

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040522\
 Data File : VY008209.D
 Acq On : 05 Apr 2022 15:03
 Operator : SY/MD
 Sample : N2237-04RE
 Misc : 4.70g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A12015RE

Quant Time: Apr 06 03:57:30 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)

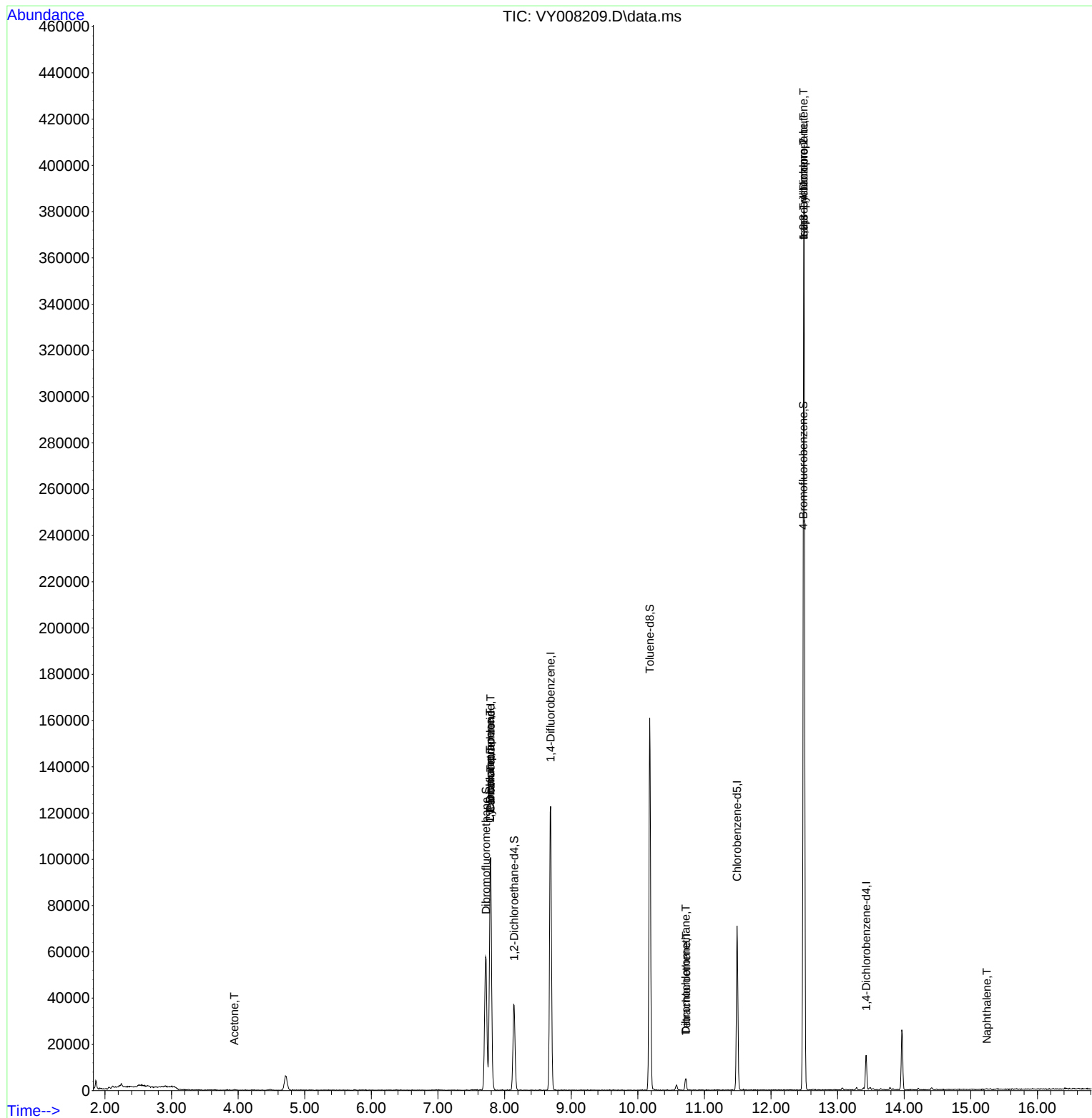
Internal Standards						
1) Pentafluorobenzene	7.789	168	79061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	109858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	39205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	28043	35.353	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	70.700%
35) Dibromofluoromethane	7.722	113	41543	60.314	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.620%
50) Toluene-d8	10.179	98	109187	42.076	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.160%
62) 4-Bromofluorobenzene	12.483	95	7227	7.894	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	15.780%#
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	488	2.692	ug/l #	47
18) Methyl Acetate	4.479	43	723	Below Cal	#	82
31) Cyclohexane	7.783	56	1647	1.111	ug/l #	10
36) 1,1-Dichloropropene	7.783	75	5872	5.427	ug/l #	51
38) Carbon Tetrachloride	7.789	117	7790	6.607	ug/l #	16
60) Dibromochloromethane	10.721	129	875	1.086	ug/l #	11
64) Tetrachloroethene	10.727	164	1118	3.713	ug/l #	85
73) Isopropylbenzene	12.489	105	989	2.937	ug/l #	55
76) 1,2,3-Trichloropropane	12.489	75	6970	140.176	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	6970	312.755	ug/l #	15
95) Naphthalene	15.239	128	358	2.006	ug/l #	69

