

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008714.D
 Acq On : 11 May 2022 18:00
 Operator : KP/MD
 Sample : N2781-04
 Misc : 7.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P003-SS003-1824-01

Quant Time: May 12 06:31:04 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)

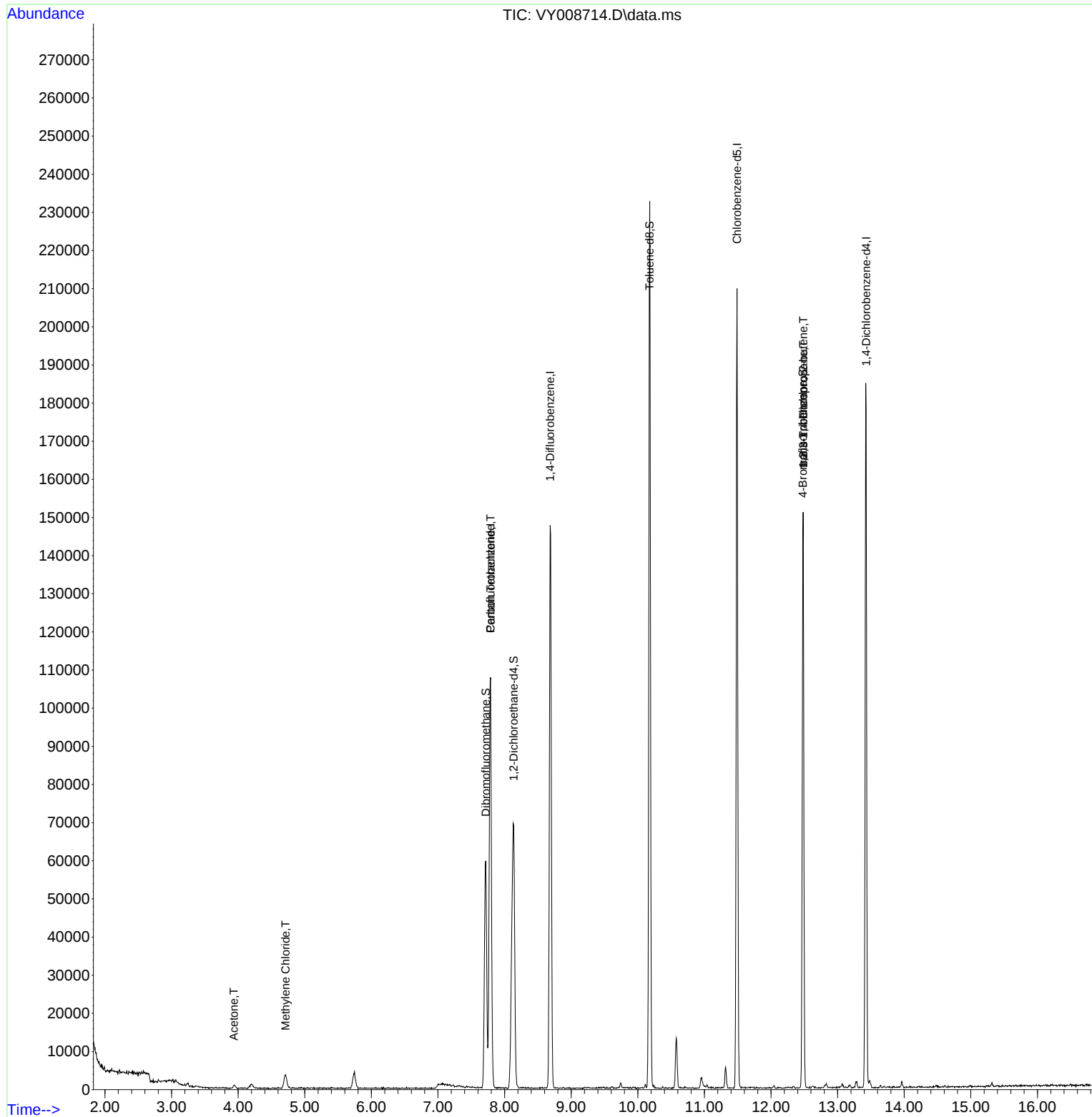
Internal Standards						
1) Pentafluorobenzene	7.789	168	92738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	141450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	120521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	51093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	39747	50.020	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.040%	
35) Dibromofluoromethane	7.716	113	43619	50.040	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.080%	
50) Toluene-d8	10.179	98	157863	51.392	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.780%	
62) 4-Bromofluorobenzene	12.477	95	44603	40.360	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.720%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	186	Below Cal	#	77
16) Acetone	3.936	43	1312	6.998	ug/l #	71
18) Methyl Acetate	4.204	43	506	Below Cal	#	56
20) Methylene Chloride	4.710	84	3022	2.654	ug/l #	71
38) Carbon Tetrachloride	7.789	117	8271	5.839	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	21945	38.102	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	21945	75.806	ug/l #	7

