

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040522\
 Data File : VY008216.D
 Acq On : 05 Apr 2022 17:47
 Operator : SY/MD
 Sample : N2257-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Apr 06 03:58:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

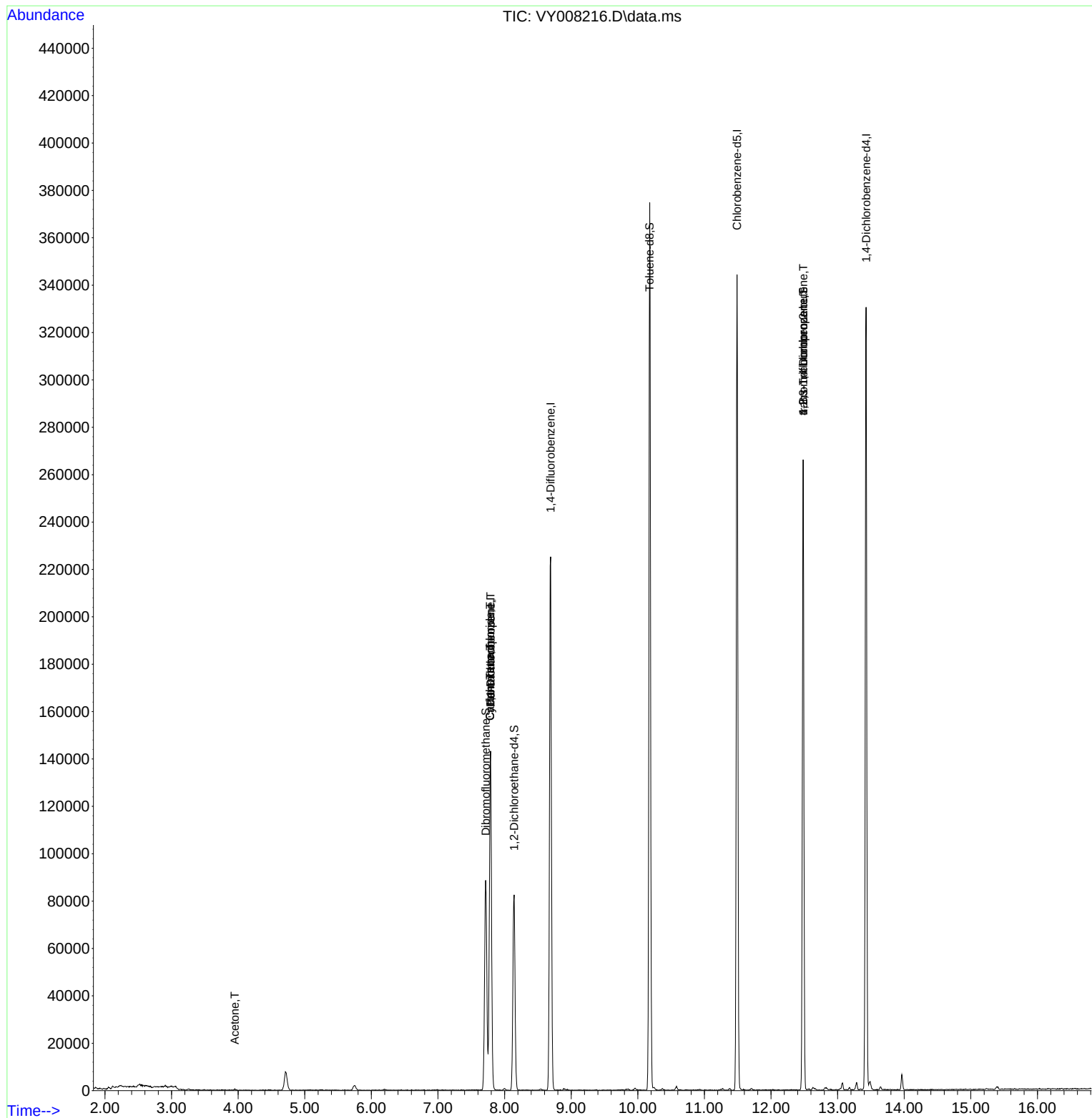
Internal Standards						
1) Pentafluorobenzene	7.789	168	111162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	202935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	193020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	63617	57.041	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.080%
35) Dibromofluoromethane	7.716	113	63417	49.843	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.680%
50) Toluene-d8	10.179	98	249438	52.036	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.080%
62) 4-Bromofluorobenzene	12.483	95	80643	47.684	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.360%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	633	2.483	ug/l #	59
18) Methyl Acetate	4.460	43	56	Below Cal	#	56
20) Methylene Chloride	4.716	84	6057	Below Cal		85
31) Cyclohexane	7.783	56	2147	1.030	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8761	4.384	ug/l #	50
38) Carbon Tetrachloride	7.783	117	11072	5.083	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	42695	40.598	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42695	90.580	ug/l #	7