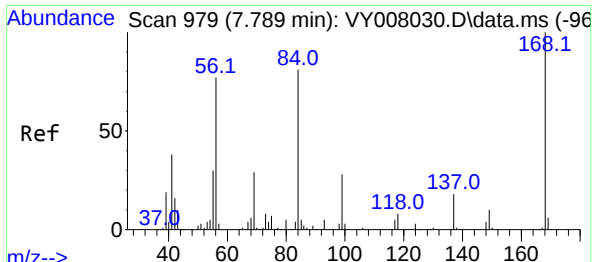
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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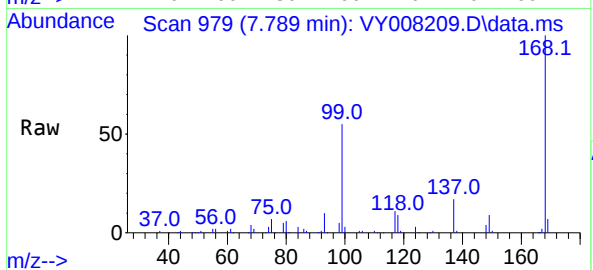
Quant Time: Apr 06 03:57:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
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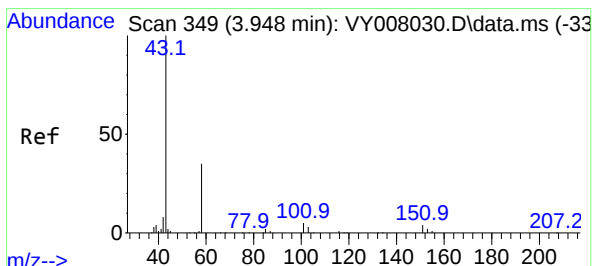
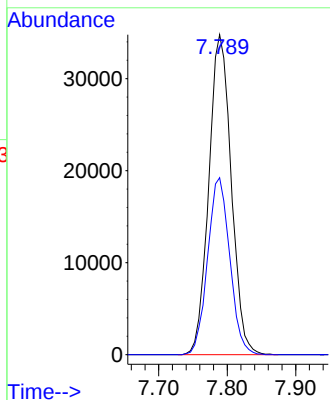
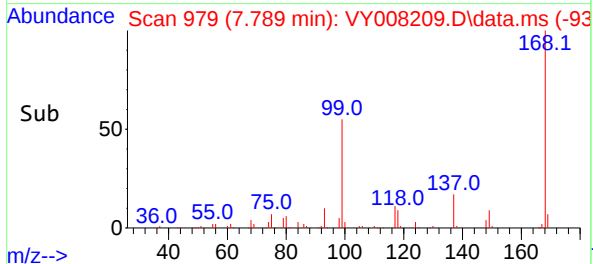


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008209.D
Acq: 05 Apr 2022 15:03

Instrument :
MSVOA_Y
ClientSampleId :
A12015RE

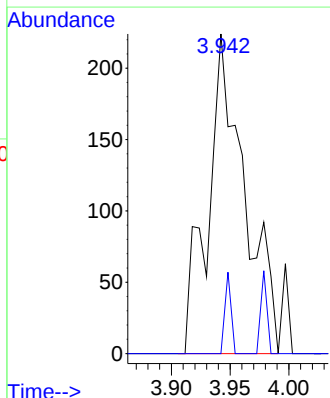
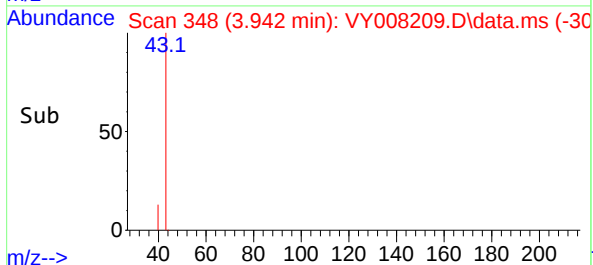
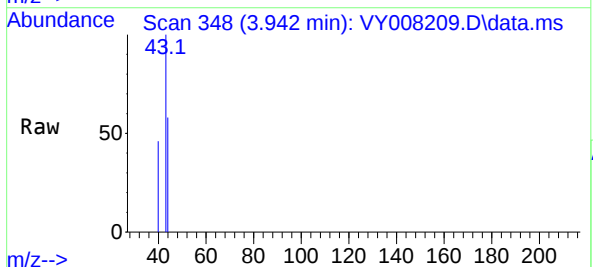


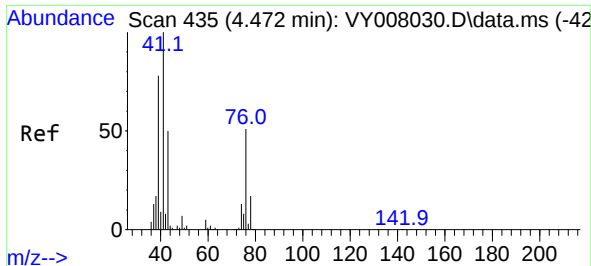
Tgt Ion:168 Resp: 79061
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#16
Acetone
Concen: 2.692 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008209.D
Acq: 05 Apr 2022 15:03

Tgt Ion: 43 Resp: 488
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#

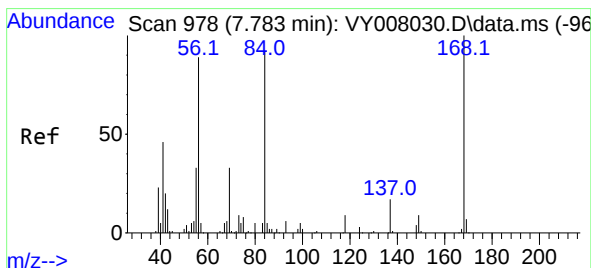
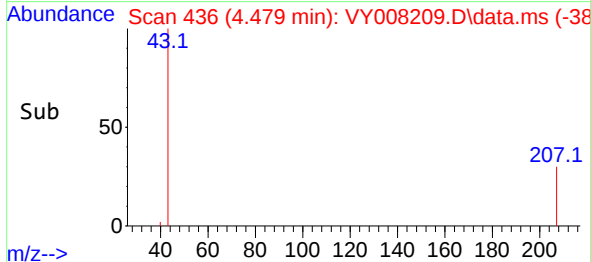
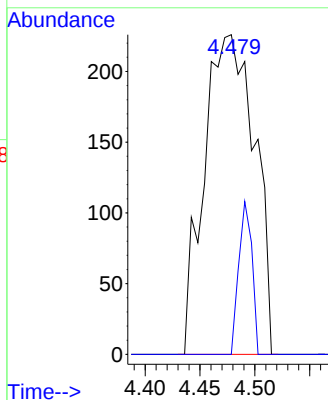
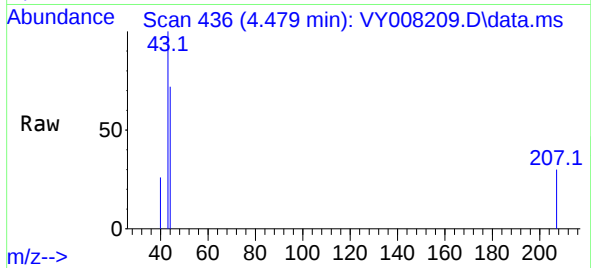




