

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092721\
 Data File : VY006171.D
 Acq On : 27 Sep 2021 18:17
 Operator : SY/MD
 Sample : M3951-01
 Misc : 6.48G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-20210924

Quant Time: Sep 28 06:22:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

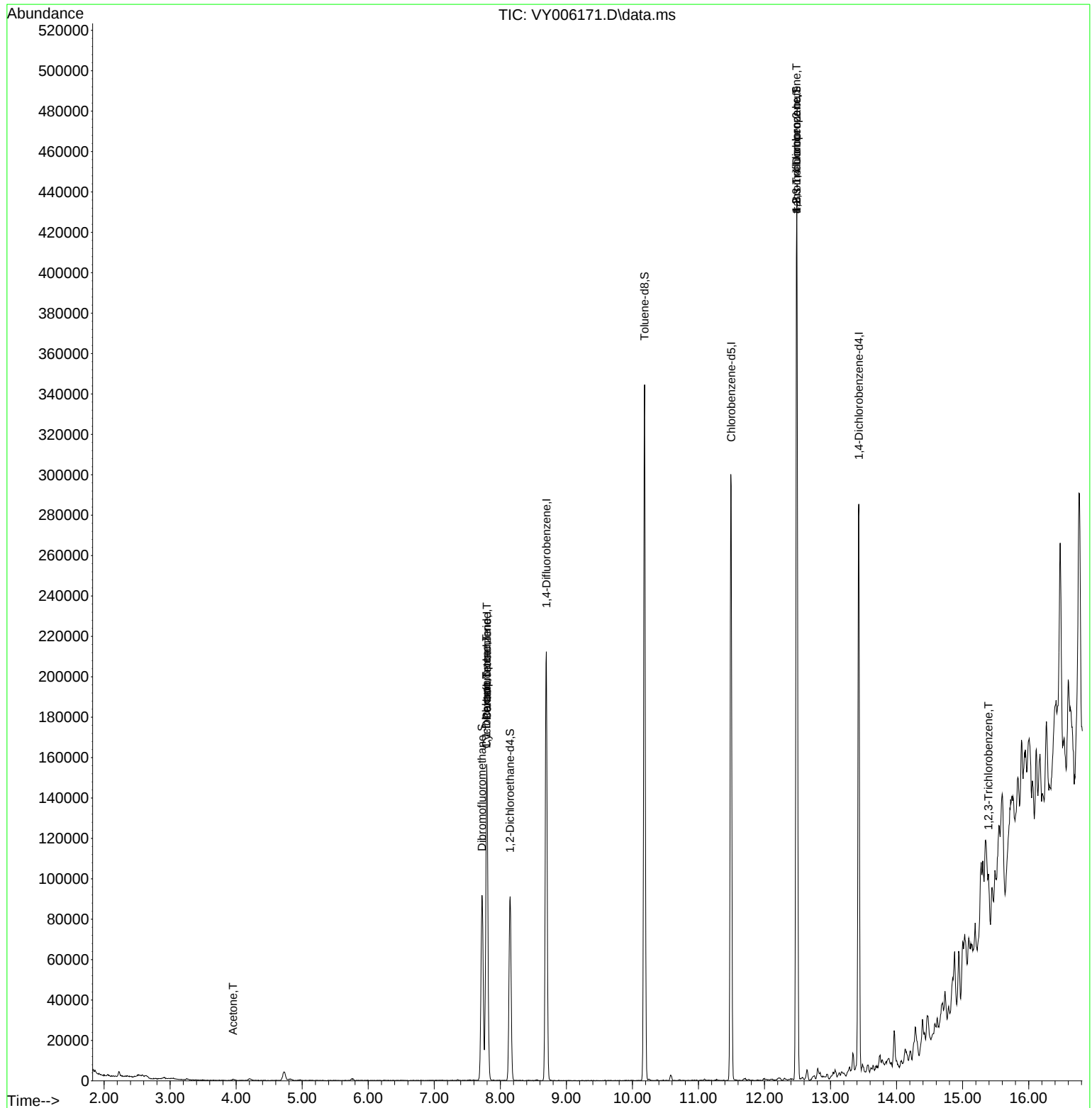
Internal Standards						
1) Pentafluorobenzene	7.795	168	122156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	177672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	161298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76762	45.239	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.480%
35) Dibromofluoromethane	7.722	113	62404	56.548	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.100%
50) Toluene-d8	10.185	98	218917	46.545	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.080%
62) 4-Bromofluorobenzene	12.483	95	66265	41.497	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.000%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	735	Below Cal	#	77
16) Acetone	3.954	43	1125	2.417	ug/l	96
20) Methylene Chloride	4.722	84	3136	Below Cal	#	82
31) Cyclohexane	7.789	56	2784	1.024	ug/l	# 12
36) 1,1-Dichloropropene	7.789	75	8973	4.679	ug/l	# 52
38) Carbon Tetrachloride	7.795	117	11665	5.588	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	38691	50.455	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	38691	92.763	ug/l	# 8
96) 1,2,3-Trichlorobenzene	15.391	180	1403	1.121	ug/l	# 25

