

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
 Data File : VY008192.D
 Acq On : 04 Apr 2022 19:46
 Operator : SY/MD
 Sample : N2237-04
 Misc : 4.19g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 05 04:43:49 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)

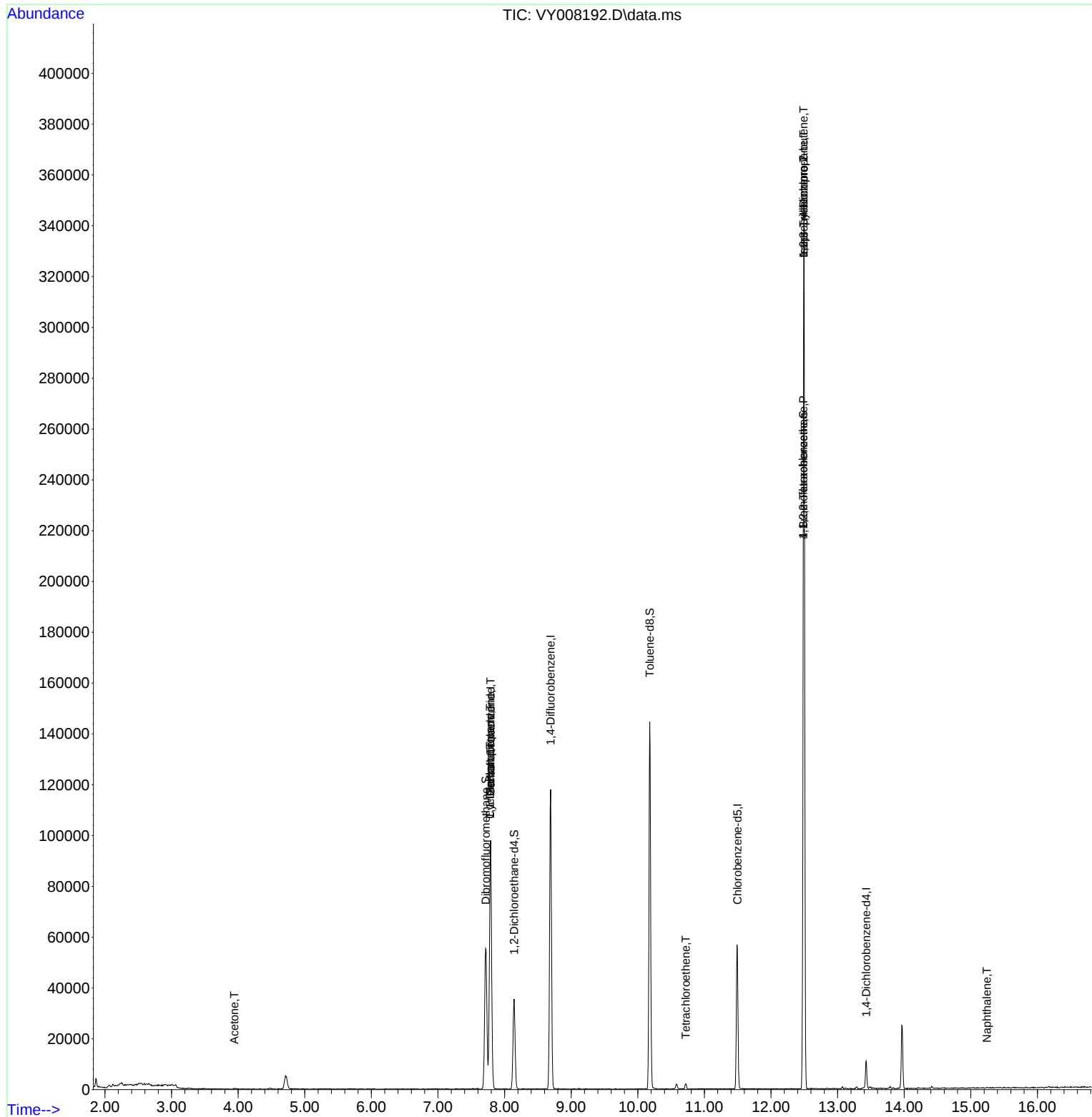
Internal Standards						
1) Pentafluorobenzene	7.789	168	76115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	105378	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	33293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	26796	35.089	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	70.180%
35) Dibromofluoromethane	7.716	113	40271	60.953	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.900%
50) Toluene-d8	10.179	98	98151	39.431	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.860%
62) 4-Bromofluorobenzene	12.483	95	5526	6.293	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	12.580%#
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	392	2.246	ug/l #	47
18) Methyl Acetate	4.472	43	418	Below Cal		96
31) Cyclohexane	7.783	56	1519	1.064	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	5673	5.466	ug/l #	50
38) Carbon Tetrachloride	7.789	117	7845	6.936	ug/l #	14
64) Tetrachloroethene	10.721	164	458	1.791	ug/l #	86
73) Isopropylbenzene	12.489	105	1046	4.132	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.483	83	405	8.231	ug/l #	36
76) 1,2,3-Trichloropropane	12.489	75	5734	153.369	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	5734	342.191	ug/l #	16
95) Naphthalene	15.239	128	305	2.273	ug/l #	69

