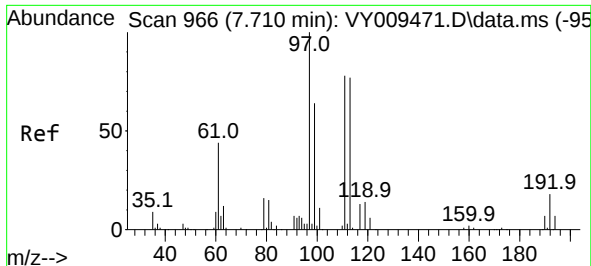
Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

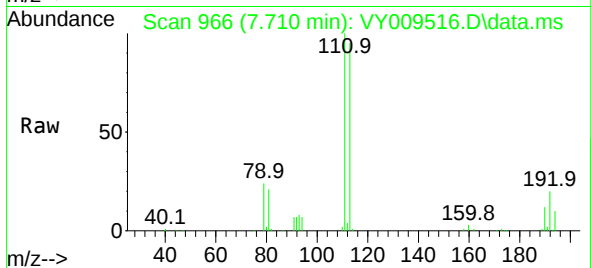
88 14.2 0.0 31.8



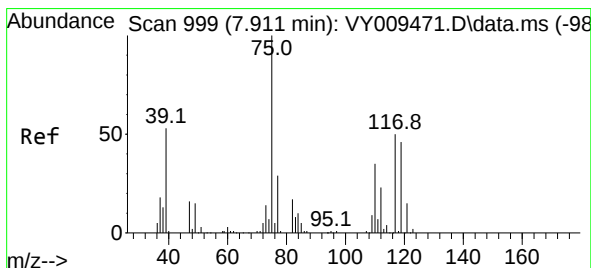
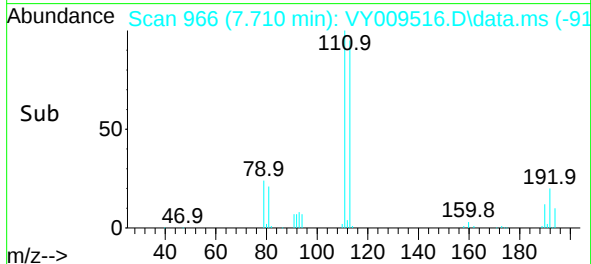
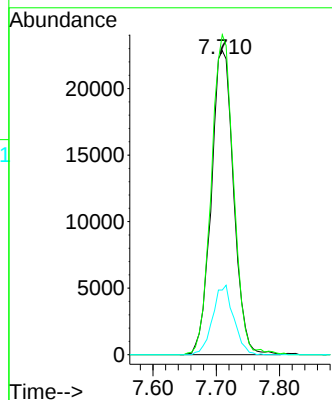


#35
Dibromofluoromethane
Concen: 47.649 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY009516.D
Acq: 11 Jul 2022 17:26

Instrument :
MSVOA_Y
ClientSampleId :

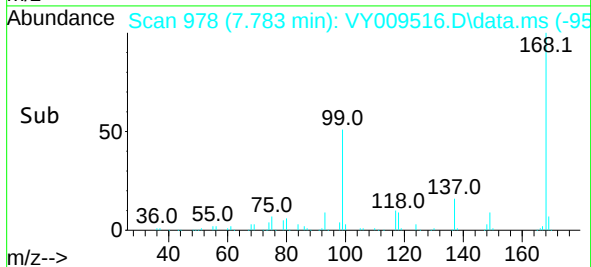
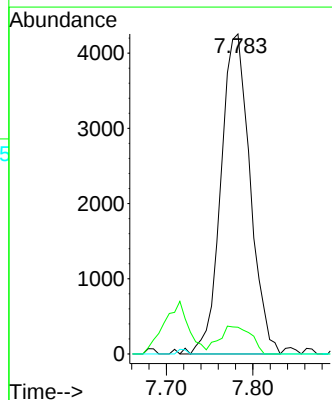
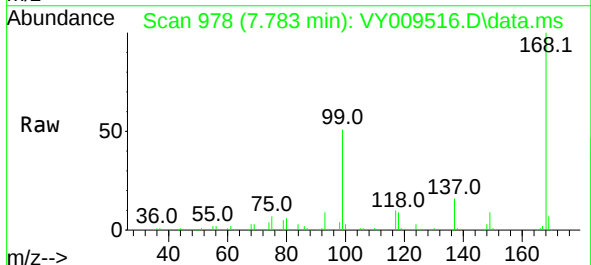


