

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
 Data File : VY008190.D
 Acq On : 04 Apr 2022 19:00
 Operator : SY/MD
 Sample : N2237-01
 Misc : 4.19g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 05 04:43:24 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)

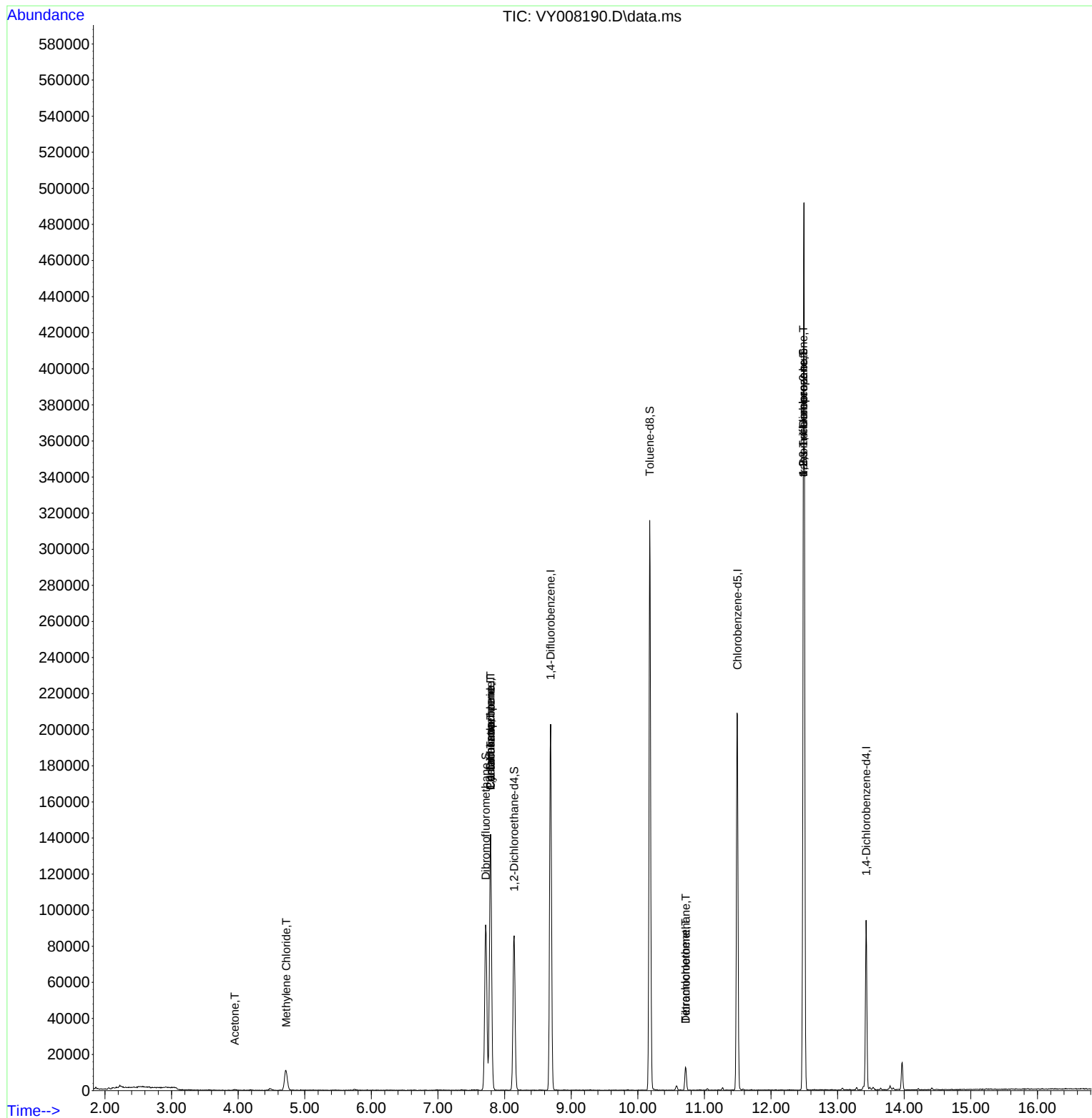
Internal Standards						
1) Pentafluorobenzene	7.789	168	109158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	183430	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	123302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	23703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	64629	59.012	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.020%
35) Dibromofluoromethane	7.715	113	65902	57.303	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.600%
50) Toluene-d8	10.178	98	208950	48.225	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.440%
62) 4-Bromofluorobenzene	12.483	95	36455	23.848	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	47.700%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	672	2.684	ug/l	89
18) Methyl Acetate	4.478	43	1800	Below Cal	#	91
20) Methylene Chloride	4.722	84	8963	2.577	ug/l #	76
31) Cyclohexane	7.789	56	2183	1.066	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8575	4.747	ug/l #	51
38) Carbon Tetrachloride	7.789	117	10725	5.448	ug/l #	15
60) Dibromochloromethane	10.721	129	1897	1.411	ug/l #	11
64) Tetrachloroethene	10.715	164	2399	2.533	ug/l	96
76) 1,2,3-Trichloropropane	12.483	75	22046	76.299	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	22046	170.236	ug/l #	10

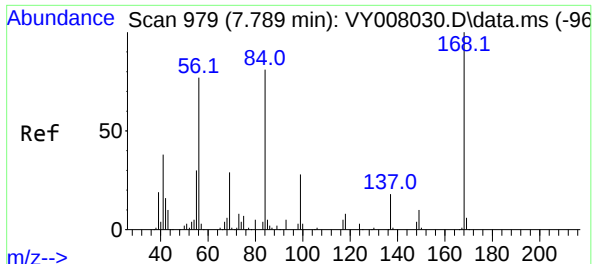
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
Response via : Initial Calibration