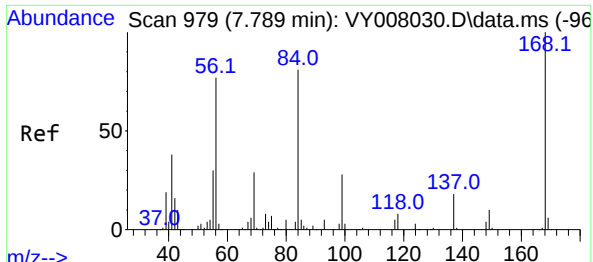
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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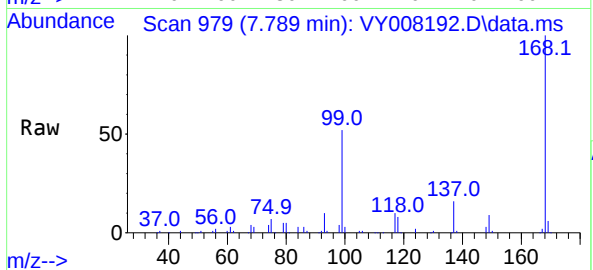
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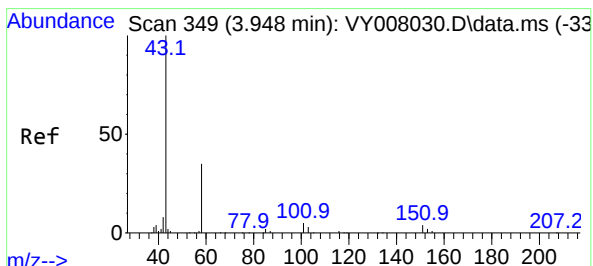
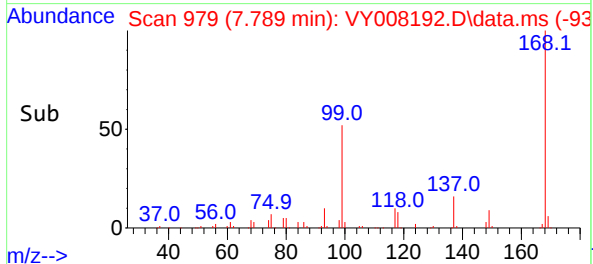
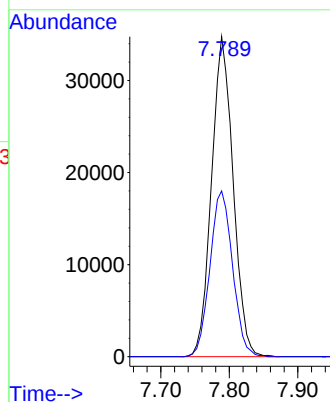


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008192.D
Acq: 04 Apr 2022 19:46

Instrument :
MSVOA_Y
ClientSampleId :

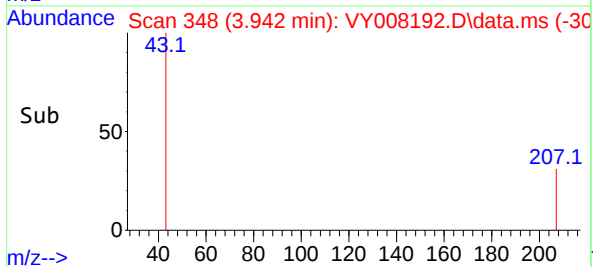
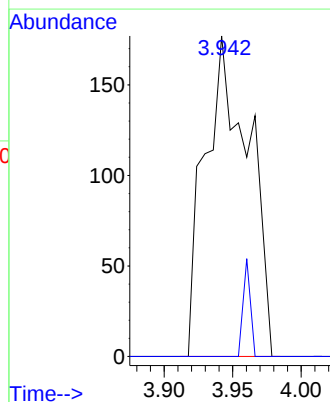
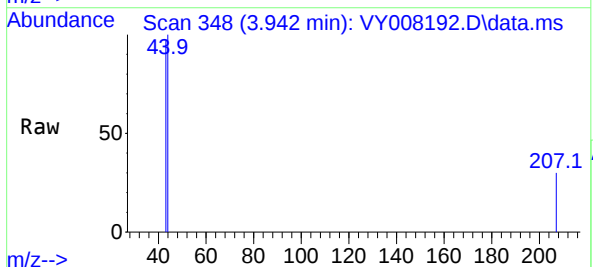


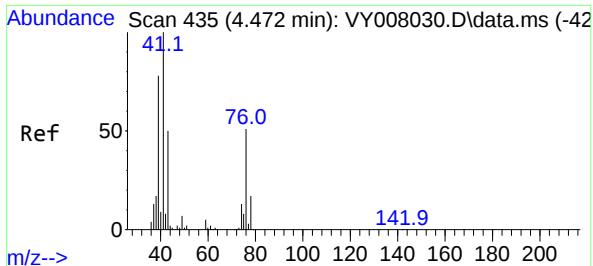
Tgt Ion:168 Resp: 76115
Ion Ratio Lower Upper
168 100
99 51.8 46.9 70.3



#16
Acetone
Concen: 2.246 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008192.D
Acq: 04 Apr 2022 19:46

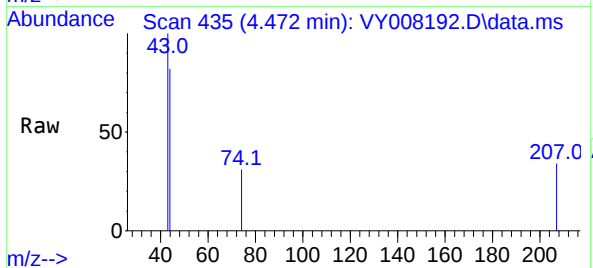
Tgt Ion: 43 Resp: 392
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



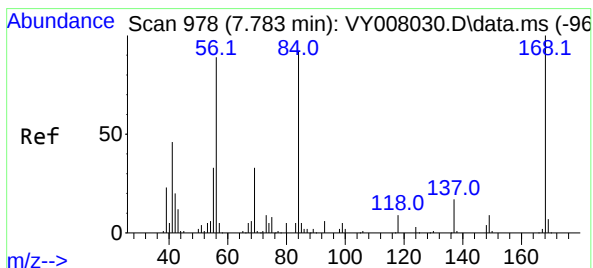
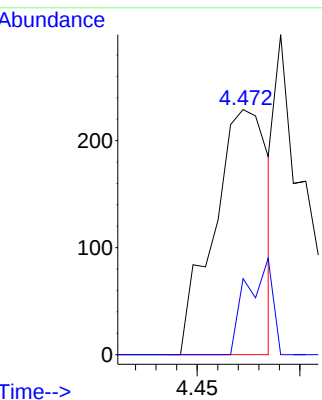
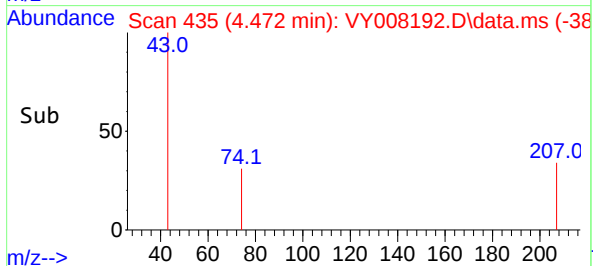


