

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
 Data File : VY008079.D
 Acq On : 29 Mar 2022 11:01
 Operator : SY/MD
 Sample : VY0329SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 30 03:57:43 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)

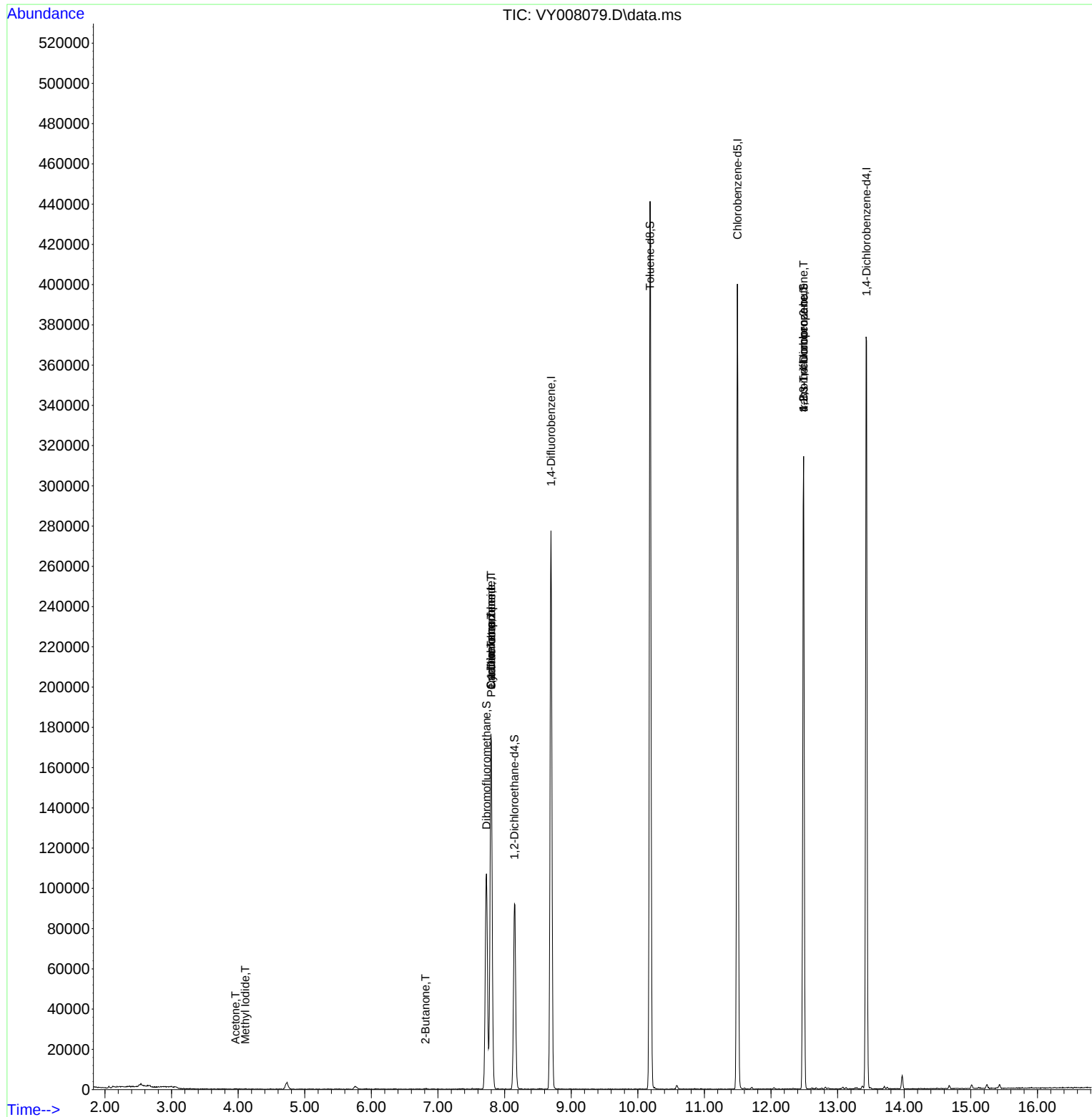
Internal Standards						
1) Pentafluorobenzene	7.801	168	138915	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	249327	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	230819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	98908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	73282	52.580	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.160%	
35) Dibromofluoromethane	7.728	113	77832	49.790	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.580%	
50) Toluene-d8	10.185	98	300789	51.073	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.140%	
62) 4-Bromofluorobenzene	12.489	95	99867	48.064	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.120%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	331	1.869	ug/l #	54
16) Acetone	3.960	43	388	1.218	ug/l #	47
18) Methyl Acetate	4.485	43	40	Below Cal	#	56
20) Methylene Chloride	4.741	84	2493	Below Cal	#	74
25) 2-Butanone	6.813	43	523	1.079	ug/l #	54
31) Cyclohexane	7.795	56	2819	1.082	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	10295	4.193	ug/l #	51
38) Carbon Tetrachloride	7.795	117	14245	5.323	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	50755	42.096	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	50755	93.923	ug/l #	7

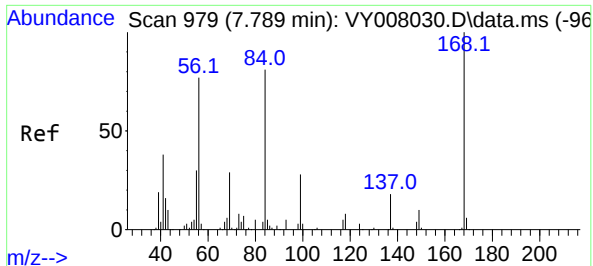
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :

