

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032622\
 Data File : VY008051.D
 Acq On : 26 Mar 2022 17:13
 Operator : SY/MD
 Sample : N2095-15
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-15-5.0-6.0

Quant Time: Mar 28 09:30:19 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

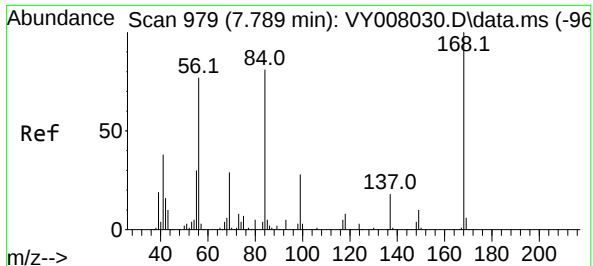
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	32517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	55918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	48056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	20177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	18507	56.728	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.460%
35) Dibromofluoromethane	7.716	113	17239	49.171	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.340%
50) Toluene-d8	10.179	98	65026	49.230	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.460%
62) 4-Bromofluorobenzene	12.483	95	21405	45.933	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.860%
Target Compounds						Qvalue
16) Acetone	3.942	43	686	9.199	ug/l #	47
20) Methylene Chloride	4.728	84	1599	Below Cal	#	55
31) Cyclohexane	7.783	56	714	1.171	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	2468	4.481	ug/l #	51
38) Carbon Tetrachloride	7.789	117	3351	5.584	ug/l #	11
51) 4-Methyl-2-Pentanone	10.179	43	304	1.193	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	11139	45.288	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	11139	101.045	ug/l #	7

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

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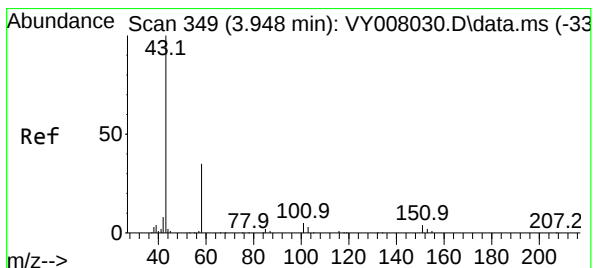
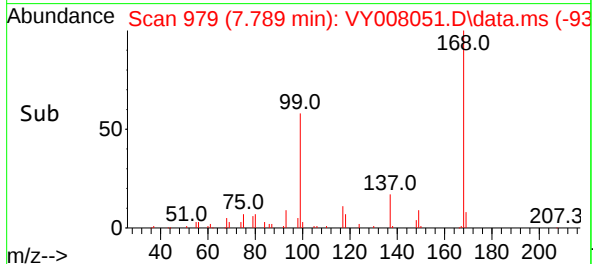
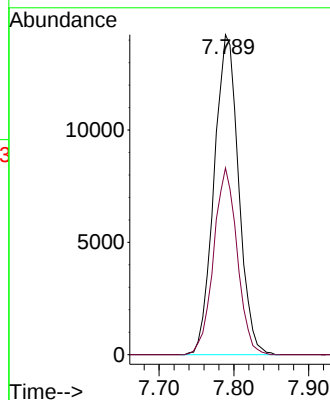
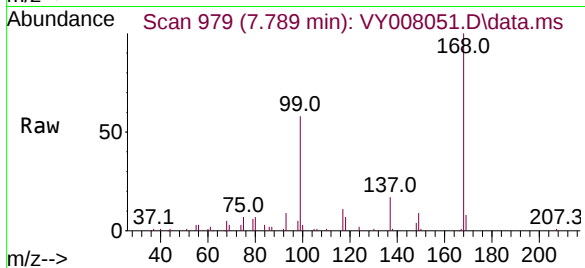




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008051.D
Acq: 26 Mar 2022 17:13