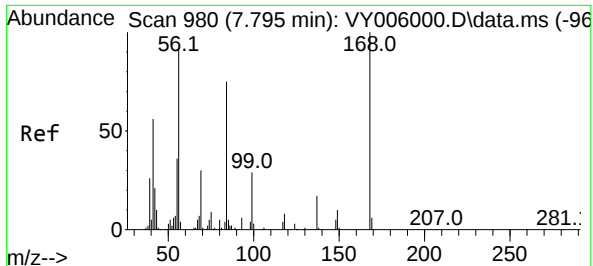
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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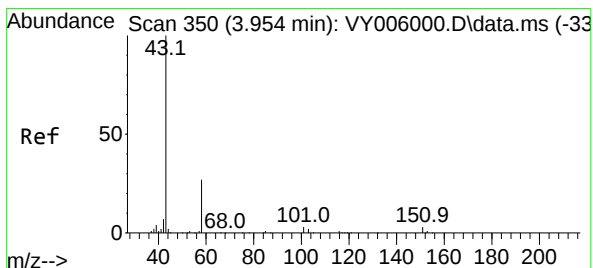
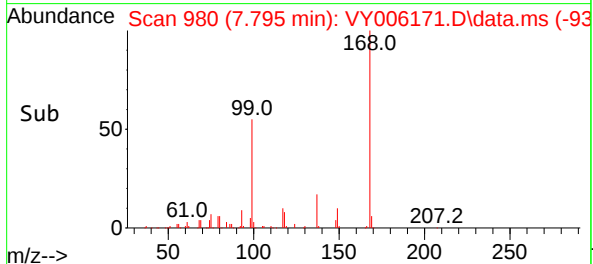
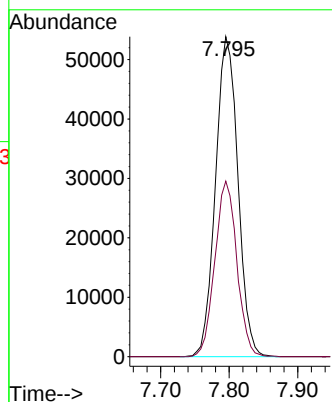
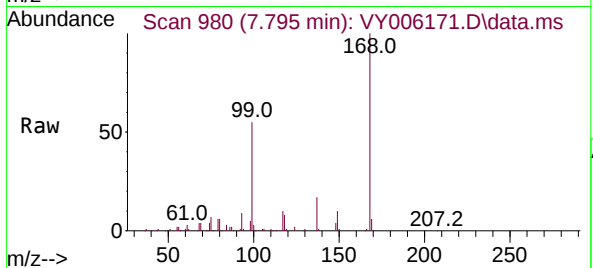




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006171.D
Acq: 27 Sep 2021 18:17

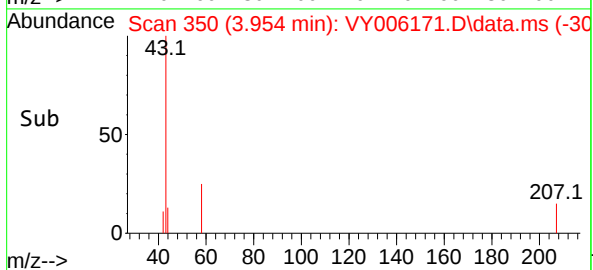
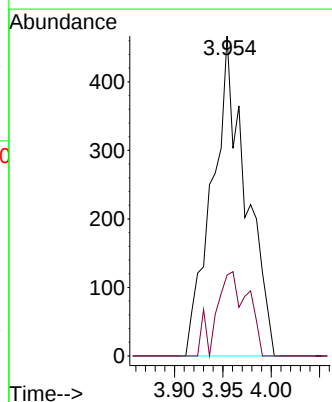
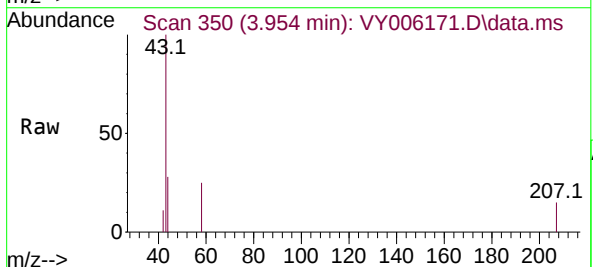
Instrument :
MSVOA_Y
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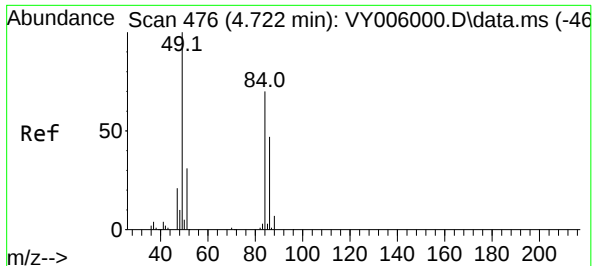
Tgt Ion:168 Resp: 122156
Ion Ratio Lower Upper
168 100
99 54.8 46.9 70.3



#16
Acetone
Concen: 2.417 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006171.D
Acq: 27 Sep 2021 18:17