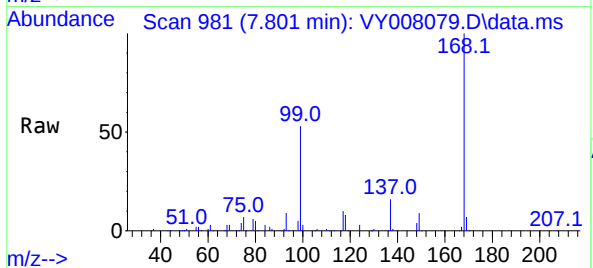
Quant Time: Mar 30 03:57:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
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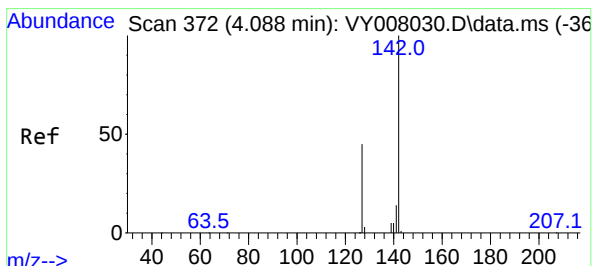
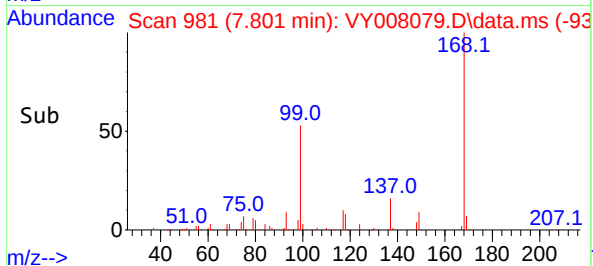
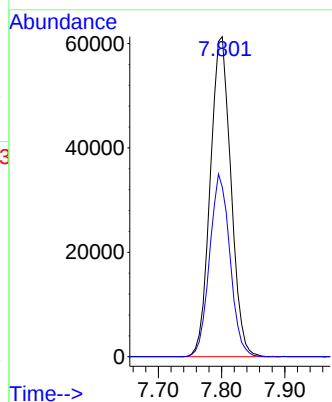


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY008079.D
Acq: 29 Mar 2022 11:01

Instrument :
MSVOA_Y
ClientSampleId :

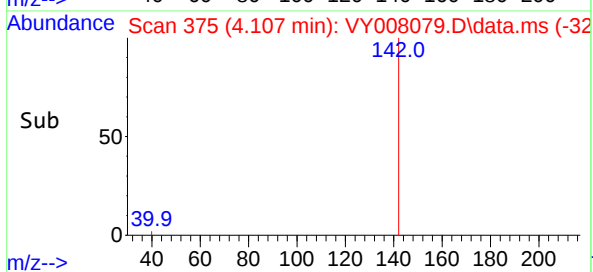
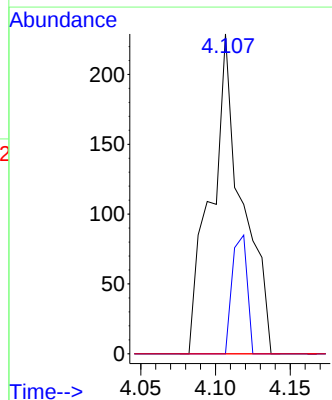
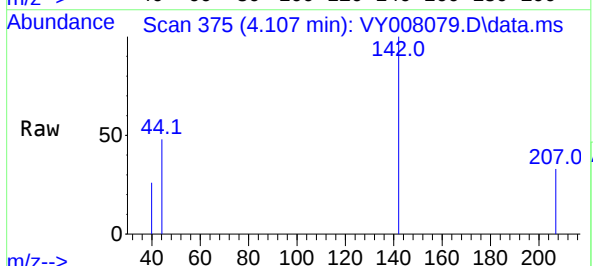


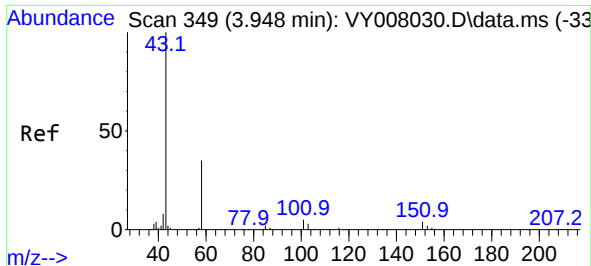
Tgt Ion:168 Resp: 138915
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#10
Methyl Iodide
Concen: 1.869 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.019 min
Lab File: VY008079.D
Acq: 29 Mar 2022 11:01

Tgt Ion:142 Resp: 331
Ion Ratio Lower Upper
142 100
127 17.8 41.5 62.3#
141 0.0 11.9 17.9#





#16

Acetone

Concen: 1.218 ug/l

RT: 3.960 min Scan# 3

Delta R.T. 0.012 min

Lab File: VY008079.D

Acq: 29 Mar 2022 11:01

Instrument :