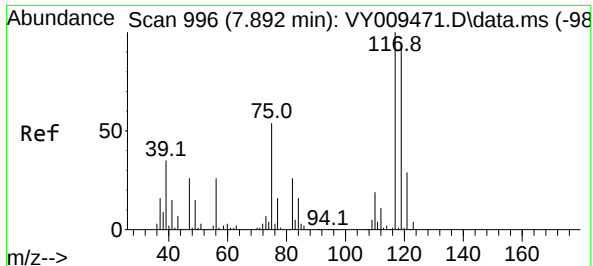
Tgt Ion:113 Resp: 56065
Ion Ratio Lower Upper
113 100
111 104.6 82.6 124.0
192 21.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.195 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009516.D
Acq: 11 Jul 2022 17:26

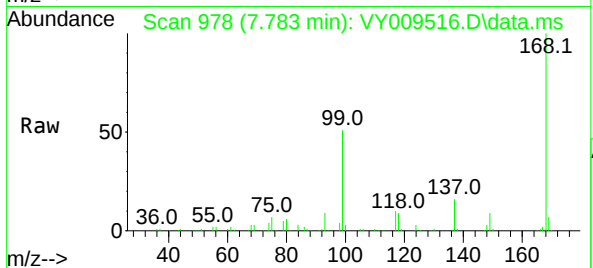
Tgt Ion: 75 Resp: 9952
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.0 24.4 36.6#



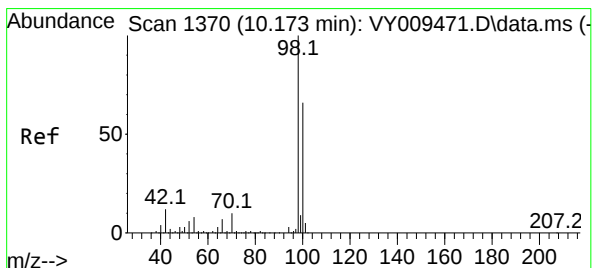
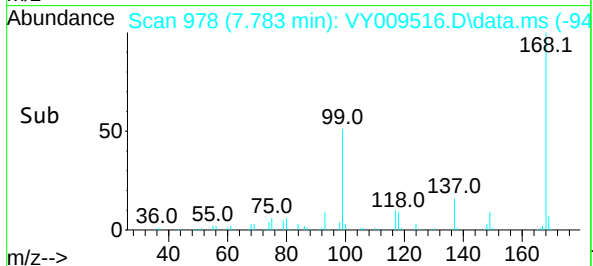
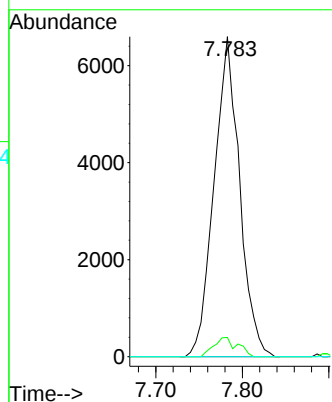


#38
Carbon Tetrachloride
Concen: 6.583 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY009516.D
Acq: 11 Jul 2022 17:26

Instrument :
MSVOA_Y
ClientSampleId :

