

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
 Data File : VY008166.D
 Acq On : 01 Apr 2022 17:14
 Operator : SY/MD
 Sample : N2220-09
 Misc : 7.28g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A02145

Quant Time: Apr 02 03:58:24 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)

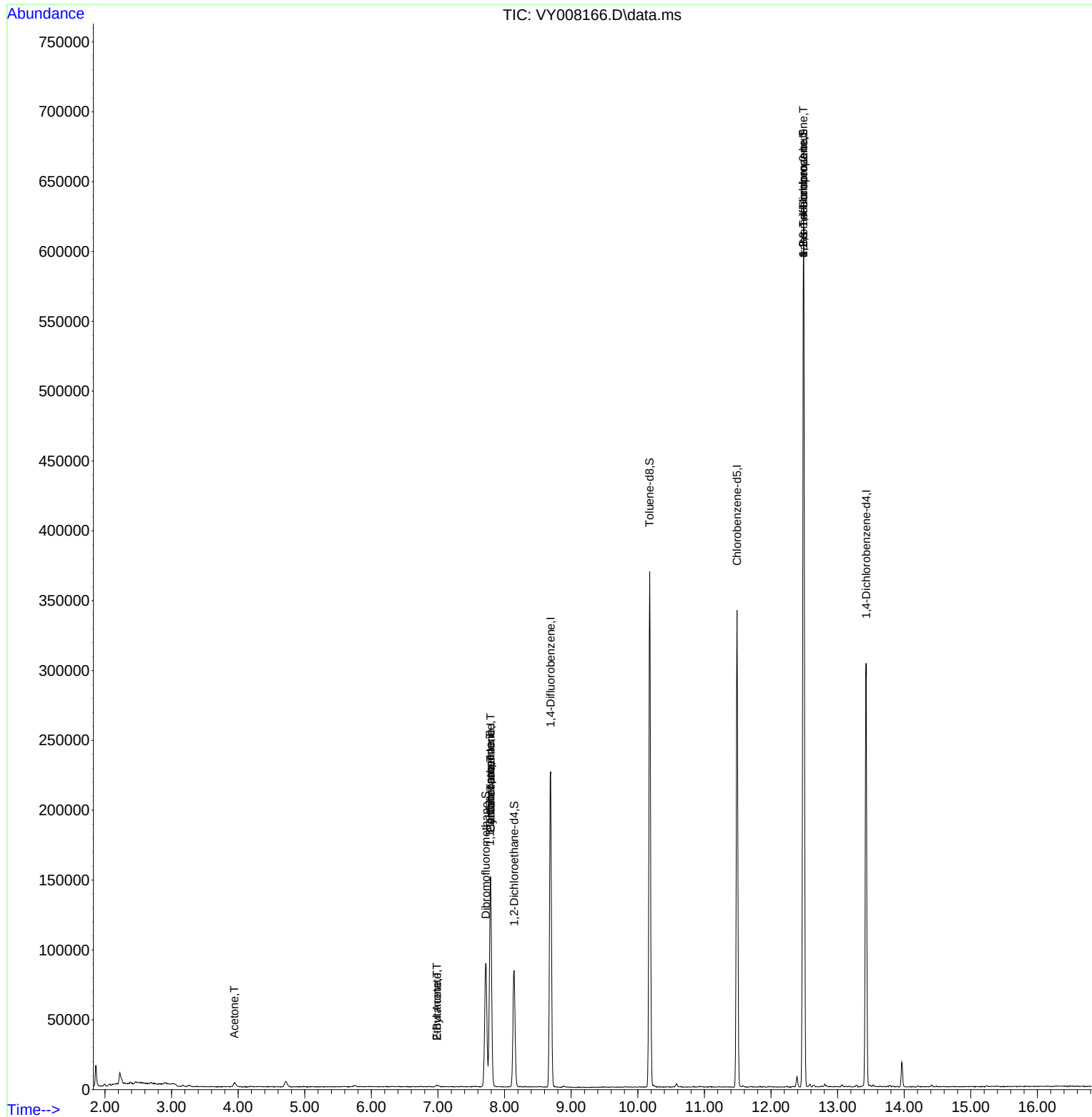
Internal Standards						
1) Pentafluorobenzene	7.789	168	115581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	204652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	186389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	64009	55.198	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.400%	
35) Dibromofluoromethane	7.716	113	63681	49.630	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.260%	
50) Toluene-d8	10.179	98	244936	50.668	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.340%	
62) 4-Bromofluorobenzene	12.483	95	82858	48.583	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.160%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	5268	19.875	ug/l	95
18) Methyl Acetate	4.485	43	364	Below Cal	#	56
20) Methylene Chloride	4.710	84	3138	Below Cal	#	67
25) 2-Butanone	6.984	43	1706	4.230	ug/l #	87
31) Cyclohexane	7.789	56	2311	1.066	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	8792	4.362	ug/l #	51
37) Ethyl Acetate	6.984	43	1706	1.812	ug/l #	72
38) Carbon Tetrachloride	7.789	117	11777	5.362	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	45404	48.447	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45404	108.092	ug/l #	9

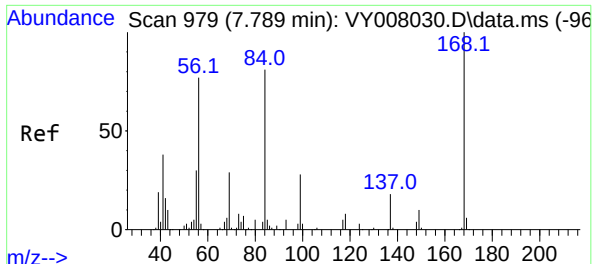
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 02 03:58:24 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