MSVOA_Y

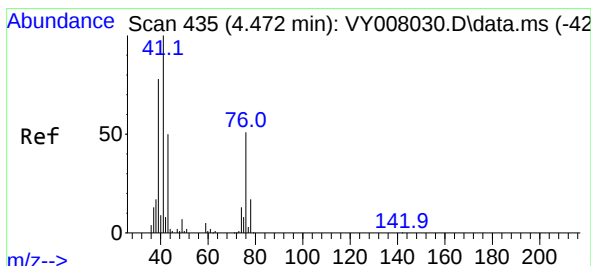
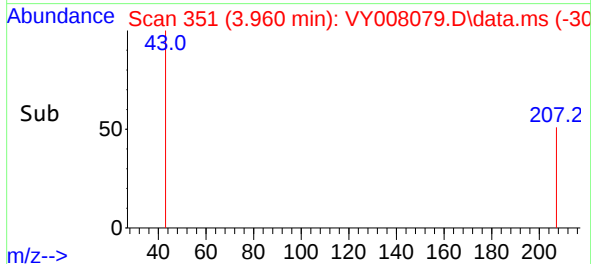
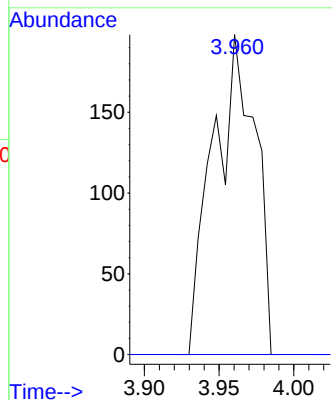
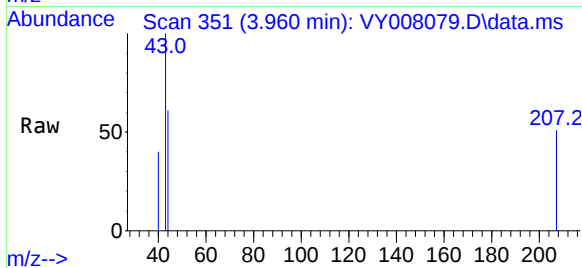
ClientSampleId :

Tgt Ion: 43 Resp: 388

Ion Ratio Lower Upper

43 100

58 0.0 22.0 33.0#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.485 min Scan# 437

Delta R.T. 0.013 min

Lab File: VY008079.D

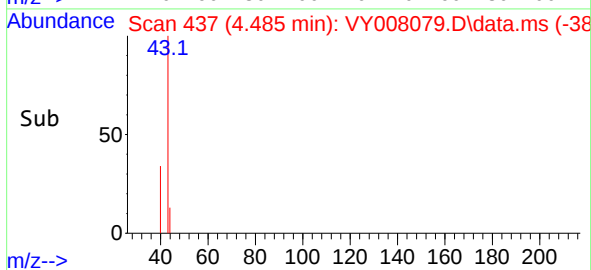
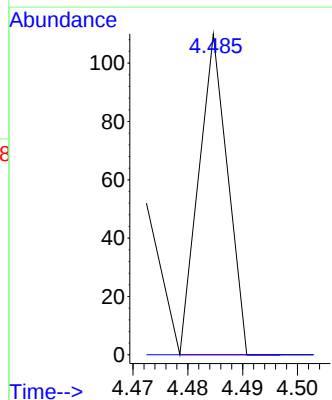
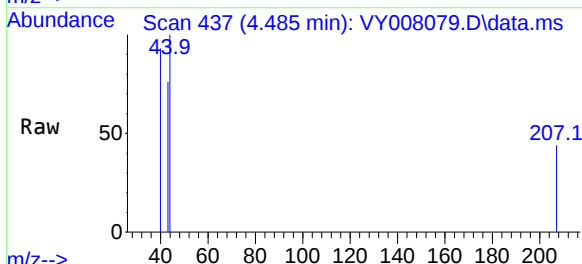
Acq: 29 Mar 2022 11:01

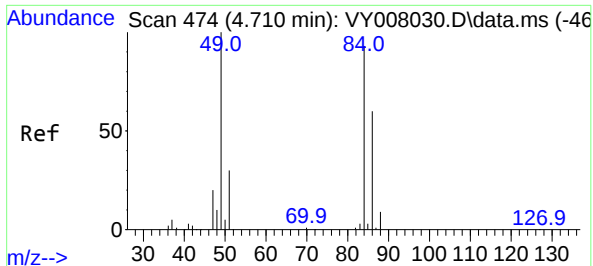
Tgt Ion: 43 Resp: 40

Ion Ratio Lower Upper

43 100

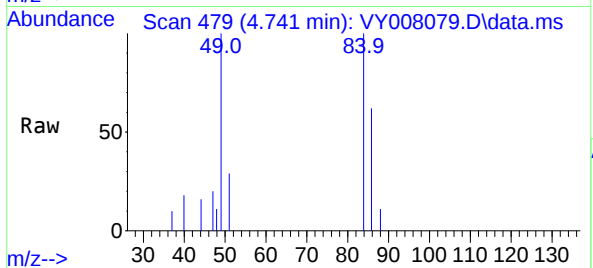
74 0.0 16.6 24.8#



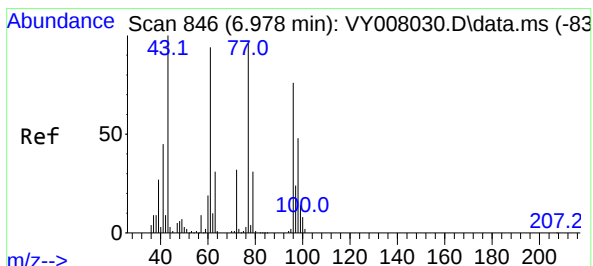
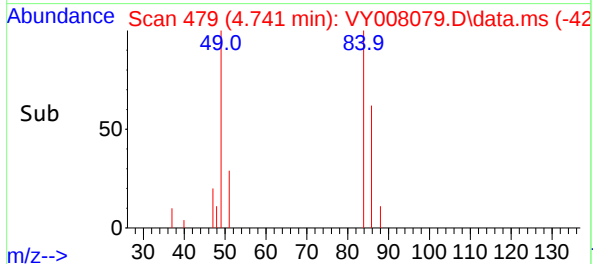
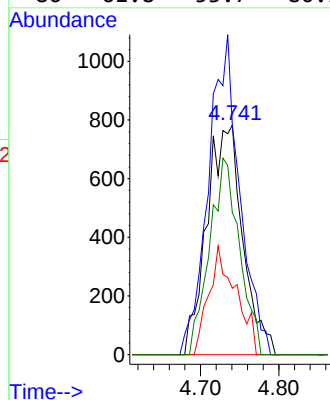