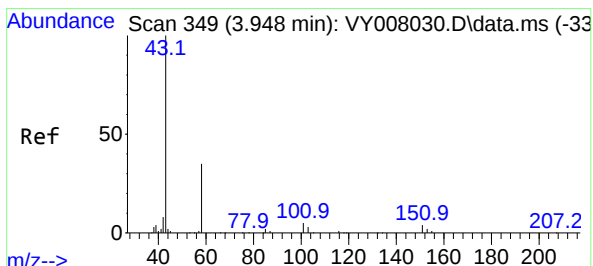
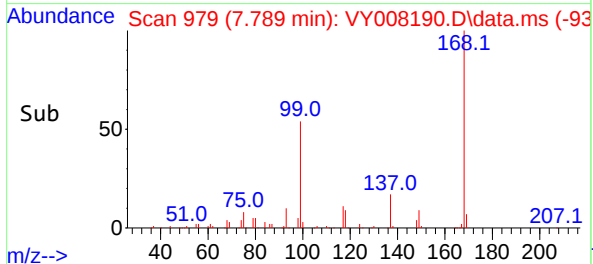
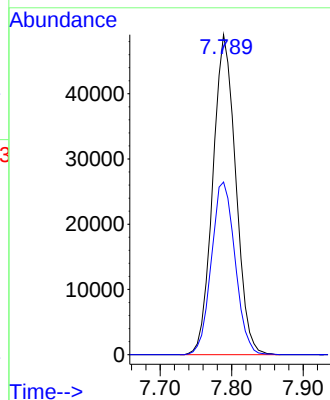
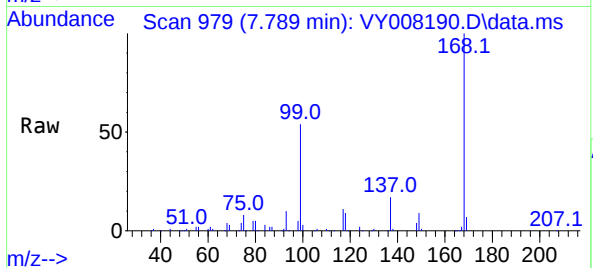




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008190.D
Acq: 04 Apr 2022 19:00

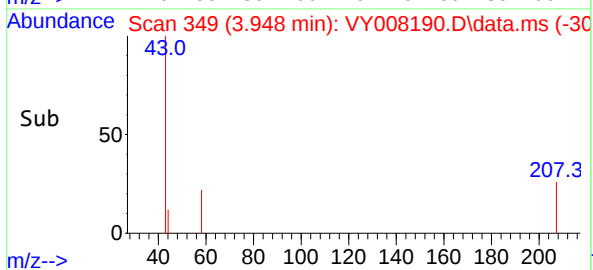
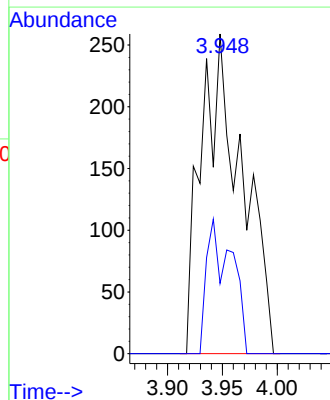
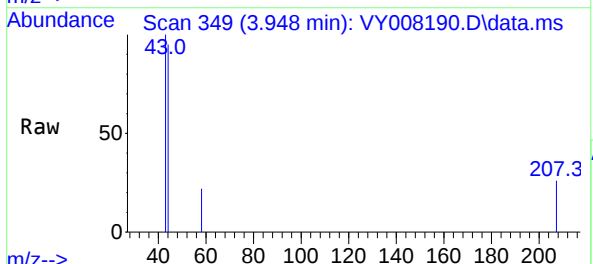
Instrument :
MSVOA_Y
ClientSampleId :

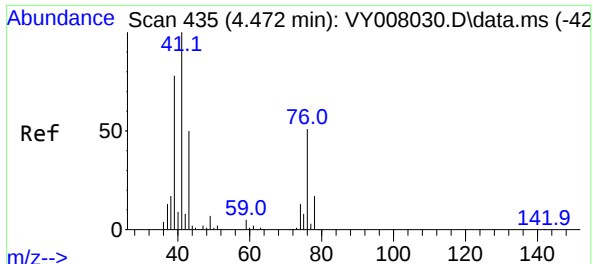
Tgt Ion:168 Resp: 109158
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#16
Acetone
Concen: 2.684 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY008190.D
Acq: 04 Apr 2022 19:00