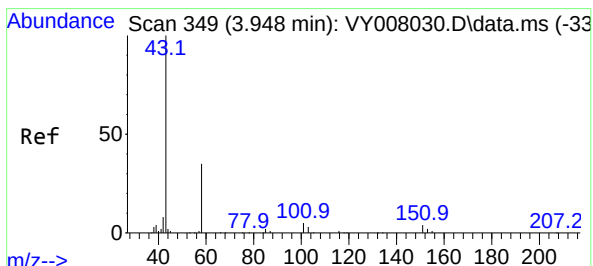
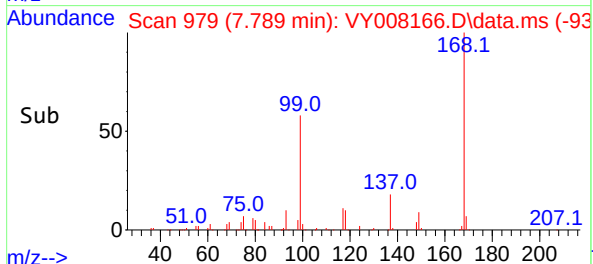
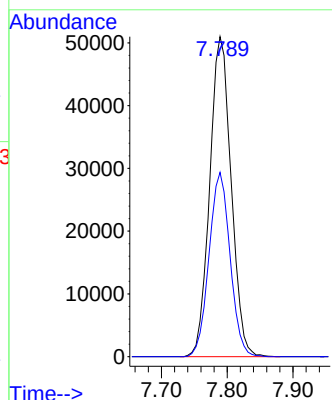
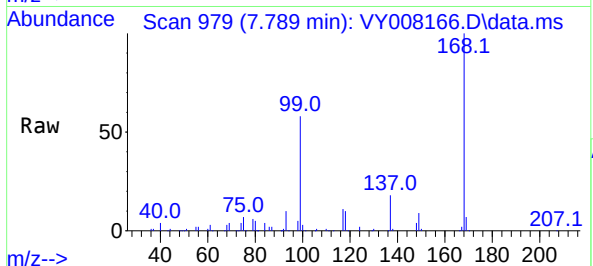




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008166.D
Acq: 01 Apr 2022 17:14

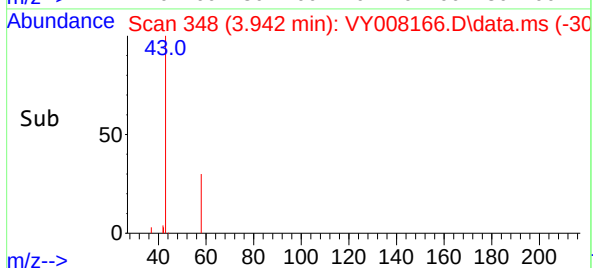
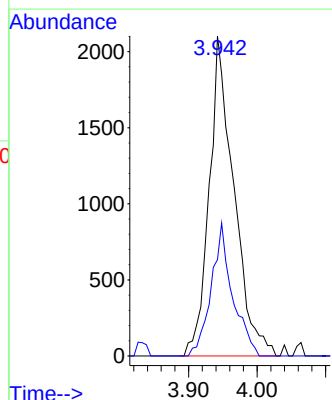
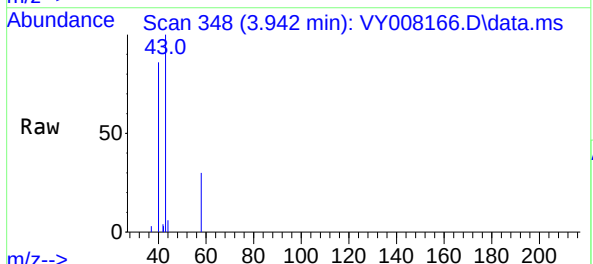
Instrument :
MSVOA_Y
ClientSampleId :
A02145

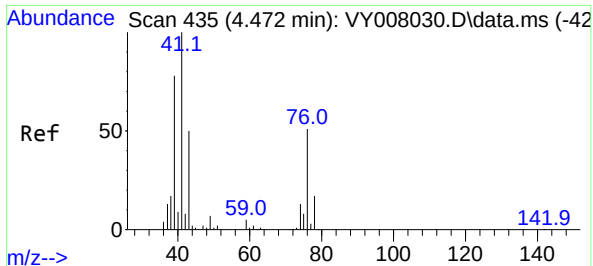
Tgt Ion:168 Resp: 115581
Ion Ratio Lower Upper
168 100
99 57.6 46.9 70.3



#16
Acetone
Concen: 19.875 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008166.D
Acq: 01 Apr 2022 17:14

Tgt Ion: 43 Resp: 5268
Ion Ratio Lower Upper
43 100
58 30.1 22.0 33.0





#18

Methyl Acetate

Concen: Below Cal

RT: 4.485 min Scan# 41

Delta R.T. 0.013 min

Lab File: VY008166.D

Acq: 01 Apr 2022 17:14

Instrument :

MSVOA_Y

ClientSampleId :