#20
Methylene Chloride
Concen: Below Cal
RT: 4.741 min Scan# 41
Delta R.T. 0.031 min
Lab File: VY008079.D
Acq: 29 Mar 2022 11:01

Instrument :
MSVOA_Y
ClientSampleId :

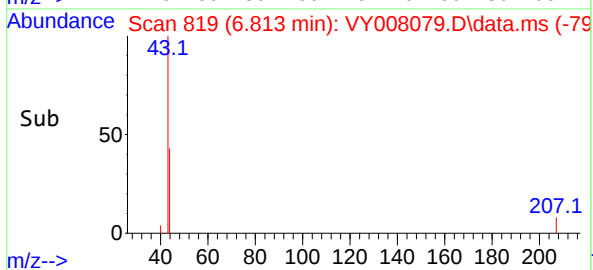
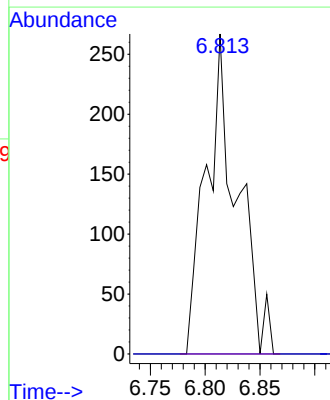
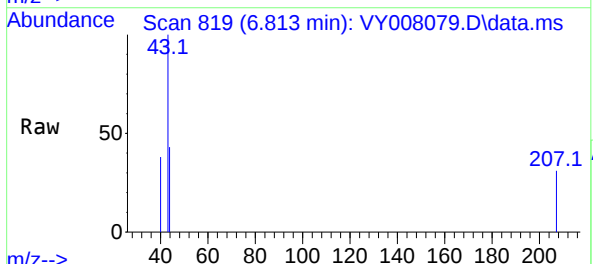


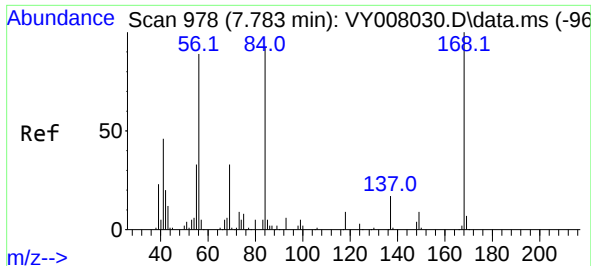
Tgt Ion: 84 Resp: 2493
Ion Ratio Lower Upper
84 100
49 99.6 114.4 171.6#
51 28.9 35.3 52.9#
86 61.8 53.7 80.5



#25
2-Butanone
Concen: 1.079 ug/l
RT: 6.813 min Scan# 819
Delta R.T. -0.165 min
Lab File: VY008079.D
Acq: 29 Mar 2022 11:01

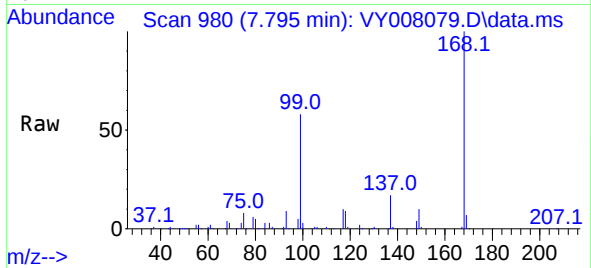
Tgt Ion: 43 Resp: 523
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



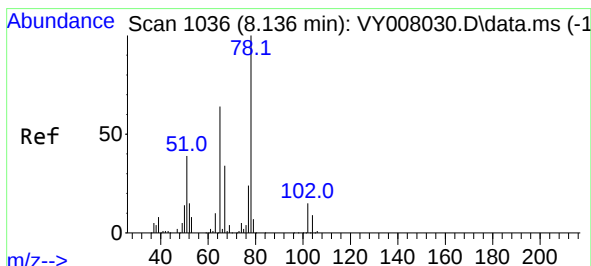
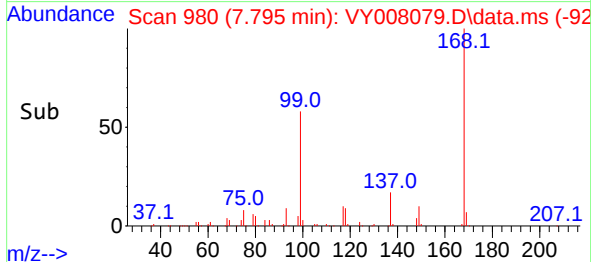
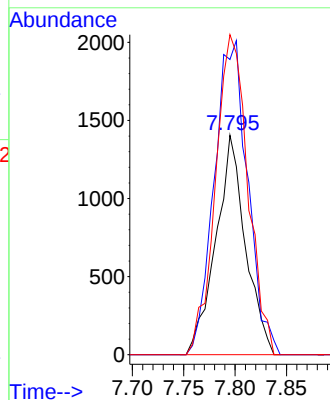


#31
Cyclohexane
Concen: 1.082 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY008079.D
Acq: 29 Mar 2022 11:01

Instrument :
MSVOA_Y
ClientSampleId :

