

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008721.D
 Acq On : 11 May 2022 20:44
 Operator : KP/MD
 Sample : N2781-11
 Misc : 5.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P011-SS003-0612-01

Quant Time: May 12 06:33:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

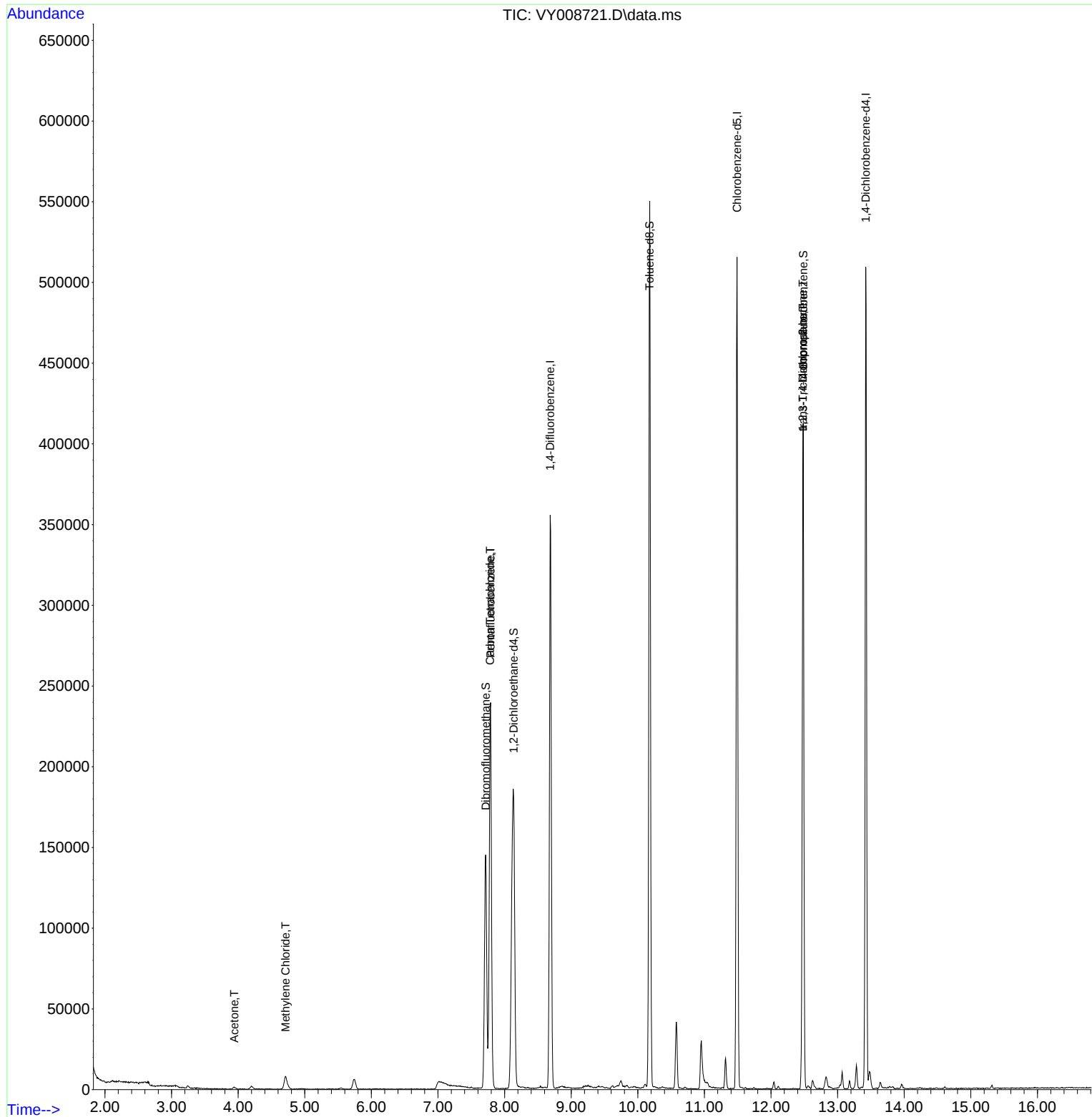
Internal Standards						
1) Pentafluorobenzene	7.789	168	203569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	324867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	301036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	140652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	98595	56.524	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.040%	
35) Dibromofluoromethane	7.716	113	103240	51.569	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.140%	
50) Toluene-d8	10.179	98	376832	53.415	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.820%	
62) 4-Bromofluorobenzene	12.483	95	120644	47.533	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.060%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	273	Below Cal	#	77
16) Acetone	3.942	43	1984	4.821	ug/l #	57
18) Methyl Acetate	4.472	43	51	Below Cal	#	56
20) Methylene Chloride	4.710	84	6732	2.694	ug/l #	69
38) Carbon Tetrachloride	7.783	117	17974	5.525	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	59180	37.325	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	59180	74.260	ug/l #	8