#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY008209.D
Acq: 05 Apr 2022 15:03

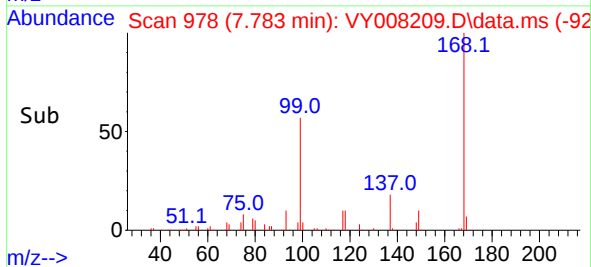
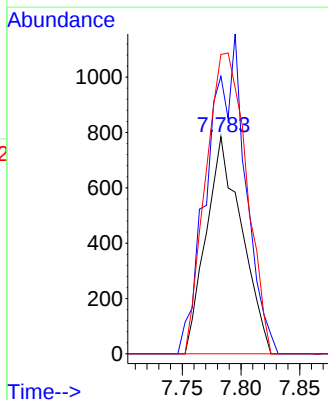
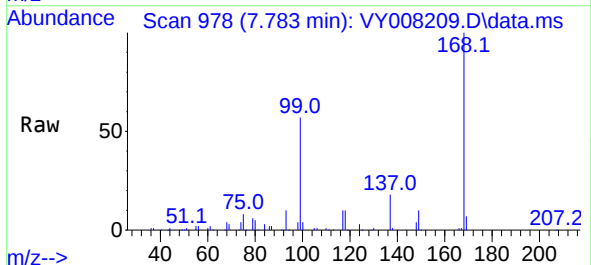
Instrument :
MSVOA_Y
ClientSampleId :
A12015RE

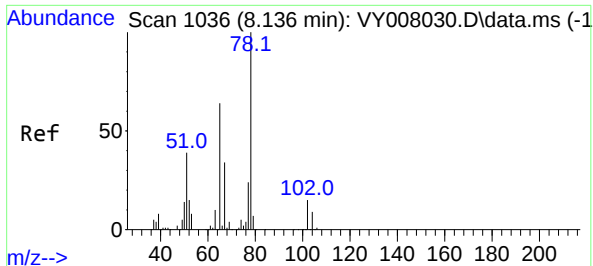
Tgt Ion: 43 Resp: 723
Ion Ratio Lower Upper
43 100
74 12.4 16.6 24.8#



#31
Cyclohexane
Concen: 1.111 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY008209.D
Acq: 05 Apr 2022 15:03

Tgt Ion: 56 Resp: 1647
Ion Ratio Lower Upper
56 100
69 127.8 26.7 40.1#
84 137.8 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 35.353 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY008209.D

Acq: 05 Apr 2022 15:03

Instrument :

MSVOA_Y

ClientSampleId :

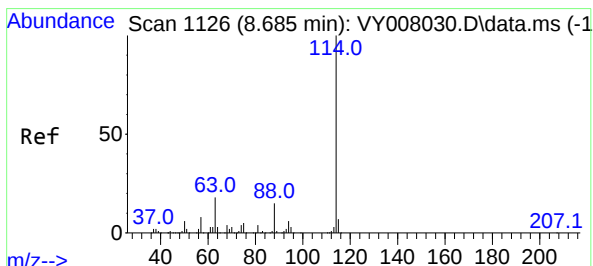
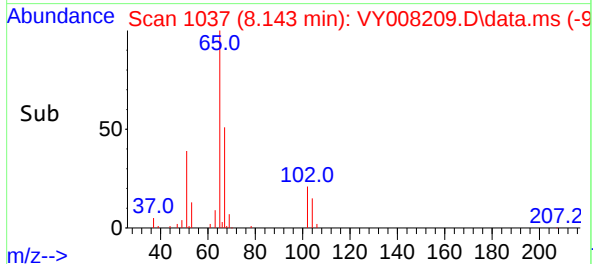
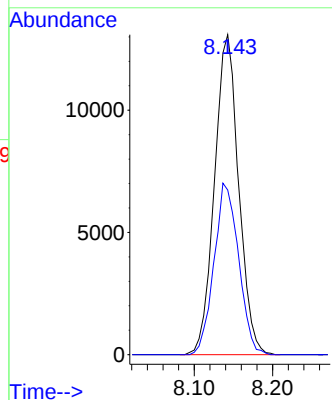
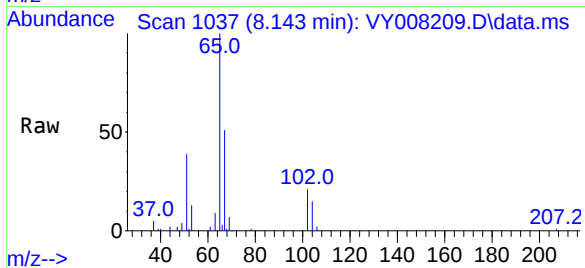
A12015RE