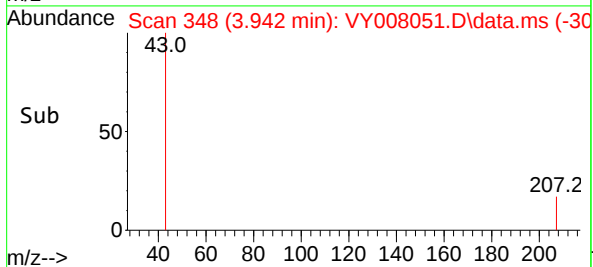
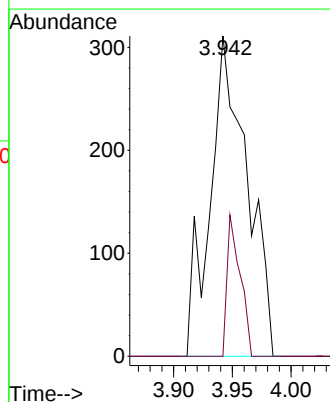
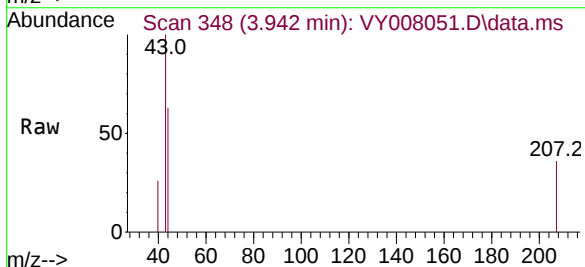
Instrument :
MSVOA_Y
ClientSampleId :
SB-15-5.0-6.0

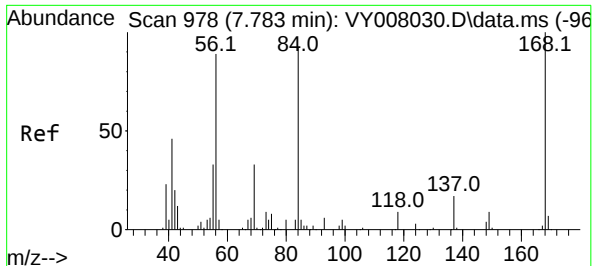
Tgt Ion:168 Resp: 32517
Ion Ratio Lower Upper
168 100
99 58.3 46.9 70.3



#16
Acetone
Concen: 9.199 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008051.D
Acq: 26 Mar 2022 17:13

Tgt Ion: 43 Resp: 686
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#

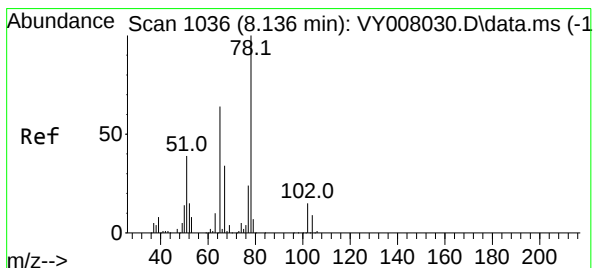
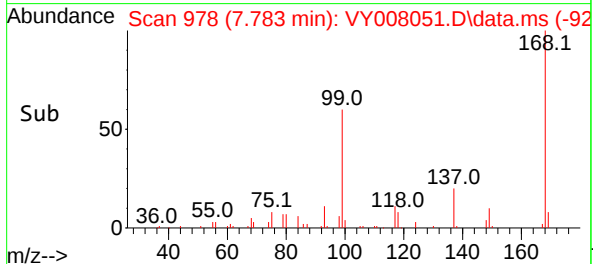
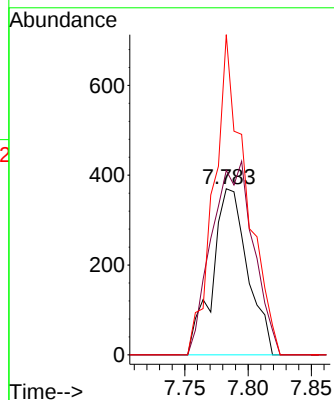
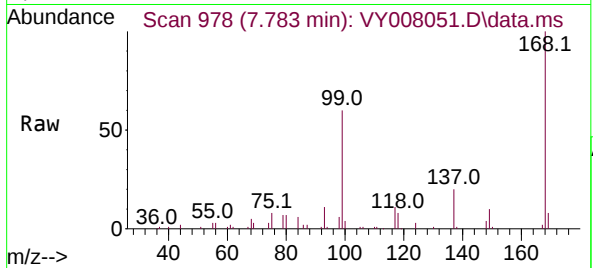




#31
Cyclohexane
Concen: 1.171 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008051.D
Acq: 26 Mar 2022 17:13