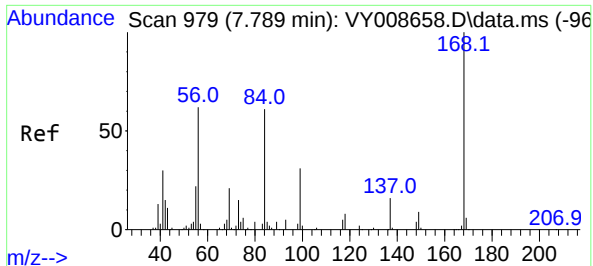
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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P011-SS003-0612-01

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Quant Title : SW846 8260
QLast Update : Mon May 09 19:21:20 2022
Response via : Initial Calibration

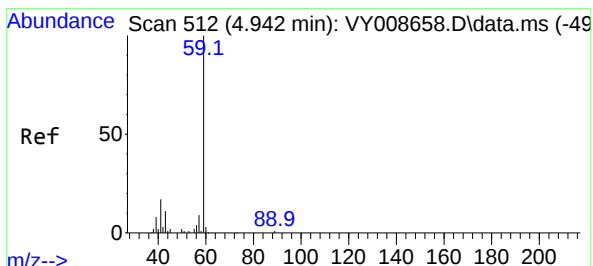
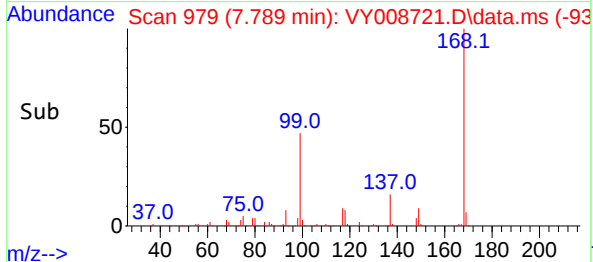
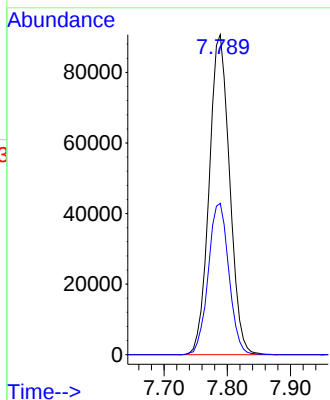
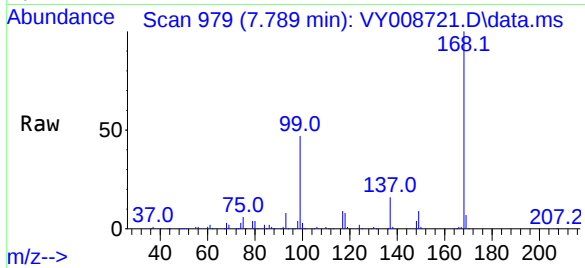




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008721.D
Acq: 11 May 2022 20:44

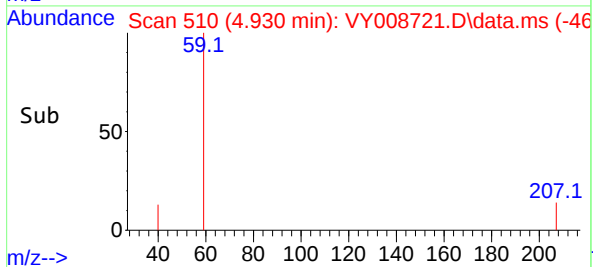
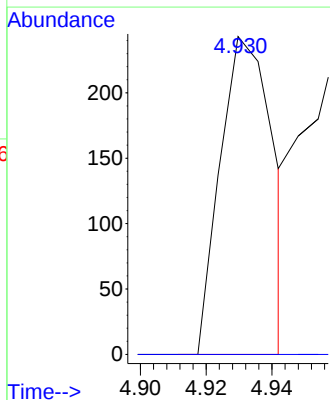
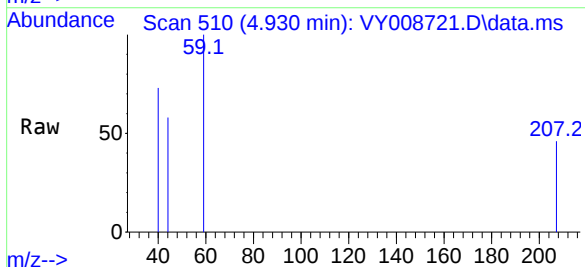
Instrument :
MSVOA_Y
ClientSampleId :
P011-SS003-0612-01