Tgt Ion: 65 Resp: 28043

Ion Ratio Lower Upper

65 100

67 54.5 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: VY008209.D

Acq: 05 Apr 2022 15:03

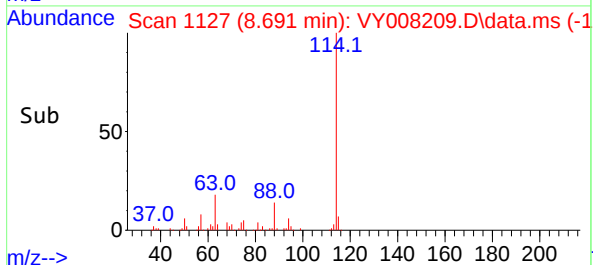
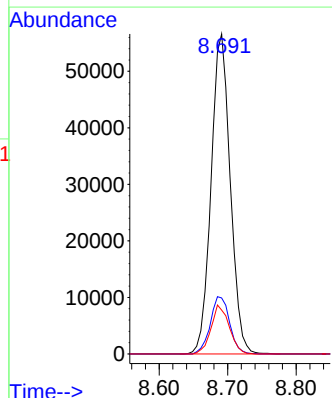
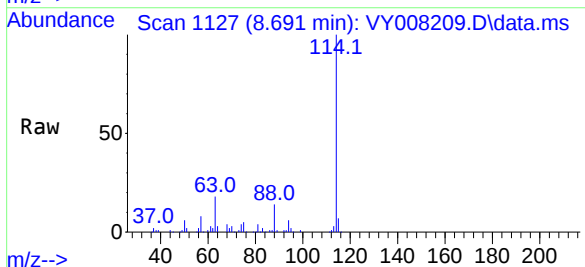
Tgt Ion: 114 Resp: 109858

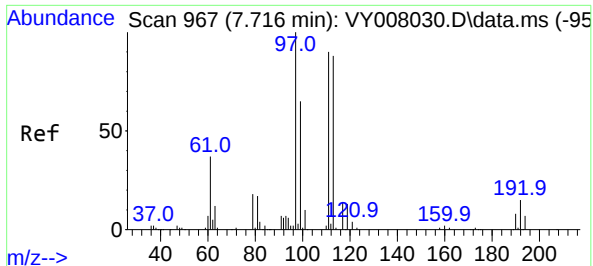
Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 13.7 0.0 31.8

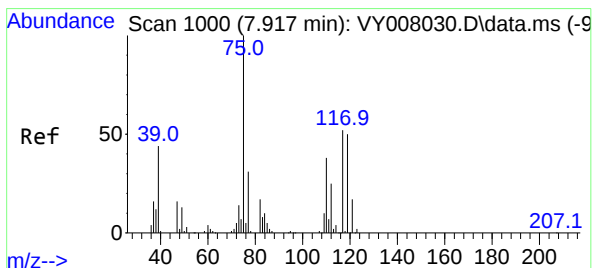
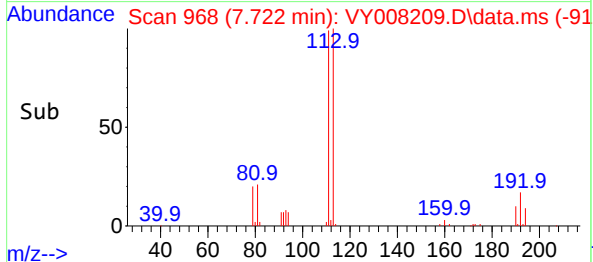
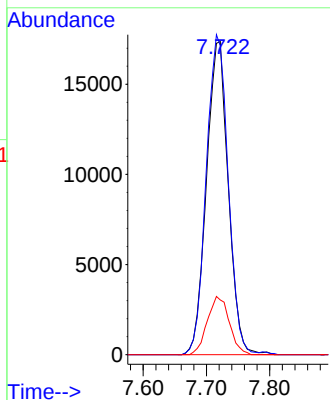
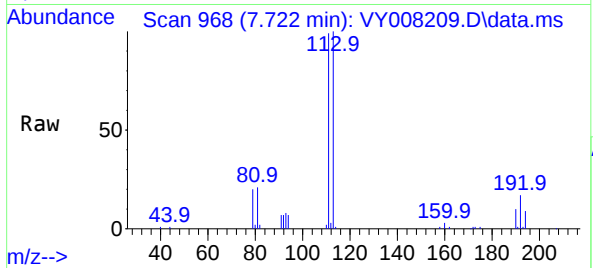




#35
Dibromofluoromethane
Concen: 60.314 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008209.D
Acq: 05 Apr 2022 15:03

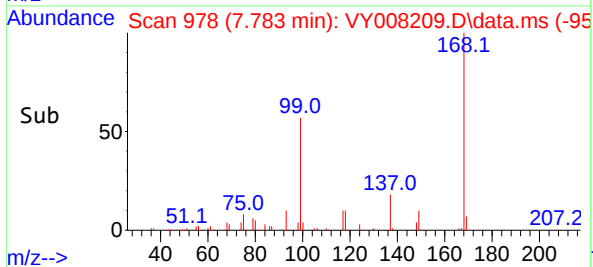
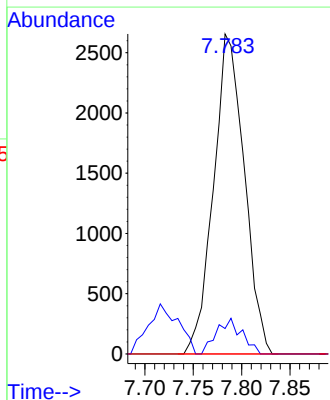
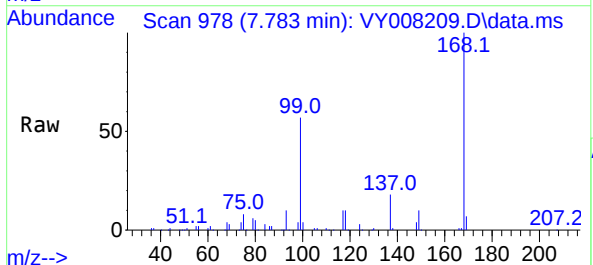
Instrument :
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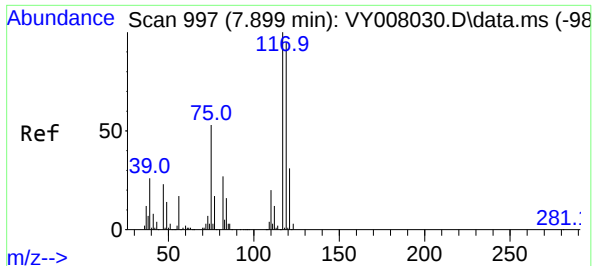
Tgt Ion: 113 Resp: 41543
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 18.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.427 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008209.D
Acq: 05 Apr 2022 15:03

Tgt Ion: 75 Resp: 5872
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.2#
77 0.0 24.4 36.6#