Tgt Ion: 43 Resp: 672
Ion Ratio Lower Upper
43 100
58 22.0 22.0 33.0

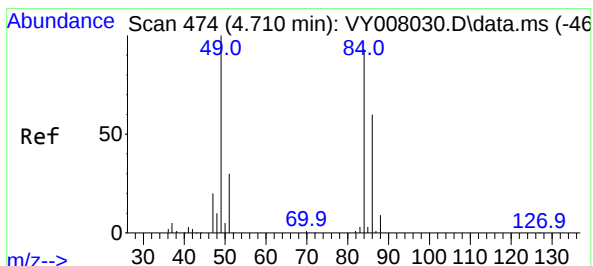
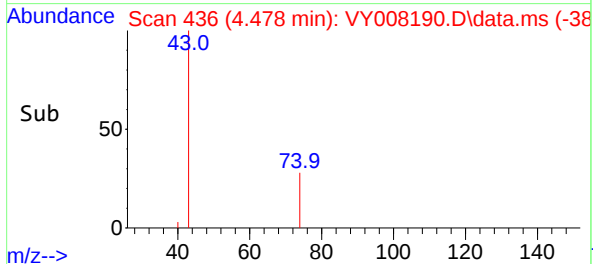
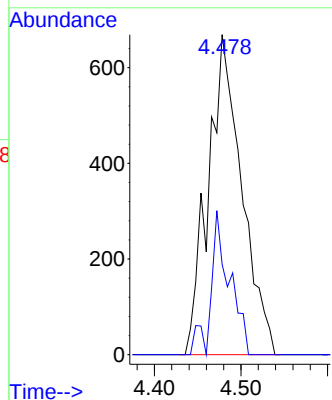
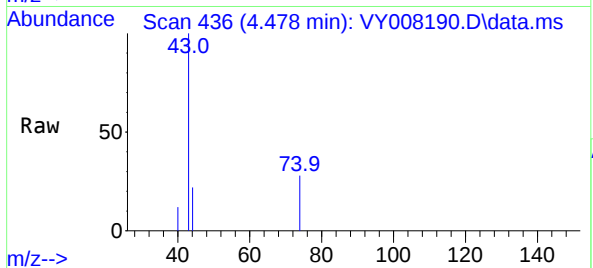




#18
Methyl Acetate
Concen: Below Cal
RT: 4.478 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008190.D
Acq: 04 Apr 2022 19:00

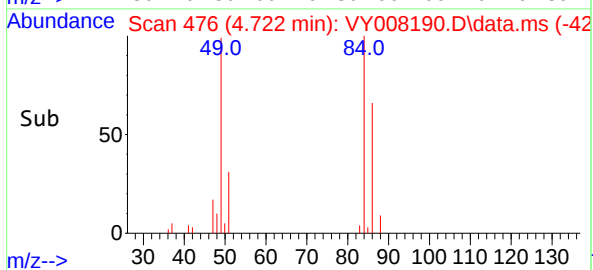
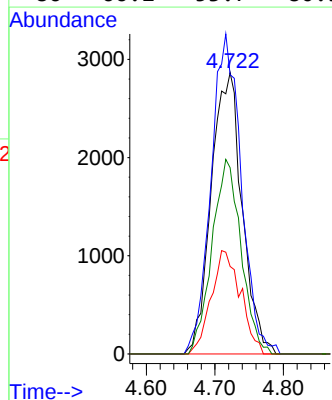
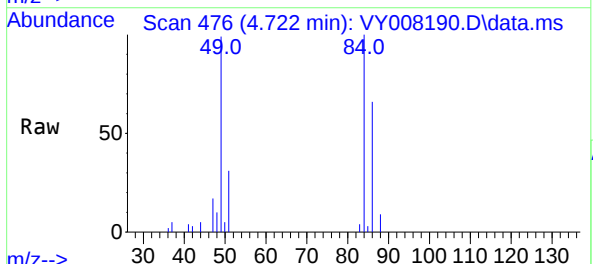
Instrument :
MSVOA_Y
ClientSampleId :

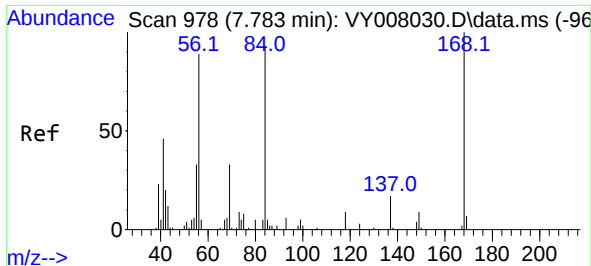
Tgt Ion: 43 Resp: 1800
Ion Ratio Lower Upper
43 100
74 25.1 16.6 24.8#



#20
Methylene Chloride
Concen: 2.577 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY008190.D
Acq: 04 Apr 2022 19:00

Tgt Ion: 84 Resp: 8963
Ion Ratio Lower Upper
84 100
49 99.3 114.4 171.6#
51 31.1 35.3 52.9#
86 66.2 53.7 80.5

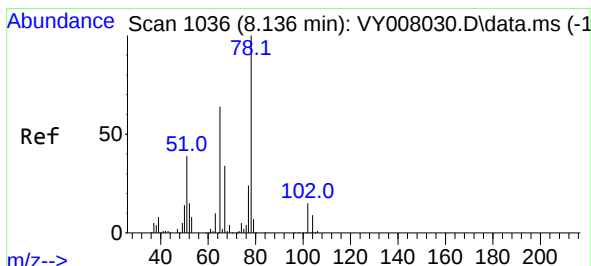
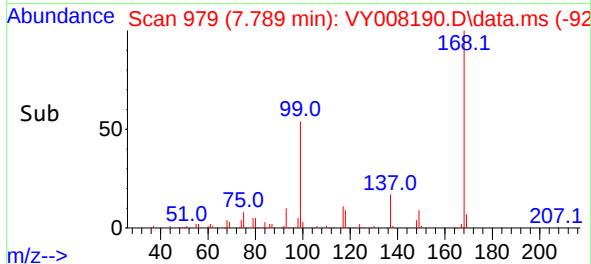
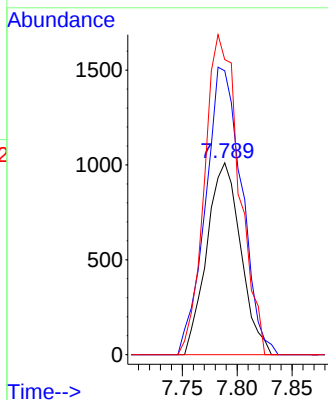
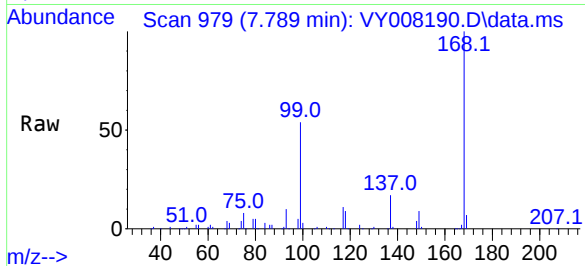




