

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051322\
 Data File : VY008756.D
 Acq On : 13 May 2022 17:58
 Operator : KP/MD
 Sample : N2781-21
 Misc : 5.74g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P018-SS001-0612-01

Quant Time: May 16 05:54:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051222S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 13 02:08:33 2022
 Response via : Initial Calibration

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

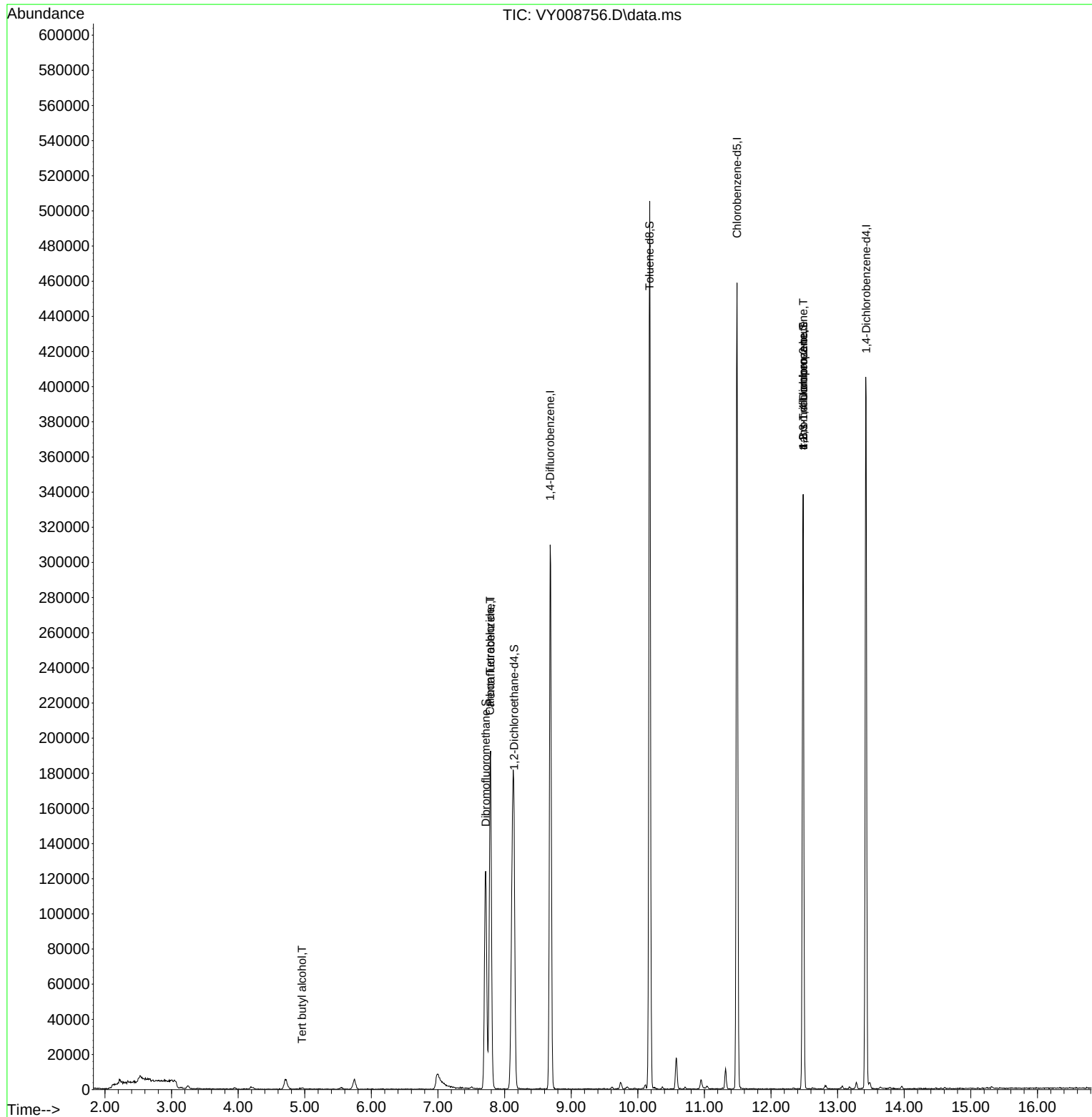
Internal Standards						
1) Pentafluorobenzene	7.789	168	146042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	265915	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	244312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	96549	66.383	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.760%	
35) Dibromofluoromethane	7.716	113	85951	53.854	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.700%	
50) Toluene-d8	10.179	98	320167	53.194	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.380%	
62) 4-Bromofluorobenzene	12.483	95	91689	43.968	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.940%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	435	Below Cal	#	77
4) Vinyl Chloride	2.247	62	70	Below Cal	#	41
5) Bromomethane	2.649	94	222	Below Cal	#	47
6) Chloroethane	2.796	64	34	Below Cal	#	42
11) Tert butyl alcohol	4.960	59	954	2.816	ug/l #	82
16) Acetone	3.954	43	834	Below Cal	#	63
18) Methyl Acetate	4.466	43	19	Below Cal	#	49
20) Methylene Chloride	4.716	84	4173	Below Cal	#	83
31) Cyclohexane	7.783	56	3163	Below Cal	#	36
38) Carbon Tetrachloride	7.783	117	15384	5.713	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	52417	51.912	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52417	100.288	ug/l #	16