#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 418
Delta R.T. 0.000 min
Lab File: VY008192.D
Acq: 04 Apr 2022 19:46

Instrument :
MSVOA_Y
ClientSampleId :

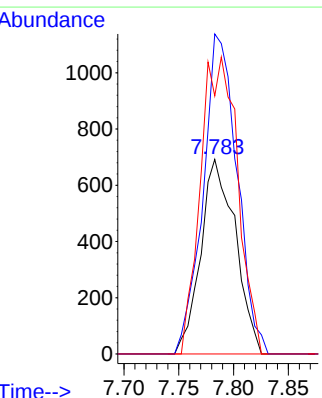
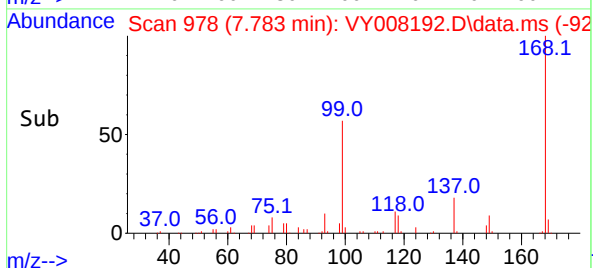
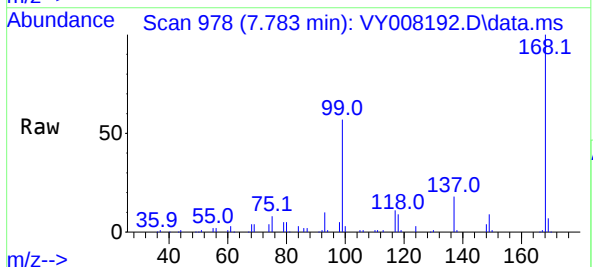


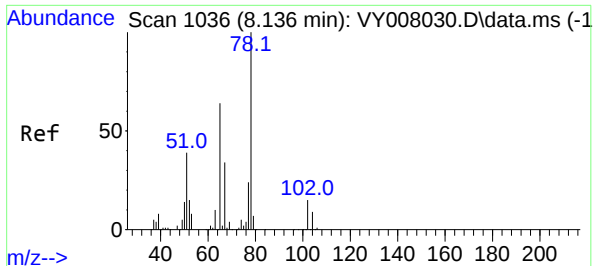
Tgt Ion: 43 Resp: 418
Ion Ratio Lower Upper
43 100
74 18.7 16.6 24.8



#31
Cyclohexane
Concen: 1.064 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY008192.D
Acq: 04 Apr 2022 19:46

Tgt Ion: 56 Resp: 1519
Ion Ratio Lower Upper
56 100
69 164.5 26.7 40.1#
84 132.7 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 35.089 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY008192.D

Acq: 04 Apr 2022 19:46

Instrument :

MSVOA_Y

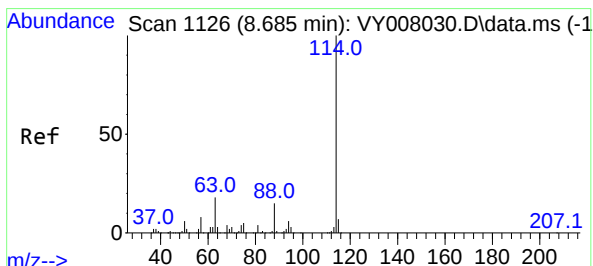
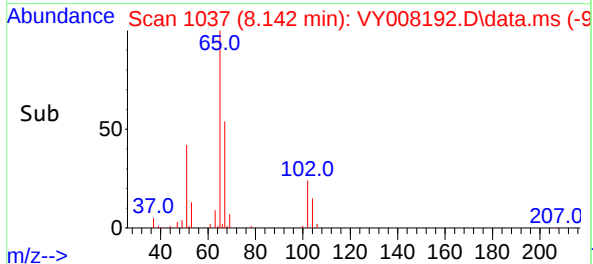
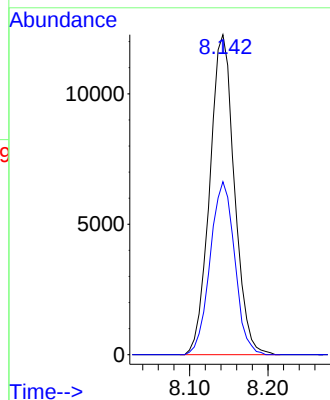
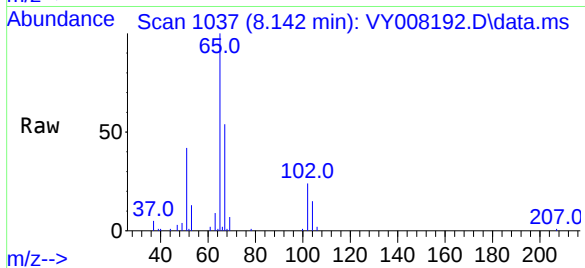
ClientSampleId :

Tgt Ion: 65 Resp: 26796

Ion Ratio Lower Upper

65 100

67 53.9 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: VY008192.D

Acq: 04 Apr 2022 19:46

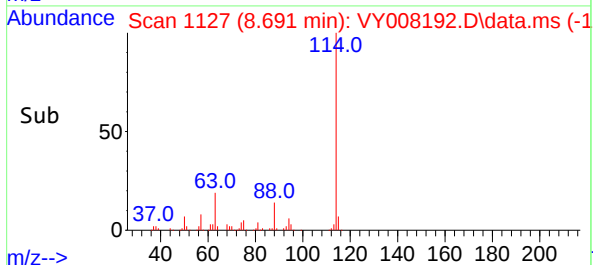
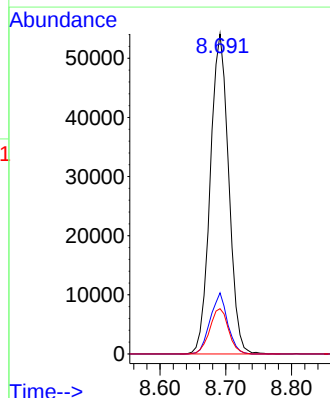
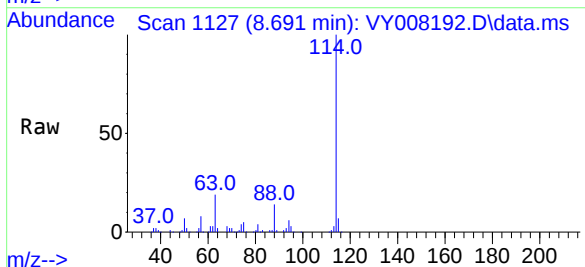
Tgt Ion: 114 Resp: 105378