#31
Cyclohexane
Concen: 1.066 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008190.D
Acq: 04 Apr 2022 19:00

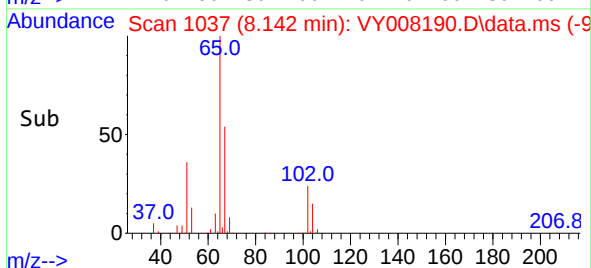
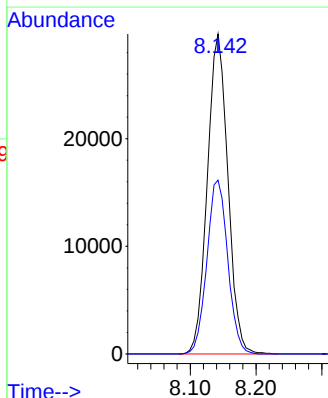
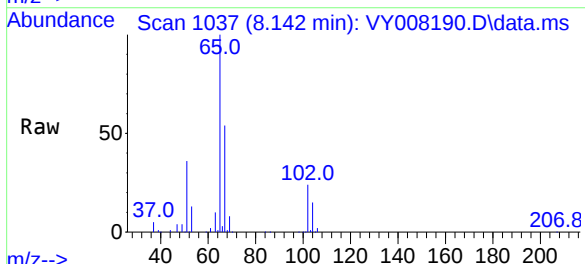
Instrument :
MSVOA_Y
ClientSampleId :

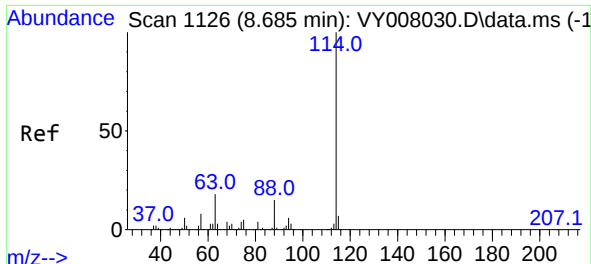
Tgt Ion: 56 Resp: 2183
Ion Ratio Lower Upper
56 100
69 148.0 26.7 40.1#
84 153.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 59.012 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008190.D
Acq: 04 Apr 2022 19:00

Tgt Ion: 65 Resp: 64629
Ion Ratio Lower Upper
65 100
67 55.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008190.D

Acq: 04 Apr 2022 19:00

Instrument :

MSVOA_Y

ClientSampleId :

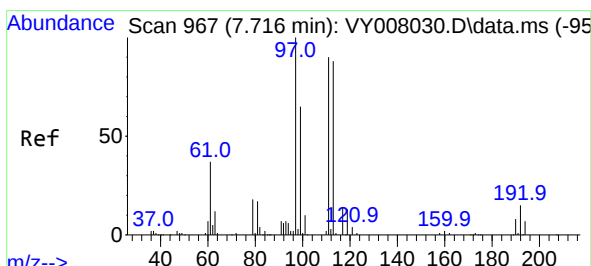
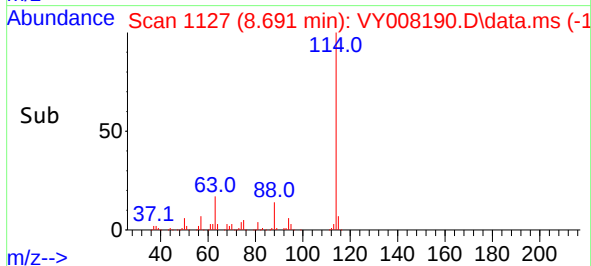
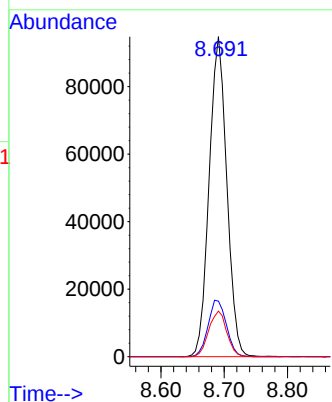
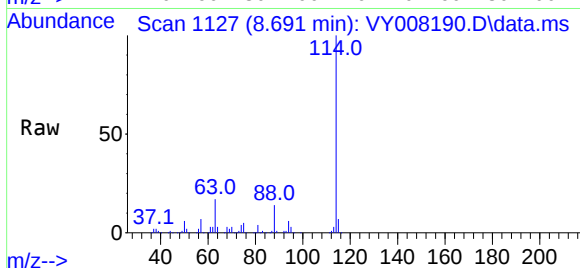
Tgt Ion:114 Resp: 183430

Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 57.303 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY008190.D