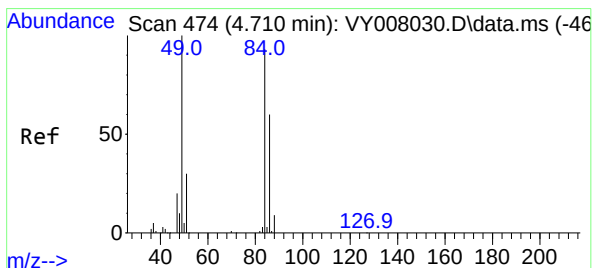
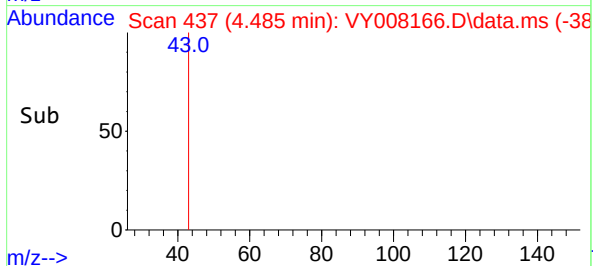
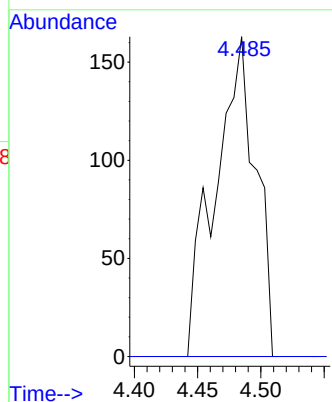
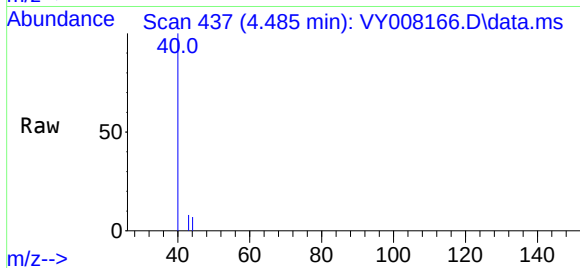
A02145

Tgt Ion: 43 Resp: 364

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY008166.D

Acq: 01 Apr 2022 17:14

Tgt Ion: 84 Resp: 3138

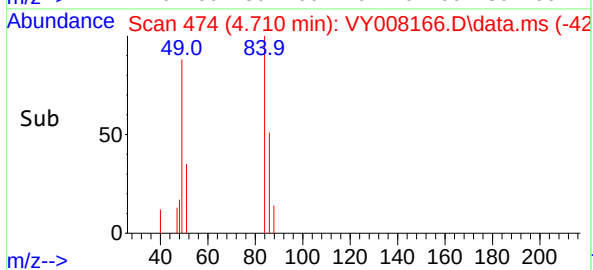
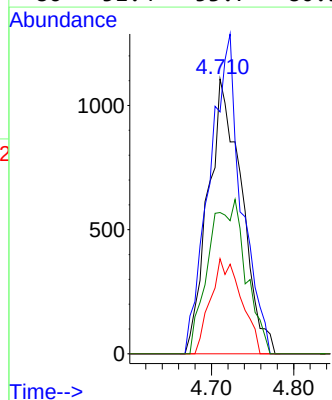
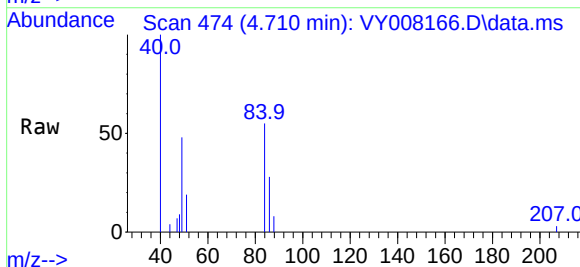
Ion Ratio Lower Upper

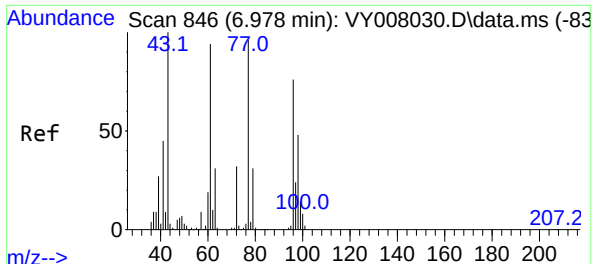
84 100

49 88.0 114.4 171.6#

51 34.6 35.3 52.9#

86 51.4 53.7 80.5#

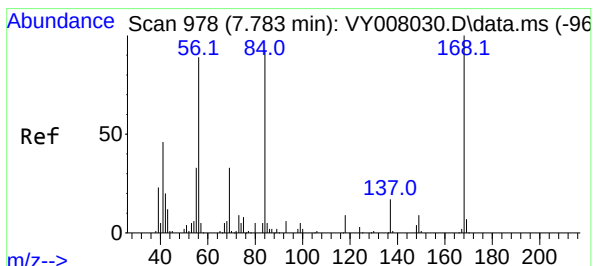
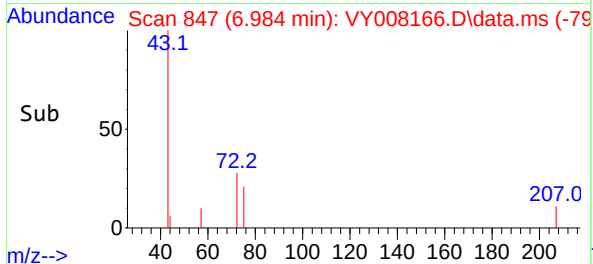
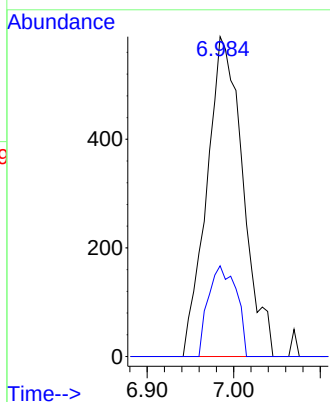
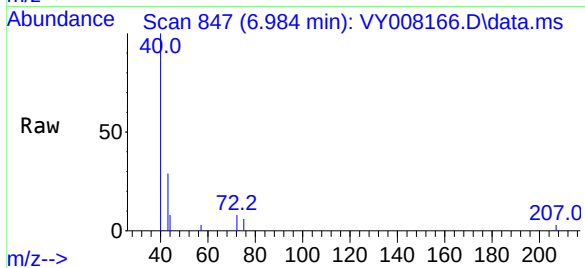