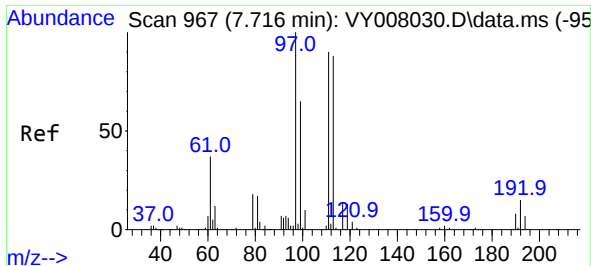
Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

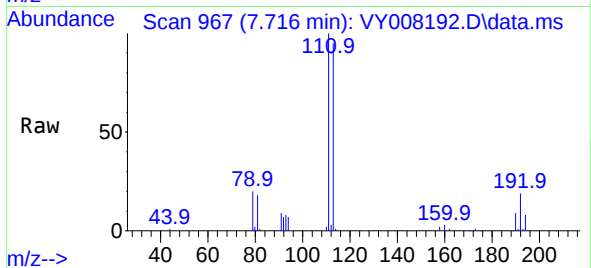
88 14.1 0.0 31.8



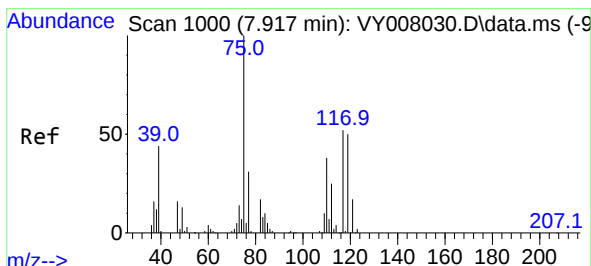
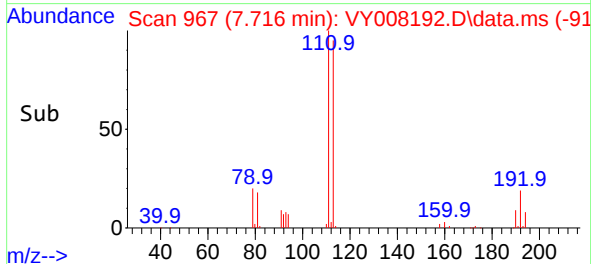
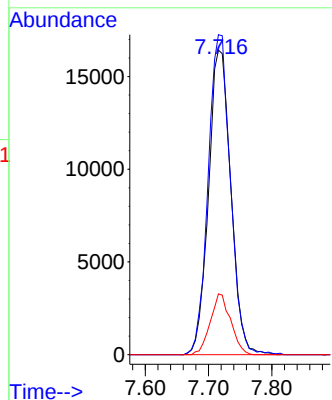


#35
Dibromofluoromethane
Concen: 60.953 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008192.D
Acq: 04 Apr 2022 19:46

Instrument :
MSVOA_Y
ClientSampleId :

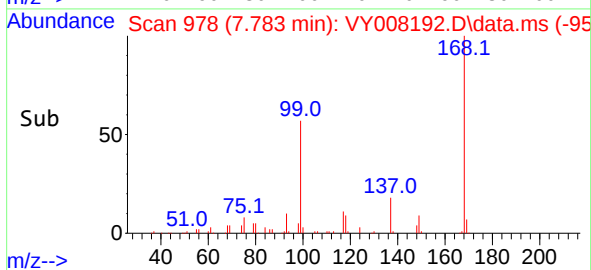
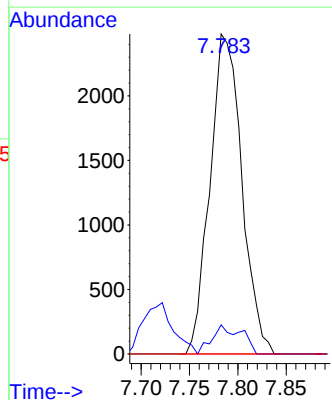
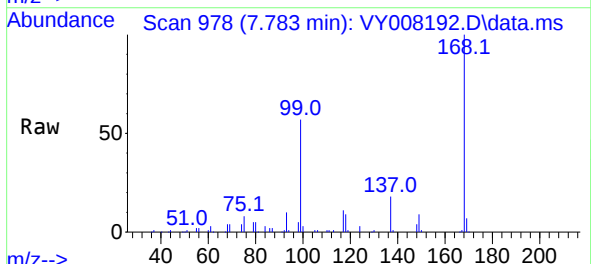


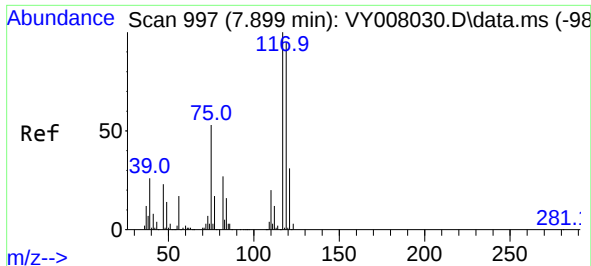
Tgt Ion:113 Resp: 40271
Ion Ratio Lower Upper
113 100
111 104.6 82.6 124.0
192 18.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.466 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008192.D
Acq: 04 Apr 2022 19:46