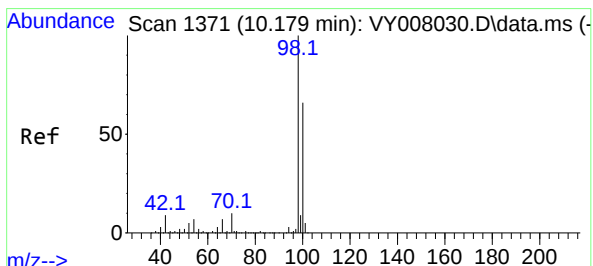
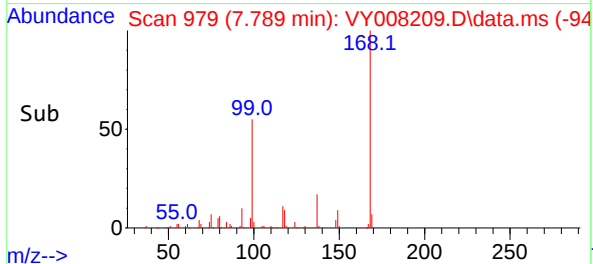
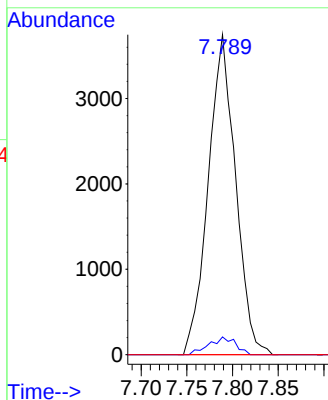
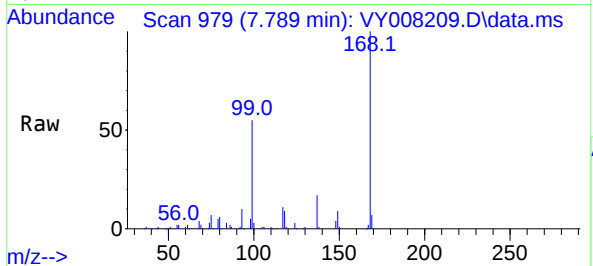




#38
Carbon Tetrachloride
Concen: 6.607 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008209.D
Acq: 05 Apr 2022 15:03

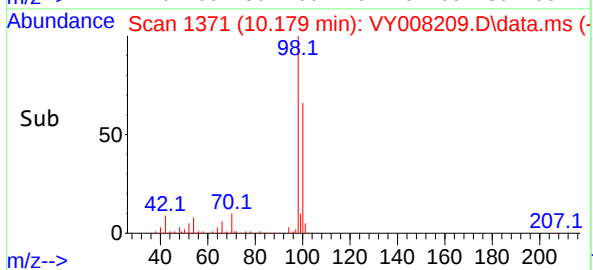
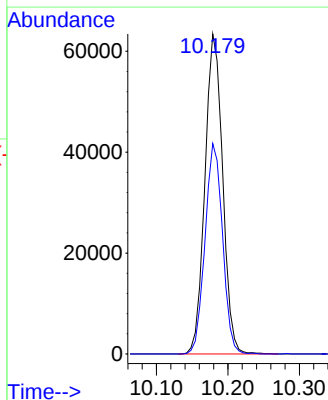
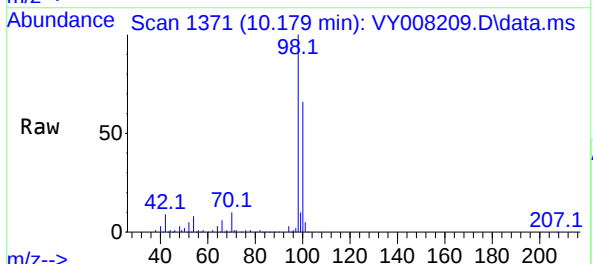
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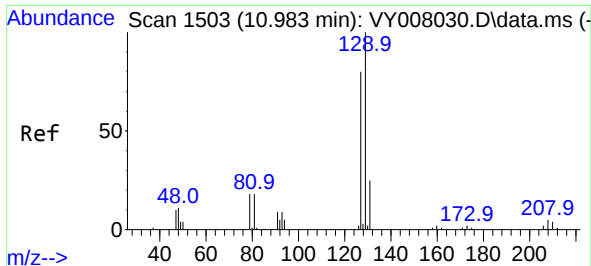
Tgt Ion:117 Resp: 7790
Ion Ratio Lower Upper
117 100
119 5.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 42.076 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008209.D
Acq: 05 Apr 2022 15:03

Tgt Ion: 98 Resp: 109187
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

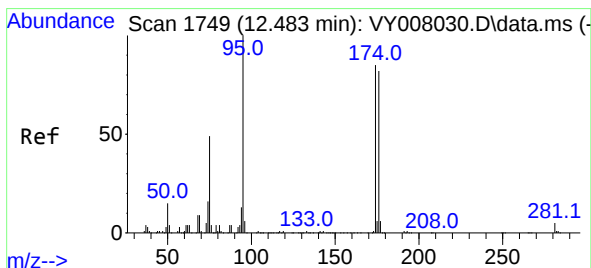
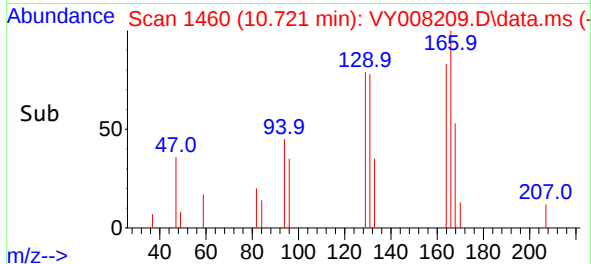
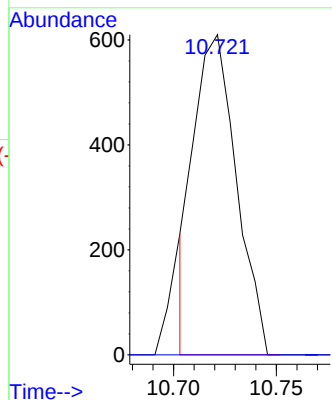
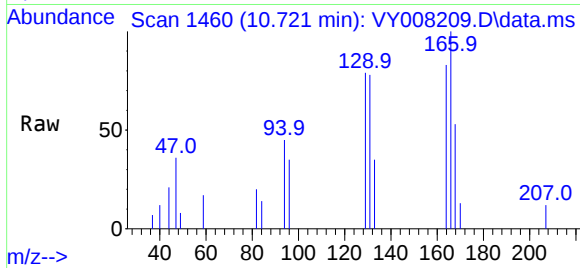