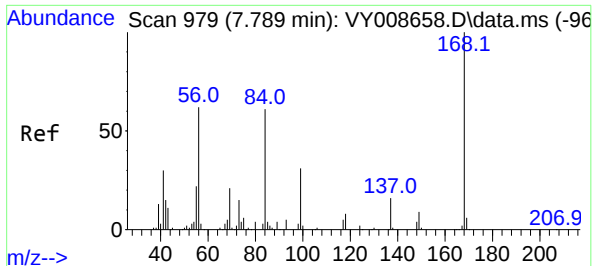
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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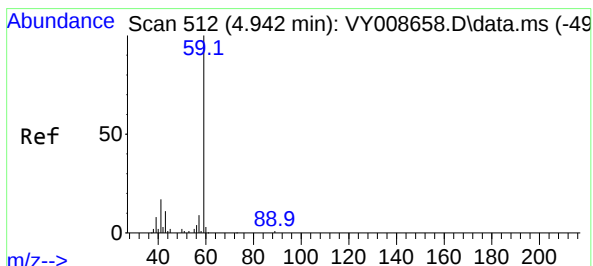
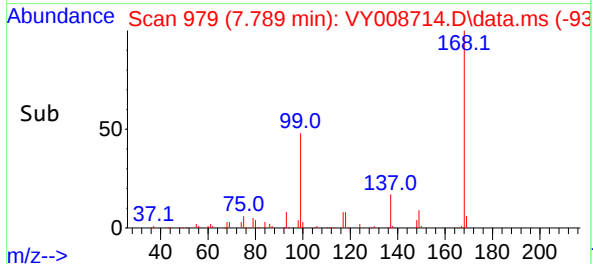
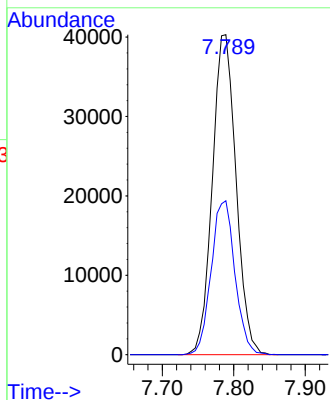
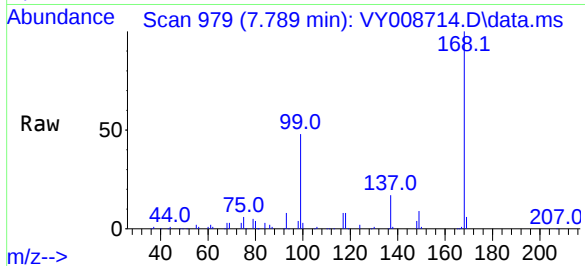




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008714.D
Acq: 11 May 2022 18:00

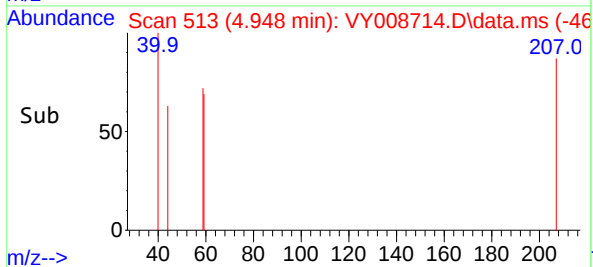
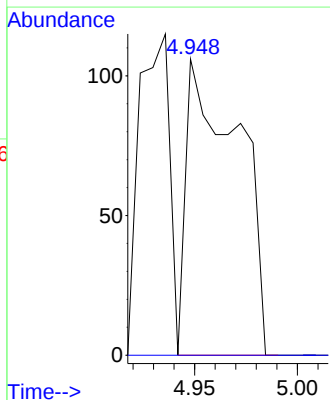
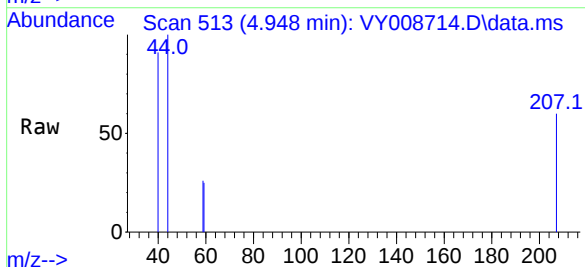
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-1824-01