Acq: 04 Apr 2022 19:00

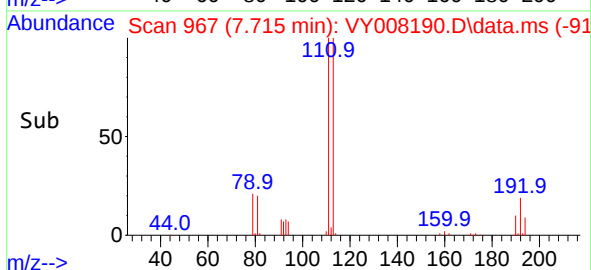
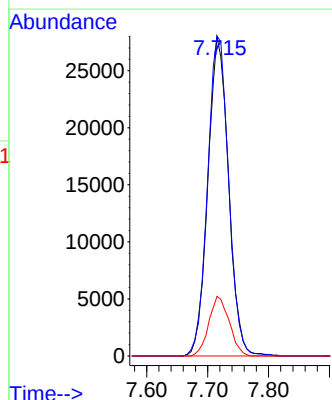
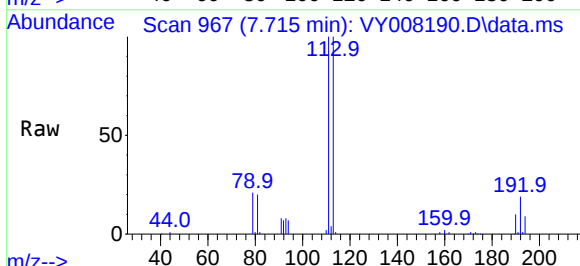
Tgt Ion:113 Resp: 65902

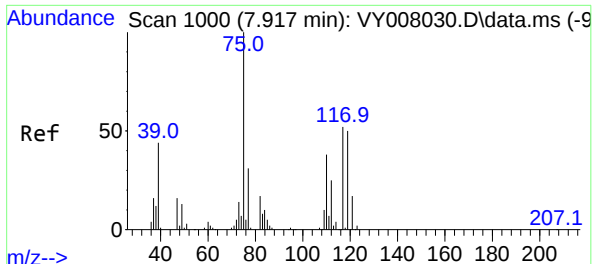
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 18.4 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.747 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

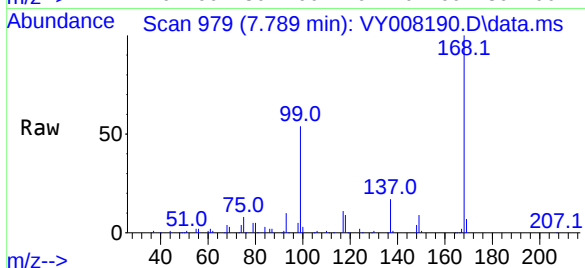
Lab File: VY008190.D

Acq: 04 Apr 2022 19:00

Instrument :

MSVOA_Y

ClientSampleId :



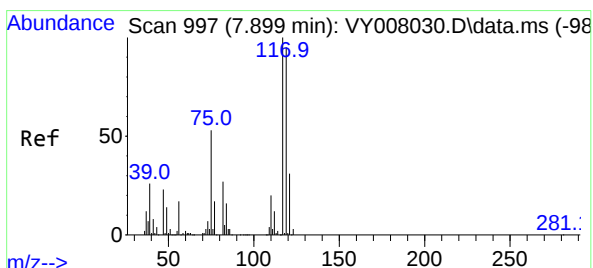
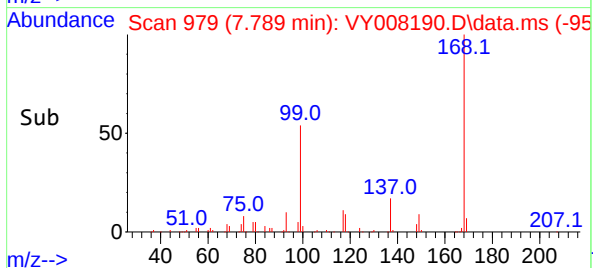
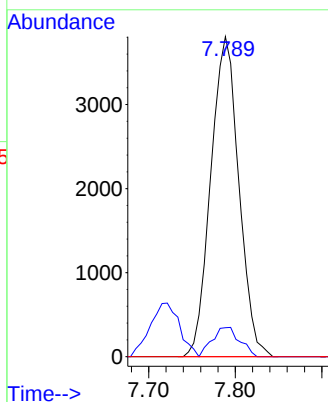
Tgt Ion: 75 Resp: 8575

Ion Ratio Lower Upper

75 100

110 9.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.448 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008190.D

Acq: 04 Apr 2022 19:00

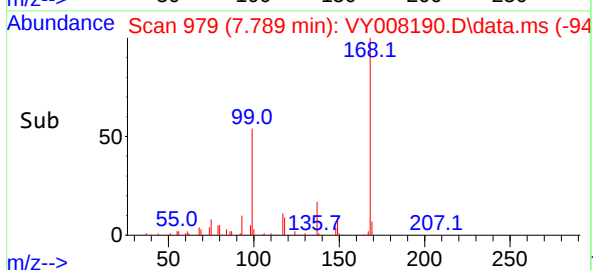
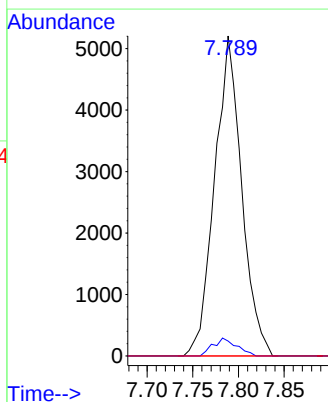
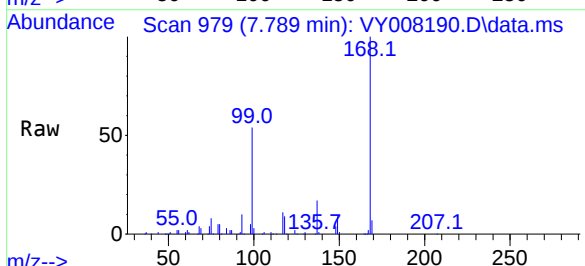
Tgt Ion: 117 Resp: 10725