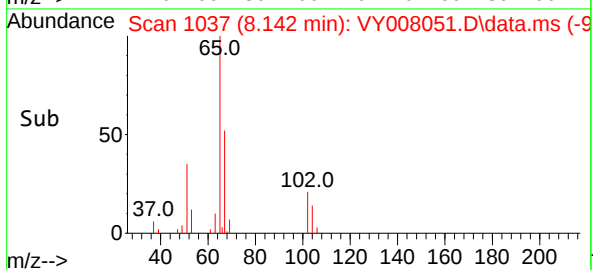
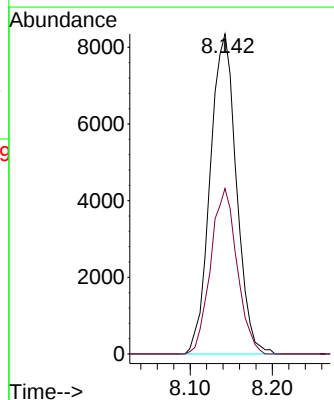
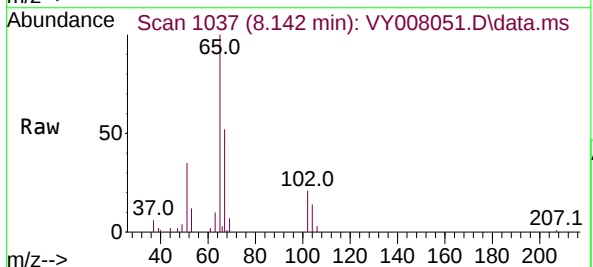
Instrument :
MSVOA_Y
ClientSampleId :
SB-15-5.0-6.0

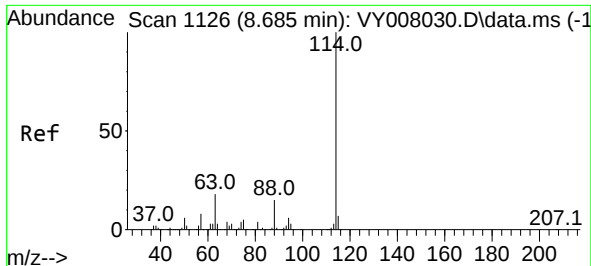
Tgt Ion: 56 Resp: 714
Ion Ratio Lower Upper
56 100
69 111.1 26.7 40.1#
84 192.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 56.728 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008051.D
Acq: 26 Mar 2022 17:13

Tgt Ion: 65 Resp: 18507
Ion Ratio Lower Upper
65 100
67 51.8 0.0 99.4

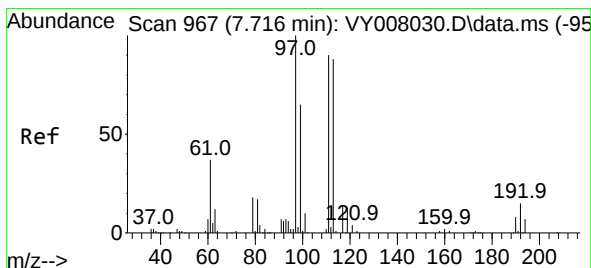
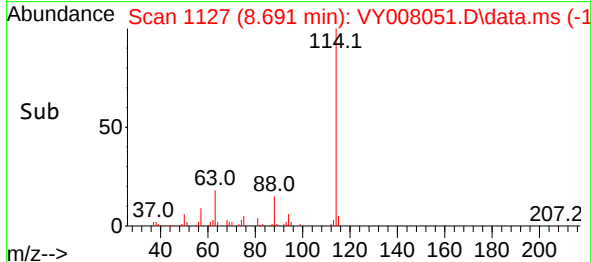
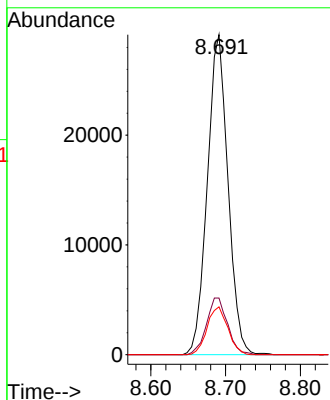
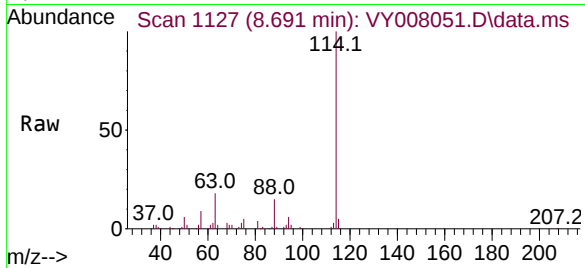




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY008051.D
Acq: 26 Mar 2022 17:13