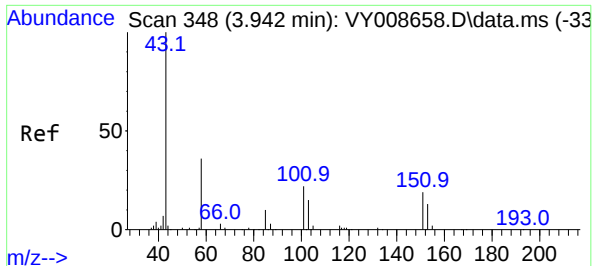
Tgt Ion:168 Resp: 92738
Ion Ratio Lower Upper
168 100
99 48.1 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY008714.D
Acq: 11 May 2022 18:00

Tgt Ion: 59 Resp: 186
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

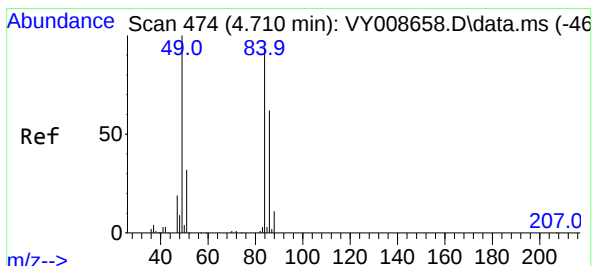
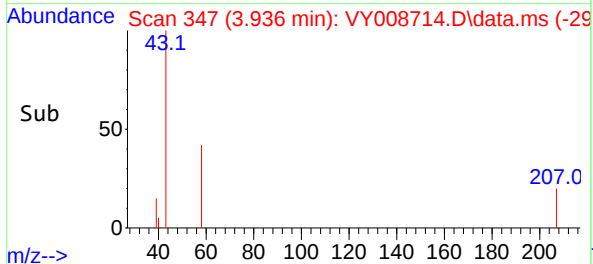
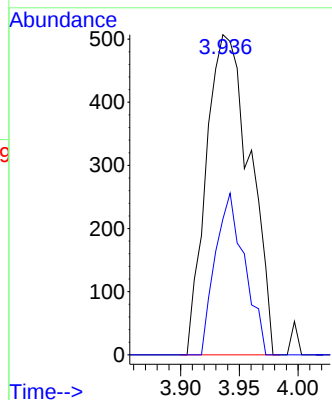
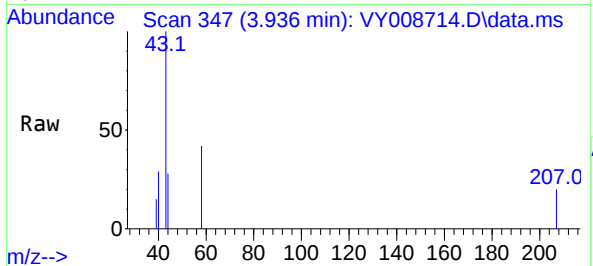




#16
Acetone
Concen: 6.998 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY008714.D
Acq: 11 May 2022 18:00

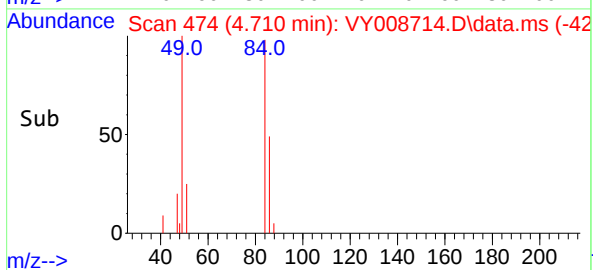
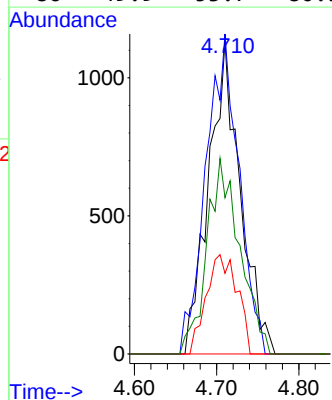
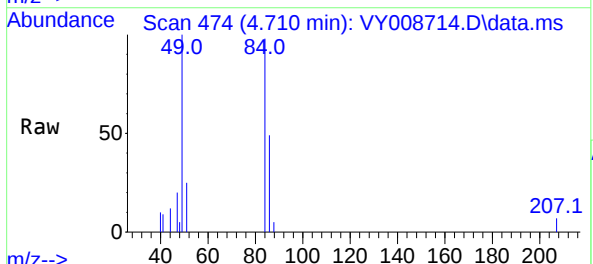
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-1824-01