Tgt Ion: 43 Resp: 1125
Ion Ratio Lower Upper
43 100
58 25.3 22.0 33.0





#20

Methylene Chloride

Concen: Below Cal

RT: 4.722 min Scan# 476

Delta R.T. 0.000 min

Lab File: VY006171.D

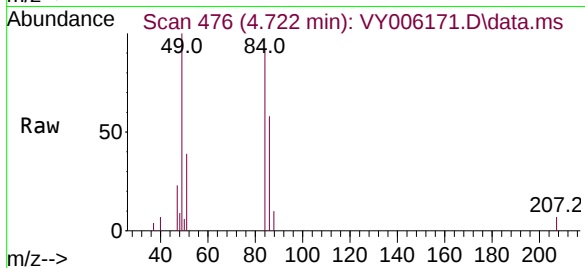
Acq: 27 Sep 2021 18:17

Instrument :

MSVOA_Y

ClientSampleId :

WC-20210924



Tgt Ion: 84 Resp: 3136

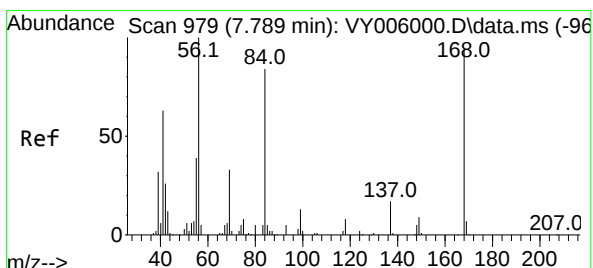
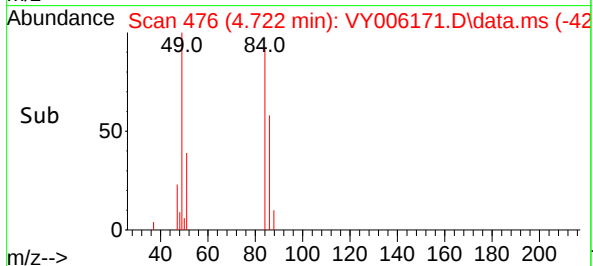
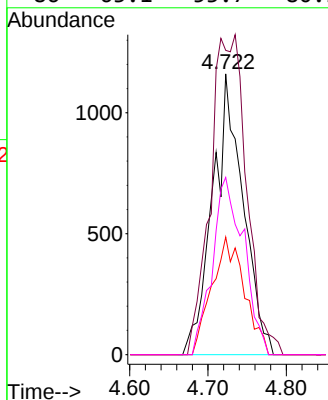
Ion Ratio Lower Upper

84 100

49 108.4 114.4 171.6#

51 41.9 35.3 52.9

86 63.1 53.7 80.5



#31

Cyclohexane

Concen: 1.024 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.000 min

Lab File: VY006171.D

Acq: 27 Sep 2021 18:17

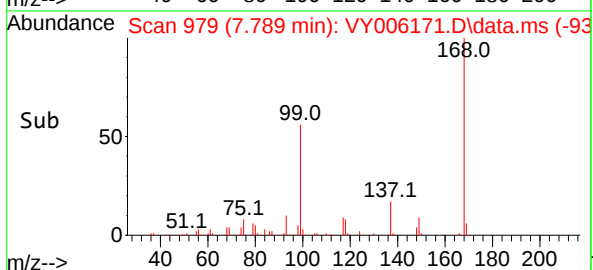
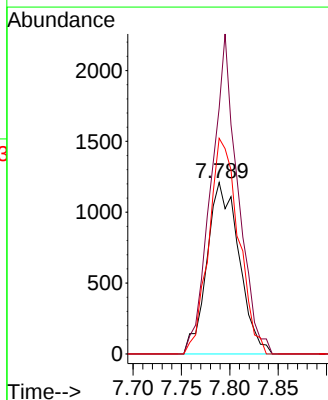
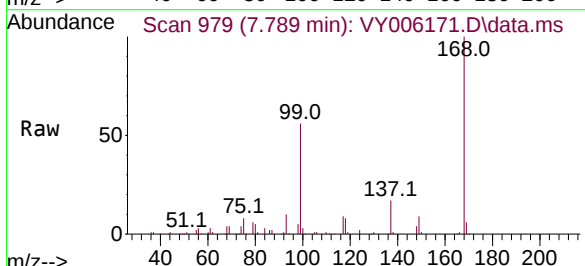
Tgt Ion: 56 Resp: 2784