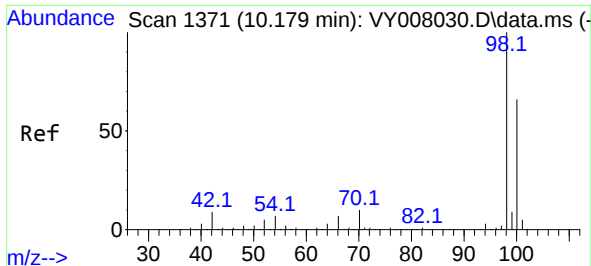
Ion Ratio Lower Upper

117 100

119 4.7 77.9 116.9#

121 0.0 24.8 37.2#

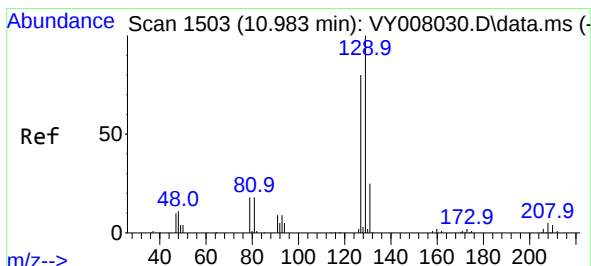
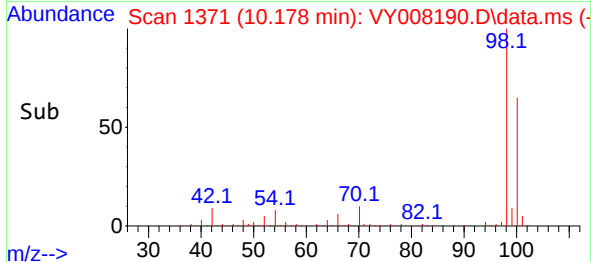
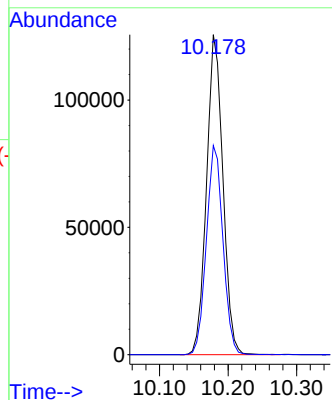
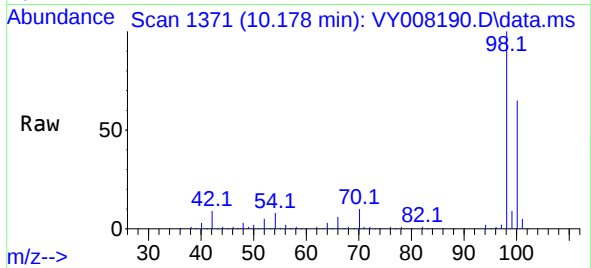




#50
Toluene-d8
Concen: 48.225 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008190.D
Acq: 04 Apr 2022 19:00

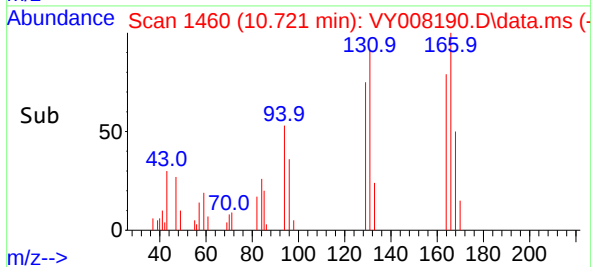
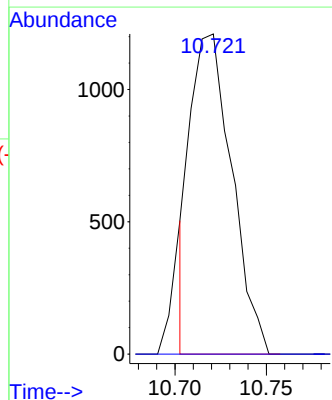
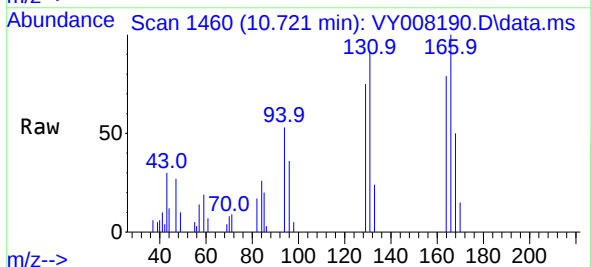
Instrument :
MSVOA_Y
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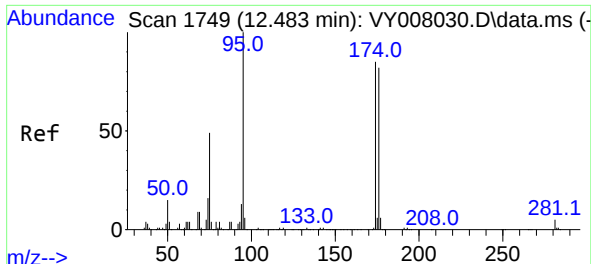
Tgt Ion: 98 Resp: 208950
Ion Ratio Lower Upper
98 100
100 66.3 50.2 75.2



#60
Dibromochloromethane
Concen: 1.411 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.262 min
Lab File: VY008190.D
Acq: 04 Apr 2022 19:00

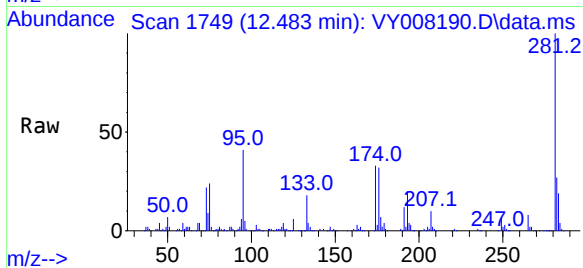
Tgt Ion:129 Resp: 1897
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#