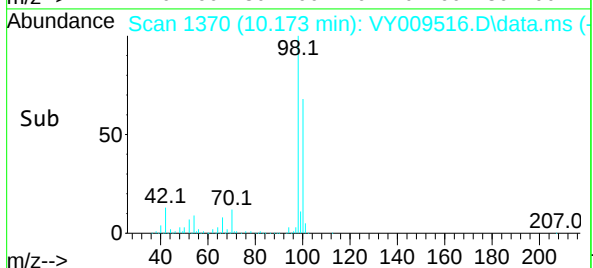
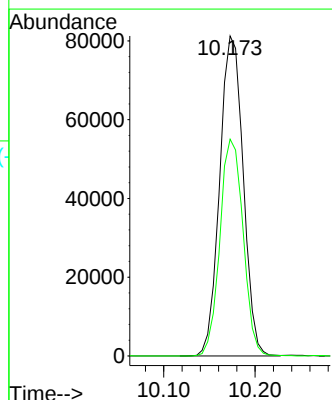
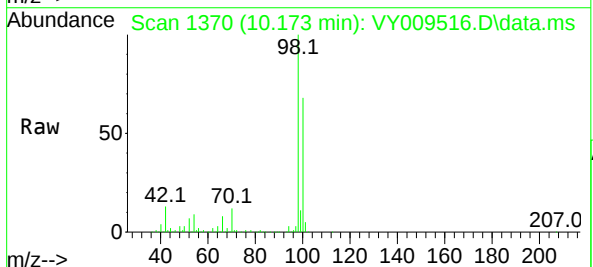


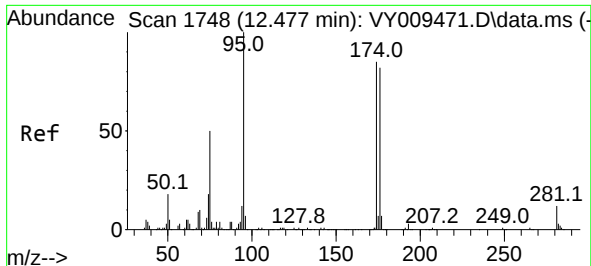
Tgt Ion:117 Resp: 13486
Ion Ratio Lower Upper
117 100
119 6.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 44.055 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009516.D
Acq: 11 Jul 2022 17:26

Tgt Ion: 98 Resp: 145237
Ion Ratio Lower Upper
98 100
100 66.8 50.2 75.2

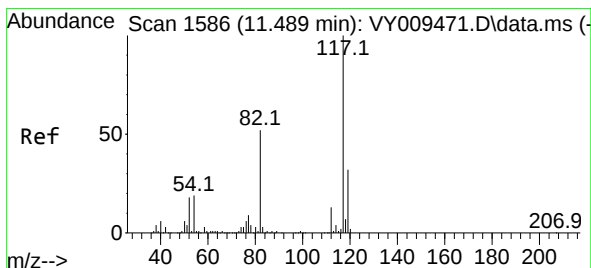
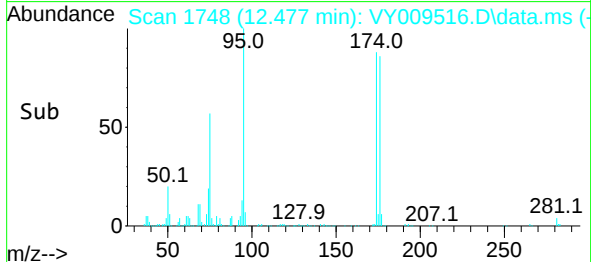
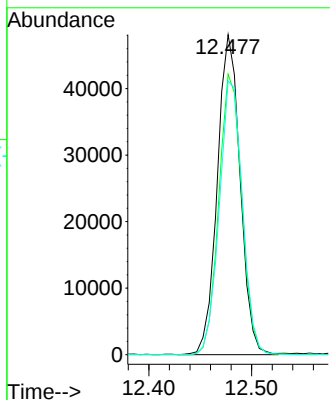
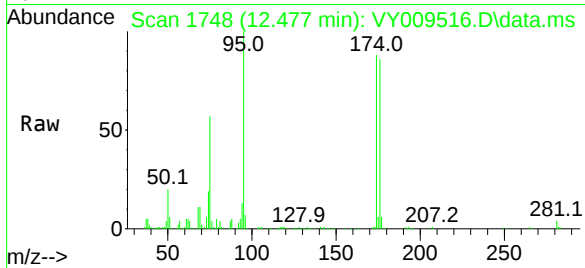