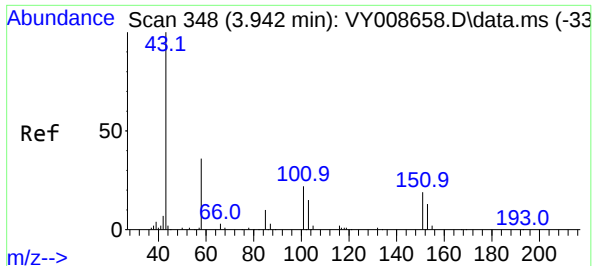
Tgt Ion:168 Resp: 203569
Ion Ratio Lower Upper
168 100
99 47.3 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.012 min
Lab File: VY008721.D
Acq: 11 May 2022 20:44

Tgt Ion: 59 Resp: 273
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

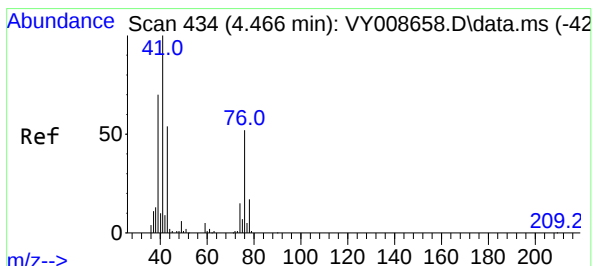
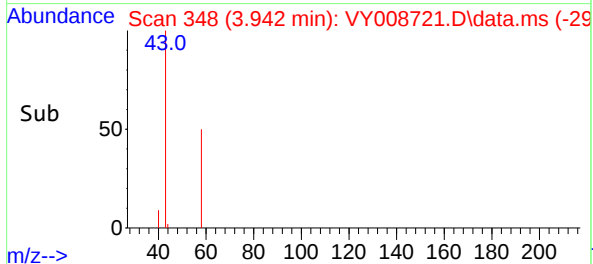
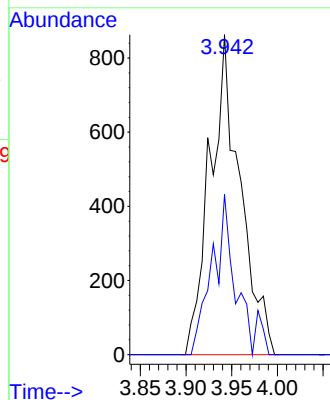
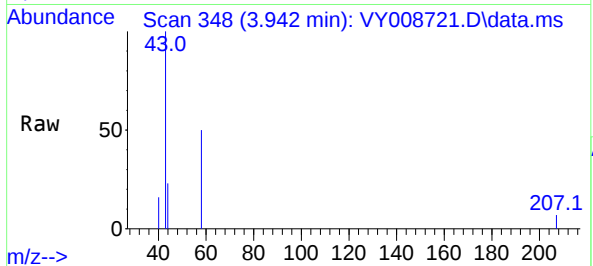




#16
Acetone
Concen: 4.821 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY008721.D
Acq: 11 May 2022 20:44

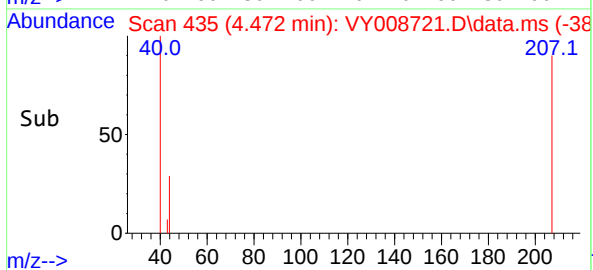
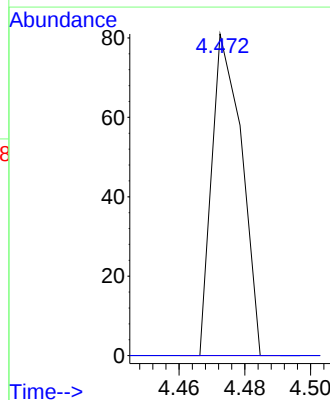
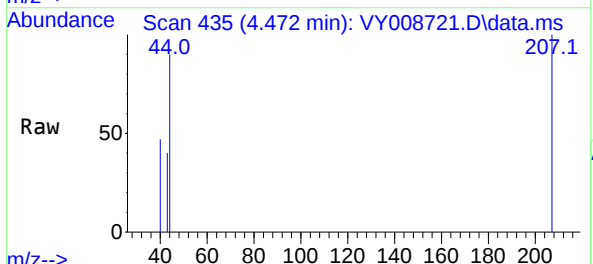
Instrument :
MSVOA_Y
ClientSampleId :
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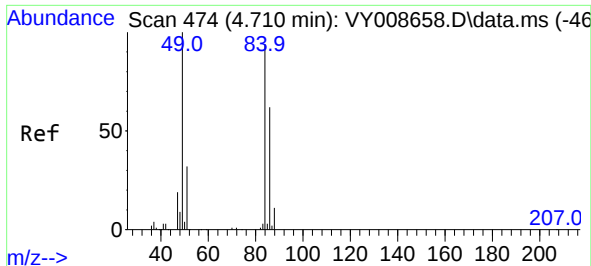
Tgt Ion: 43 Resp: 1984
Ion Ratio Lower Upper
43 100
58 50.1 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY008721.D
Acq: 11 May 2022 20:44