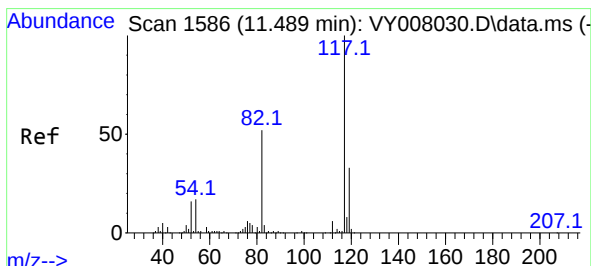
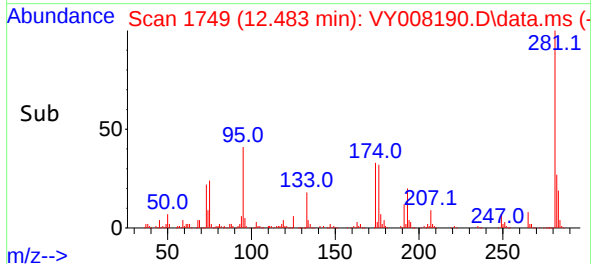
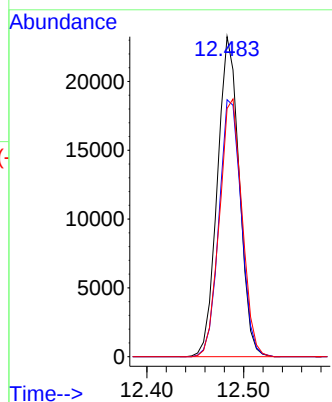


#62
4-Bromofluorobenzene
Concen: 23.848 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008190.D
Acq: 04 Apr 2022 19:00

Instrument :
MSVOA_Y
ClientSampleId :

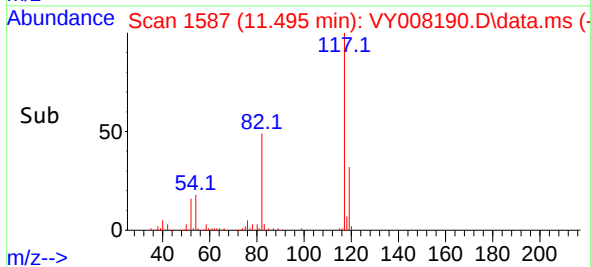
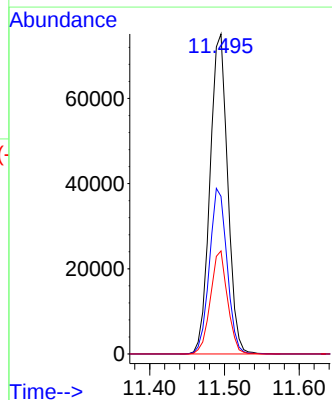
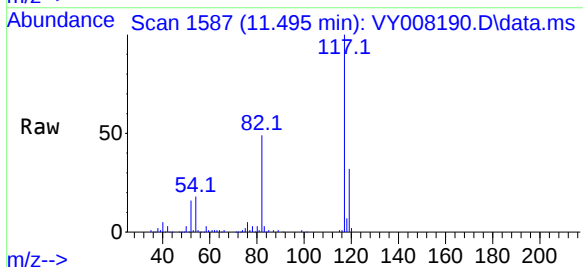


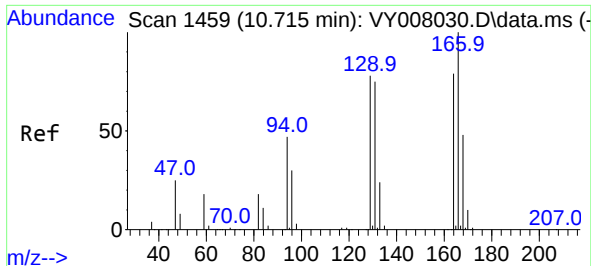
Tgt Ion: 95 Resp: 36455
Ion Ratio Lower Upper
95 100
174 81.4 0.0 177.0
176 83.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY008190.D
Acq: 04 Apr 2022 19:00

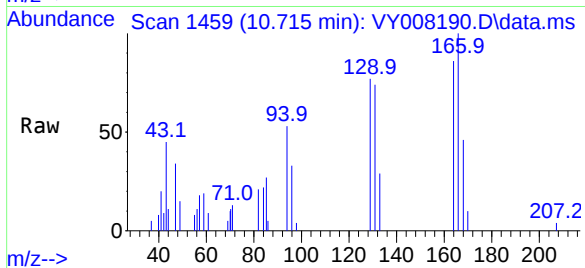
Tgt Ion: 117 Resp: 123302
Ion Ratio Lower Upper
117 100
82 49.2 43.0 64.4
119 32.2 25.4 38.0



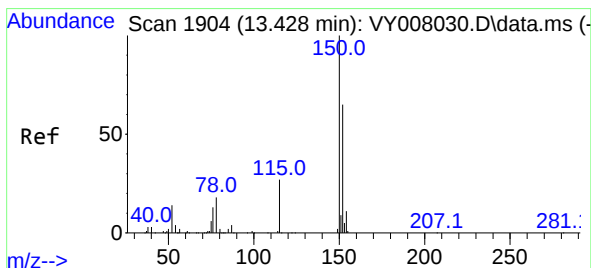
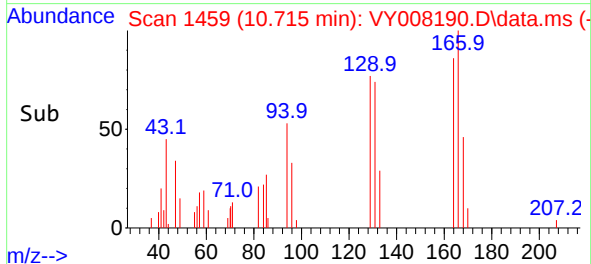
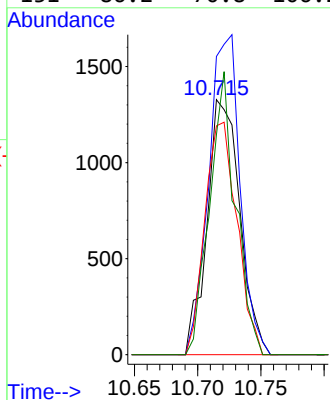