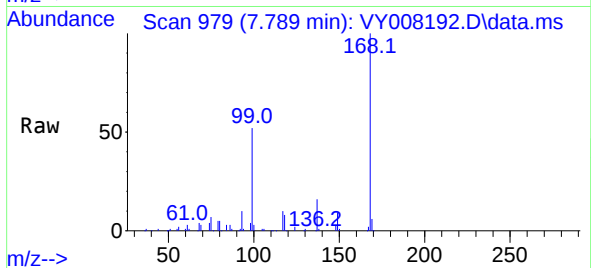
Tgt Ion: 75 Resp: 5673
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.2#
77 0.0 24.4 36.6#



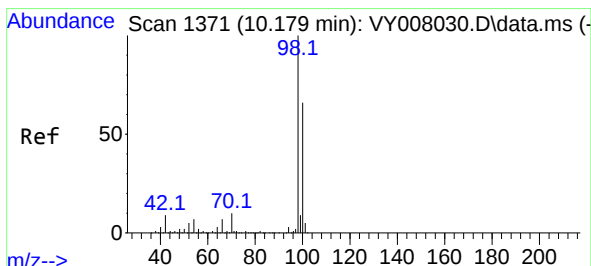
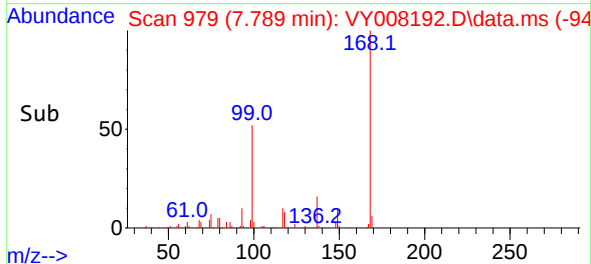
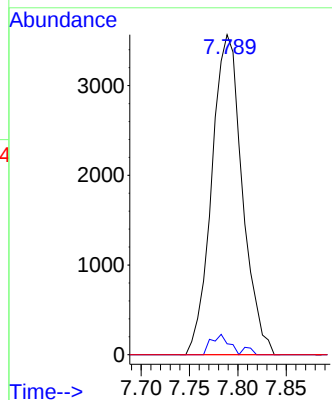


#38
Carbon Tetrachloride
Concen: 6.936 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008192.D
Acq: 04 Apr 2022 19:46

Instrument :
MSVOA_Y
ClientSampleId :

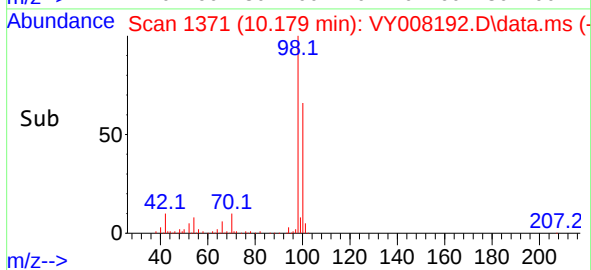
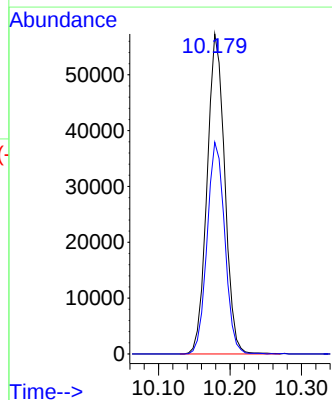
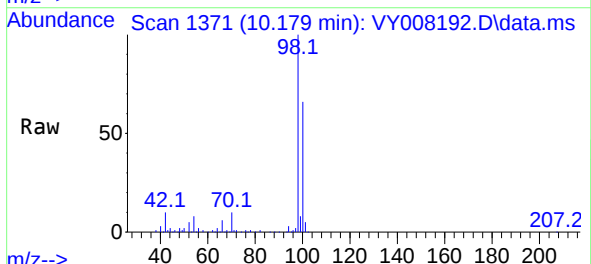


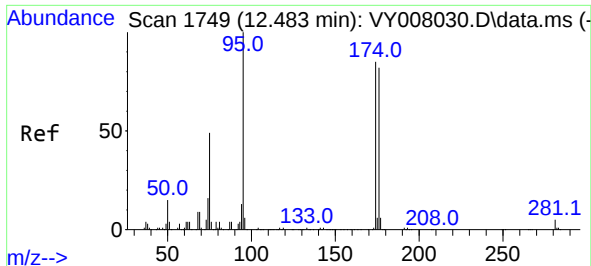
Tgt Ion:117 Resp: 7845
Ion Ratio Lower Upper
117 100
119 3.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 39.431 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008192.D
Acq: 04 Apr 2022 19:46

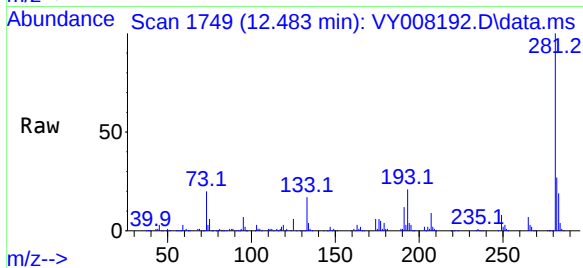
Tgt Ion: 98 Resp: 98151
Ion Ratio Lower Upper
98 100
100 66.2 50.2 75.2



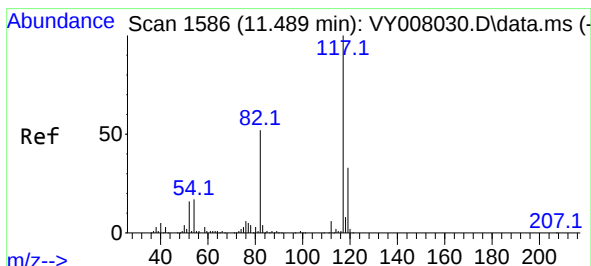
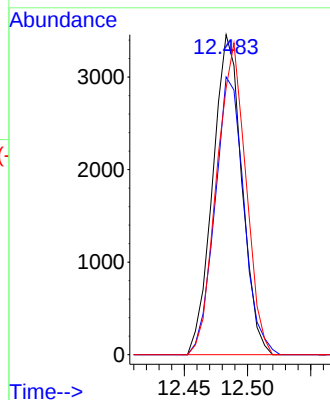
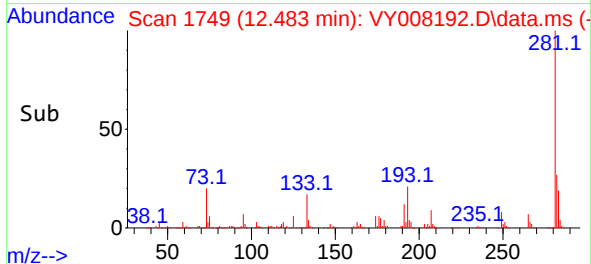