#62
4-Bromofluorobenzene
Concen: 44.656 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009516.D
Acq: 11 Jul 2022 17:26

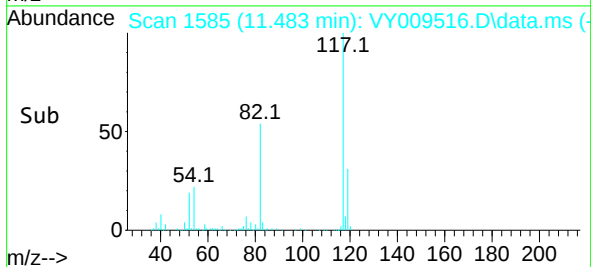
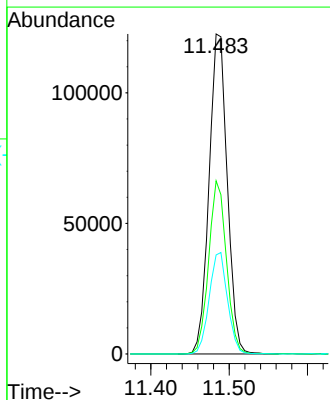
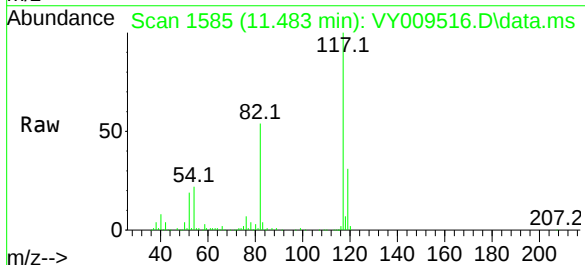
Instrument :
MSVOA_Y
ClientSampleId :

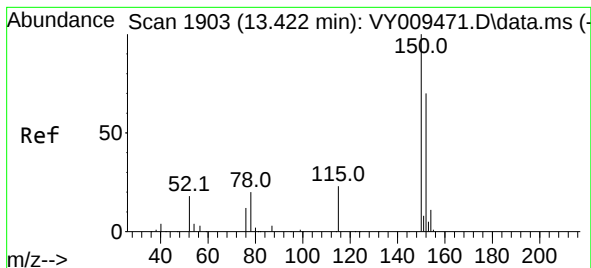
Tgt Ion: 95 Resp: 74169
Ion Ratio Lower Upper
95 100
174 88.1 0.0 177.0
176 86.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY009516.D
Acq: 11 Jul 2022 17:26

Tgt Ion: 117 Resp: 197603
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 31.0 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009516.D

Acq: 11 Jul 2022 17:26

Instrument :

MSVOA_Y

ClientSampleId :

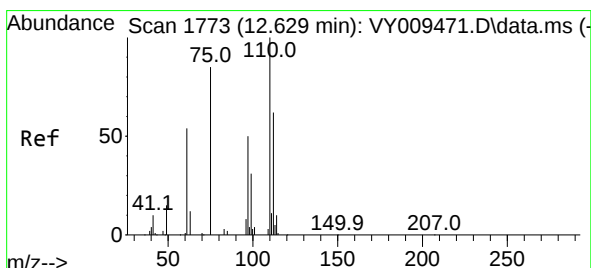
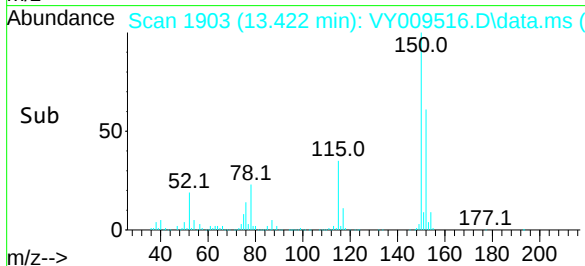
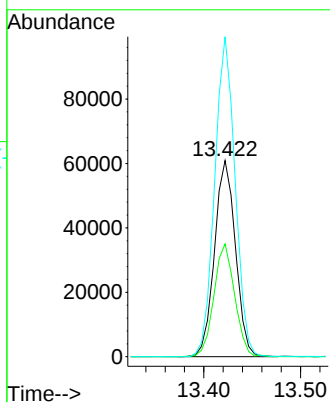
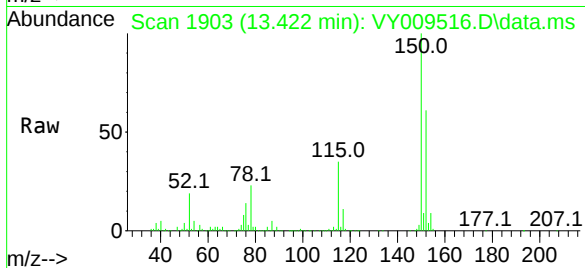
Tgt Ion:152 Resp: 91728