Tgt Ion: 43 Resp: 51
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



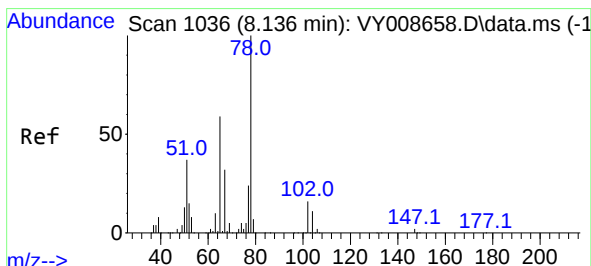
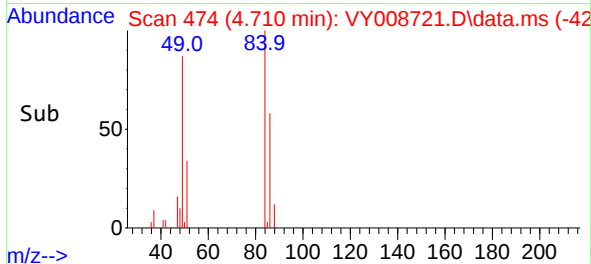
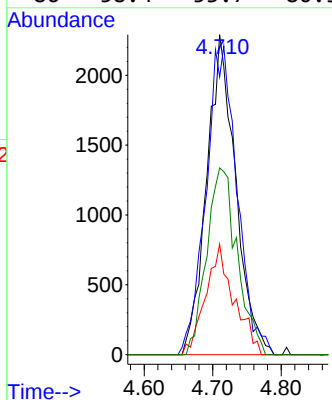
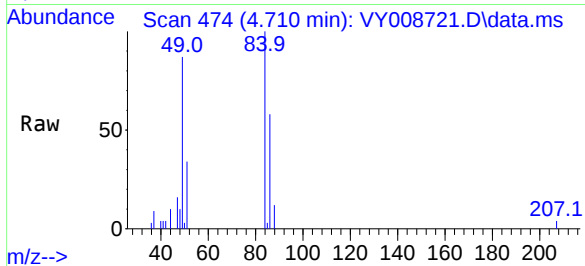


#20
Methylene Chloride
Concen: 2.694 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008721.D
Acq: 11 May 2022 20:44

Instrument :
MSVOA_Y
ClientSampleId :
P011-SS003-0612-01

Tgt Ion: 84 Resp: 6732

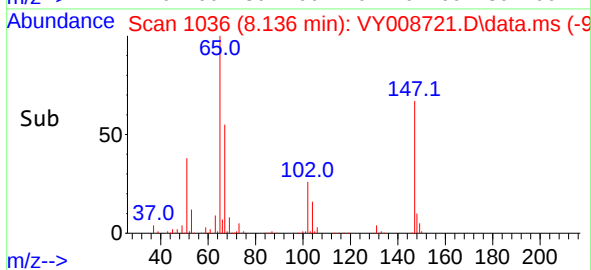
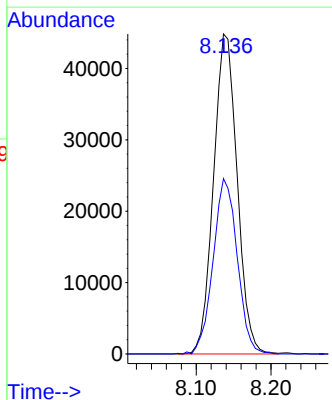
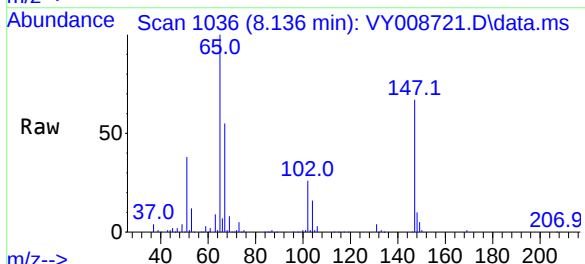
Ion	Ratio	Lower	Upper
84	100		
49	86.8	114.4	171.6#
51	34.5	35.3	52.9#
86	58.4	53.7	80.5

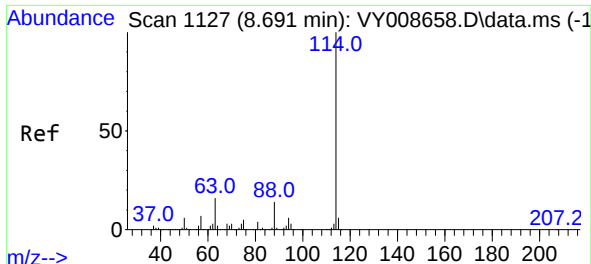


#33
1,2-Dichloroethane-d4
Concen: 56.524 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008721.D
Acq: 11 May 2022 20:44