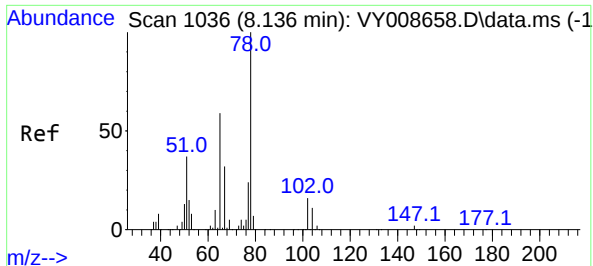
Tgt Ion: 43 Resp: 1312
Ion Ratio Lower Upper
43 100
58 42.4 22.0 33.0#



#20
Methylene Chloride
Concen: 2.654 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY008714.D
Acq: 11 May 2022 18:00

Tgt Ion: 84 Resp: 3022
Ion Ratio Lower Upper
84 100
49 102.2 114.4 171.6#
51 25.7 35.3 52.9#
86 49.9 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 50.020 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY008714.D

Acq: 11 May 2022 18:00

Instrument :

MSVOA_Y

ClientSampleId :

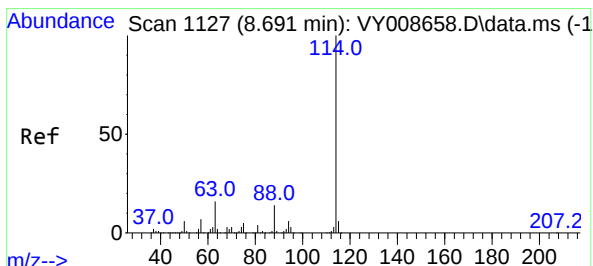
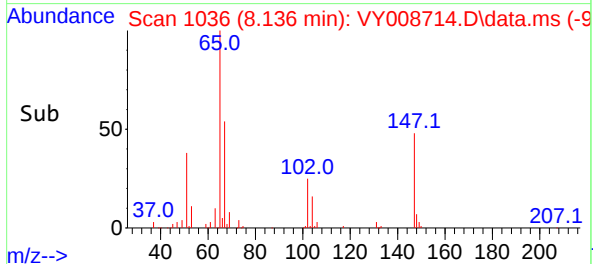
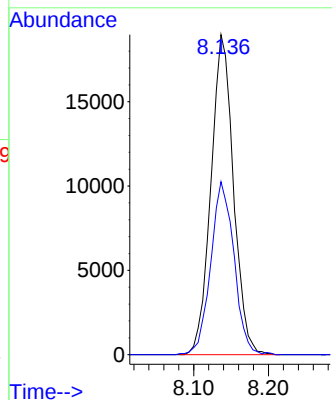
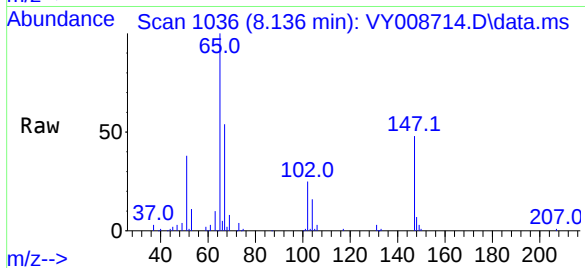
P003-SS003-1824-01