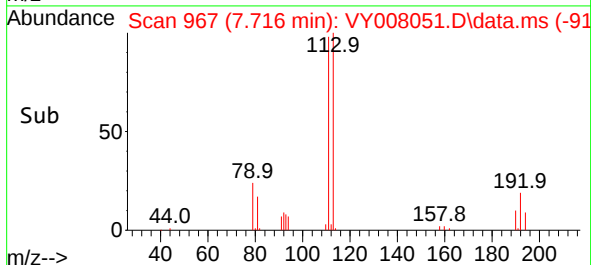
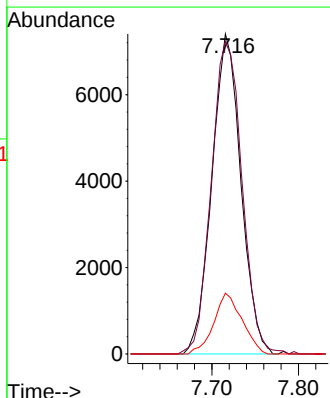
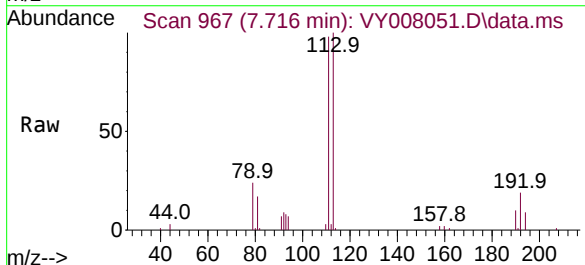
Instrument :
MSVOA_Y
ClientSampleId :
SB-15-5.0-6.0

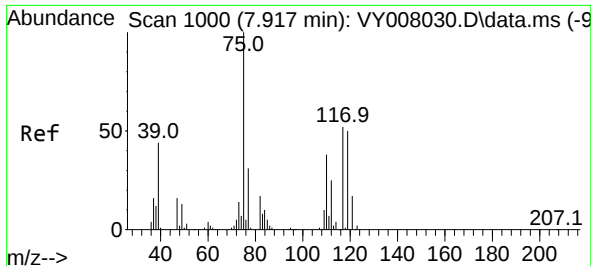
Tgt Ion:114	Resp:	55918
Ion Ratio	Lower	Upper
114	100	
63	17.7	0.0 43.2
88	14.9	0.0 31.8



#35
Dibromofluoromethane
Concen: 49.171 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008051.D
Acq: 26 Mar 2022 17:13

Tgt Ion:113	Resp:	17239
Ion Ratio	Lower	Upper
113	100	
111	103.3	82.6 124.0
192	18.5	17.6 26.4

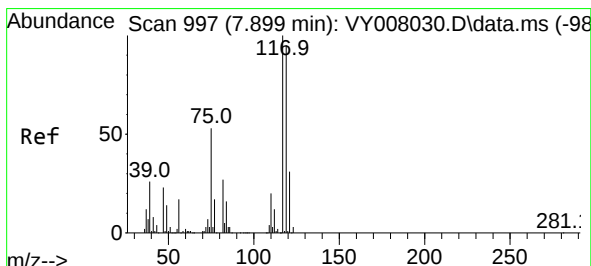
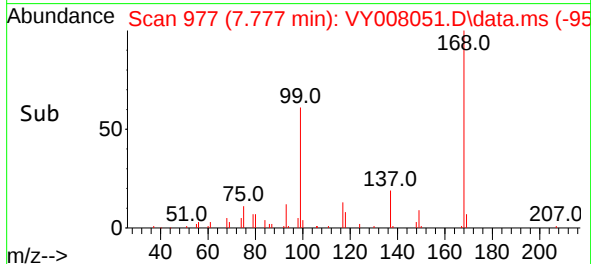
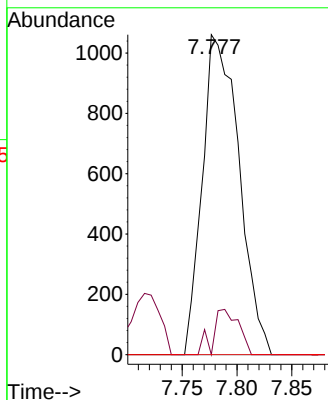
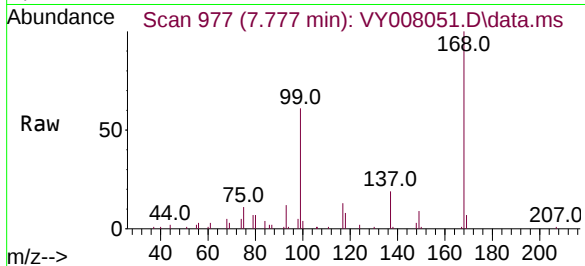