#25
2-Butanone
Concen: 4.230 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY008166.D
Acq: 01 Apr 2022 17:14

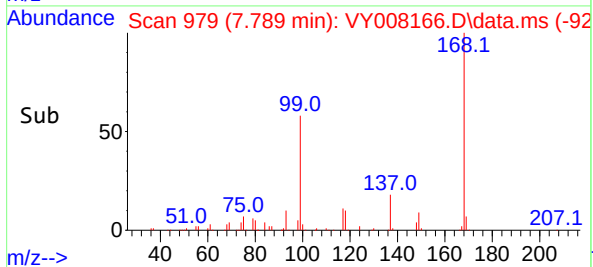
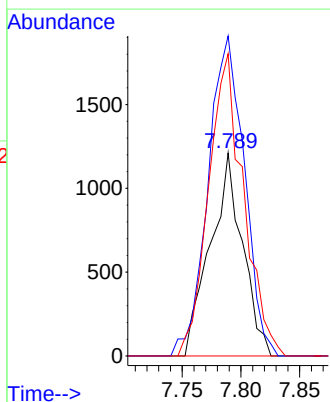
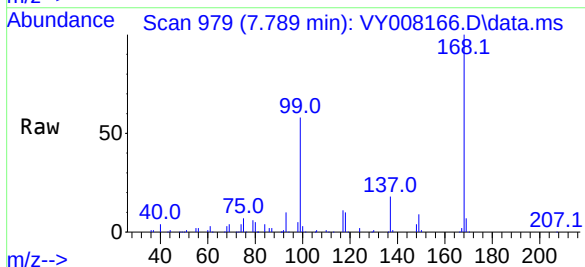
Instrument :
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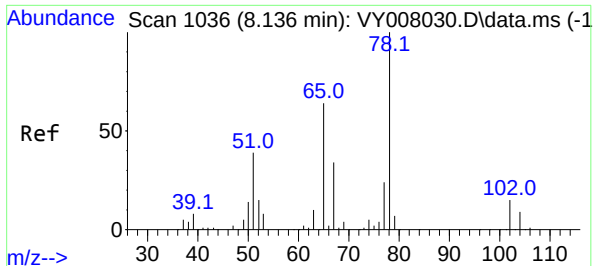
Tgt Ion: 43 Resp: 1706
Ion Ratio Lower Upper
43 100
72 28.4 17.7 26.5#



#31
Cyclohexane
Concen: 1.066 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY008166.D
Acq: 01 Apr 2022 17:14

Tgt Ion: 56 Resp: 2311
Ion Ratio Lower Upper
56 100
69 157.6 26.7 40.1#
84 148.9 67.2 100.8#

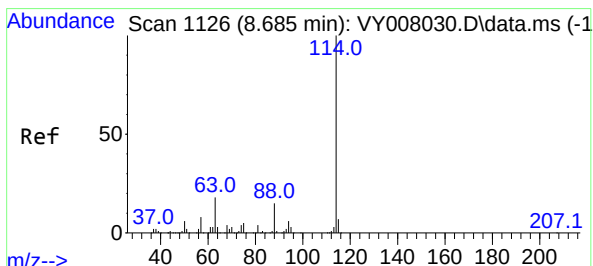
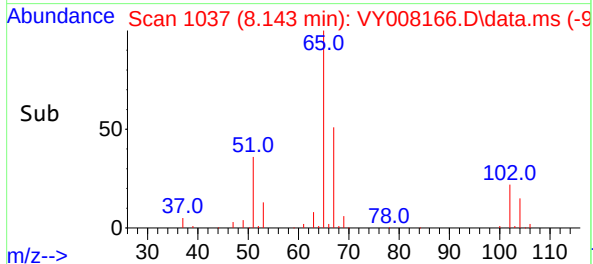
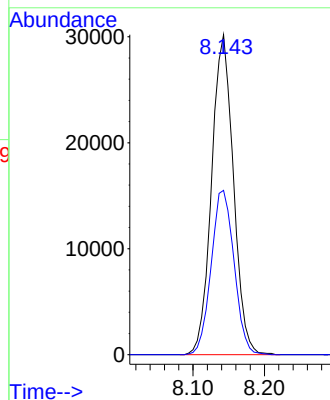
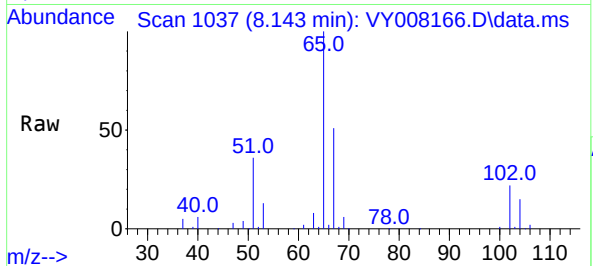




#33
1,2-Dichloroethane-d4
Concen: 55.198 ug/l
RT: 8.143 min Scan# 1036
Delta R.T. 0.007 min
Lab File: VY008166.D
Acq: 01 Apr 2022 17:14