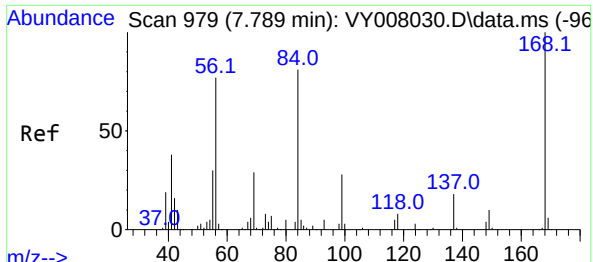
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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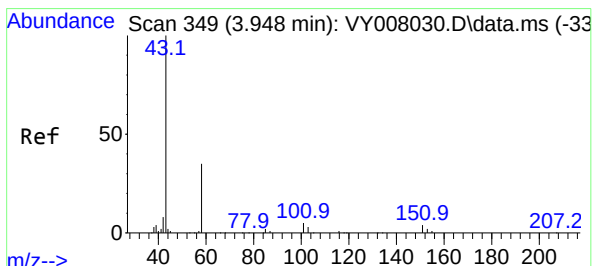
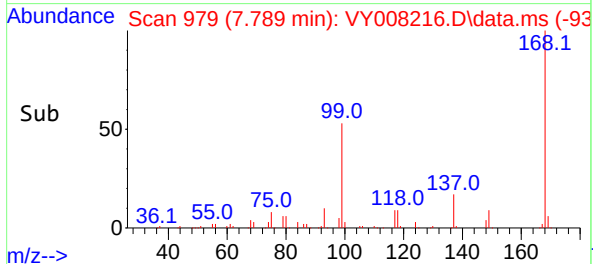
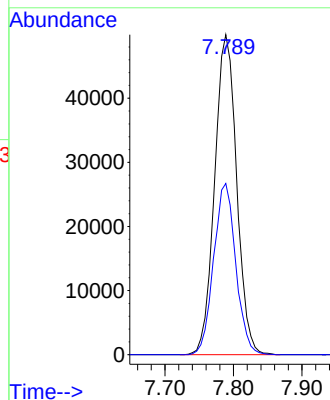
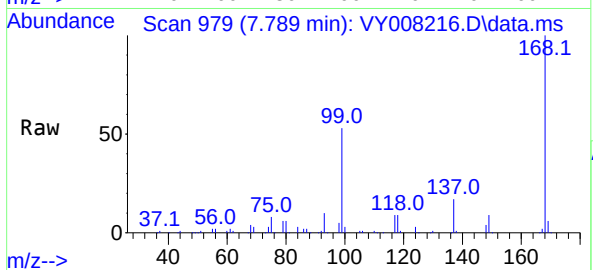




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008216.D
Acq: 05 Apr 2022 17:47

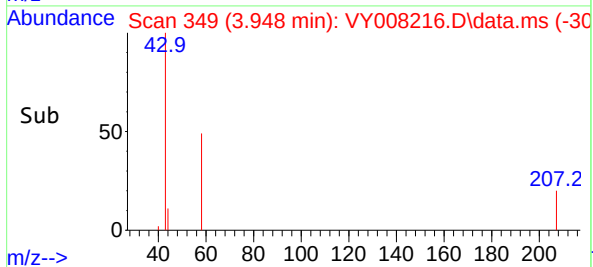
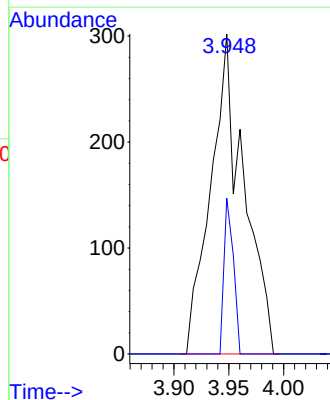
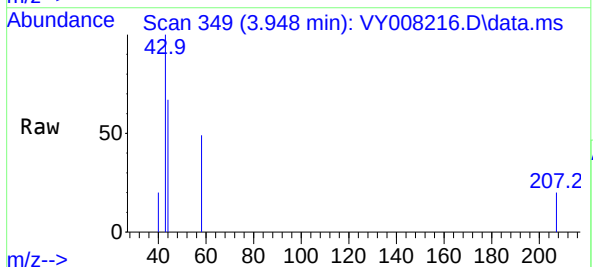
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

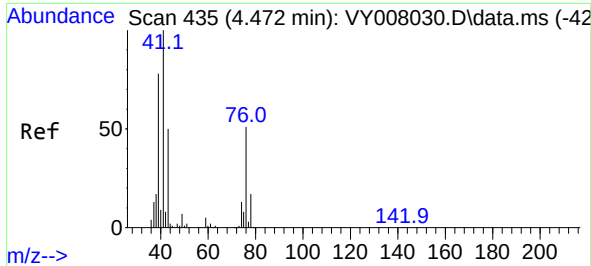
Tgt Ion:168 Resp: 111162
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#16
Acetone
Concen: 2.483 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008216.D
Acq: 05 Apr 2022 17:47