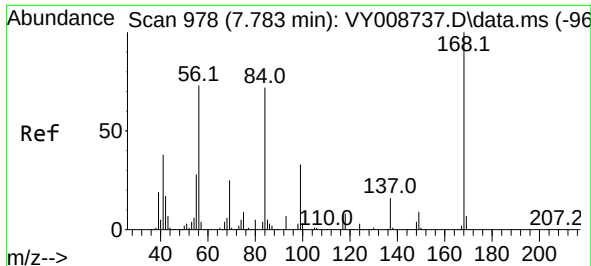
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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P018-SS001-0612-01

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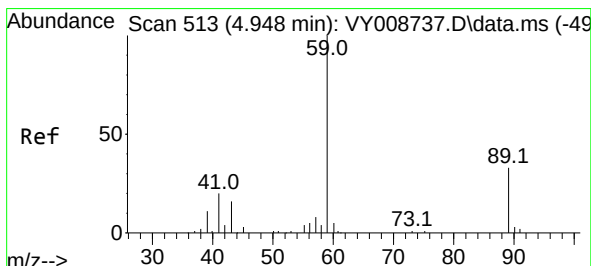
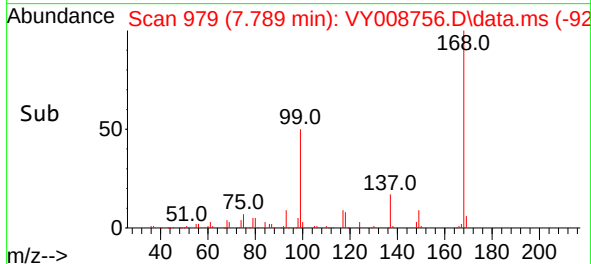
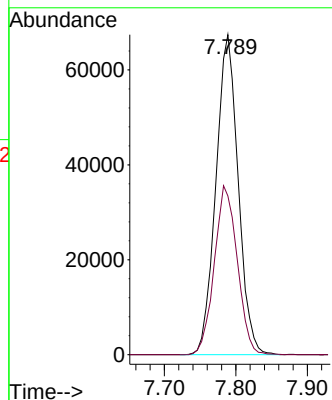
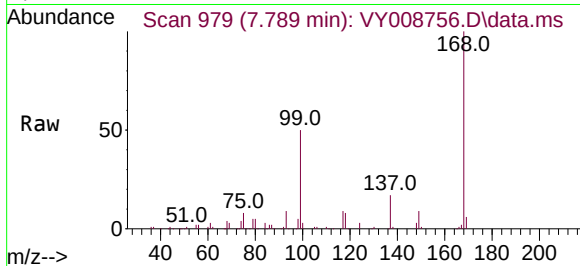




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008756.D
Acq: 13 May 2022 17:58

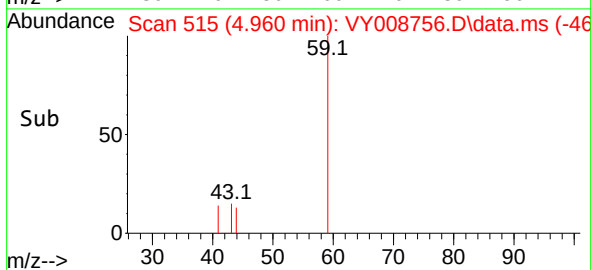
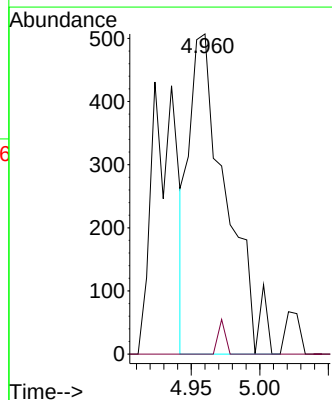
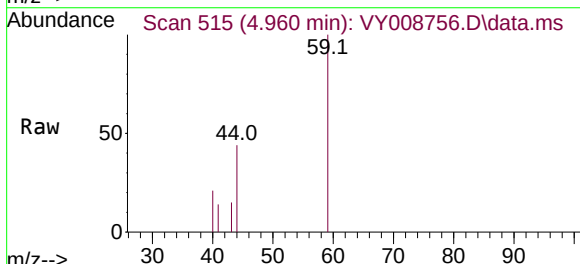
Instrument :
MSVOA_Y
ClientSampleId :
P018-SS001-0612-01