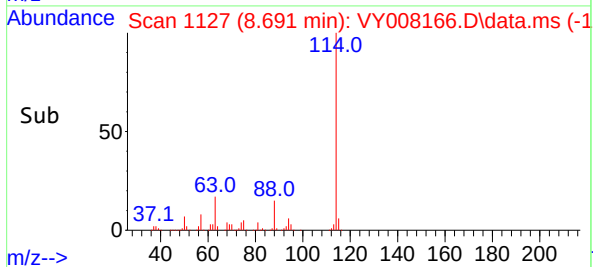
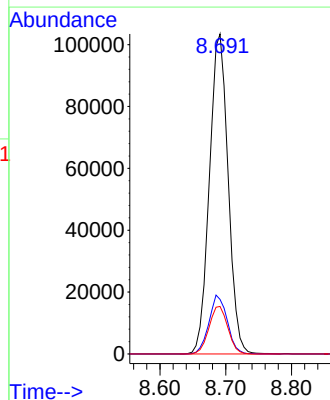
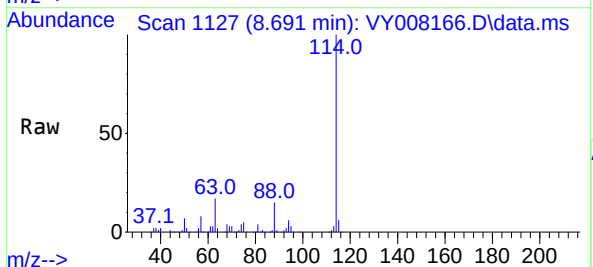
Instrument :
MSVOA_Y
ClientSampleId :
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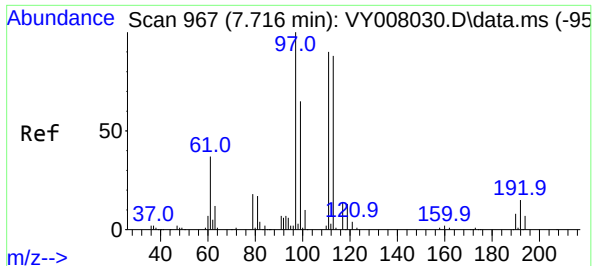
Tgt Ion: 65 Resp: 64009
Ion Ratio Lower Upper
65 100
67 53.9 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY008166.D
Acq: 01 Apr 2022 17:14

Tgt Ion: 114 Resp: 204652
Ion Ratio Lower Upper
114 100
63 17.1 0.0 43.2
88 14.8 0.0 31.8

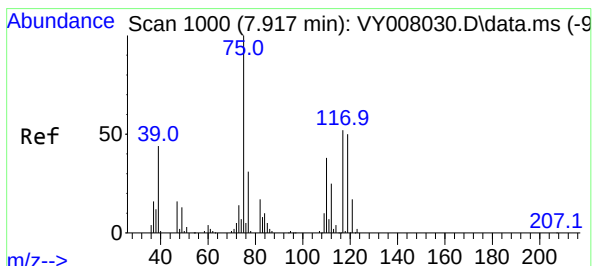
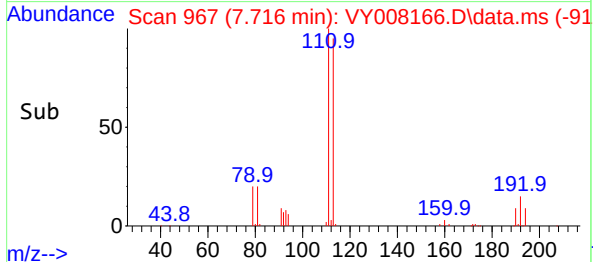
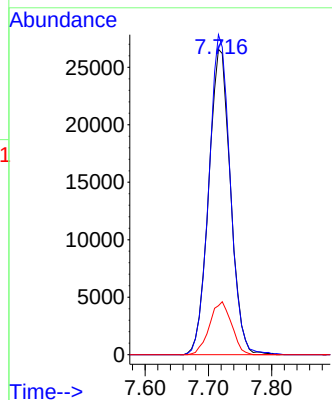
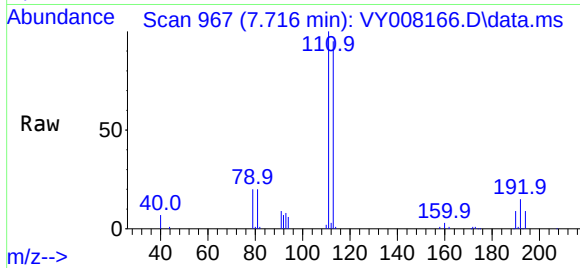




#35
Dibromofluoromethane
Concen: 49.630 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY008166.D
Acq: 01 Apr 2022 17:14

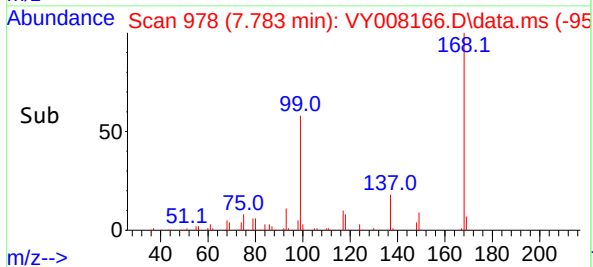
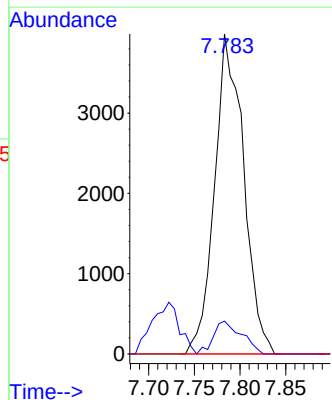
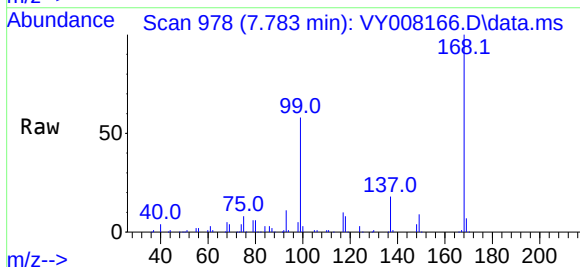
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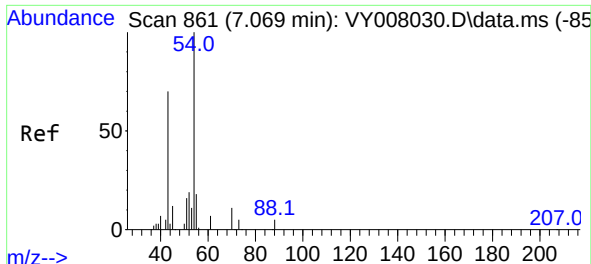
Tgt Ion:113 Resp: 63681
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 17.5 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 4.362 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008166.D
Acq: 01 Apr 2022 17:14