Tgt Ion: 65 Resp: 39747

Ion Ratio Lower Upper

65 100

67 55.9 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: VY008714.D

Acq: 11 May 2022 18:00

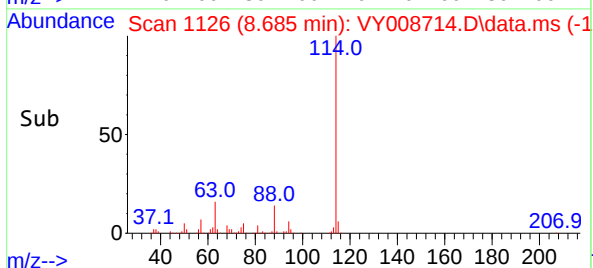
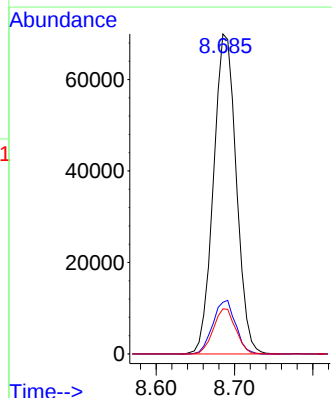
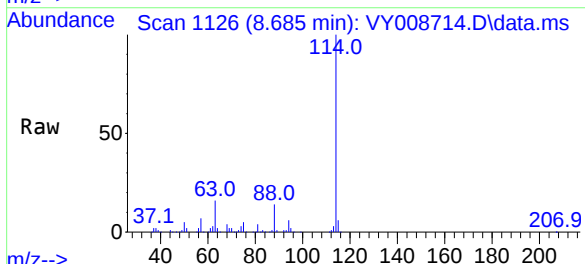
Tgt Ion: 114 Resp: 141450

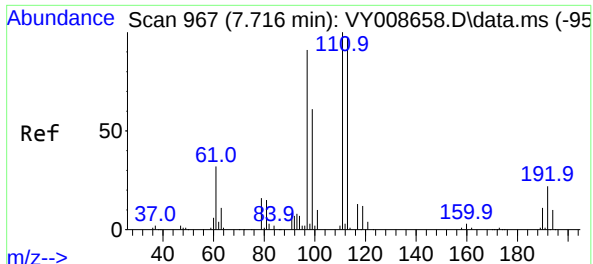
Ion Ratio Lower Upper

114 100

63 16.2 0.0 43.2

88 14.1 0.0 31.8

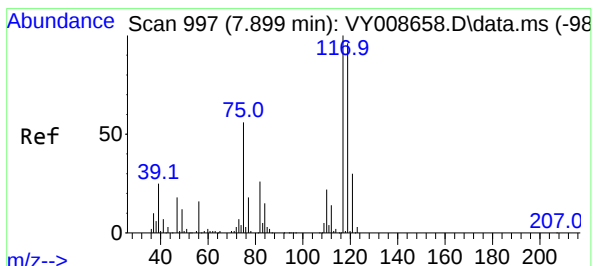
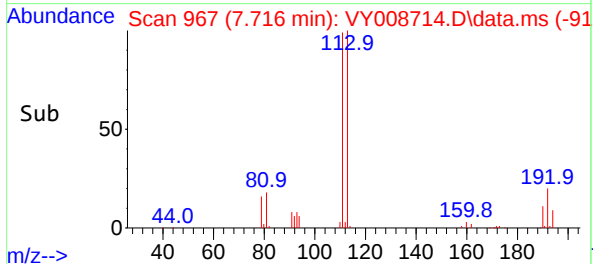
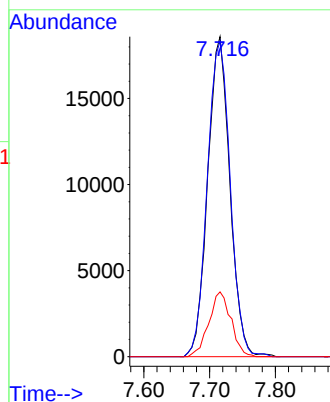
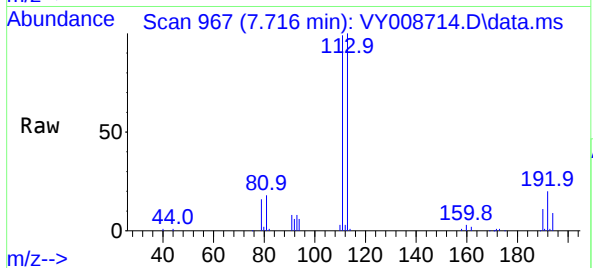




#35
Dibromofluoromethane
Concen: 50.040 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008714.D
Acq: 11 May 2022 18:00