Ion Ratio Lower Upper

152 100

115 56.8 28.2 84.7

150 158.9 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 40.941 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY009516.D

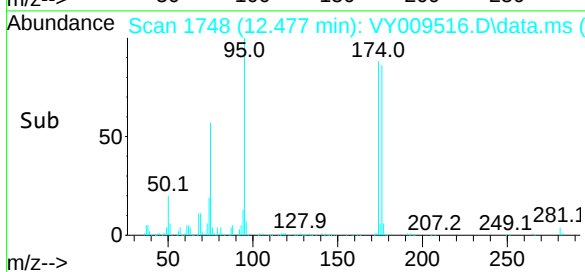
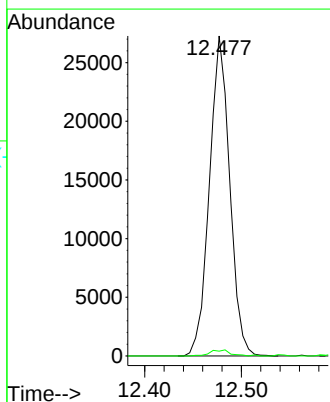
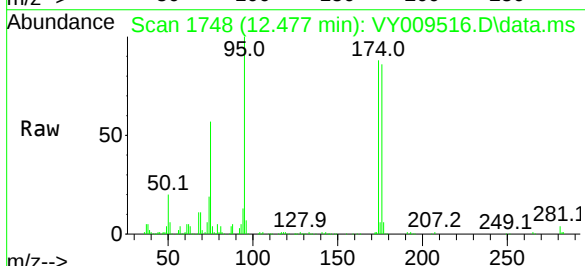
Acq: 11 Jul 2022 17:26

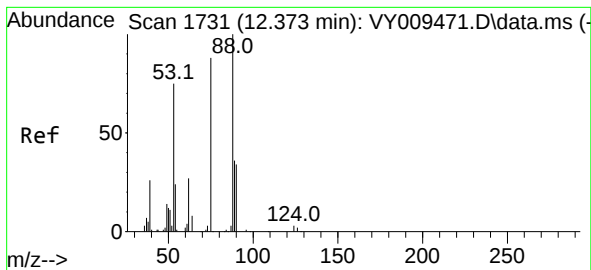
Tgt Ion: 75 Resp: 39754

Ion Ratio Lower Upper

75 100

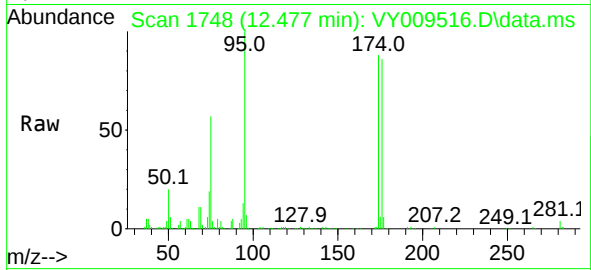
77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.791 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009516.D
 Acq: 11 Jul 2022 17:26

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	85.3	127.9#
89	0.1	37.0	55.4#