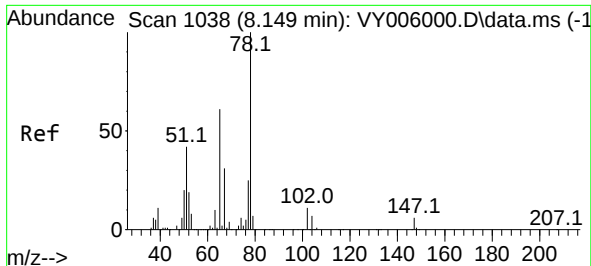
Ion Ratio Lower Upper

56 100

69 143.3 26.7 40.1#

84 125.8 67.2 100.8#

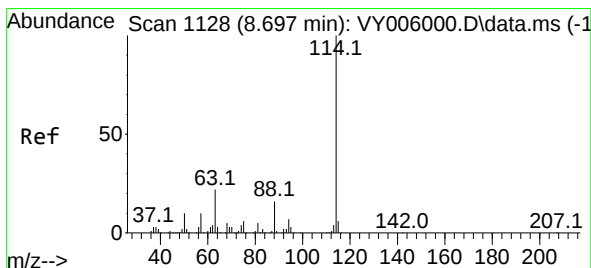
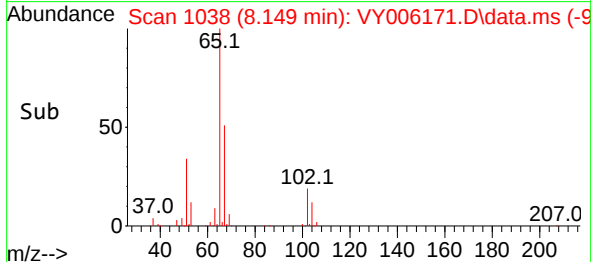
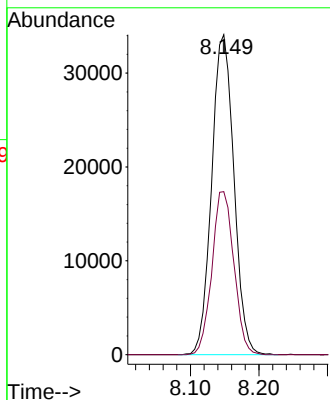
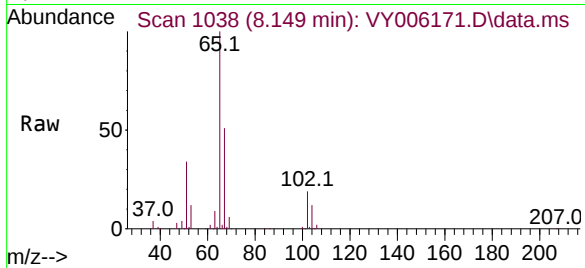




#33
1,2-Dichloroethane-d4
Concen: 45.239 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006171.D
Acq: 27 Sep 2021 18:17

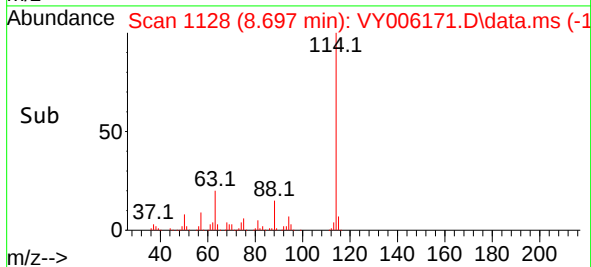
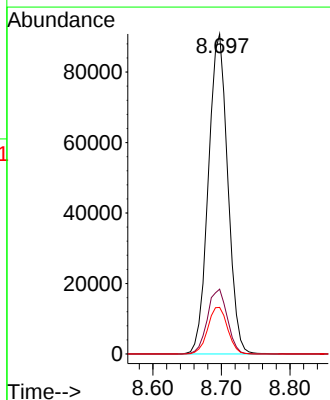
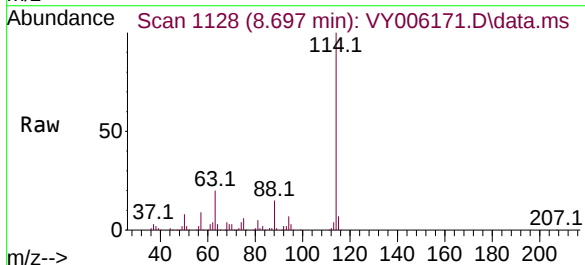
Instrument :
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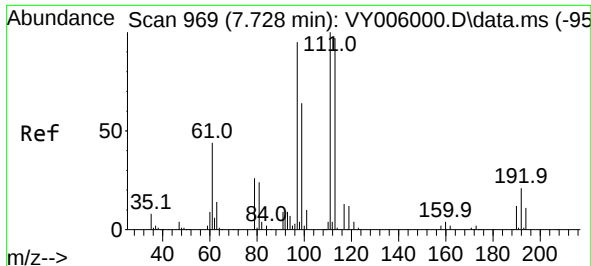
Tgt Ion: 65 Resp: 76762
Ion Ratio Lower Upper
65 100
67 50.3 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006171.D
Acq: 27 Sep 2021 18:17

Tgt Ion: 114 Resp: 177672
Ion Ratio Lower Upper
114 100
63 20.2 0.0 43.2
88 14.6 0.0 31.8