Tgt Ion: 43 Resp: 633
Ion Ratio Lower Upper
43 100
58 48.7 22.0 33.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.460 min Scan# 41

Delta R.T. -0.012 min

Lab File: VY008216.D

Acq: 05 Apr 2022 17:47

Instrument :

MSVOA_Y

ClientSampleId :

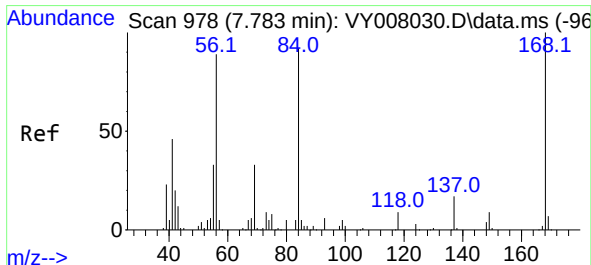
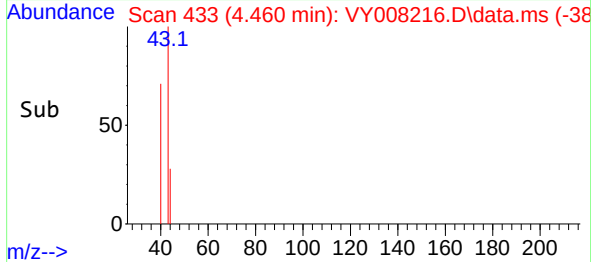
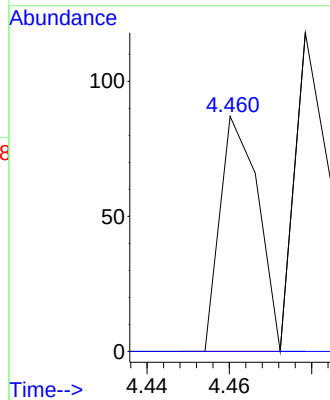
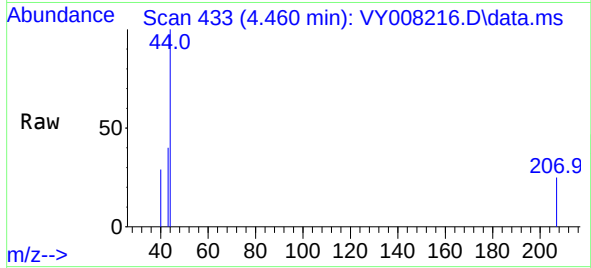
TP-2

Tgt Ion: 43 Resp: 56

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#31

Cyclohexane

Concen: 1.030 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY008216.D

Acq: 05 Apr 2022 17:47

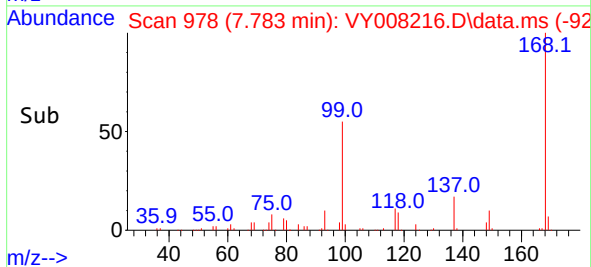
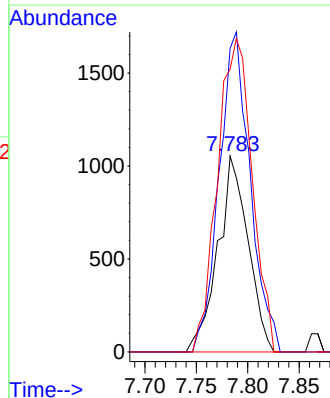
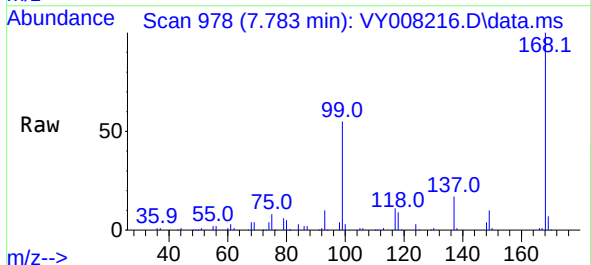
Tgt Ion: 56 Resp: 2147

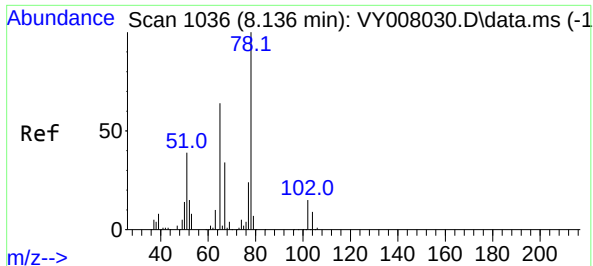
Ion Ratio Lower Upper

56 100

69 155.1 26.7 40.1#

84 144.4 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 57.041 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY008216.D