#62
4-Bromofluorobenzene
Concen: 6.293 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008192.D
Acq: 04 Apr 2022 19:46

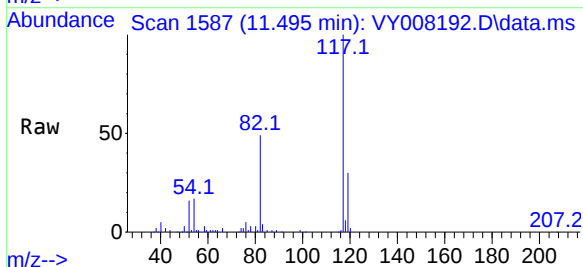
Instrument :
MSVOA_Y
ClientSampleId :



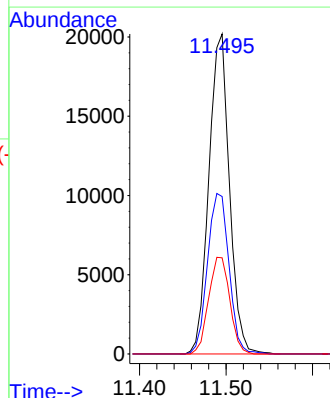
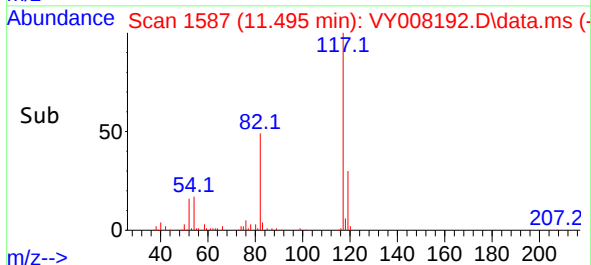
Tgt Ion: 95 Resp: 5526
Ion Ratio Lower Upper
95 100
174 86.5 0.0 177.0
176 97.7 0.0 175.8

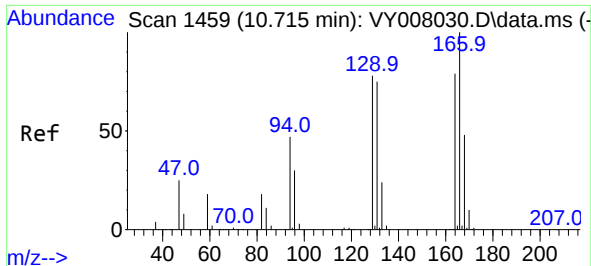


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY008192.D
Acq: 04 Apr 2022 19:46



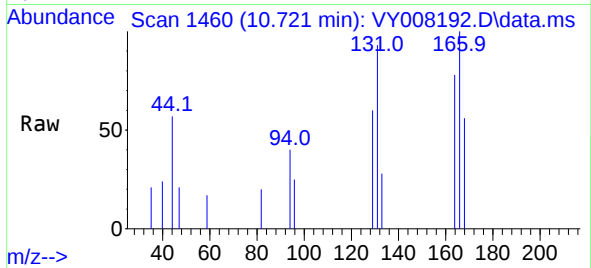
Tgt Ion: 117 Resp: 33293
Ion Ratio Lower Upper
117 100
82 49.2 43.0 64.4
119 30.0 25.4 38.0



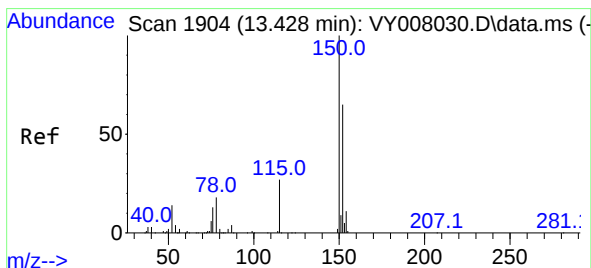
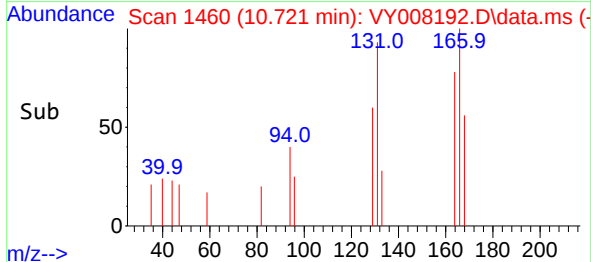
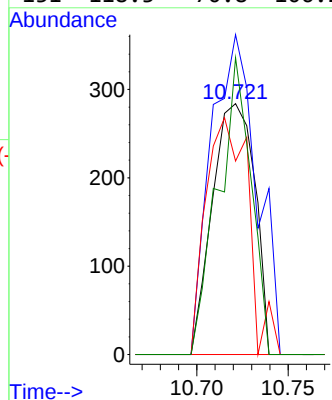


#64
Tetrachloroethene
Concen: 1.791 ug/l
RT: 10.721 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VY008192.D
Acq: 04 Apr 2022 19:46

Instrument :
MSVOA_Y
ClientSampleId :