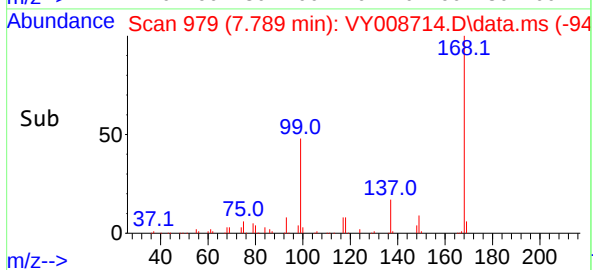
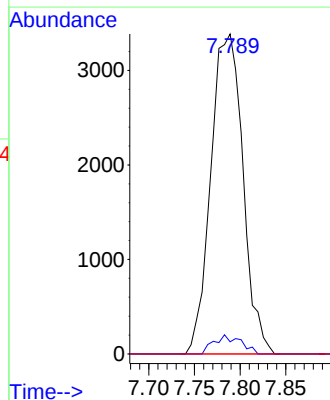
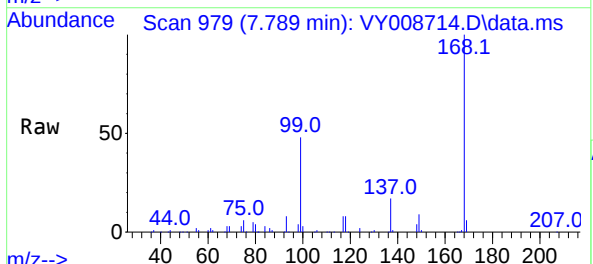
Instrument :
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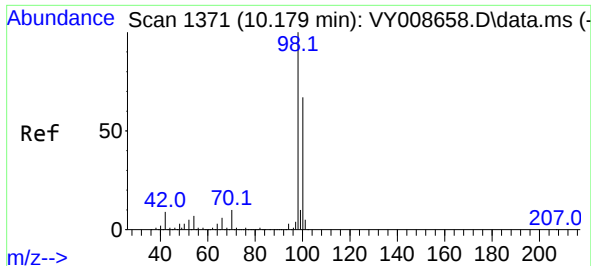
Tgt Ion:113 Resp: 43619
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 20.2 17.6 26.4



#38
Carbon Tetrachloride
Concen: 5.839 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY008714.D
Acq: 11 May 2022 18:00

Tgt Ion:117 Resp: 8271
Ion Ratio Lower Upper
117 100
119 3.8 77.9 116.9#
121 0.0 24.8 37.2#

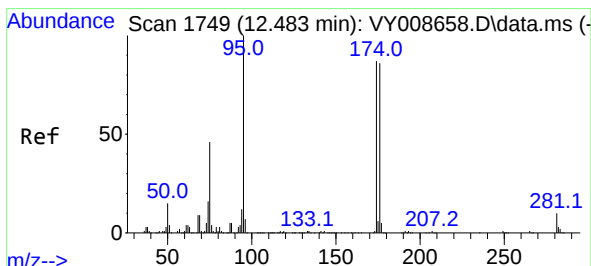
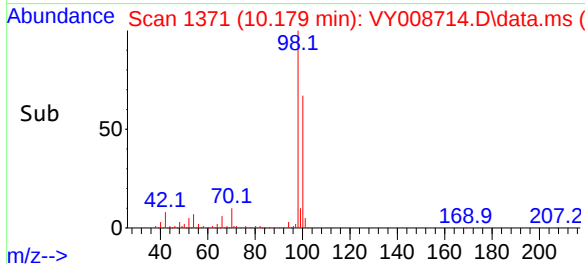
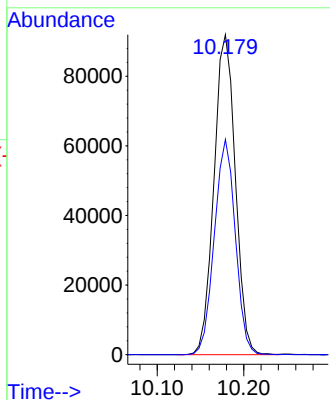
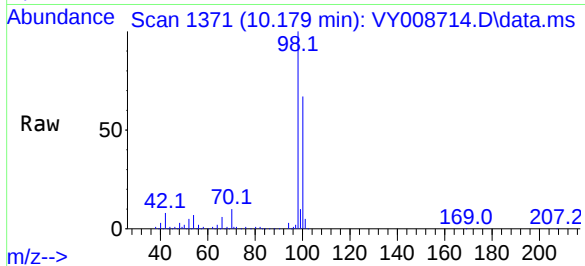




#50
Toluene-d8
Concen: 51.392 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008714.D
Acq: 11 May 2022 18:00