Acq: 05 Apr 2022 17:47

Instrument :

MSVOA_Y

ClientSampleId :

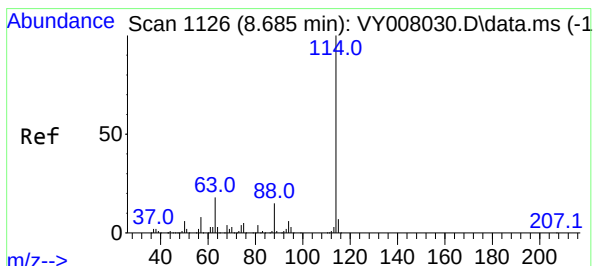
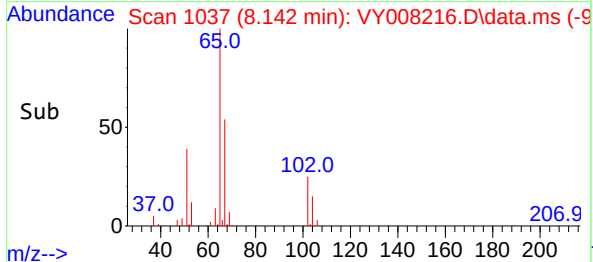
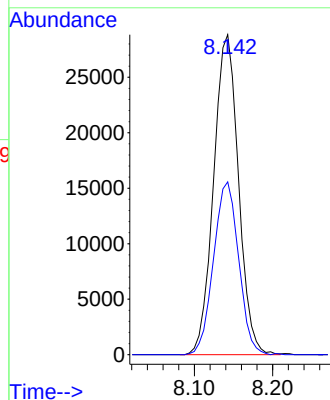
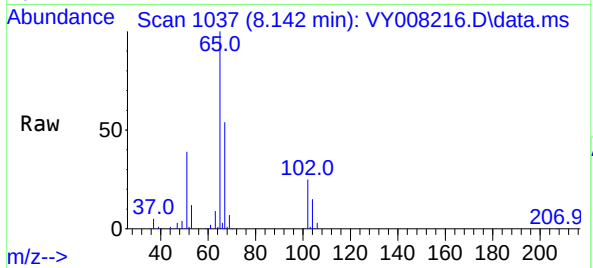
TP-2

Tgt Ion: 65 Resp: 63617

Ion Ratio Lower Upper

65 100

67 54.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008216.D

Acq: 05 Apr 2022 17:47

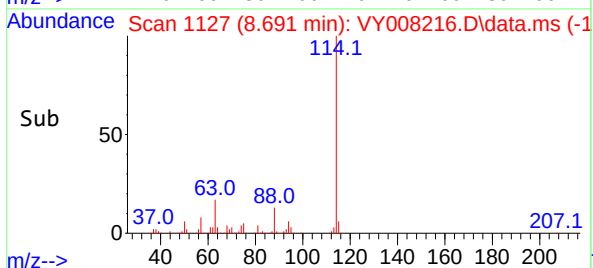
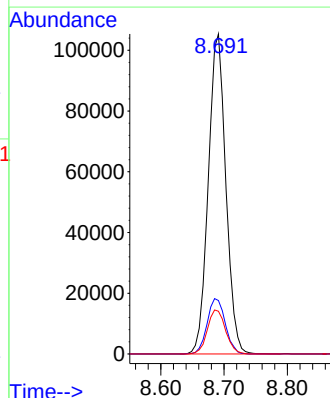
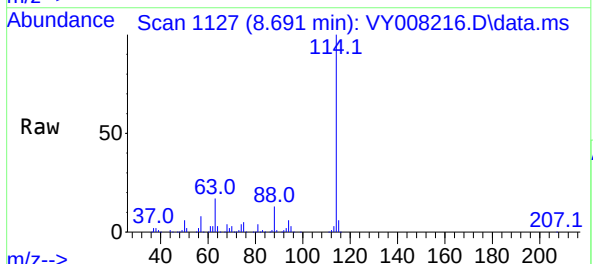
Tgt Ion: 114 Resp: 202935