#64
Tetrachloroethene
Concen: 2.533 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY008190.D
Acq: 04 Apr 2022 19:00

Instrument :
MSVOA_Y
ClientSampleId :

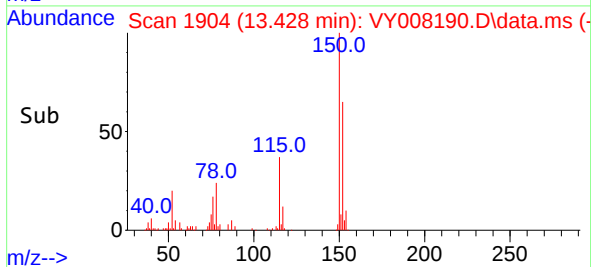
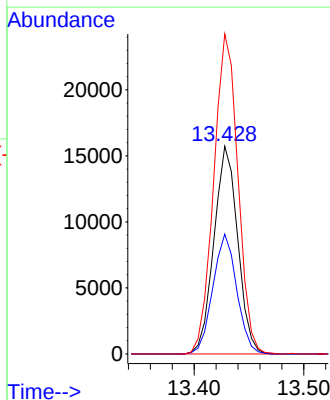
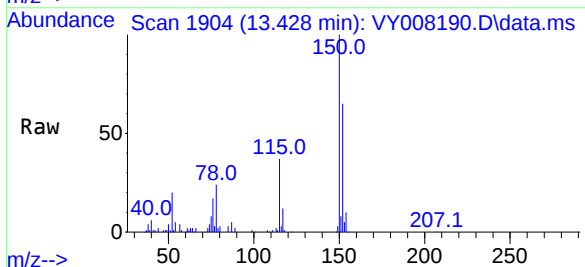


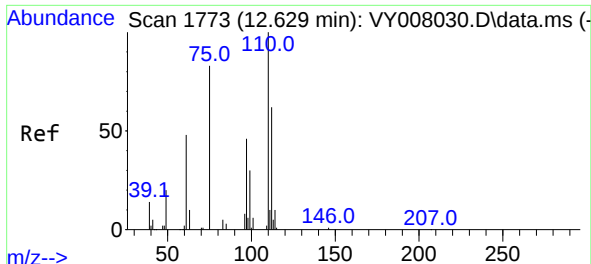
Tgt Ion:164 Resp: 2399
Ion Ratio Lower Upper
164 100
166 116.9 100.4 150.6
129 89.7 71.4 107.0
131 86.2 70.8 106.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008190.D
Acq: 04 Apr 2022 19:00

Tgt Ion:152 Resp: 23703
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 156.9 0.0 347.6

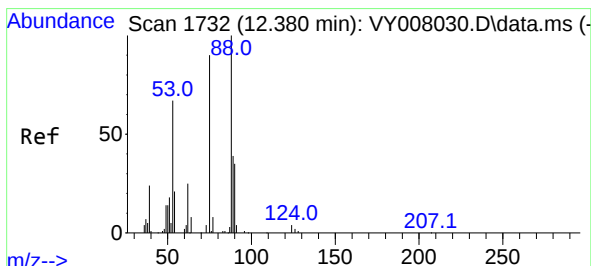
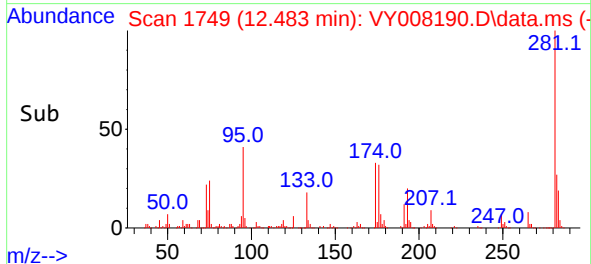
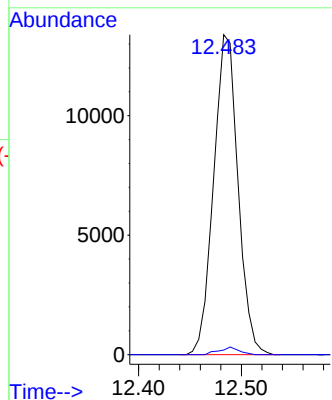
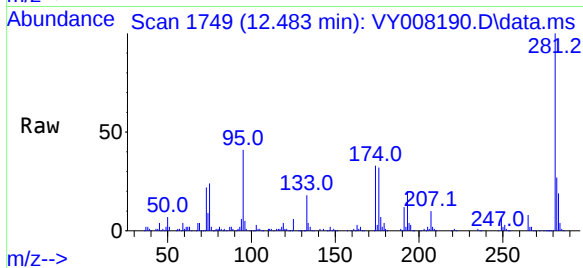




#76
1,2,3-Trichloropropane
Concen: 76.299 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008190.D
Acq: 04 Apr 2022 19:00

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 22046
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 170.236 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008190.D
Acq: 04 Apr 2022 19:00

Tgt Ion: 75 Resp: 22046
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 5.4 37.0 55.4#