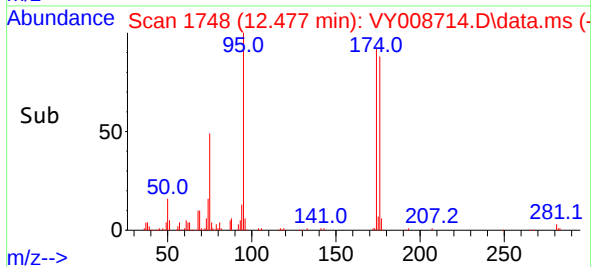
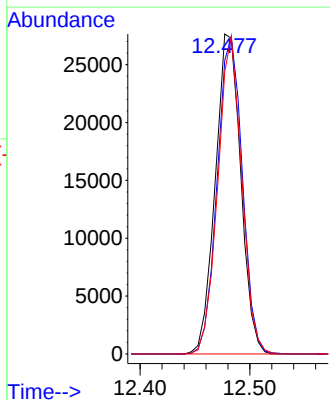
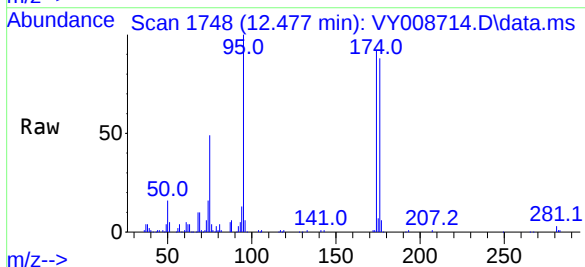
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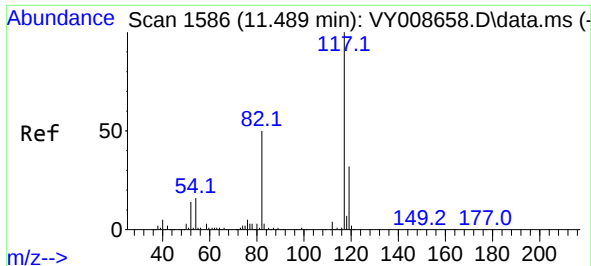
Tgt Ion: 98 Resp: 157863
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.360 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008714.D
Acq: 11 May 2022 18:00

Tgt Ion: 95 Resp: 44603
Ion Ratio Lower Upper
95 100
174 97.6 0.0 177.0
176 93.3 0.0 175.8

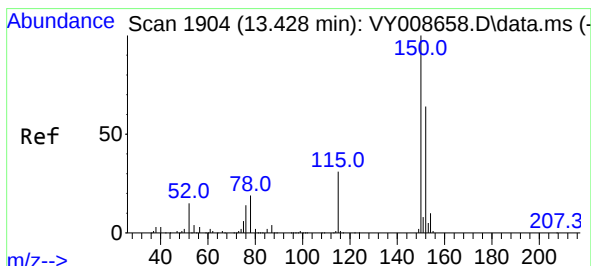
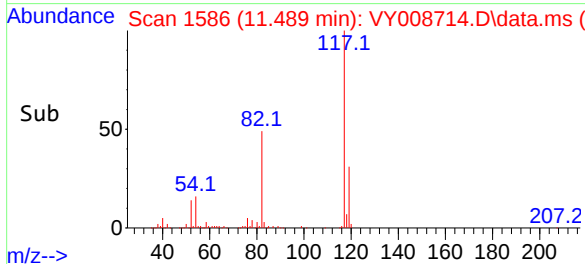
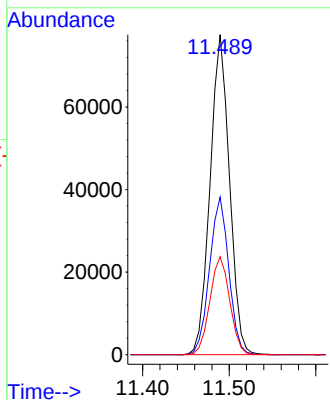
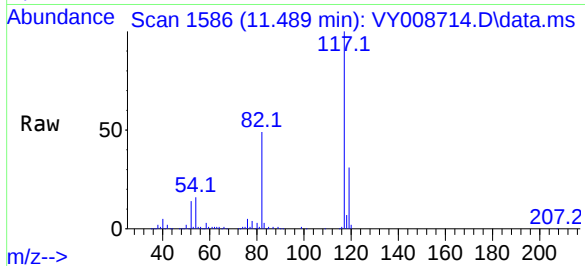




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008714.D
Acq: 11 May 2022 18:00