#36
1,1-Dichloropropene
Concen: 4.481 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.140 min
Lab File: VY008051.D
Acq: 26 Mar 2022 17:13

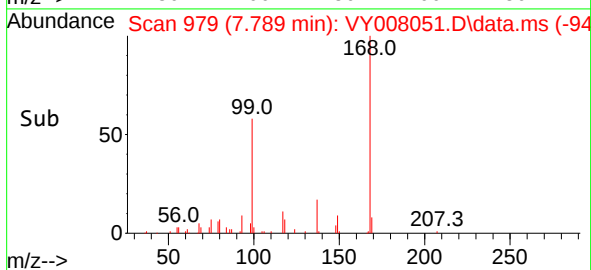
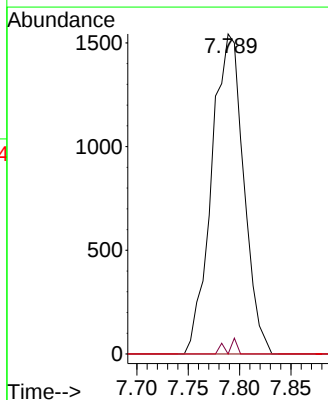
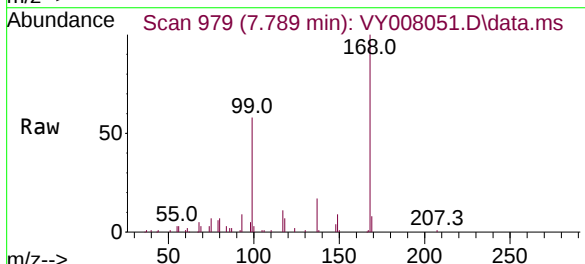
Instrument :
MSVOA_Y
ClientSampleId :
SB-15-5.0-6.0

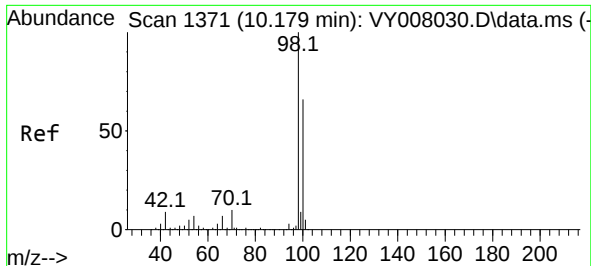
Tgt Ion: 75 Resp: 2468
Ion Ratio Lower Upper
75 100
110 9.9 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.584 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY008051.D
Acq: 26 Mar 2022 17:13

Tgt Ion: 117 Resp: 3351
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#

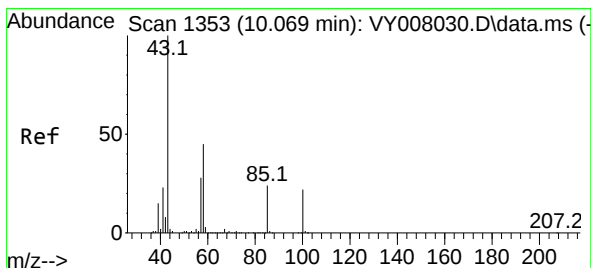
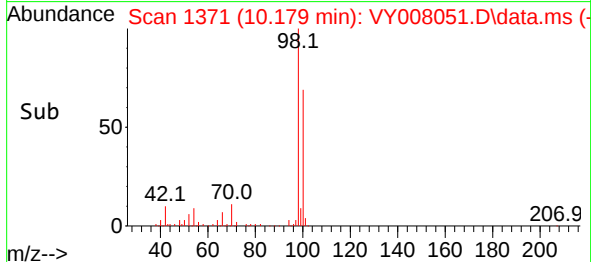
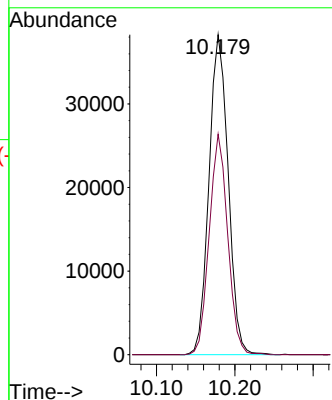
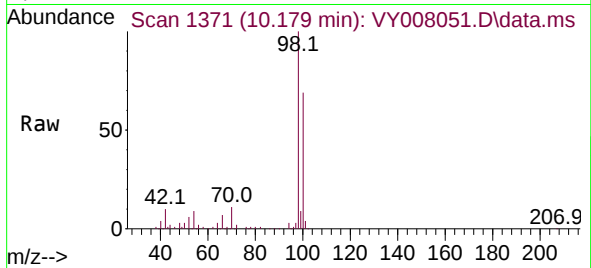