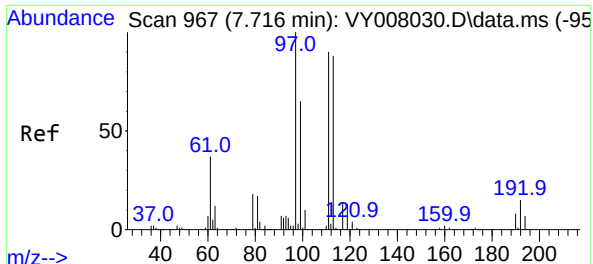
Ion Ratio Lower Upper

114 100

63 16.7 0.0 43.2

88 13.3 0.0 31.8

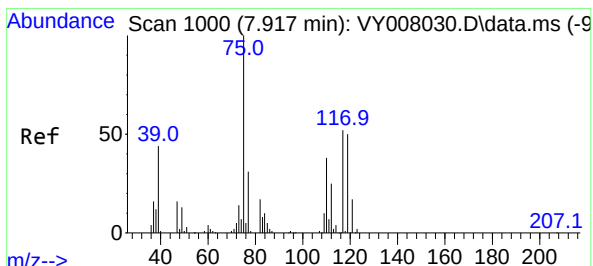
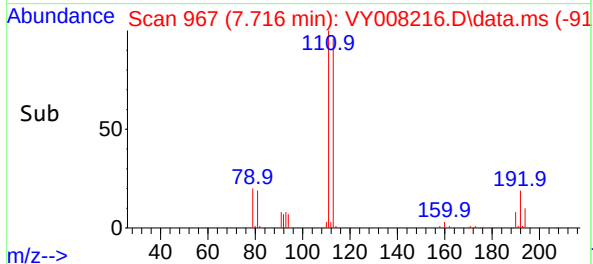
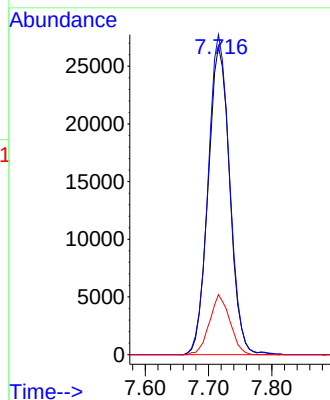
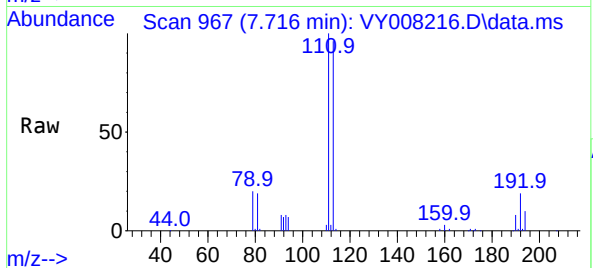




#35
Dibromofluoromethane
Concen: 49.843 ug/l
RT: 7.716 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY008216.D
Acq: 05 Apr 2022 17:47

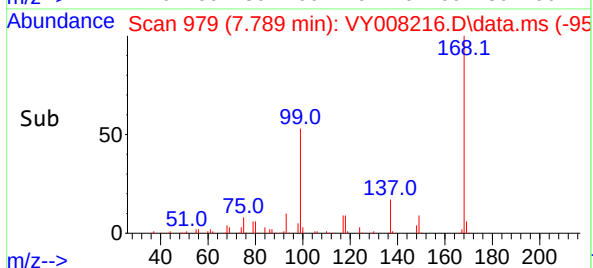
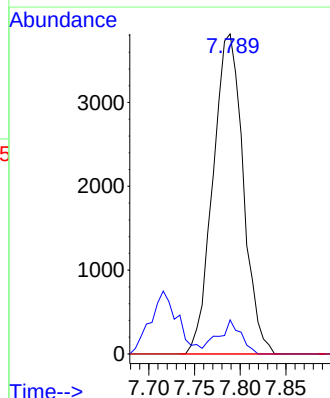
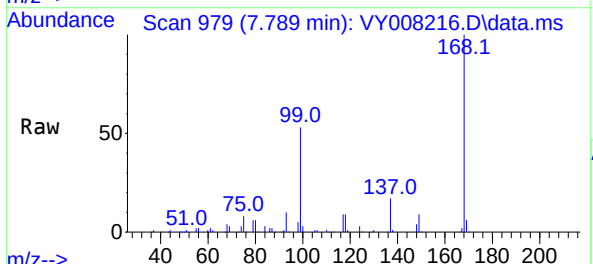
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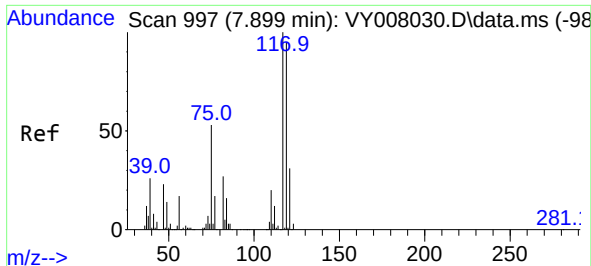
Tgt Ion:113 Resp: 63417
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 18.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.384 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008216.D
Acq: 05 Apr 2022 17:47

Tgt Ion: 75 Resp: 8761
Ion Ratio Lower Upper
75 100
110 7.9 17.1 51.2#
77 0.0 24.4 36.6#