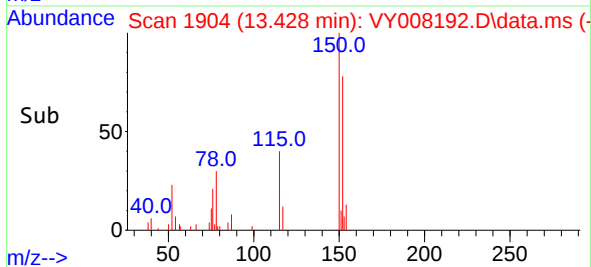
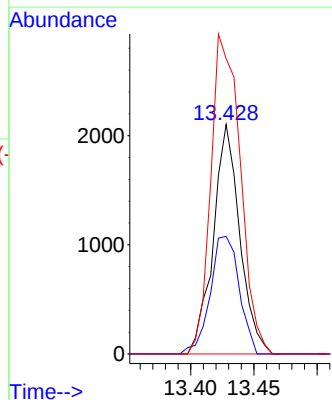
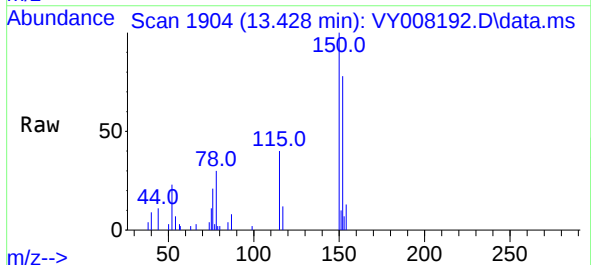


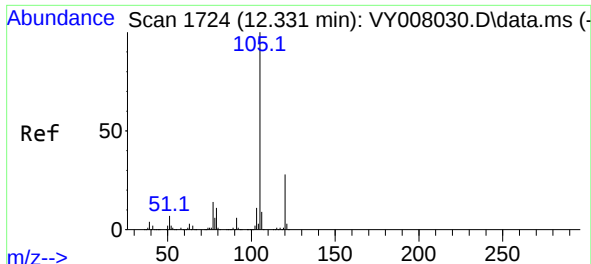
Tgt Ion:164 Resp: 458
Ion Ratio Lower Upper
164 100
166 127.5 100.4 150.6
129 77.1 71.4 107.0
131 118.3 70.8 106.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008192.D
Acq: 04 Apr 2022 19:46

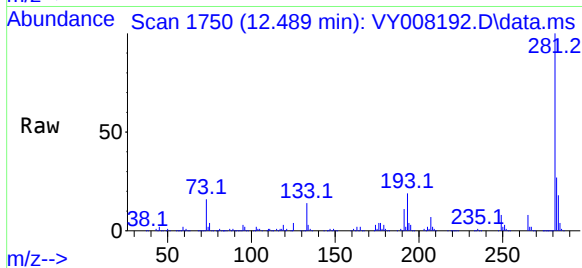
Tgt Ion:152 Resp: 3067
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 154.7 0.0 347.6



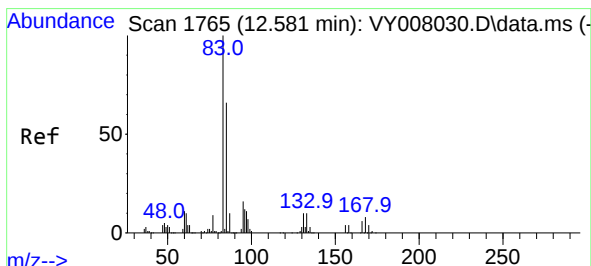
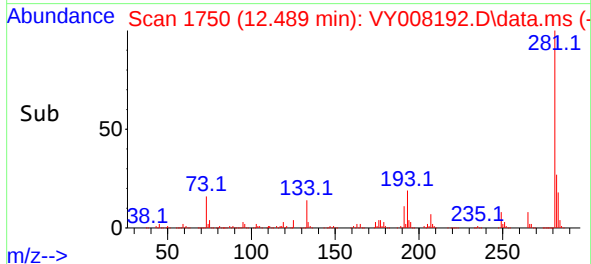
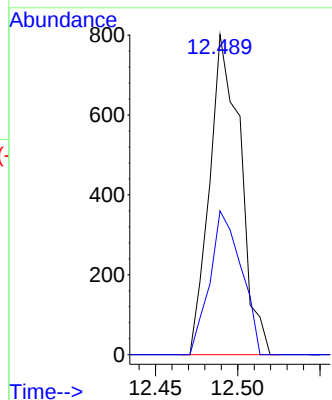


#73
Isopropylbenzene
Concen: 4.132 ug/l
RT: 12.489 min Scan# 1719
Delta R.T. 0.158 min
Lab File: VY008192.D
Acq: 04 Apr 2022 19:46

Instrument :
MSVOA_Y
ClientSampleId :

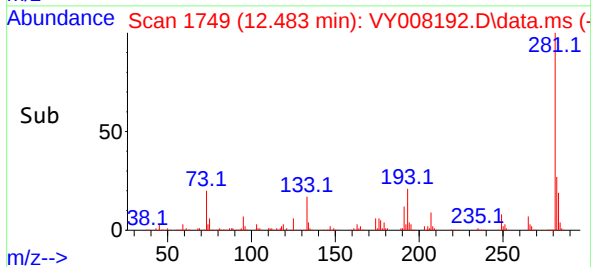
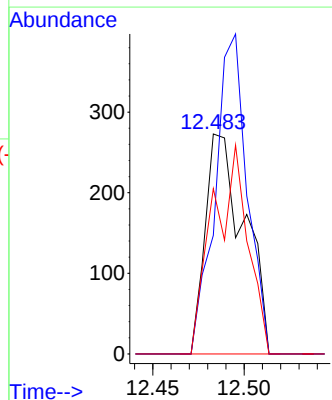
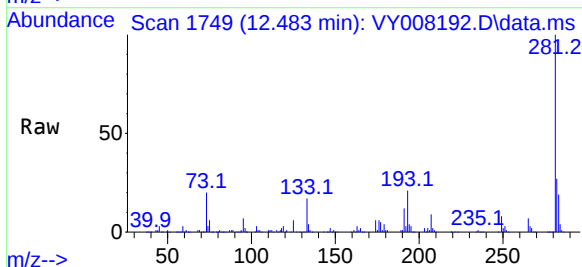