#50
Toluene-d8
Concen: 49.230 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008051.D
Acq: 26 Mar 2022 17:13

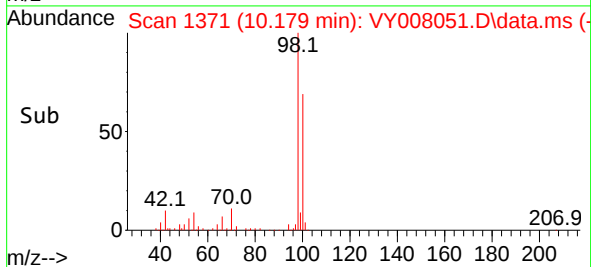
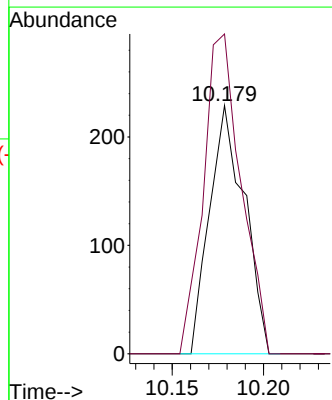
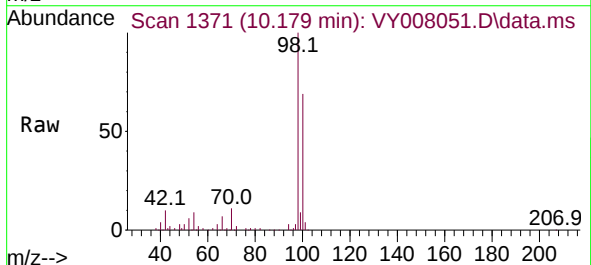
Instrument :
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SB-15-5.0-6.0

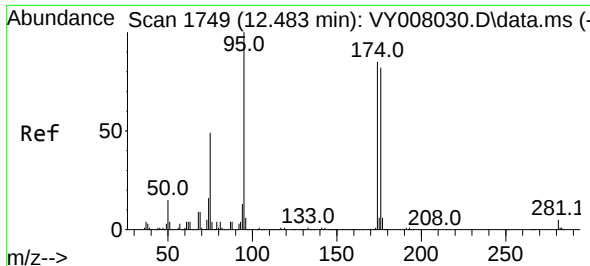
Tgt Ion: 98 Resp: 65026
Ion Ratio Lower Upper
98 100
100 66.4 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.193 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY008051.D
Acq: 26 Mar 2022 17:13

Tgt Ion: 43 Resp: 304
Ion Ratio Lower Upper
43 100
58 139.1 28.1 42.1#

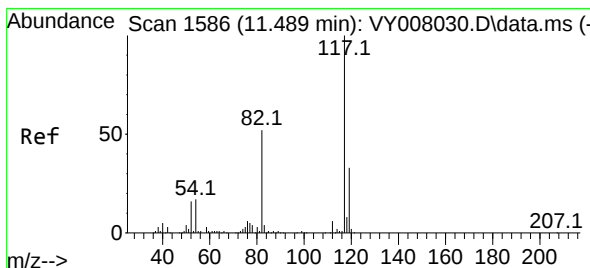
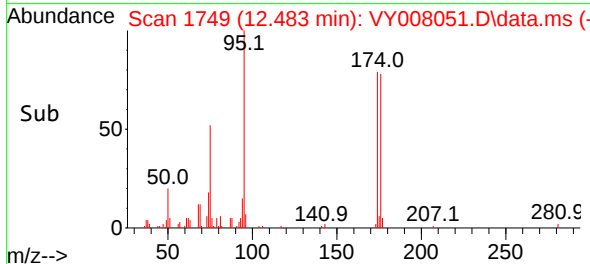
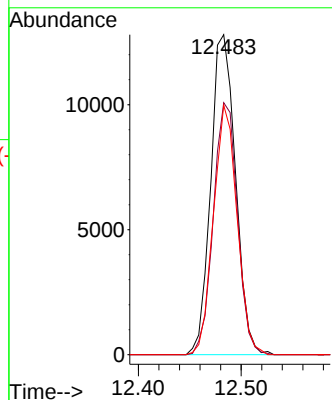
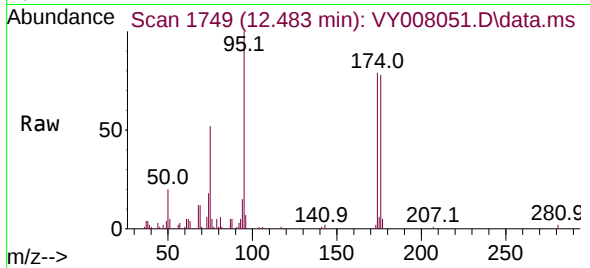