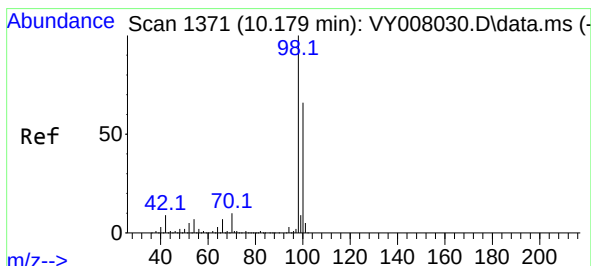
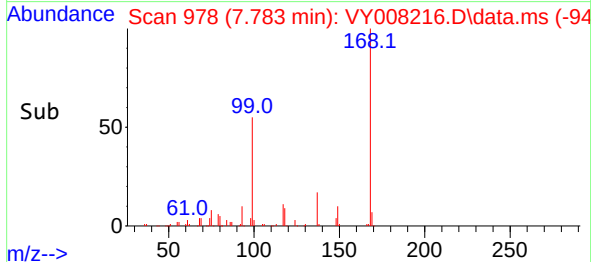
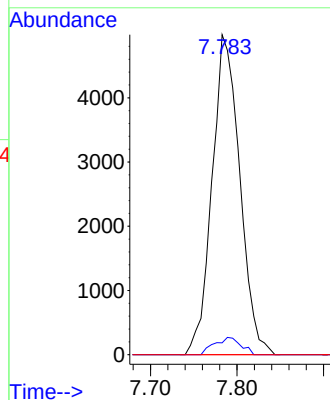
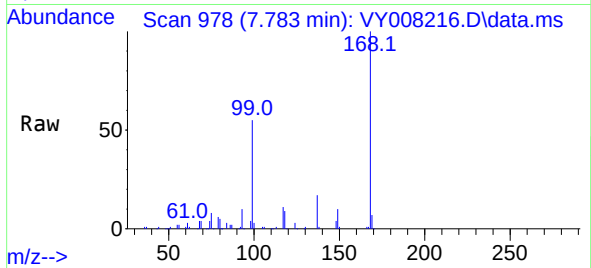




#38
Carbon Tetrachloride
Concen: 5.083 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008216.D
Acq: 05 Apr 2022 17:47

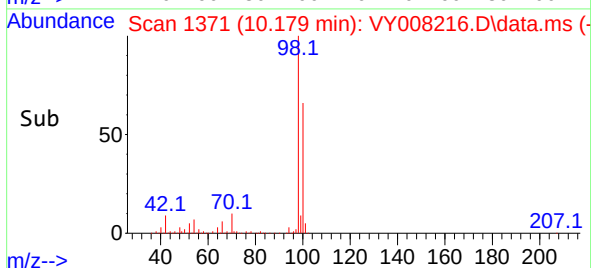
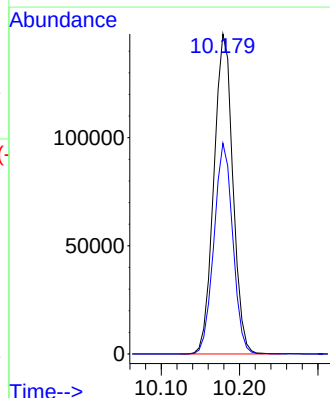
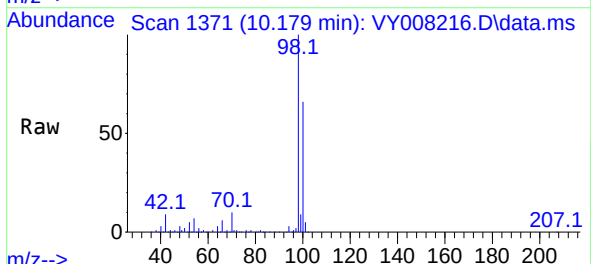
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

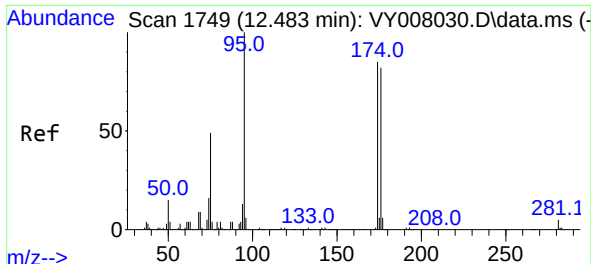
Tgt Ion:117 Resp: 11072
Ion Ratio Lower Upper
117 100
119 3.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.036 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008216.D
Acq: 05 Apr 2022 17:47