Tgt Ion: 75 Resp: 8792
Ion Ratio Lower Upper
75 100
110 9.9 17.1 51.2#
77 0.0 24.4 36.6#

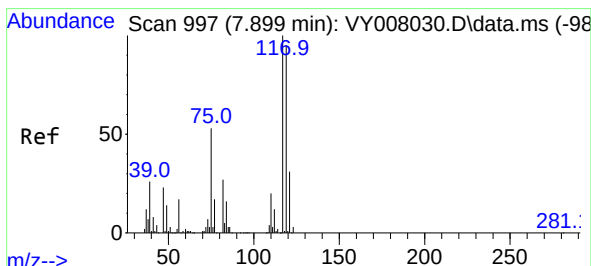
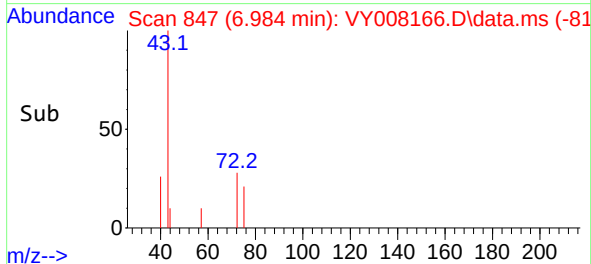
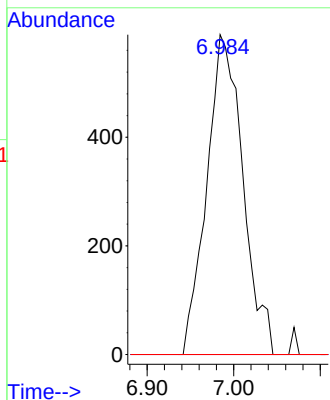
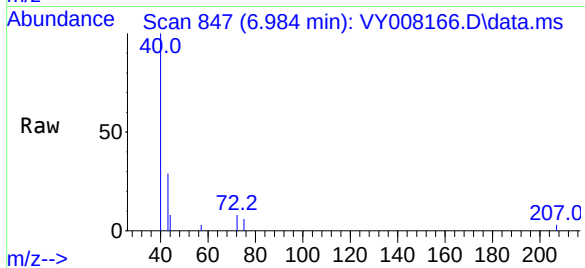




#37
Ethyl Acetate
Concen: 1.812 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.085 min
Lab File: VY008166.D
Acq: 01 Apr 2022 17:14

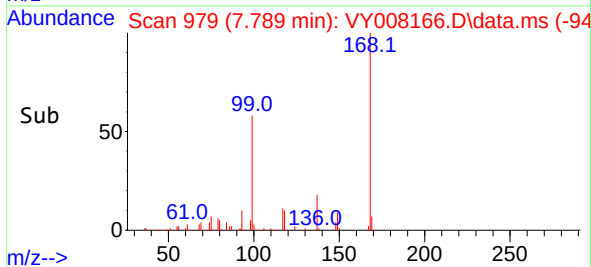
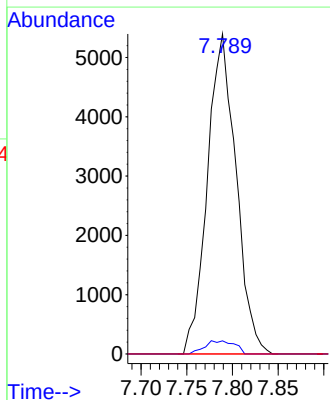
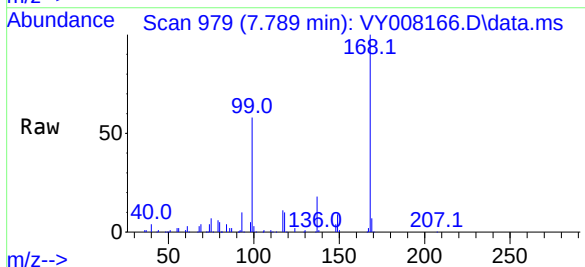
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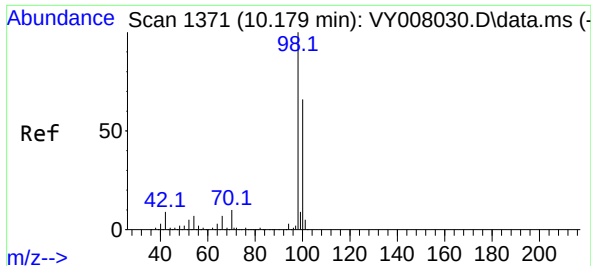
Tgt Ion: 43 Resp: 1706
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.362 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY008166.D
Acq: 01 Apr 2022 17:14

Tgt Ion: 117 Resp: 11777
Ion Ratio Lower Upper
117 100
119 4.1 77.9 116.9#
121 0.0 24.8 37.2#