Tgt Ion: 65 Resp: 98595

Ion	Ratio	Lower	Upper
65	100		
67	56.0	0.0	99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY008721.D

Acq: 11 May 2022 20:44

Instrument :

MSVOA_Y

ClientSampleId :

P011-SS003-0612-01

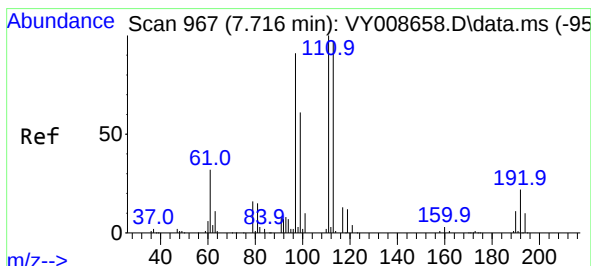
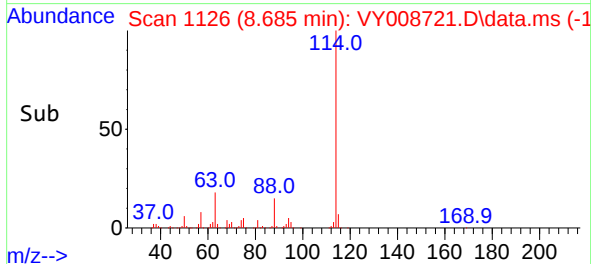
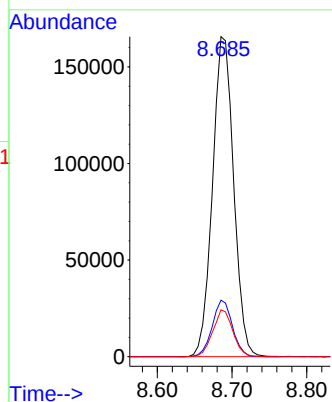
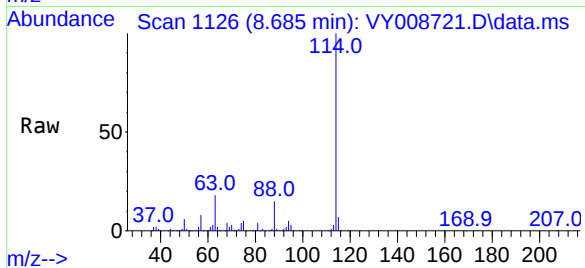
Tgt Ion:114 Resp: 324867

Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.569 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008721.D

Acq: 11 May 2022 20:44

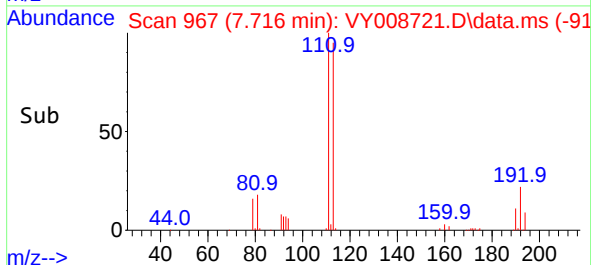
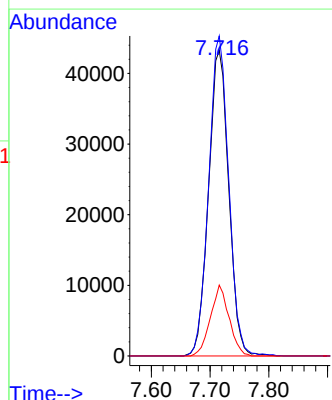
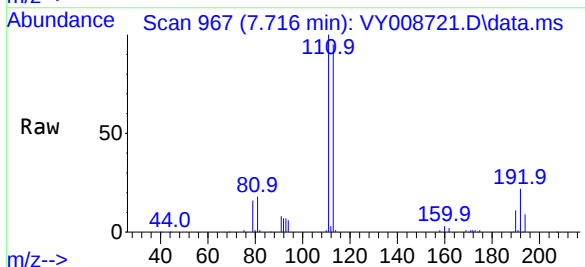
Tgt Ion:113 Resp: 103240

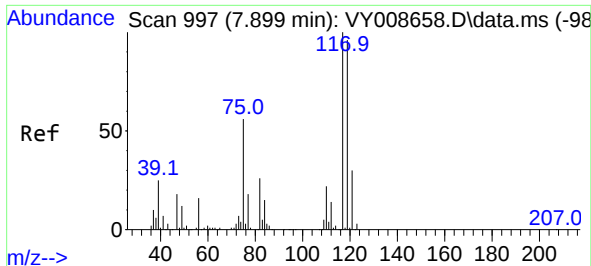
Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 21.4 17.6 26.4