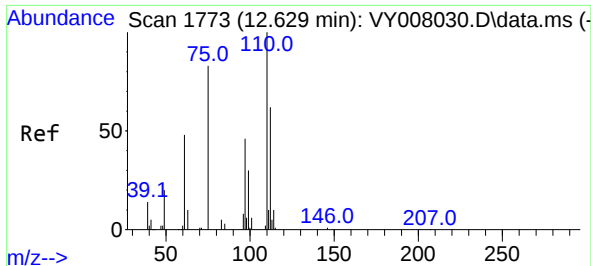
Tgt Ion:105 Resp: 1046
Ion Ratio Lower Upper
105 100
120 45.9 13.4 40.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 8.231 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.098 min
Lab File: VY008192.D
Acq: 04 Apr 2022 19:46

Tgt Ion: 83 Resp: 405
Ion Ratio Lower Upper
83 100
131 119.5 5.6 16.8#
85 84.4 32.3 96.8

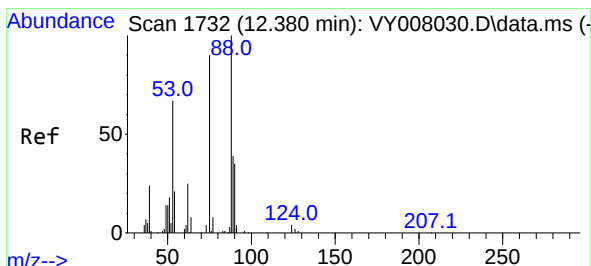
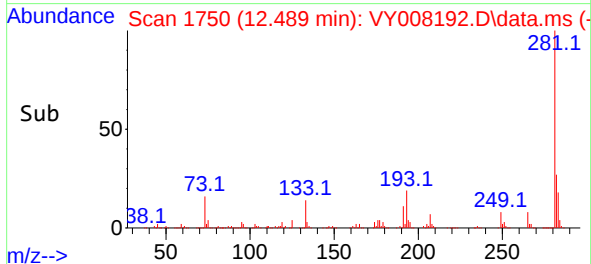
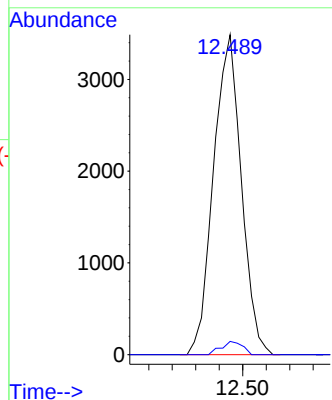
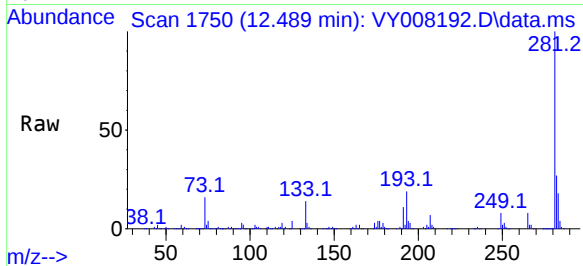




#76
1,2,3-Trichloropropane
Concen: 153.369 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.140 min
Lab File: VY008192.D
Acq: 04 Apr 2022 19:46

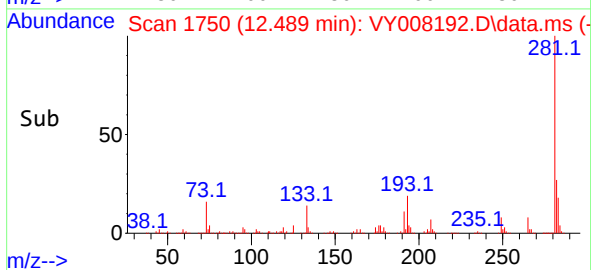
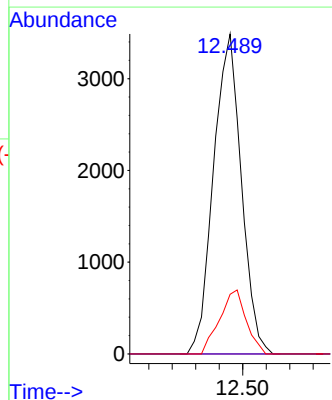
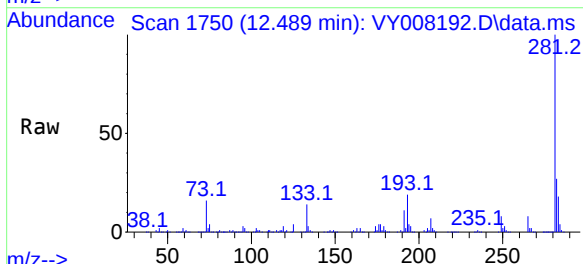
Instrument :
MSVOA_Y
ClientSampleId :

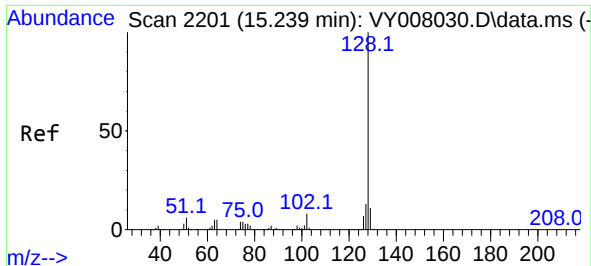
Tgt Ion: 75 Resp: 5734
Ion Ratio Lower Upper
75 100
77 3.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 342.191 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.109 min
Lab File: VY008192.D
Acq: 04 Apr 2022 19:46

Tgt Ion: 75 Resp: 5734
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 19.1 37.0 55.4#





#95

Naphthalene

Concen: 2.273 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

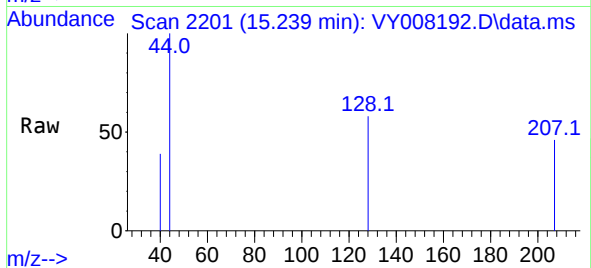
Lab File: VY008192.D

Acq: 04 Apr 2022 19:46

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 305

Ion Ratio Lower Upper

128 100

127 0.0 11.0 16.4#

129 0.0 8.4 12.6#