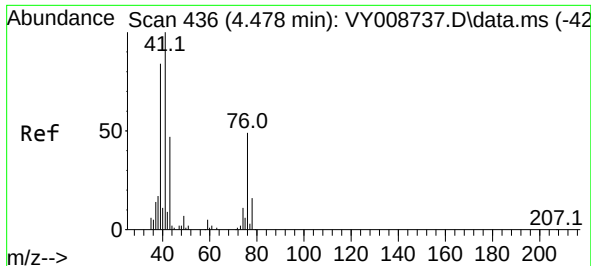
Tgt Ion:168 Resp: 146042
Ion Ratio Lower Upper
168 100
99 49.6 42.3 63.5



#11
Tert butyl alcohol
Concen: 2.816 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY008756.D
Acq: 13 May 2022 17:58

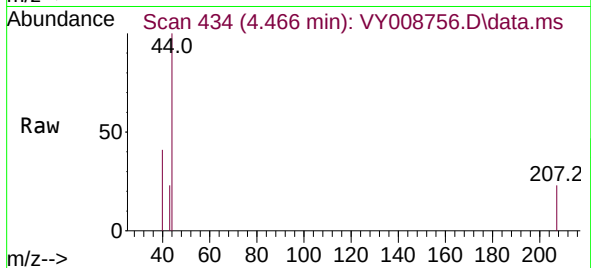
Tgt Ion: 59 Resp: 954
Ion Ratio Lower Upper
59 100
57 2.1 6.7 10.1#



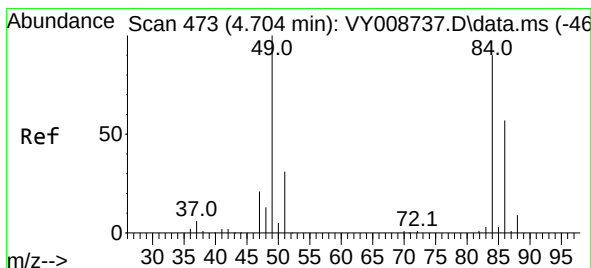
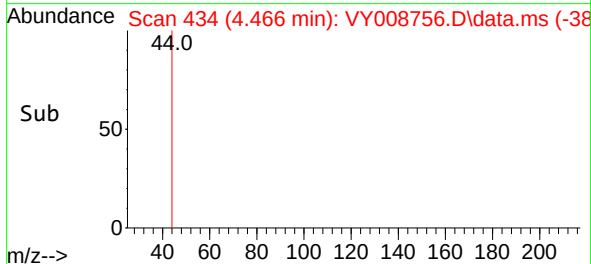
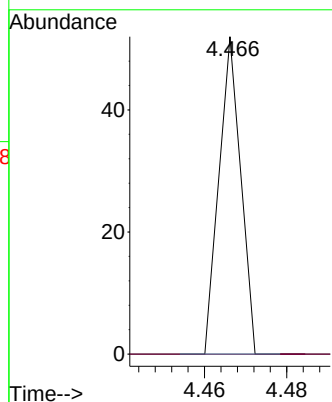


#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY008756.D
Acq: 13 May 2022 17:58

Instrument :
MSVOA_Y
ClientSampleId :
P018-SS001-0612-01

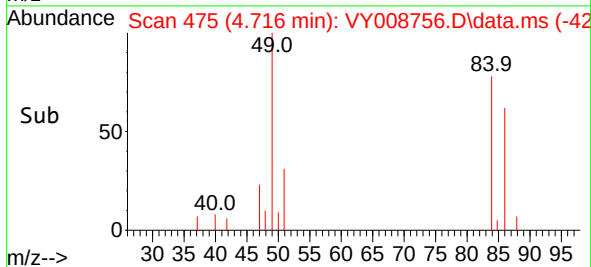
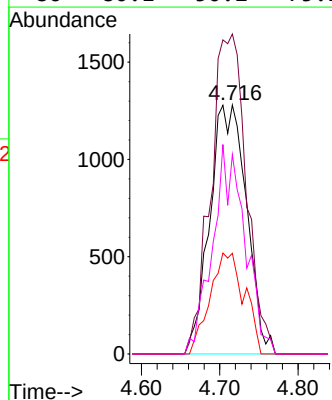
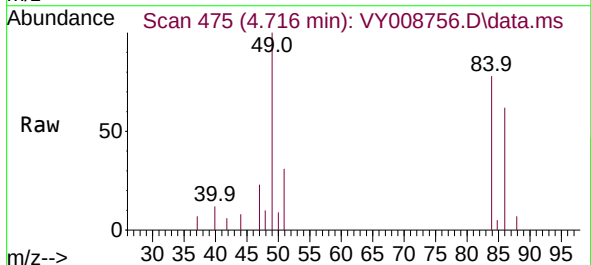


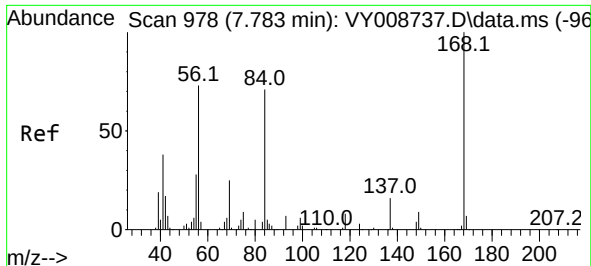
Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
74 0.0 20.6 31.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY008756.D
Acq: 13 May 2022 17:58