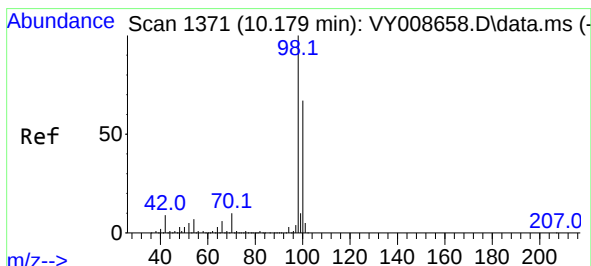
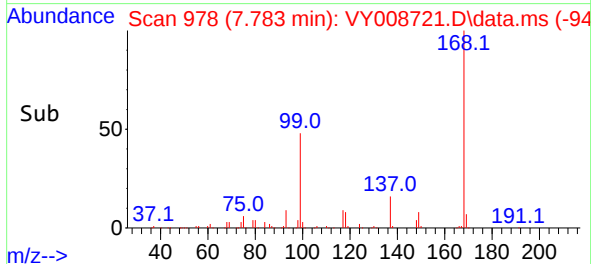
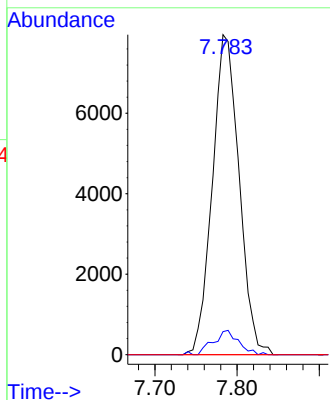
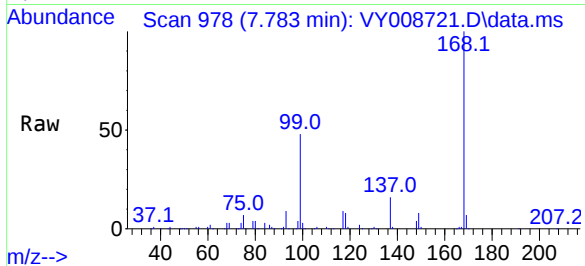




#38
Carbon Tetrachloride
Concen: 5.525 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008721.D
Acq: 11 May 2022 20:44

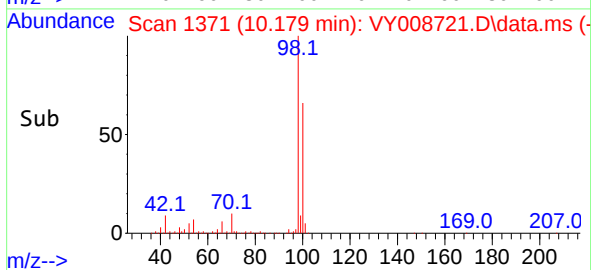
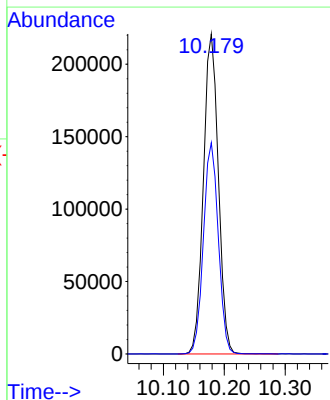
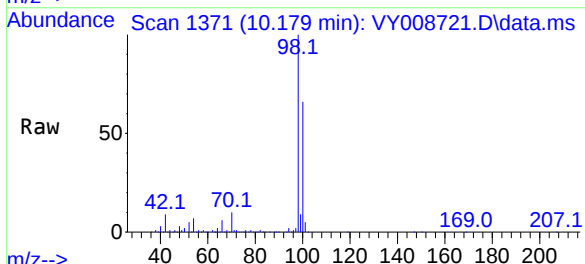
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ClientSampleId :
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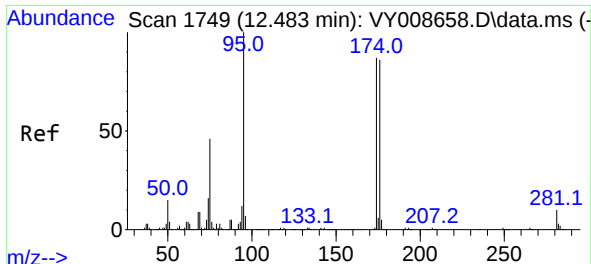
Tgt Ion: 117 Resp: 17974
Ion Ratio Lower Upper
117 100
119 7.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.415 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008721.D
Acq: 11 May 2022 20:44