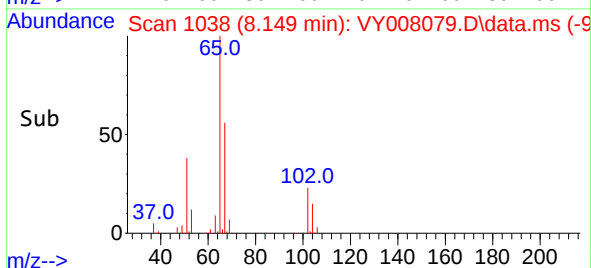
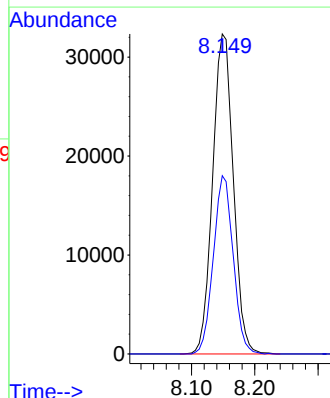
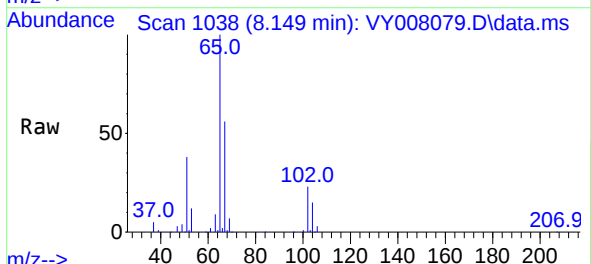


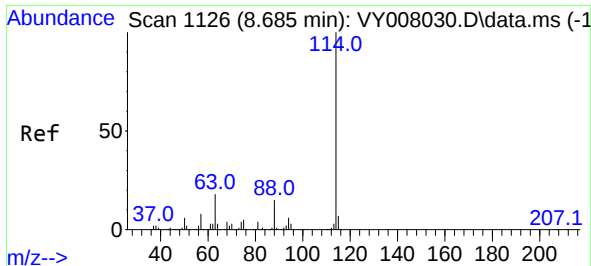
Tgt Ion: 56 Resp: 2819
Ion Ratio Lower Upper
56 100
69 134.5 26.7 40.1#
84 145.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 52.580 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY008079.D
Acq: 29 Mar 2022 11:01

Tgt Ion: 65 Resp: 73282
Ion Ratio Lower Upper
65 100
67 53.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY008079.D

Acq: 29 Mar 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

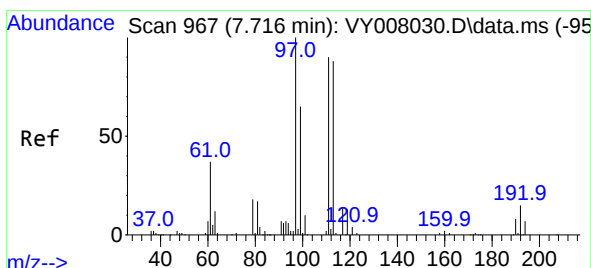
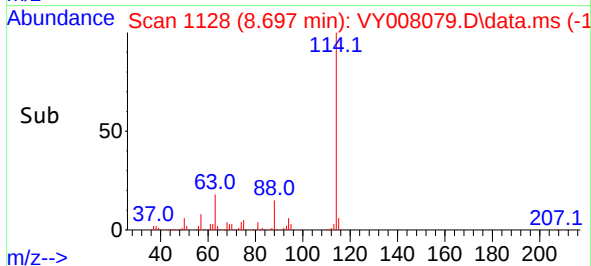
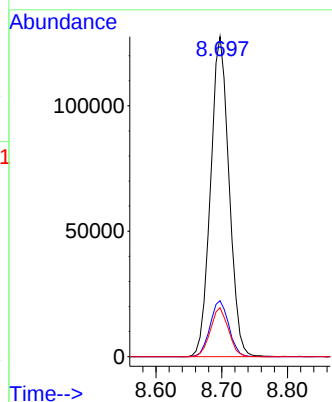
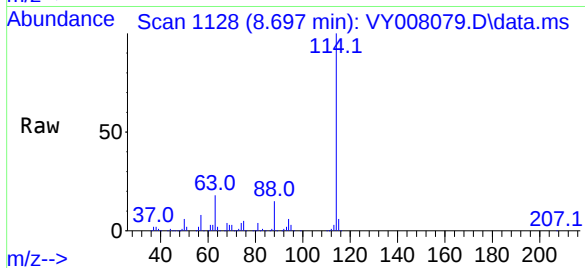
Tgt Ion:114 Resp: 249327

Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.790 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY008079.D

Acq: 29 Mar 2022 11:01

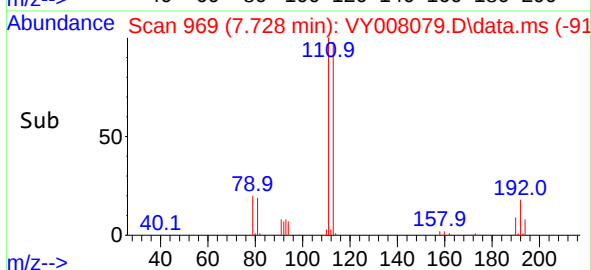
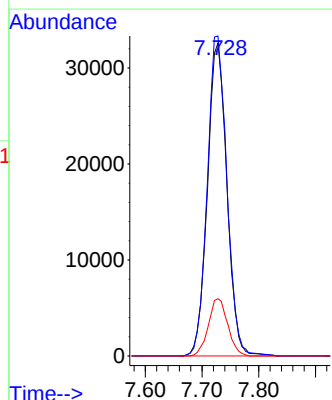
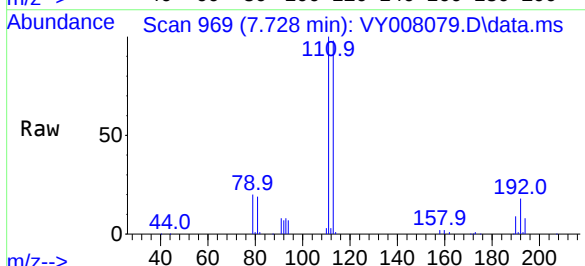
Tgt Ion:113 Resp: 77832