Tgt Ion: 84 Resp: 4173
Ion Ratio Lower Upper
84 100
49 128.5 88.6 133.0
51 40.5 27.4 41.0
86 80.1 50.2 75.2#

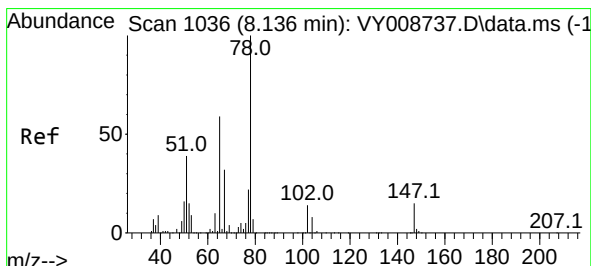
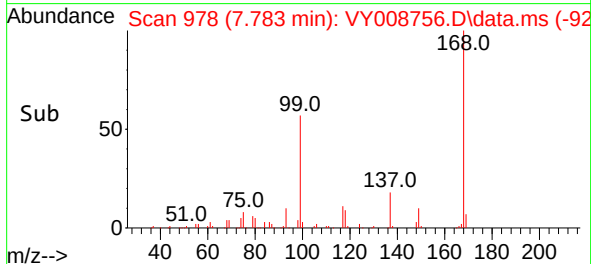
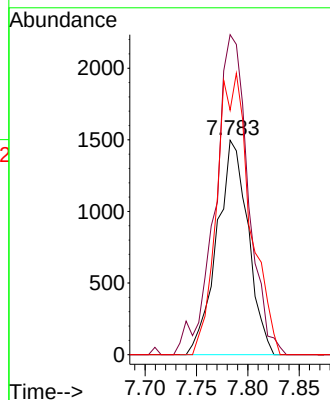
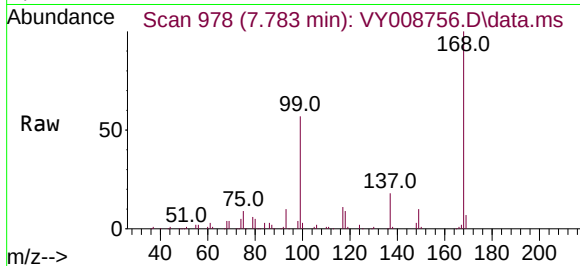




#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008756.D
Acq: 13 May 2022 17:58

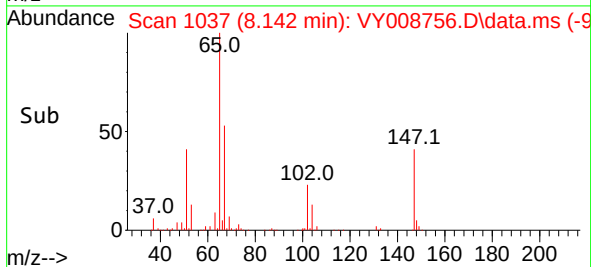
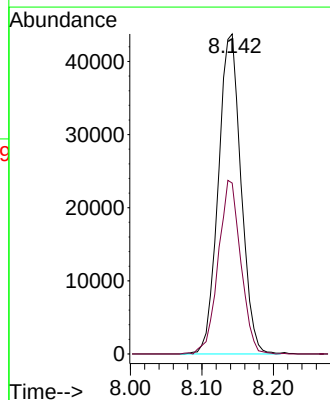
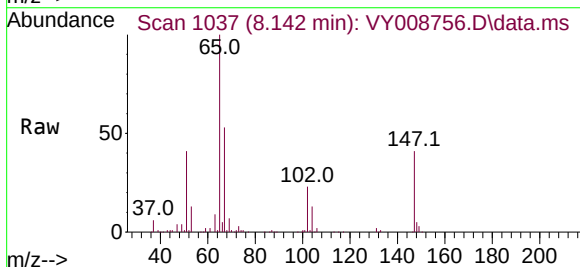
Instrument :
MSVOA_Y
ClientSampleId :
P018-SS001-0612-01

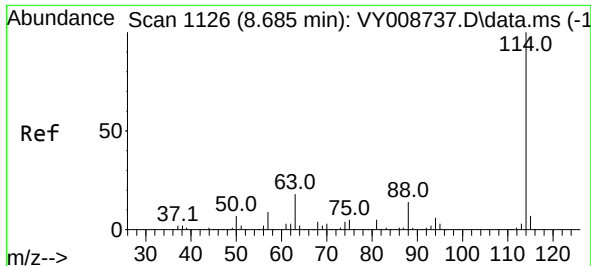
Tgt Ion: 56 Resp: 3163
Ion Ratio Lower Upper
56 100
69 145.8 27.4 41.0#
84 114.0 77.5 116.3