Tgt Ion: 98 Resp: 376832
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2

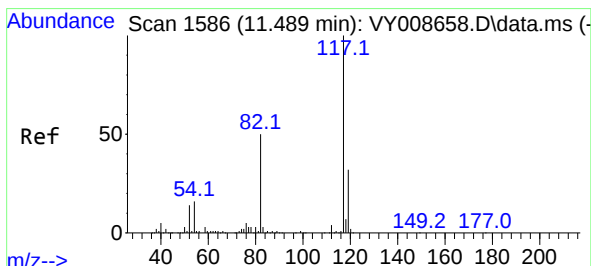
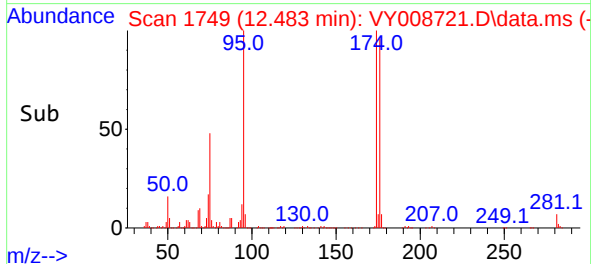
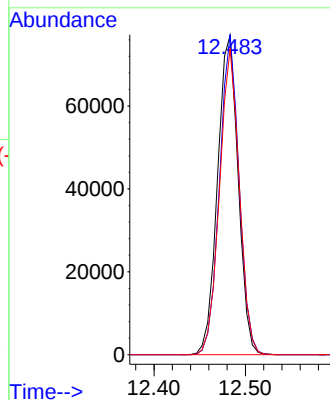
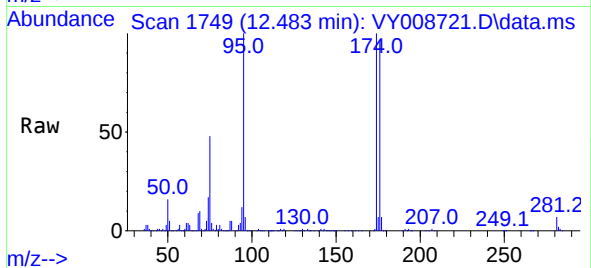




#62
4-Bromofluorobenzene
Concen: 47.533 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008721.D
Acq: 11 May 2022 20:44

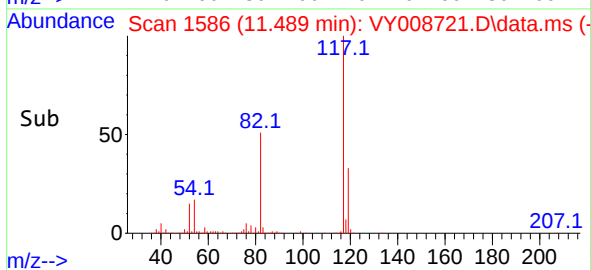
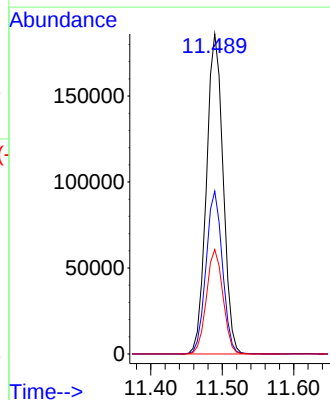
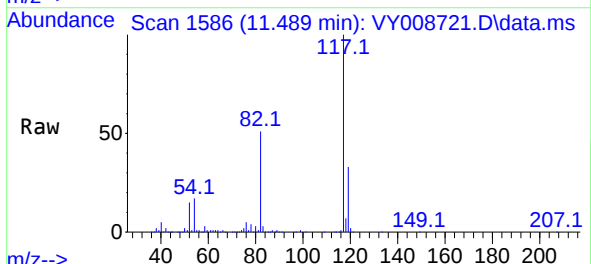
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P011-SS003-0612-01

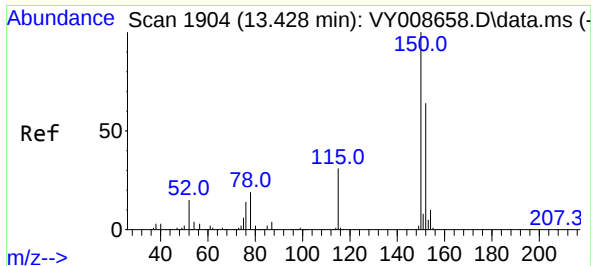
Tgt Ion: 95 Resp: 120644
Ion Ratio Lower Upper
95 100
174 95.0 0.0 177.0
176 91.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008721.D
Acq: 11 May 2022 20:44

Tgt Ion: 117 Resp: 301036
Ion Ratio Lower Upper
117 100
82 50.9 43.0 64.4
119 32.6 25.4 38.0