#62
4-Bromofluorobenzene
Concen: 45.933 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008051.D
Acq: 26 Mar 2022 17:13

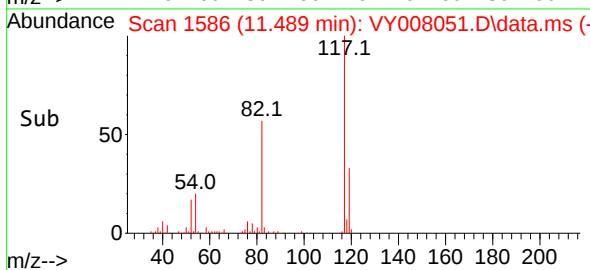
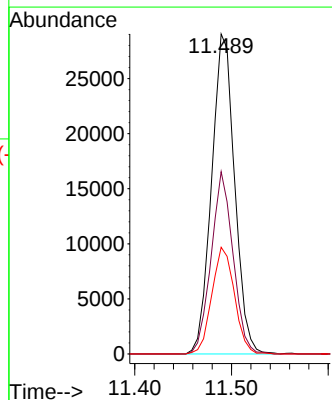
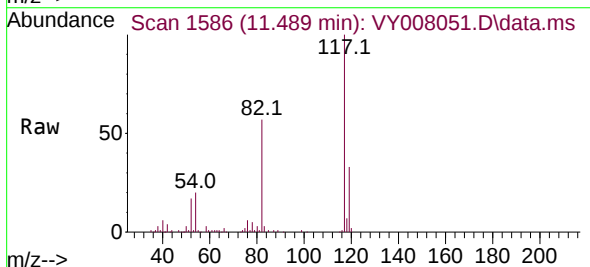
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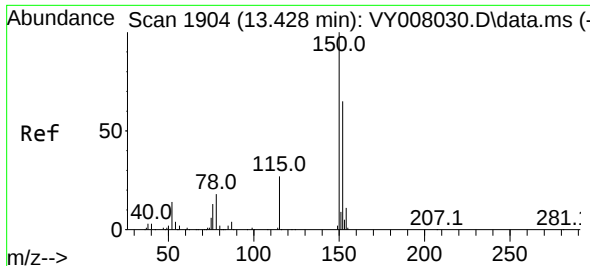
Tgt Ion: 95 Resp: 21405
Ion Ratio Lower Upper
95 100
174 76.5 0.0 177.0
176 74.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008051.D
Acq: 26 Mar 2022 17:13

Tgt Ion: 117 Resp: 48056
Ion Ratio Lower Upper
117 100
82 57.0 43.0 64.4
119 33.3 25.4 38.0