#33
1,2-Dichloroethane-d4
Concen: 66.383 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008756.D
Acq: 13 May 2022 17:58

Tgt Ion: 65 Resp: 96549
Ion Ratio Lower Upper
65 100
67 53.7 0.0 110.0

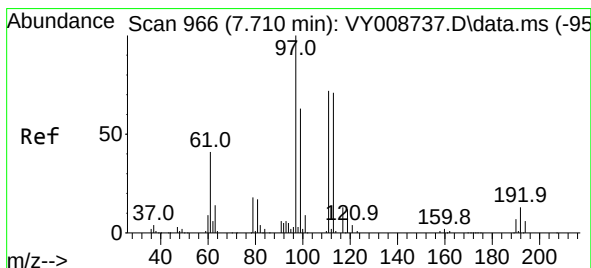
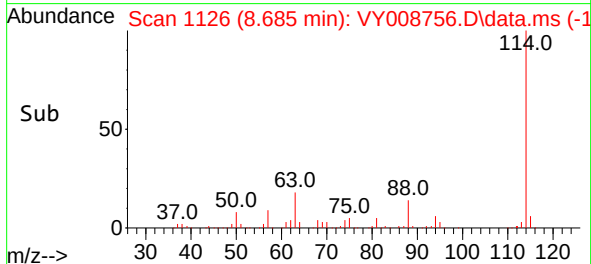
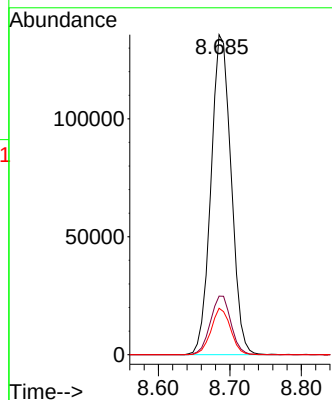
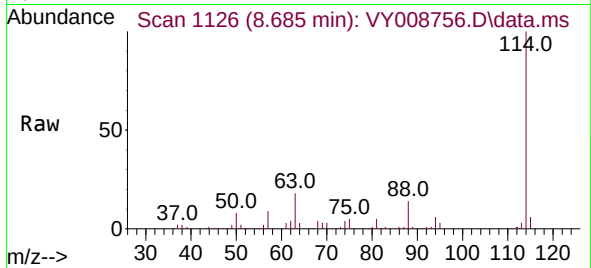




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY008756.D
Acq: 13 May 2022 17:58

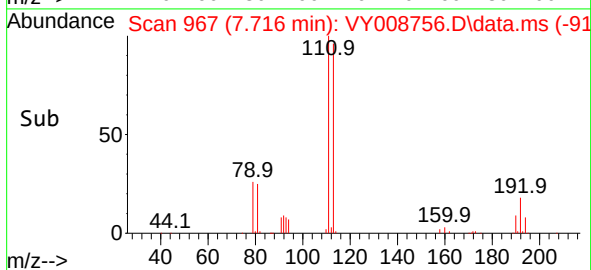
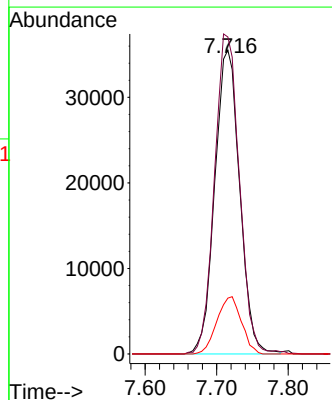
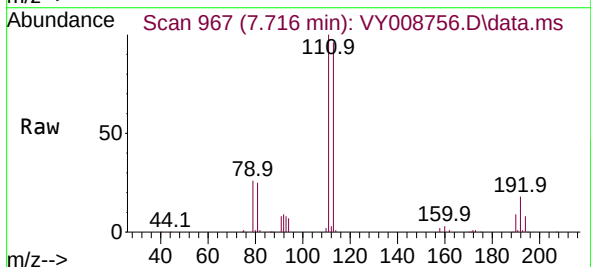
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ClientSampleId :
P018-SS001-0612-01

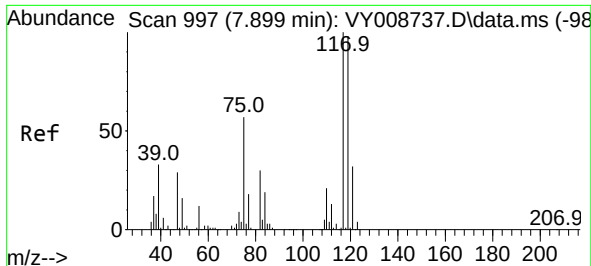
Tgt Ion:114 Resp: 265915
Ion Ratio Lower Upper
114 100
63 18.3 0.0 36.4
88 14.5 0.0 27.4



#35
Dibromofluoromethane
Concen: 53.854 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY008756.D
Acq: 13 May 2022 17:58