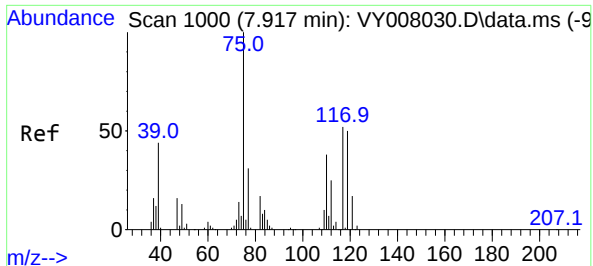
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 18.2 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.193 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.122 min

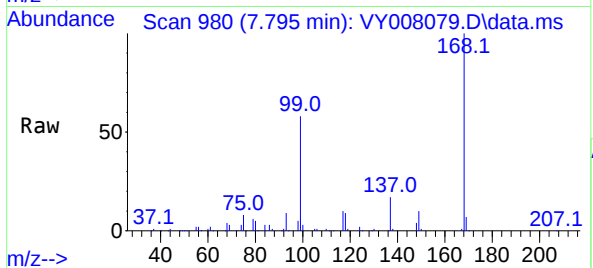
Lab File: VY008079.D

Acq: 29 Mar 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :



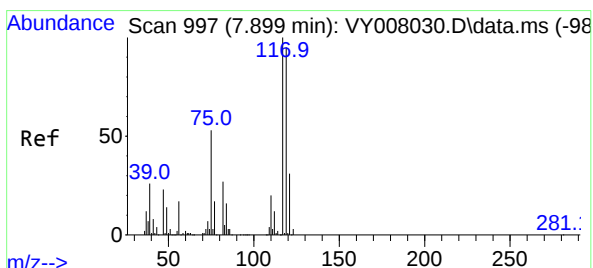
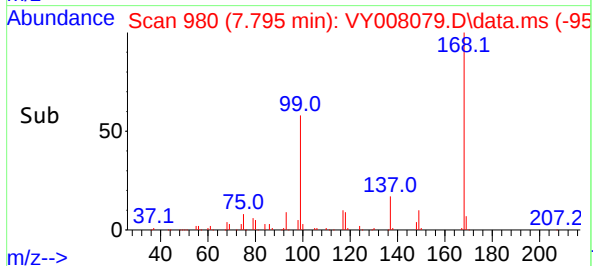
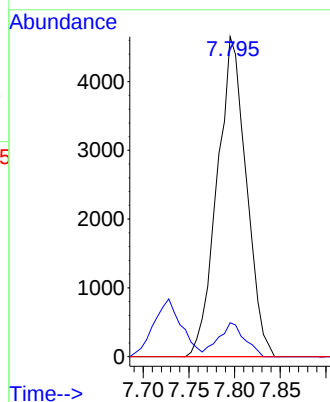
Tgt Ion: 75 Resp: 10295

Ion Ratio Lower Upper

75 100

110 9.5 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.323 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.104 min

Lab File: VY008079.D

Acq: 29 Mar 2022 11:01

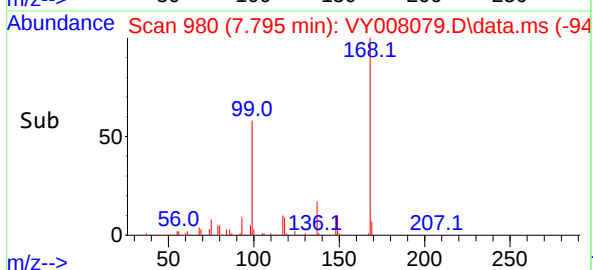
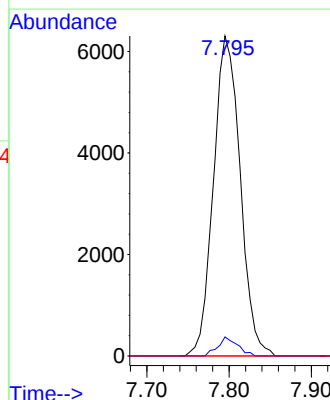
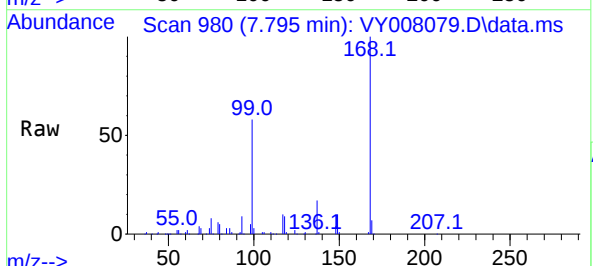
Tgt Ion: 117 Resp: 14245