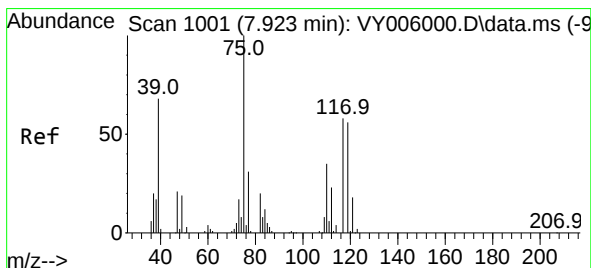
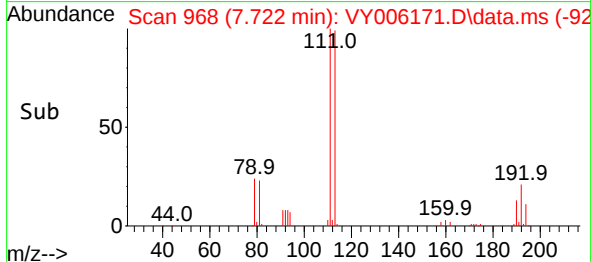
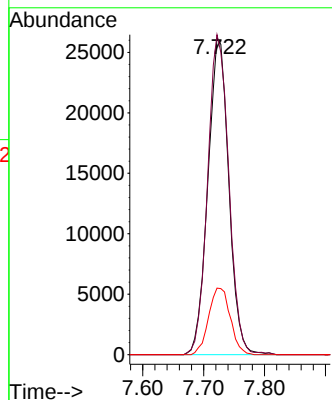
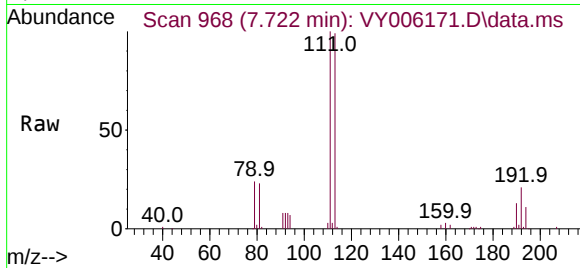




#35
Dibromofluoromethane
Concen: 56.548 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006171.D
Acq: 27 Sep 2021 18:17

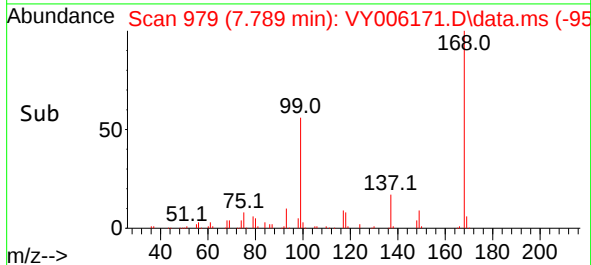
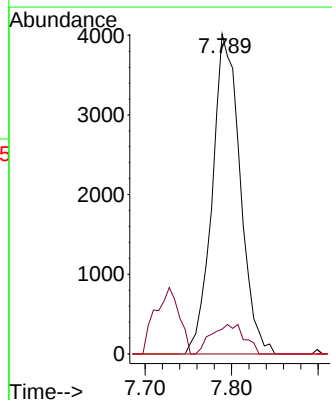
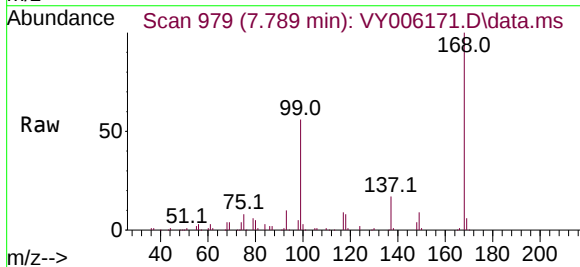
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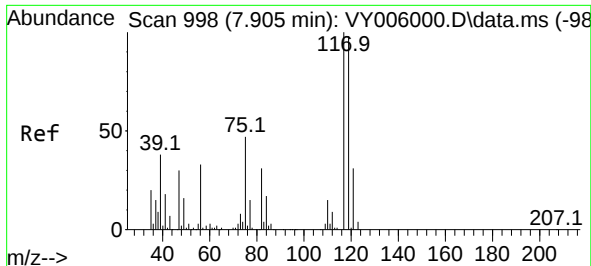
Tgt Ion:	113	Resp:	62404
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	124.0
192	21.8	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.679 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY006171.D
Acq: 27 Sep 2021 18:17

Tgt Ion:	75	Resp:	8973
Ion	Ratio	Lower	Upper
75	100		
110	10.9	17.1	51.2#
77	0.0	24.4	36.6#