Tgt Ion:113 Resp: 85951
Ion Ratio Lower Upper
113 100
111 105.0 81.8 122.6
192 18.5 14.5 21.7

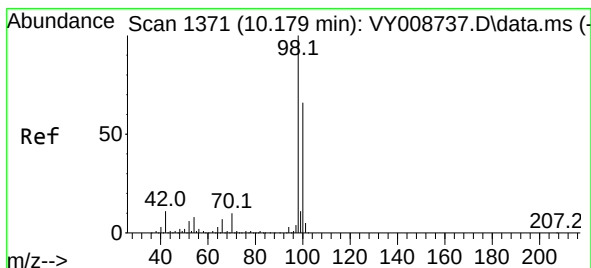
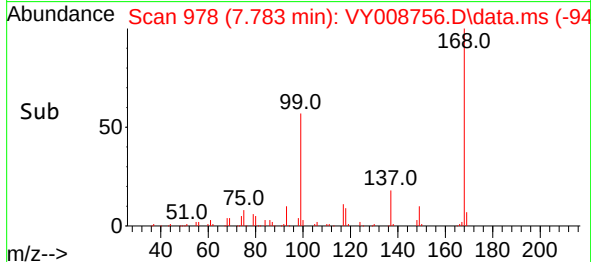
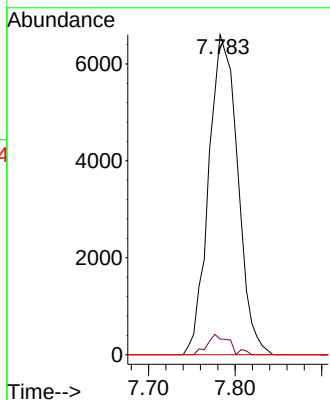
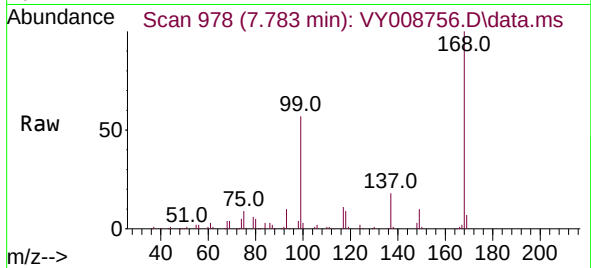




#38
Carbon Tetrachloride
Concen: 5.713 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008756.D
Acq: 13 May 2022 17:58

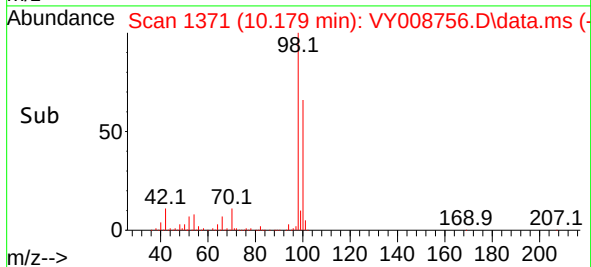
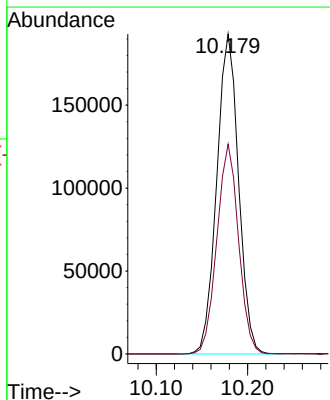
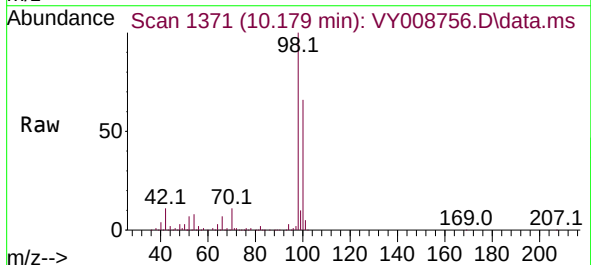
Instrument :
MSVOA_Y
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P018-SS001-0612-01

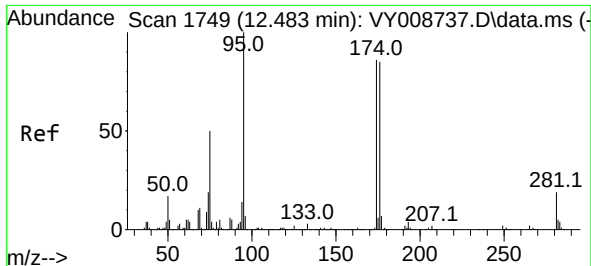
Tgt Ion:117 Resp: 15384
Ion Ratio Lower Upper
117 100
119 4.9 78.5 117.7#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 53.194 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008756.D
Acq: 13 May 2022 17:58