Tgt Ion: 98 Resp: 249438
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

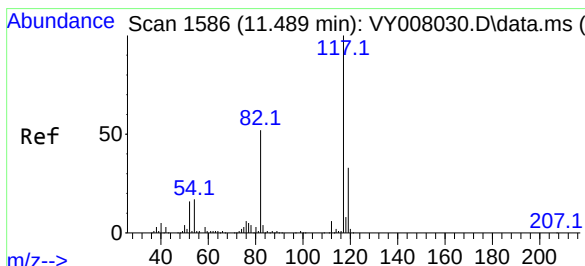
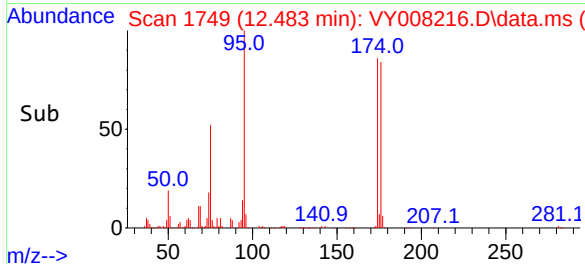
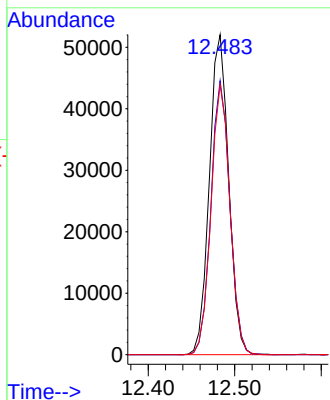
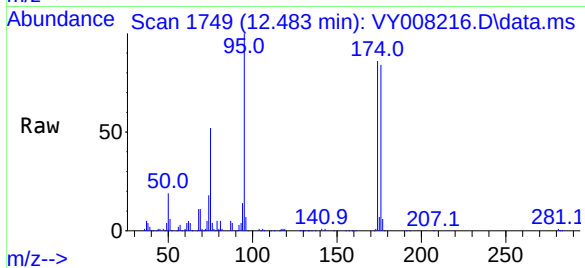




#62
4-Bromofluorobenzene
Concen: 47.684 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008216.D
Acq: 05 Apr 2022 17:47

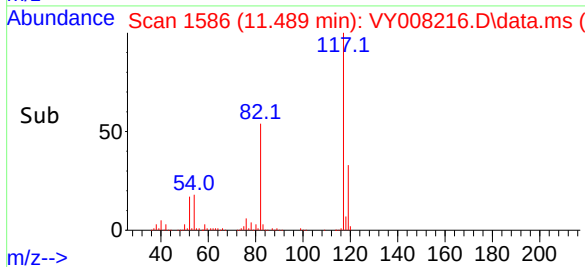
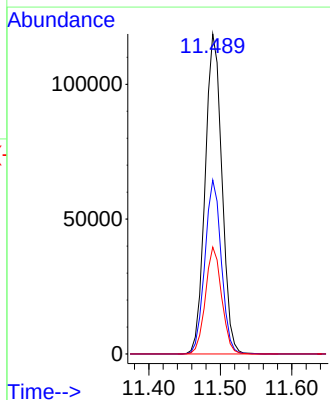
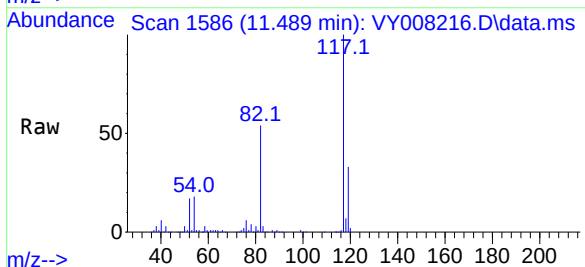
Instrument :
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ClientSampleId :
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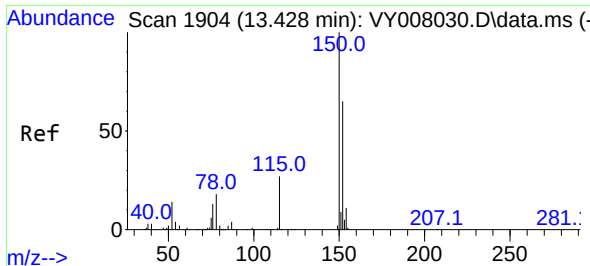
Tgt Ion: 95 Resp: 80643
Ion Ratio Lower Upper
95 100
174 83.8 0.0 177.0
176 82.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008216.D
Acq: 05 Apr 2022 17:47

Tgt Ion: 117 Resp: 193020
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 33.4 25.4 38.0