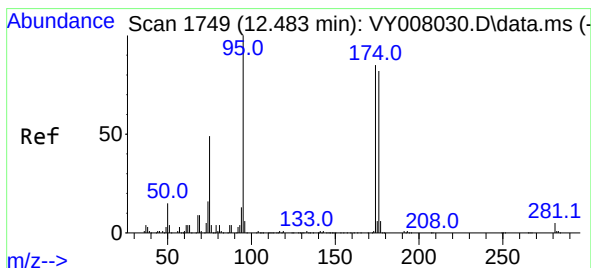
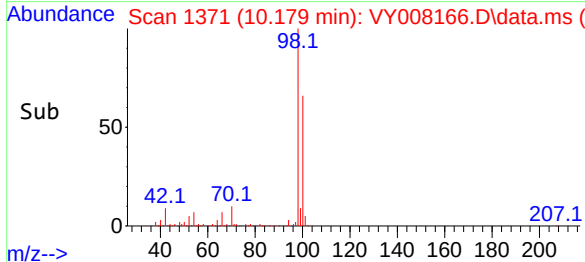
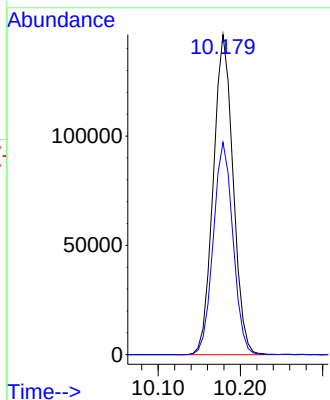
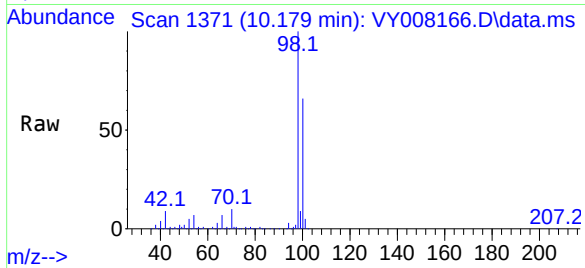




#50
Toluene-d8
Concen: 50.668 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008166.D
Acq: 01 Apr 2022 17:14

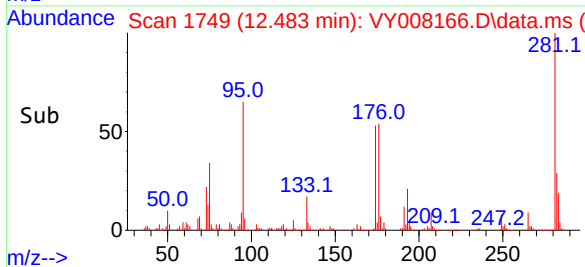
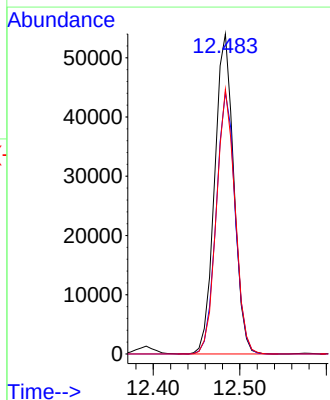
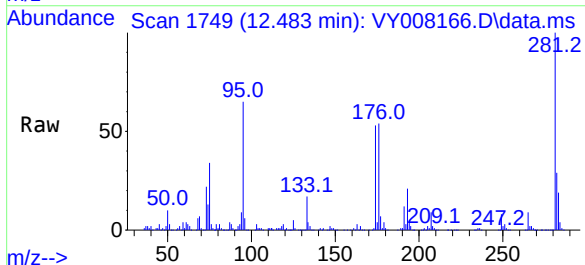
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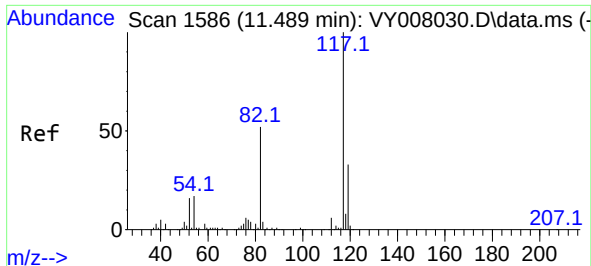
Tgt Ion: 98 Resp: 244936
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.583 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008166.D
Acq: 01 Apr 2022 17:14

Tgt Ion: 95 Resp: 82858
Ion Ratio Lower Upper
95 100
174 80.9 0.0 177.0
176 80.5 0.0 175.8

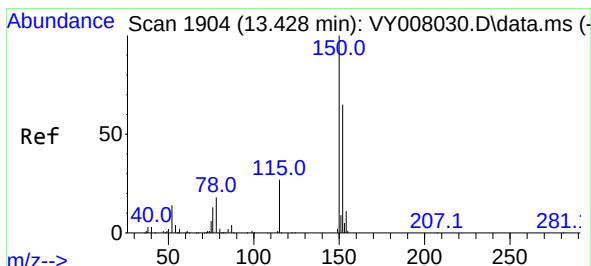
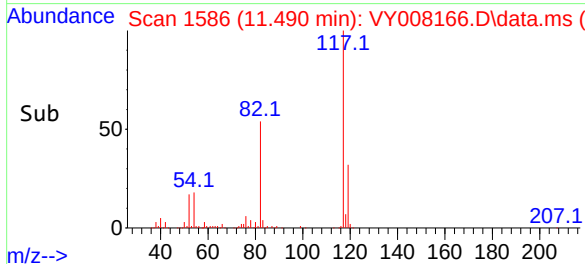
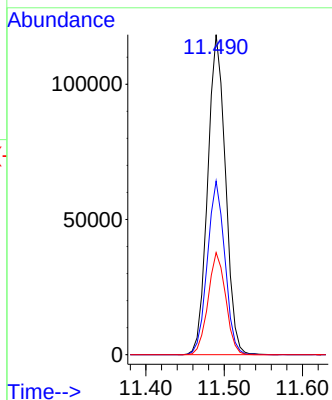
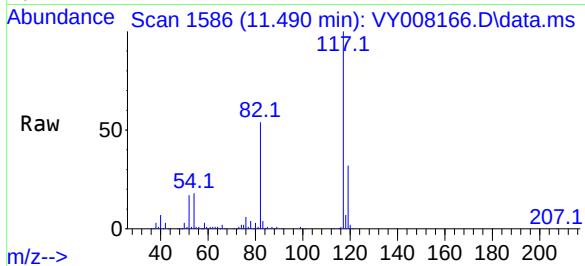