Tgt Ion: 98 Resp: 320167
Ion Ratio Lower Upper
98 100
100 65.1 52.8 79.2

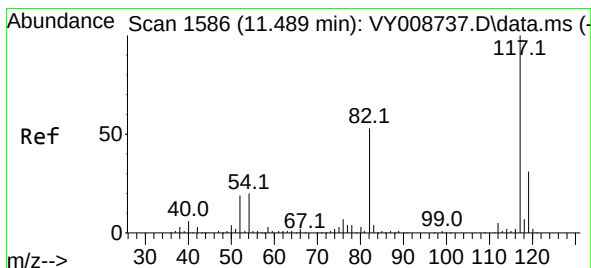
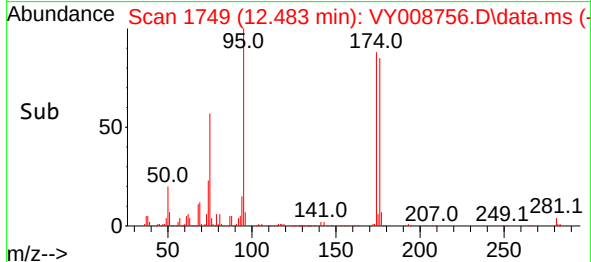
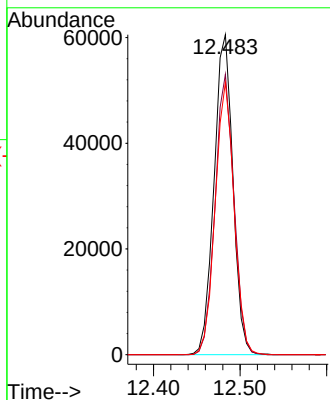
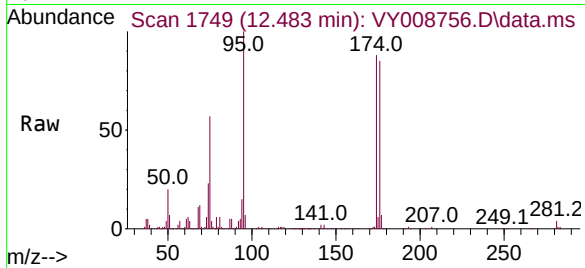




#62
4-Bromofluorobenzene
Concen: 43.968 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008756.D
Acq: 13 May 2022 17:58

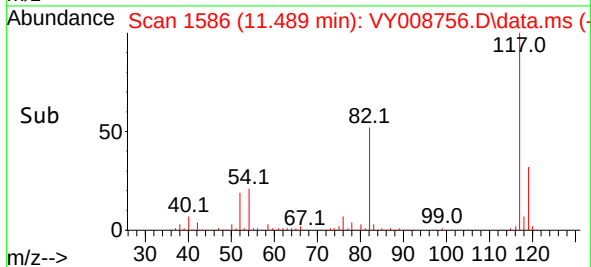
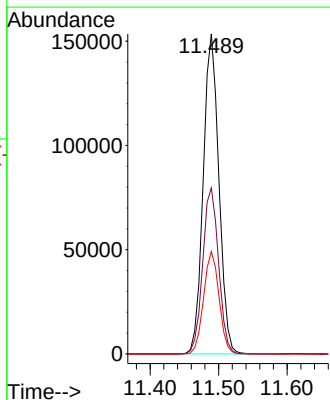
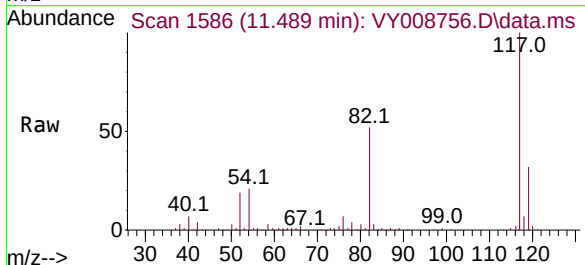
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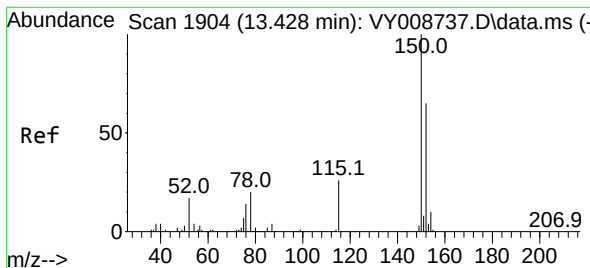
Tgt Ion: 95 Resp: 91689
Ion Ratio Lower Upper
95 100
174 87.3 0.0 171.2
176 85.1 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY008756.D
Acq: 13 May 2022 17:58

Tgt Ion: 117 Resp: 244312
Ion Ratio Lower Upper
117 100
82 51.9 42.3 63.5
119 32.0 24.6 37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY008756.D

Acq: 13 May 2022 17:58

Instrument :

MSVOA_Y

ClientSampleId :