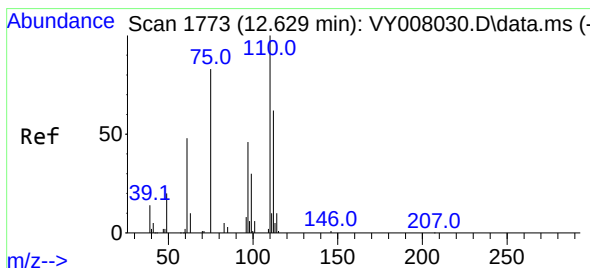
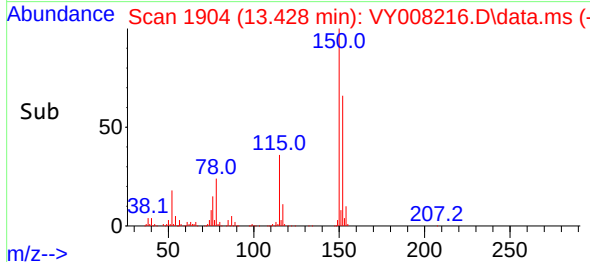
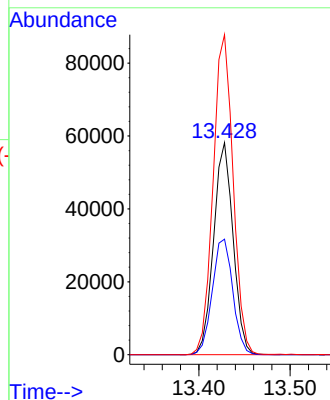
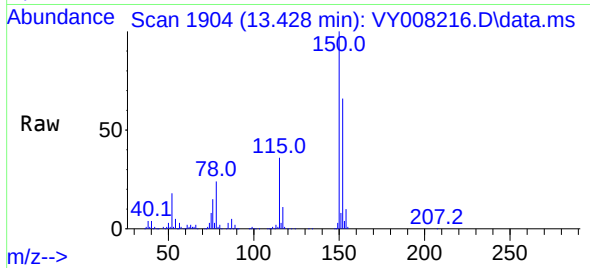




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008216.D
 Acq: 05 Apr 2022 17:47

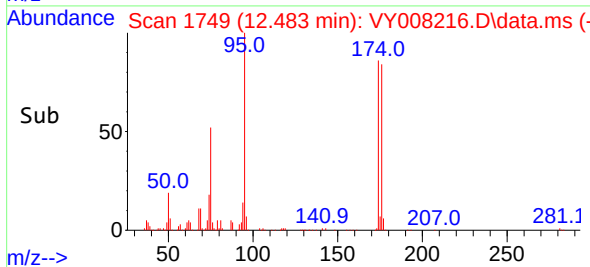
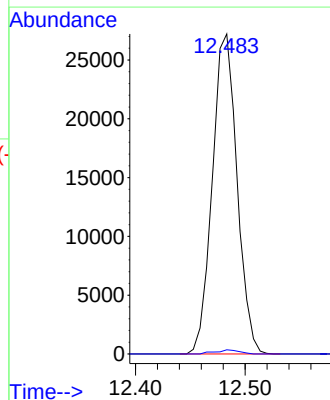
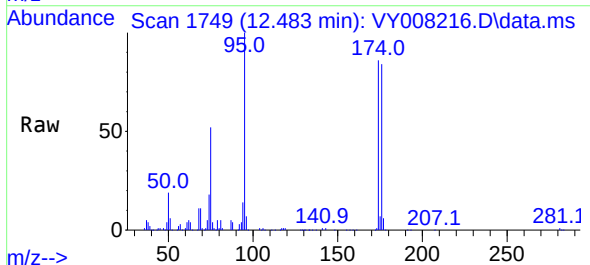
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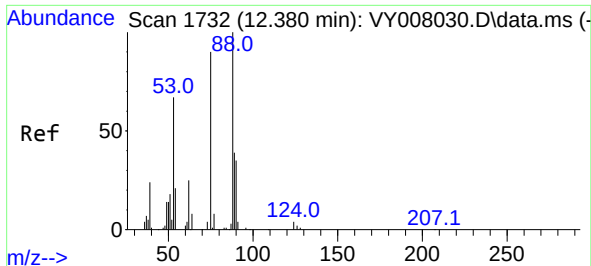
Tgt Ion:152 Resp: 86272
 Ion Ratio Lower Upper
 152 100
 115 57.4 28.2 84.7
 150 154.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 40.598 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008216.D
 Acq: 05 Apr 2022 17:47

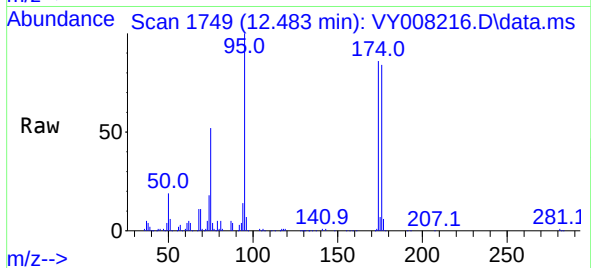
Tgt Ion: 75 Resp: 42695
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.580 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008216.D
 Acq: 05 Apr 2022 17:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2



Tgt Ion: 75 Resp: 42695
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