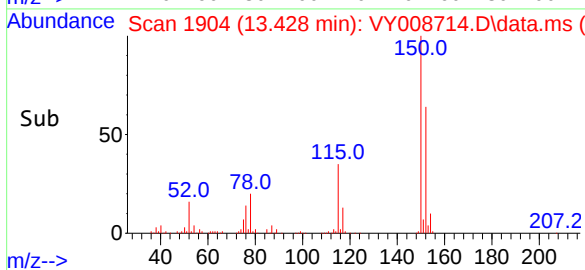
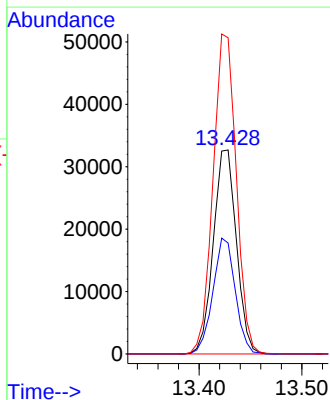
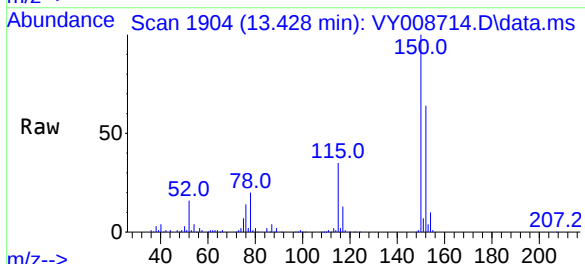
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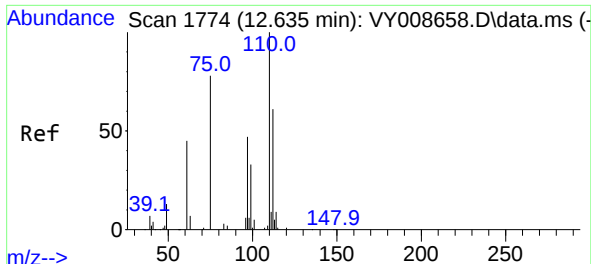
Tgt Ion:	117	Resp:	120521
Ion	Ratio	Lower	Upper
117	100		
82	49.2	43.0	64.4
119	30.6	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008714.D
Acq: 11 May 2022 18:00

Tgt Ion:	152	Resp:	51093
Ion	Ratio	Lower	Upper
152	100		
115	55.0	28.2	84.7
150	157.2	0.0	347.6

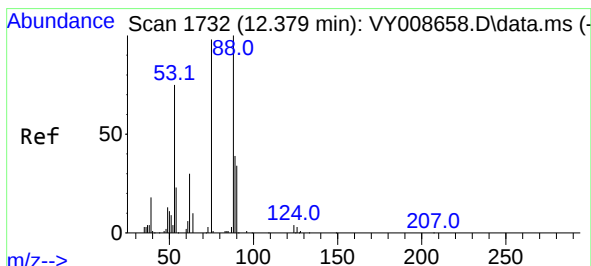
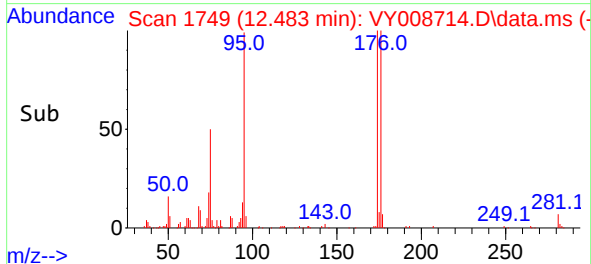
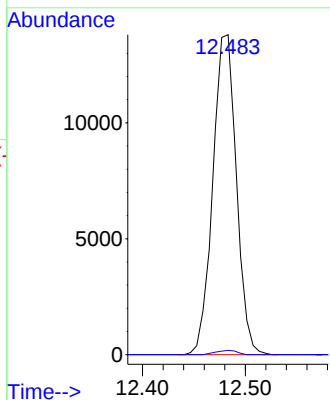
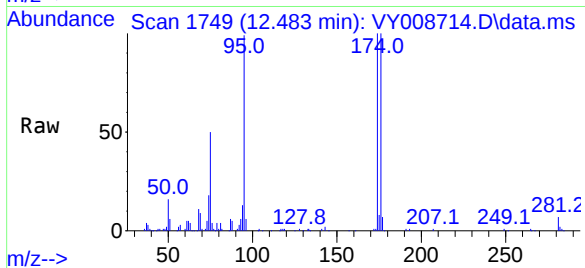




#76
1,2,3-Trichloropropane
Concen: 38.102 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008714.D
Acq: 11 May 2022 18:00

Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-1824-01

Tgt Ion: 75 Resp: 21945
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.806 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008714.D
Acq: 11 May 2022 18:00

Tgt Ion: 75 Resp: 21945
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