#60
Dibromochloromethane
Concen: 1.086 ug/l
RT: 10.721 min Scan# 14
Delta R.T. -0.262 min
Lab File: VY008209.D
Acq: 05 Apr 2022 15:03

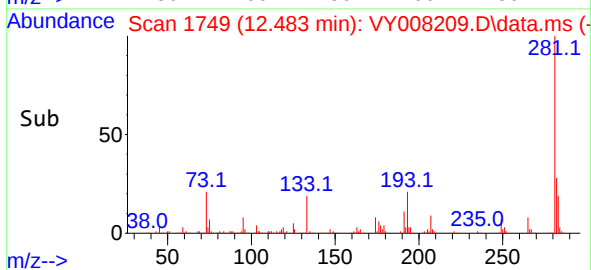
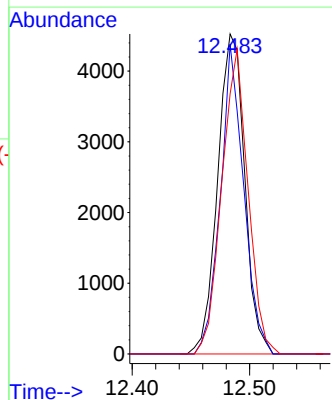
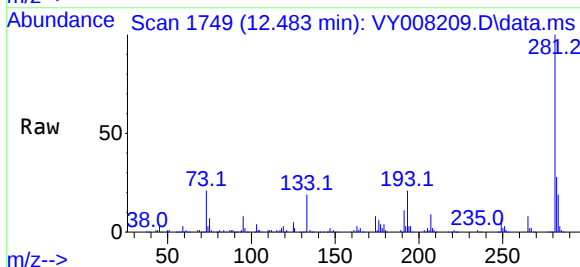
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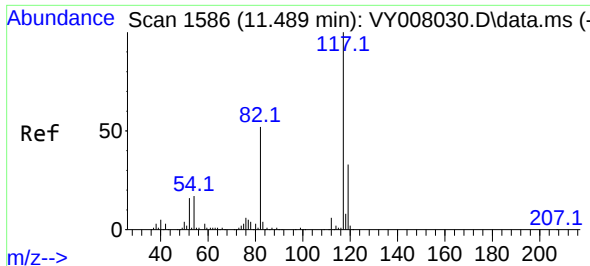
Tgt Ion:129 Resp: 875
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#



#62
4-Bromofluorobenzene
Concen: 7.894 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008209.D
Acq: 05 Apr 2022 15:03

Tgt Ion: 95 Resp: 7227
Ion Ratio Lower Upper
95 100
174 83.8 0.0 177.0
176 92.5 0.0 175.8

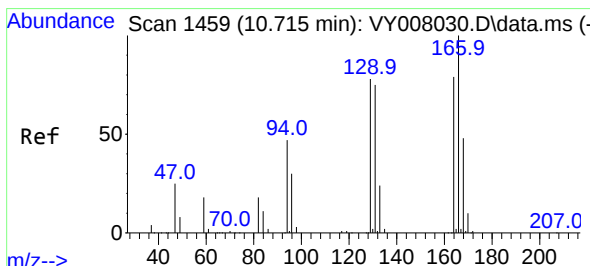
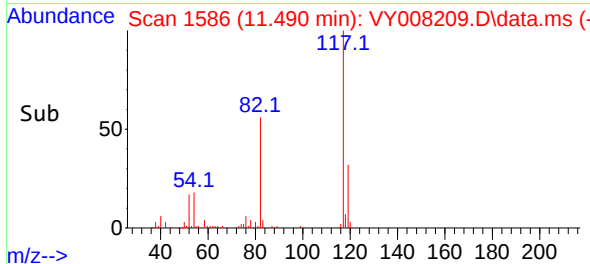
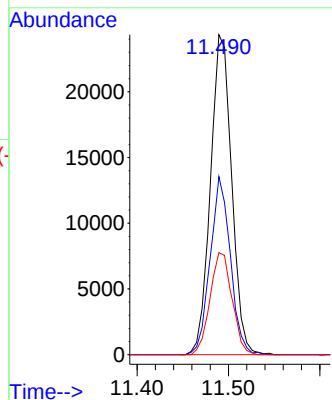
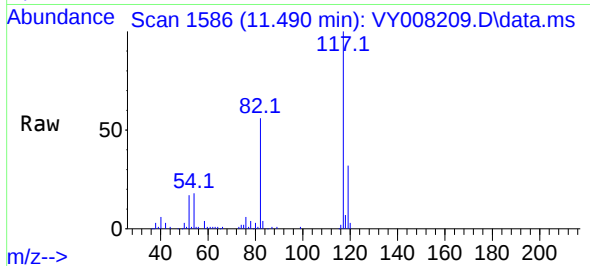




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008209.D
Acq: 05 Apr 2022 15:03