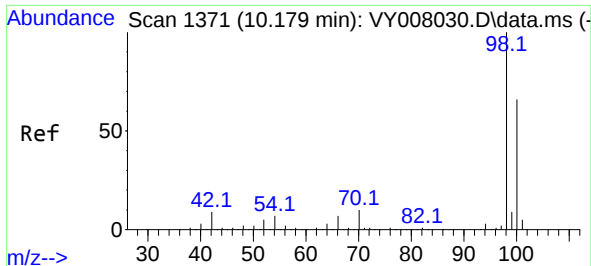
Ion Ratio Lower Upper

117 100

119 5.9 77.9 116.9#

121 0.0 24.8 37.2#

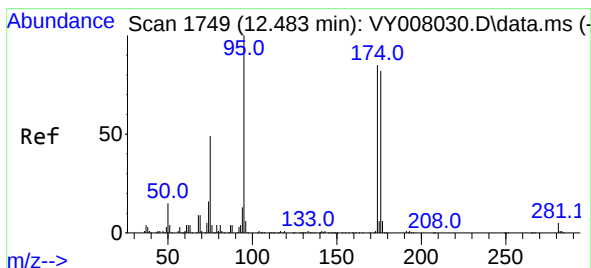
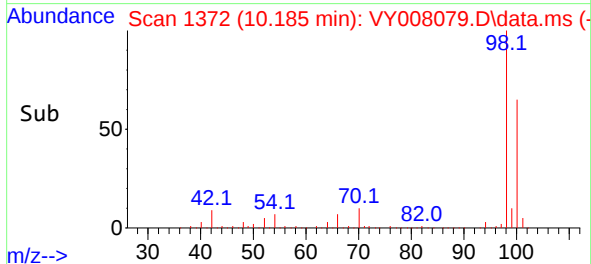
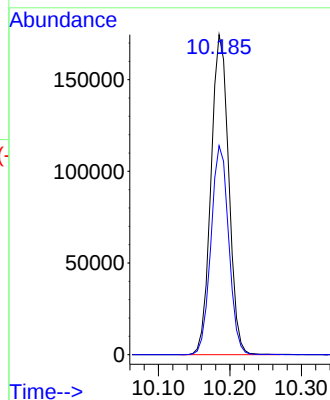
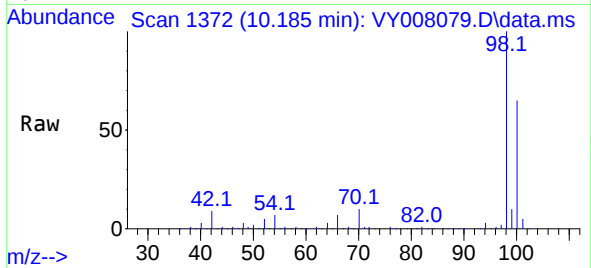




#50
Toluene-d8
Concen: 51.073 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008079.D
Acq: 29 Mar 2022 11:01

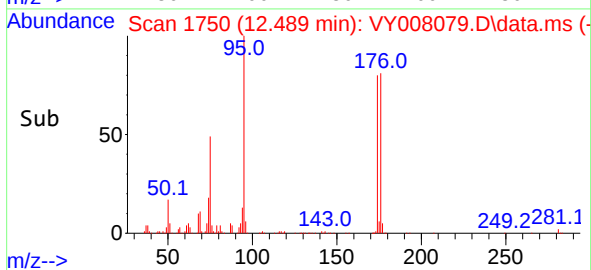
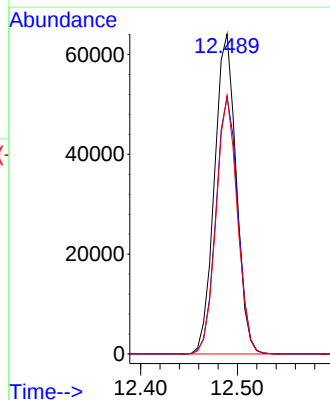
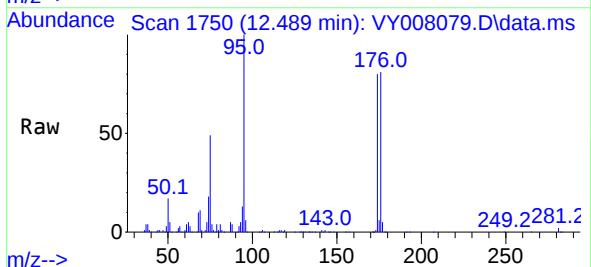
Instrument :
MSVOA_Y
ClientSampleId :

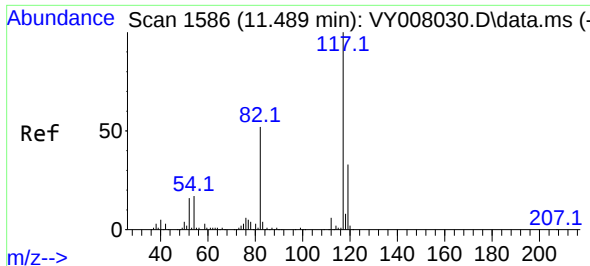
Tgt Ion: 98 Resp: 300789
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.064 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY008079.D
Acq: 29 Mar 2022 11:01

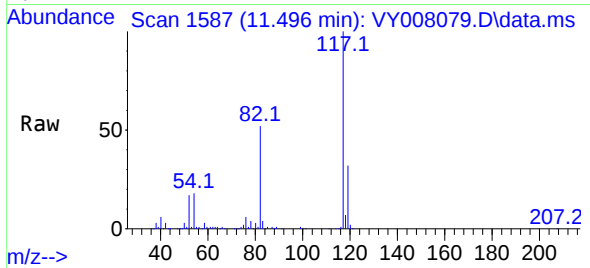
Tgt Ion: 95 Resp: 99867
Ion Ratio Lower Upper
95 100
174 81.1 0.0 177.0
176 78.6 0.0 175.8



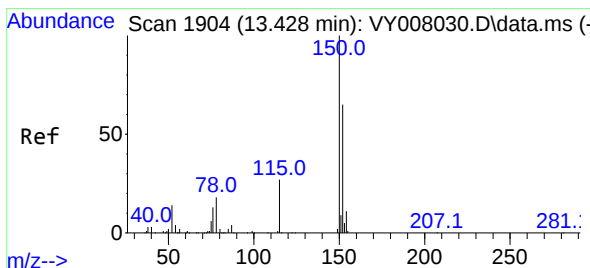
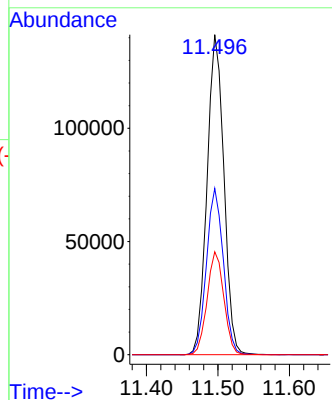
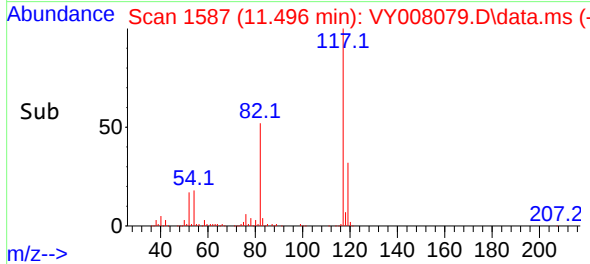