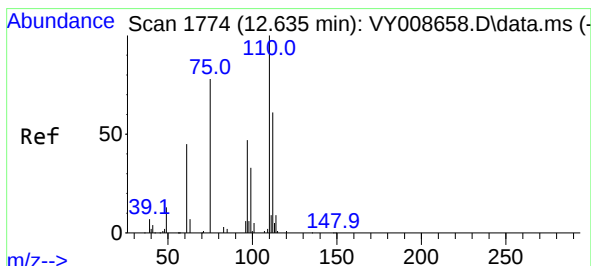
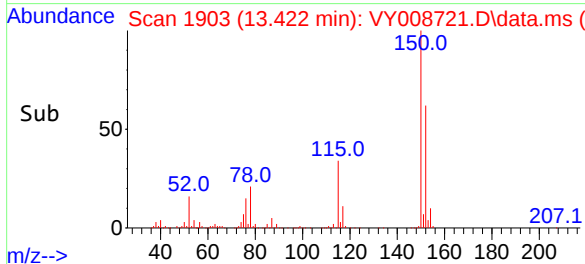
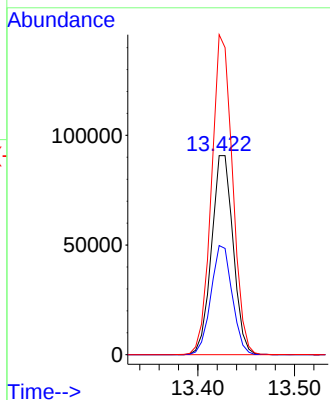
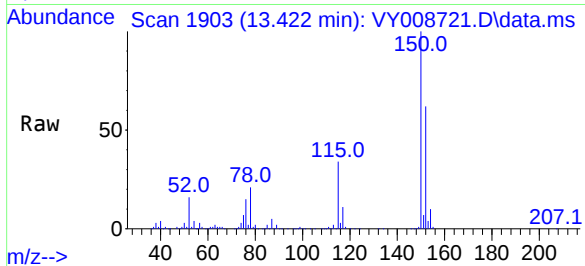




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY008721.D
Acq: 11 May 2022 20:44

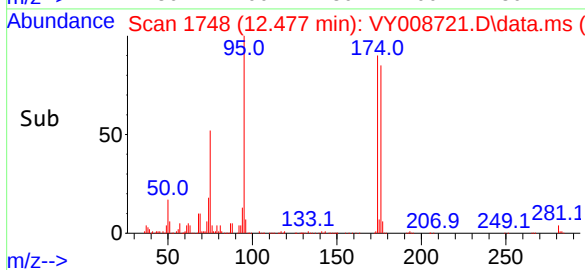
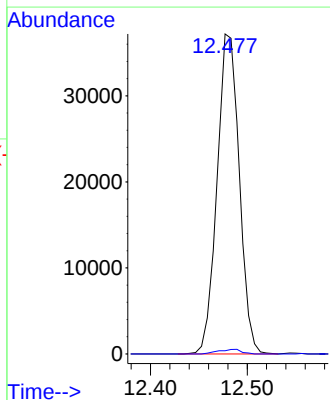
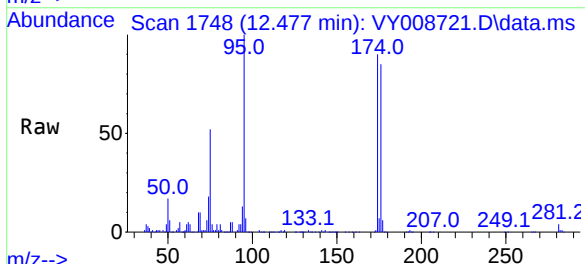
Instrument :
MSVOA_Y
ClientSampleId :
P011-SS003-0612-01

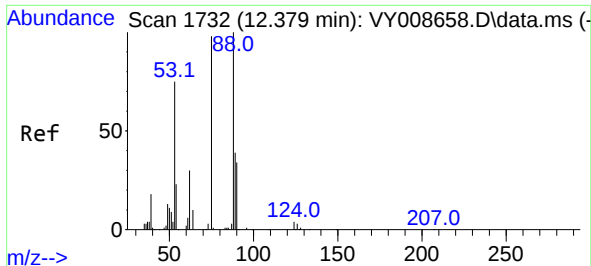
Tgt Ion:152 Resp: 140652
Ion Ratio Lower Upper
152 100
115 54.1 28.2 84.7
150 156.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 37.325 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY008721.D
Acq: 11 May 2022 20:44

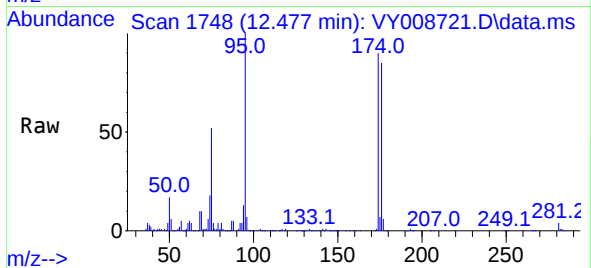
Tgt Ion: 75 Resp: 59180
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.260 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY008721.D
 Acq: 11 May 2022 20:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 P011-SS003-0612-01



Tgt Ion: 75 Resp: 59180
 Ion Ratio Lower Upper
 75 100
 53 0.5 85.3 127.9#
 89 0.0 37.0 55.4#