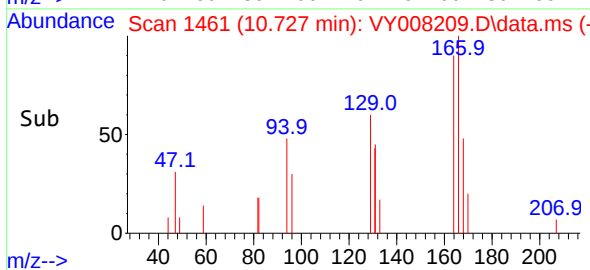
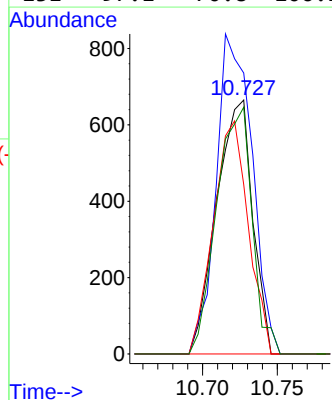
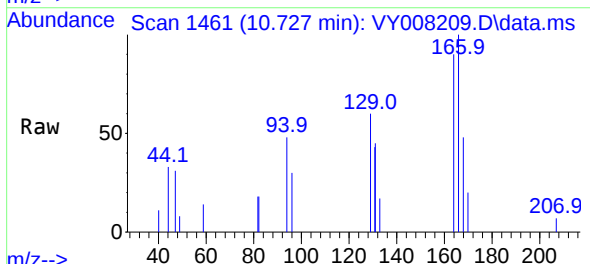
Instrument :
MSVOA_Y
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A12015RE

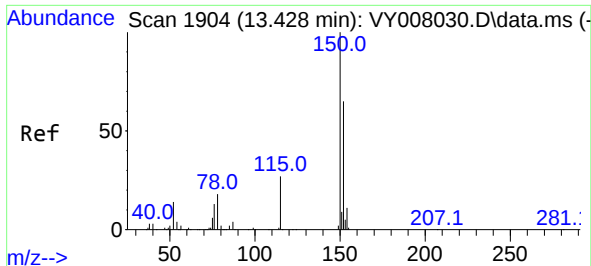
Tgt Ion:	117	Resp:	39205
Ion	Ratio	Lower	Upper
117	100		
82	55.7	43.0	64.4
119	31.9	25.4	38.0



#64
Tetrachloroethene
Concen: 3.713 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.012 min
Lab File: VY008209.D
Acq: 05 Apr 2022 15:03

Tgt Ion:	164	Resp:	1118
Ion	Ratio	Lower	Upper
164	100		
166	110.7	100.4	150.6
129	66.8	71.4	107.0#
131	97.1	70.8	106.2

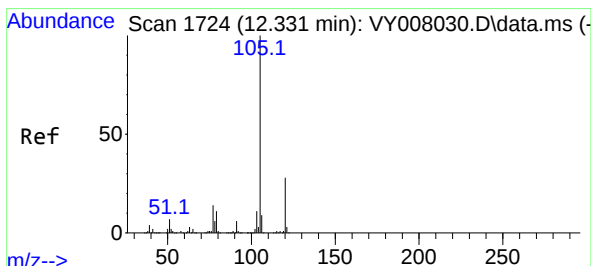
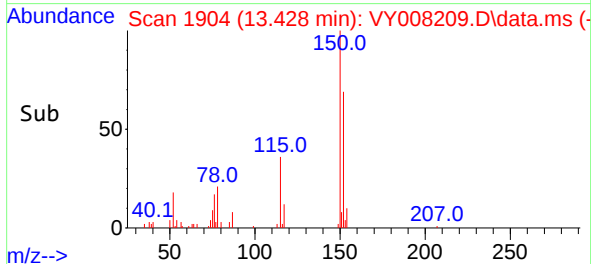
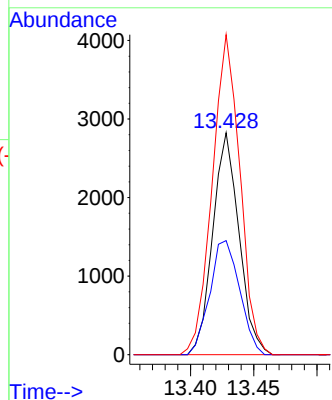
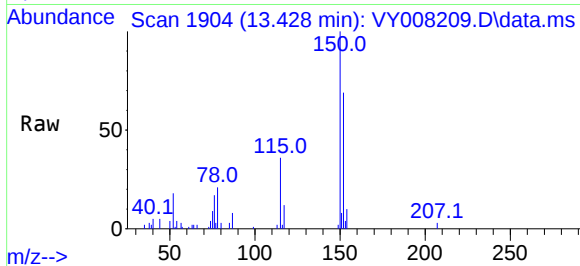




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008209.D
Acq: 05 Apr 2022 15:03

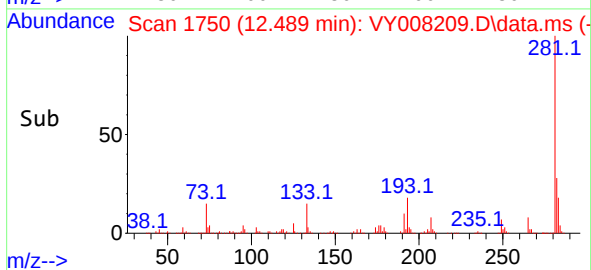
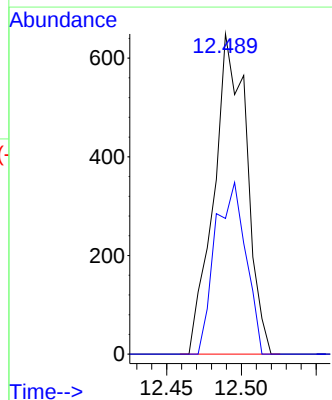
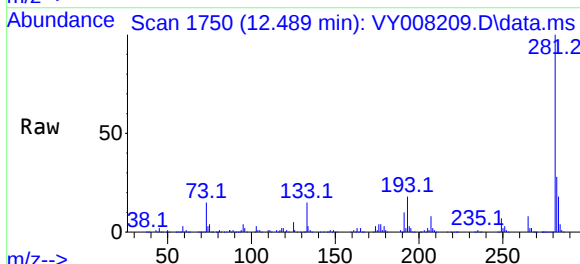
Instrument :
MSVOA_Y
ClientSampleId :
A12015RE

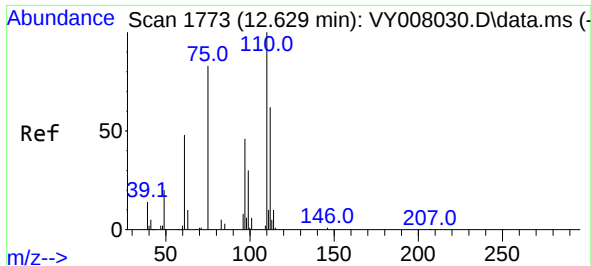
Tgt Ion:152 Resp: 4079
Ion Ratio Lower Upper
152 100
115 58.5 28.2 84.7
150 151.9 0.0 347.6