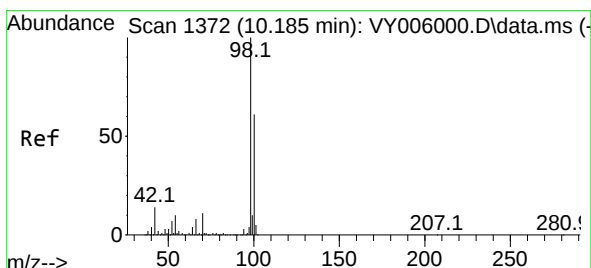
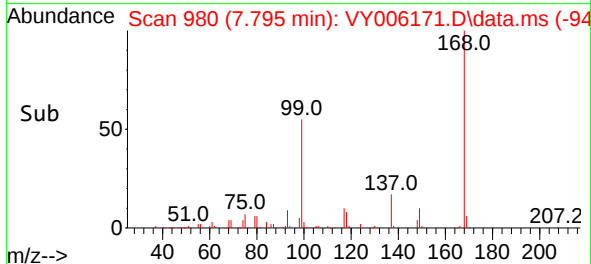
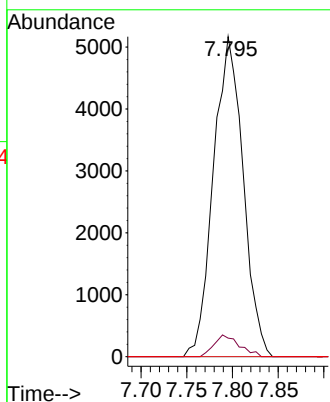
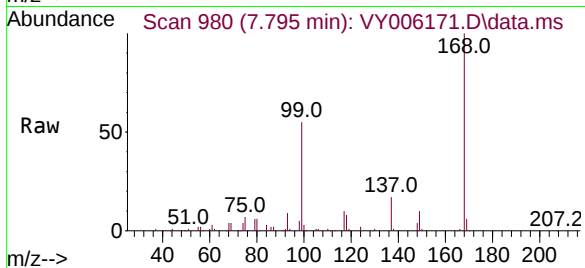




#38
Carbon Tetrachloride
Concen: 5.588 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006171.D
Acq: 27 Sep 2021 18:17

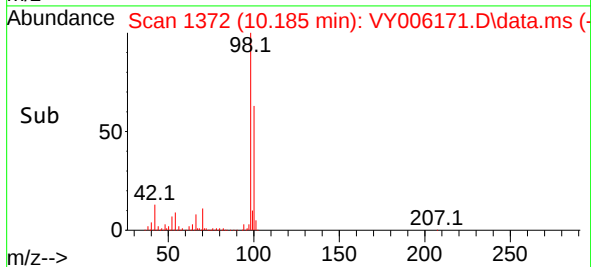
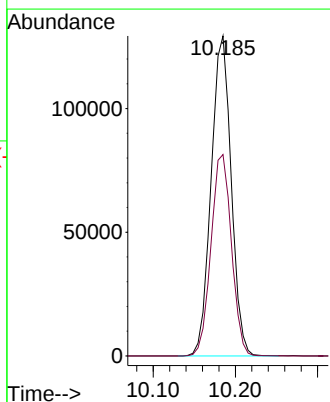
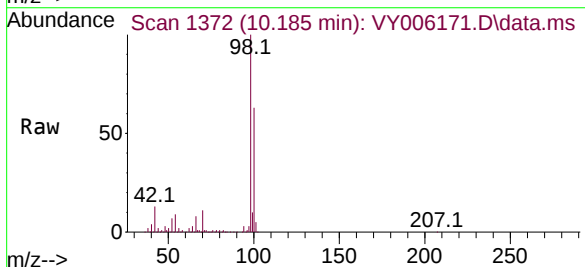
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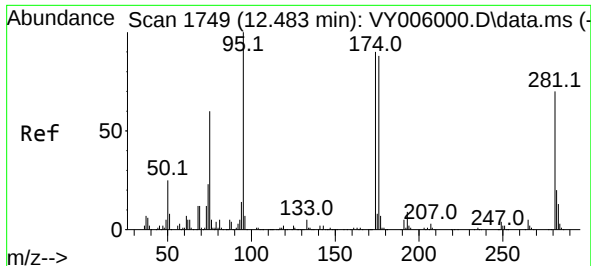
Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.8	77.9	116.9#
121	0.0	24.8	37.2#



#50
Toluene-d8
Concen: 46.545 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006171.D
Acq: 27 Sep 2021 18:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	50.2	75.2

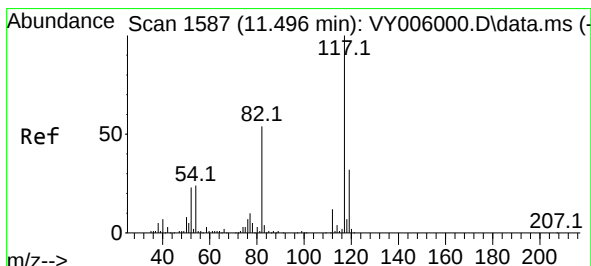
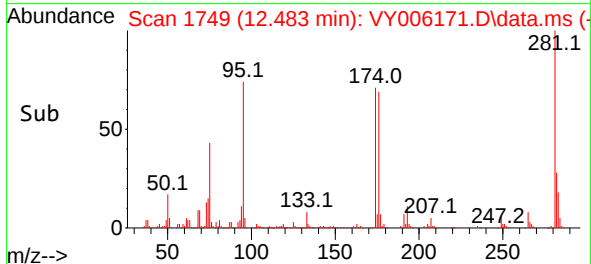
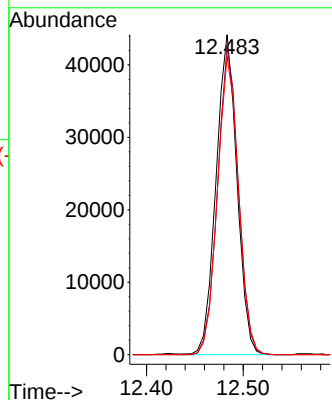
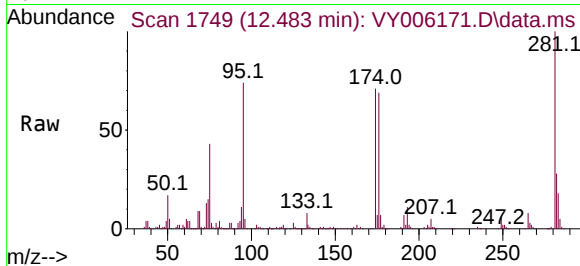