P018-SS001-0612-01

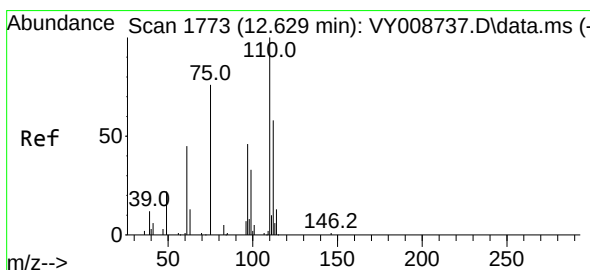
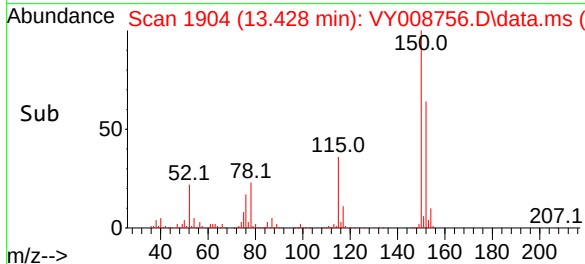
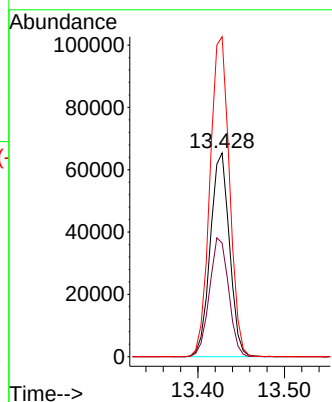
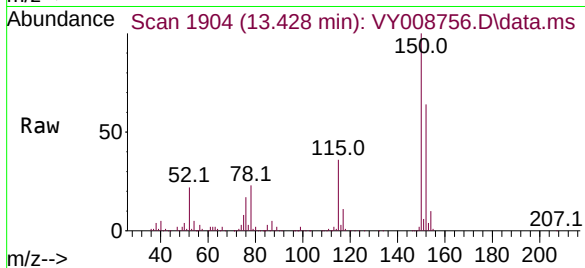
Tgt Ion:152 Resp: 100343

Ion Ratio Lower Upper

152 100

115 58.5 28.2 84.7

150 159.8 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 51.912 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY008756.D

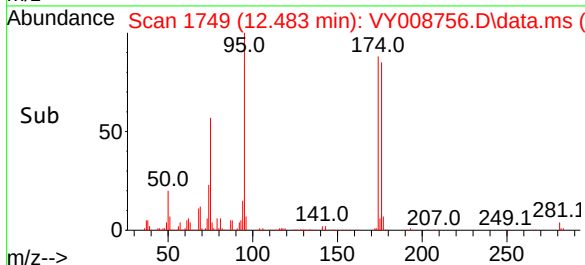
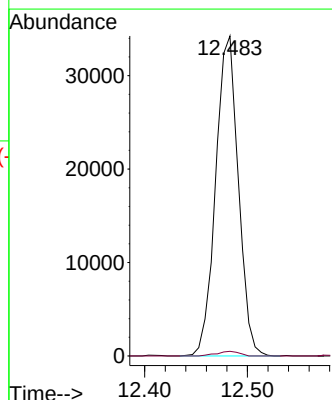
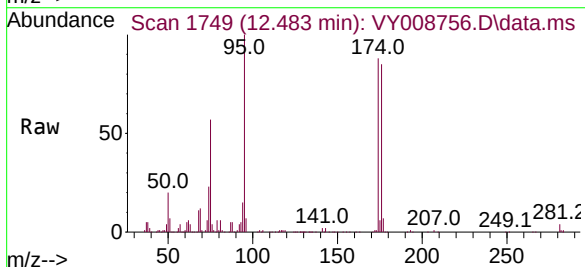
Acq: 13 May 2022 17:58

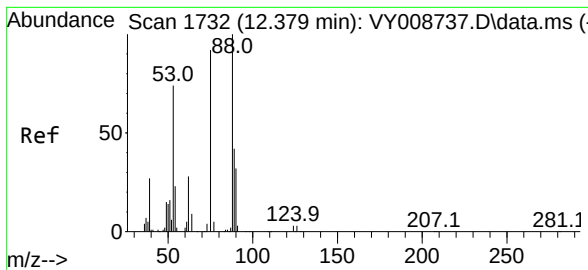
Tgt Ion: 75 Resp: 52417

Ion Ratio Lower Upper

75 100

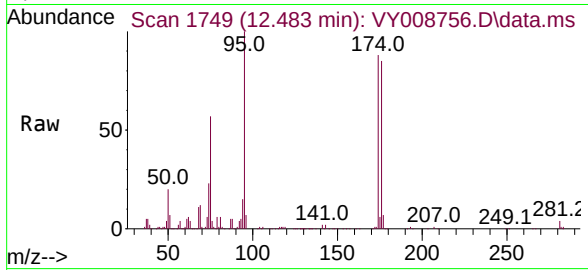
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.288 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008756.D
 Acq: 13 May 2022 17:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 P018-SS001-0612-01



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	66.3	99.5#
89	0.2	36.8	55.2#