#73
Isopropylbenzene
Concen: 2.937 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.158 min
Lab File: VY008209.D
Acq: 05 Apr 2022 15:03

Tgt Ion:105 Resp: 989
Ion Ratio Lower Upper
105 100
120 50.1 13.4 40.2#

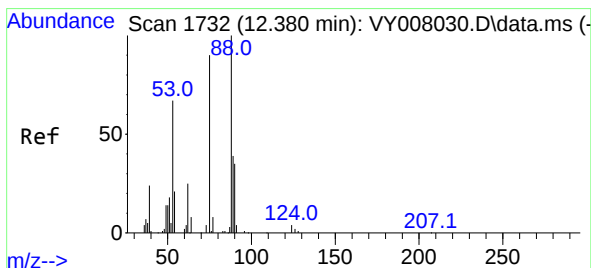
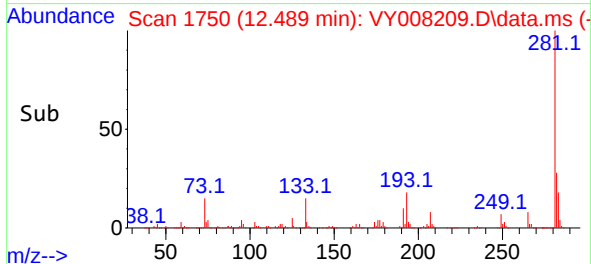
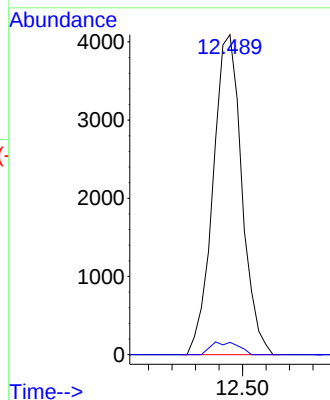
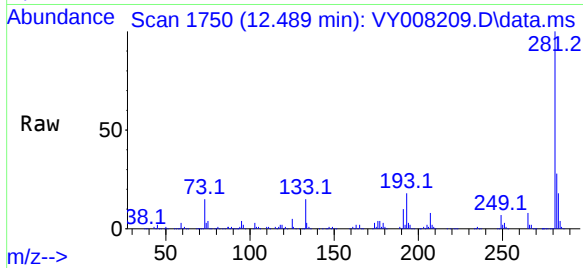




#76
1,2,3-Trichloropropane
Concen: 140.176 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.140 min
Lab File: VY008209.D
Acq: 05 Apr 2022 15:03

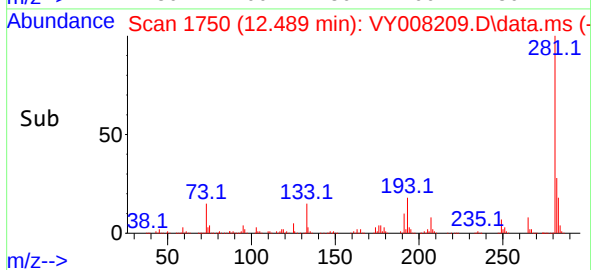
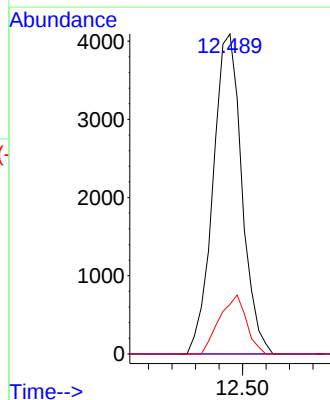
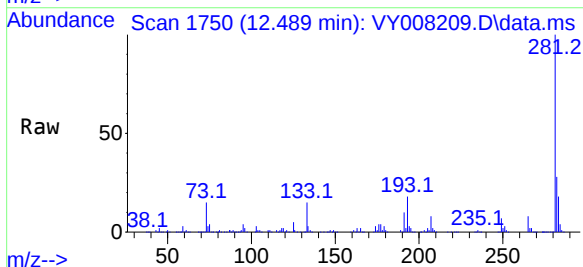
Instrument :
MSVOA_Y
ClientSampleId :
A12015RE

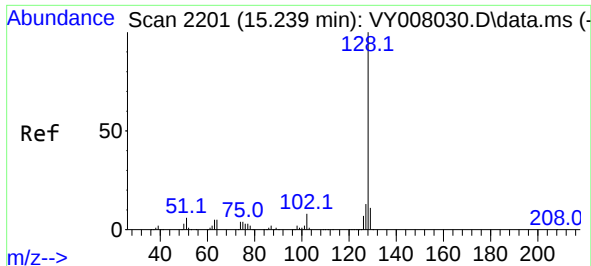
Tgt Ion: 75 Resp: 6970
Ion Ratio Lower Upper
75 100
77 3.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 312.755 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.109 min
Lab File: VY008209.D
Acq: 05 Apr 2022 15:03

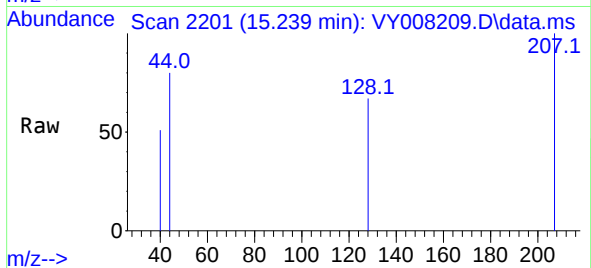
Tgt Ion: 75 Resp: 6970
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 17.1 37.0 55.4#





#95
Naphthalene
Concen: 2.006 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY008209.D
Acq: 05 Apr 2022 15:03

Instrument :
MSVOA_Y
ClientSampleId :
A12015RE



Tgt Ion:128 Resp: 358
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