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008079.D
Acq: 29 Mar 2022 11:01

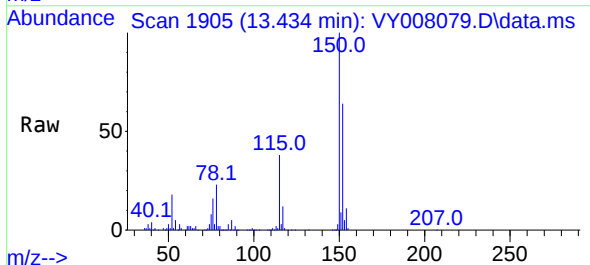
Instrument :
MSVOA_Y
ClientSampleId :



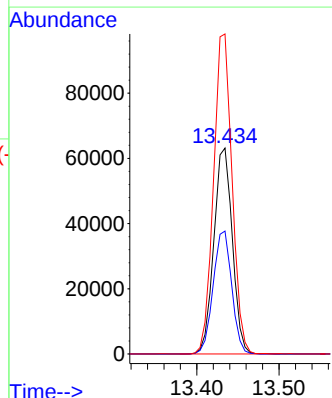
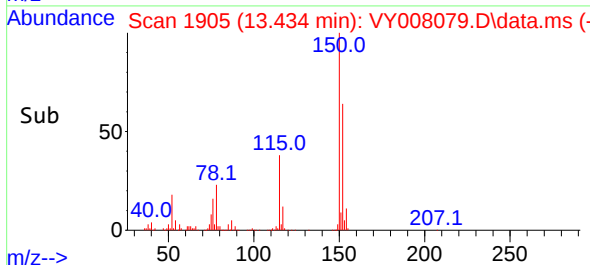
Tgt Ion:117 Resp: 230819
Ion Ratio Lower Upper
117 100
82 51.9 43.0 64.4
119 32.2 25.4 38.0

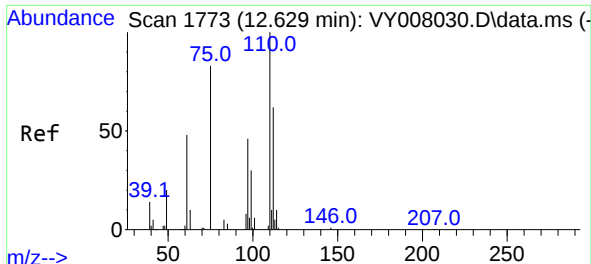


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY008079.D
Acq: 29 Mar 2022 11:01



Tgt Ion:152 Resp: 98908
Ion Ratio Lower Upper
152 100
115 59.7 28.2 84.7
150 155.4 0.0 347.6

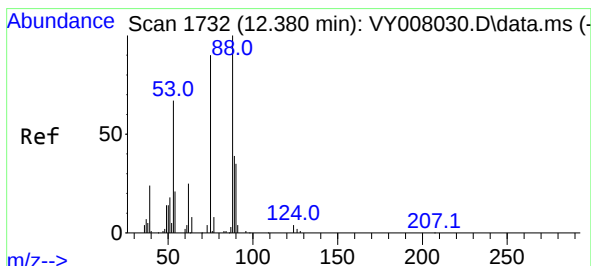
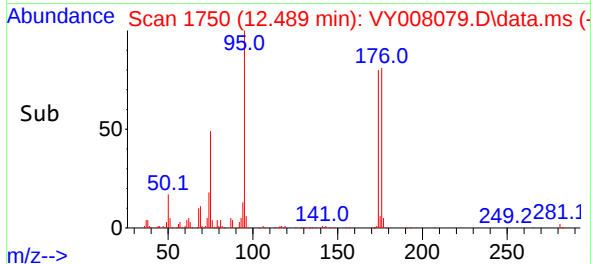
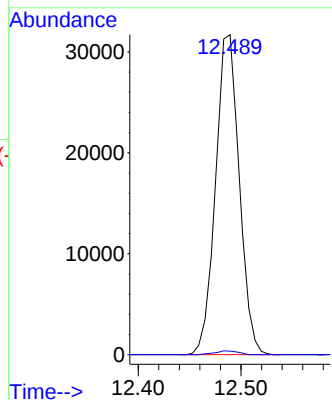
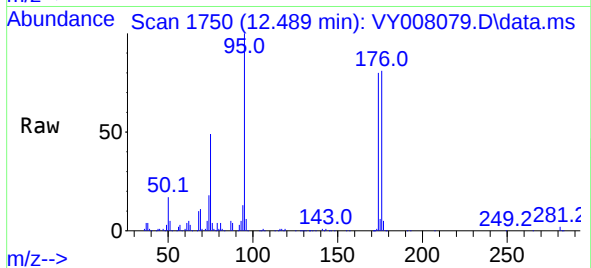




#76
1,2,3-Trichloropropane
Concen: 42.096 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.140 min
Lab File: VY008079.D
Acq: 29 Mar 2022 11:01

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 50755
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.923 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.109 min
Lab File: VY008079.D
Acq: 29 Mar 2022 11:01

Tgt Ion: 75 Resp: 50755
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