#62
4-Bromofluorobenzene
Concen: 41.497 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006171.D
Acq: 27 Sep 2021 18:17

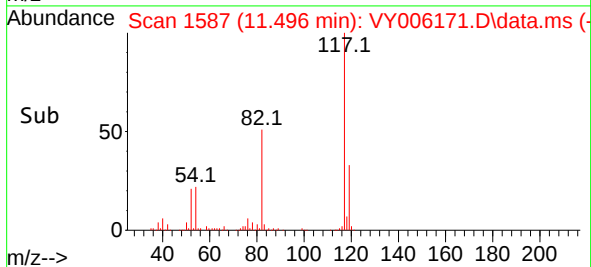
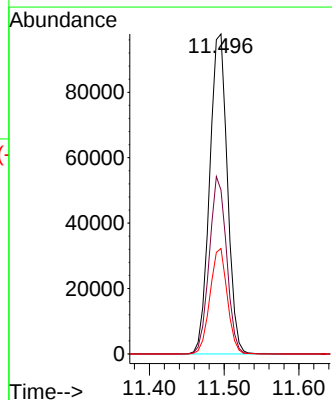
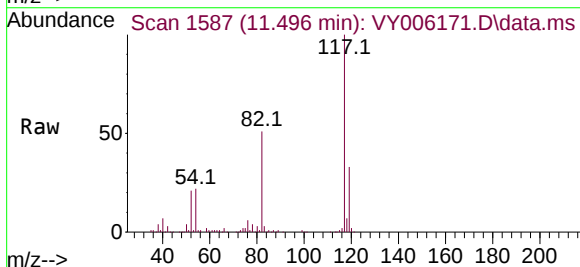
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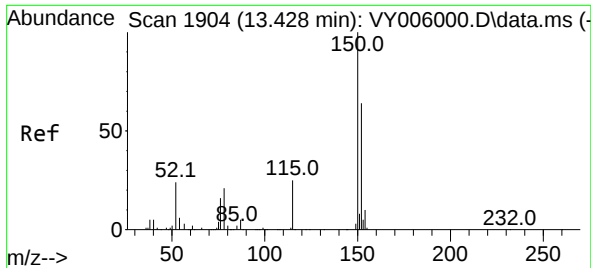
Tgt Ion: 95 Resp: 66265
Ion Ratio Lower Upper
95 100
174 95.7 0.0 177.0
176 93.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006171.D
Acq: 27 Sep 2021 18:17

Tgt Ion: 117 Resp: 161298
Ion Ratio Lower Upper
117 100
82 51.2 43.0 64.4
119 33.0 25.4 38.0

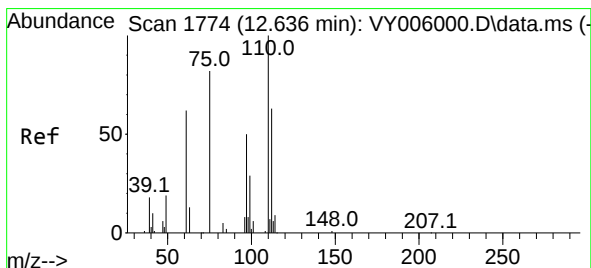
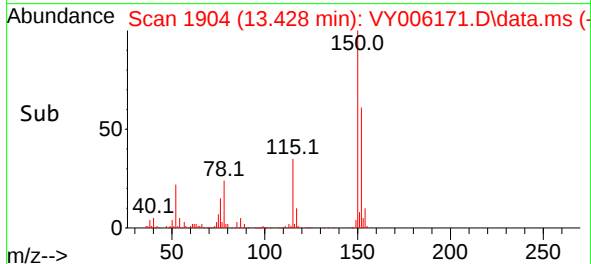
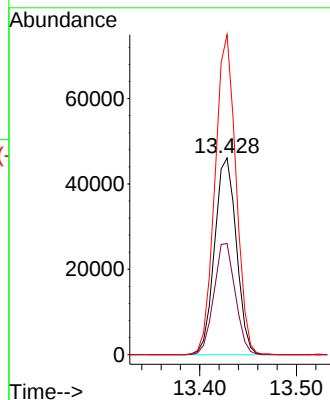
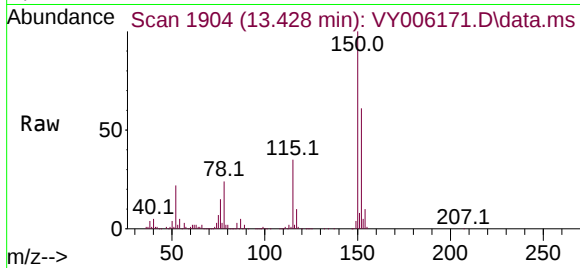