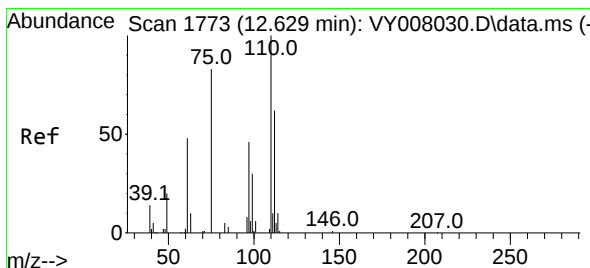
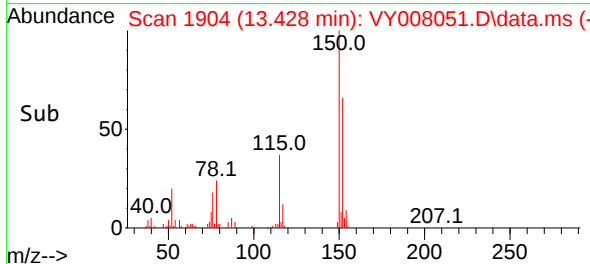
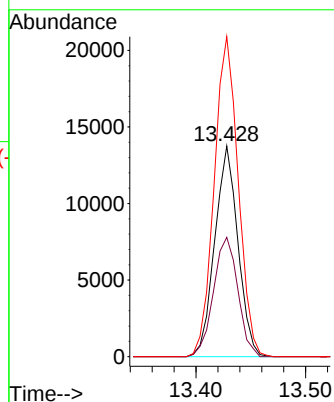
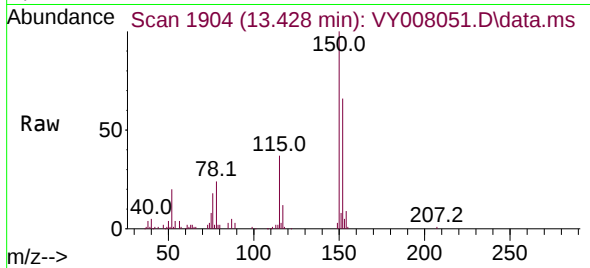




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008051.D
 Acq: 26 Mar 2022 17:13

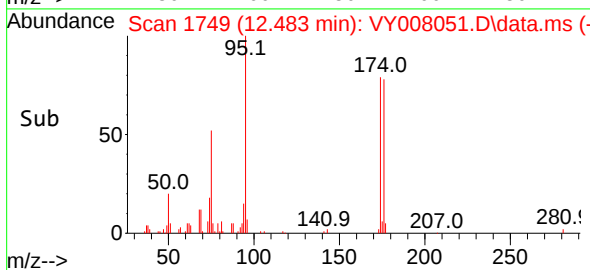
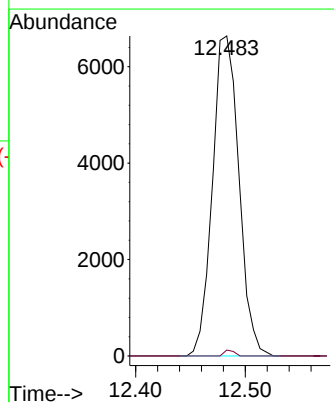
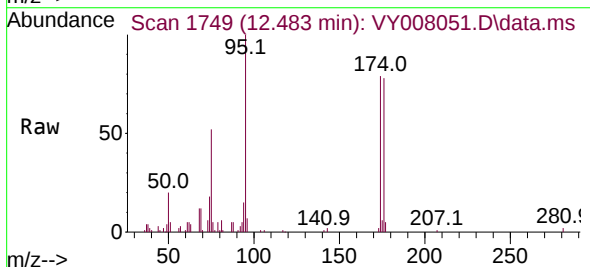
Instrument :
 MSVOA_Y
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 SB-15-5.0-6.0

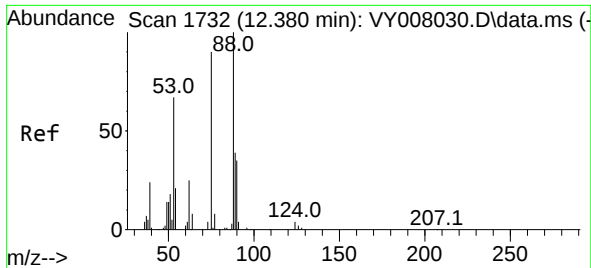
Tgt Ion:152 Resp: 20177
 Ion Ratio Lower Upper
 152 100
 115 59.6 28.2 84.7
 150 157.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 45.288 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008051.D
 Acq: 26 Mar 2022 17:13

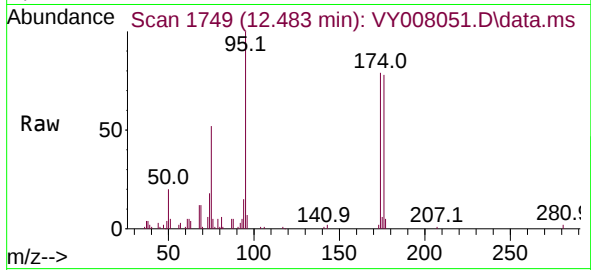
Tgt Ion: 75 Resp: 11139
 Ion Ratio Lower Upper
 75 100
 77 0.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.045 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008051.D
 Acq: 26 Mar 2022 17:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-15-5.0-6.0



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