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008166.D
Acq: 01 Apr 2022 17:14

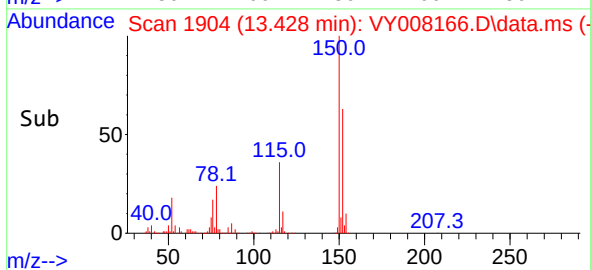
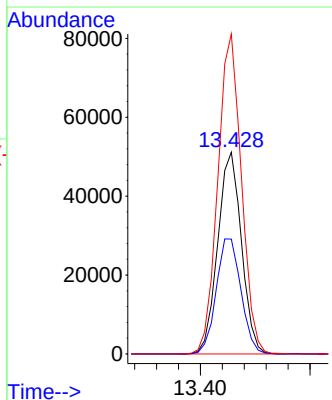
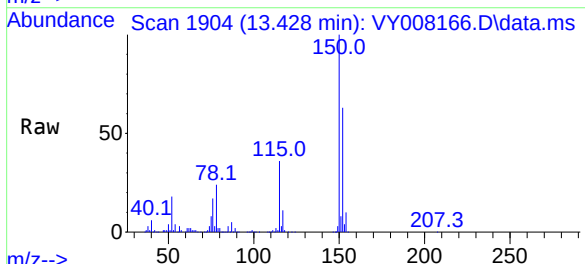
Instrument :
MSVOA_Y
ClientSampleId :
A02145

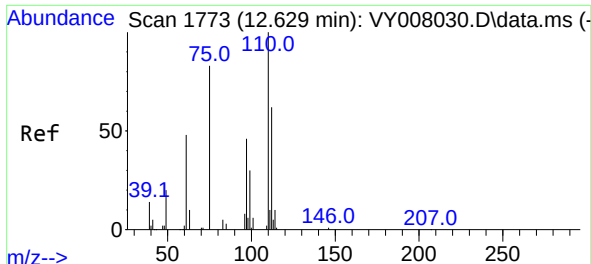
Tgt Ion:117 Resp: 186389
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008166.D
Acq: 01 Apr 2022 17:14

Tgt Ion:152 Resp: 76882
Ion Ratio Lower Upper
152 100
115 59.5 28.2 84.7
150 157.6 0.0 347.6

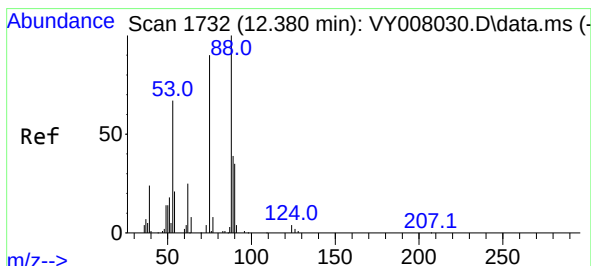
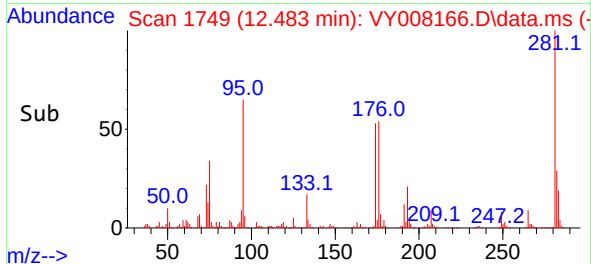
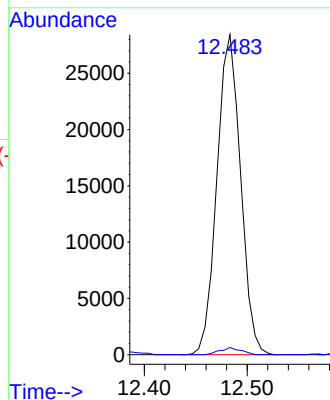
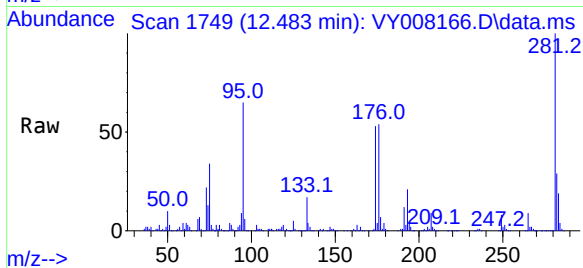




#76
1,2,3-Trichloropropane
Concen: 48.447 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008166.D
Acq: 01 Apr 2022 17:14

Instrument :
MSVOA_Y
ClientSampleId :
A02145

Tgt Ion: 75 Resp: 45404
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.092 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008166.D
Acq: 01 Apr 2022 17:14

Tgt Ion: 75 Resp: 45404
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 3.1 37.0 55.4#