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006171.D
 Acq: 27 Sep 2021 18:17

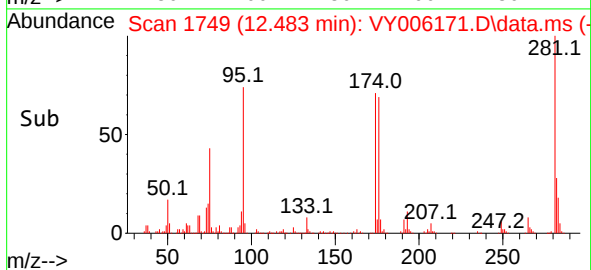
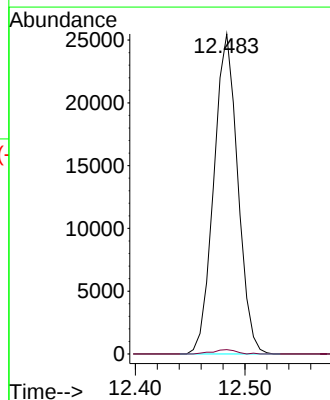
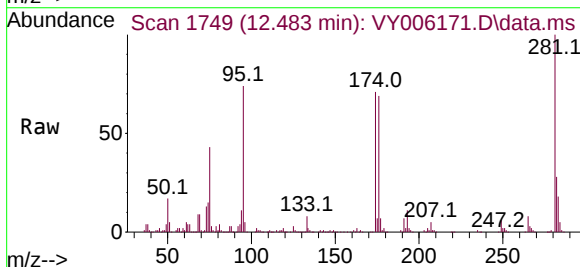
Instrument :
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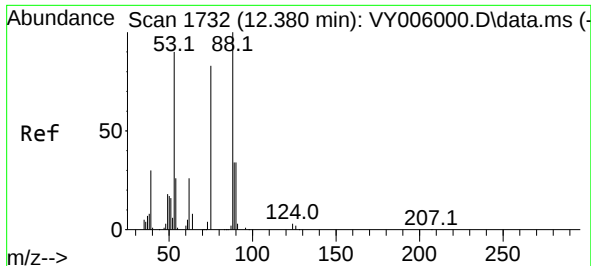
Tgt Ion:152 Resp: 71923
 Ion Ratio Lower Upper
 152 100
 115 55.7 28.2 84.7
 150 156.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 50.455 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006171.D
 Acq: 27 Sep 2021 18:17

Tgt Ion: 75 Resp: 38691
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

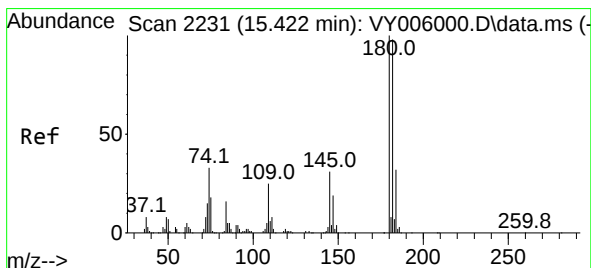
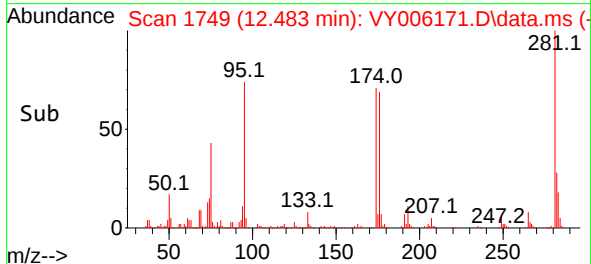
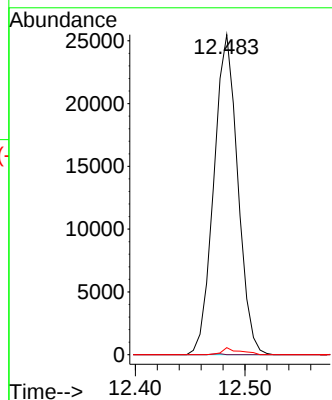
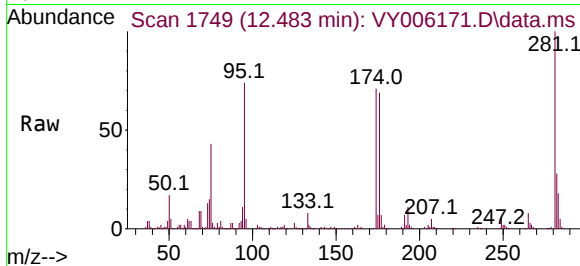




#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.763 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006171.D
 Acq: 27 Sep 2021 18:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-20210924

Tgt Ion: 75 Resp: 38691
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 1.6 37.0 55.4#



#96
 1,2,3-Trichlorobenzene
 Concen: 1.121 ug/l
 RT: 15.391 min Scan# 2226
 Delta R.T. -0.030 min
 Lab File: VY006171.D
 Acq: 27 Sep 2021 18:17

Tgt Ion:180 Resp: 1403
 Ion Ratio Lower Upper
 180 100
 182 1.4 47.3 141.9#
 145 35.8 15.3 45.9

