

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091421\
 Data File : VY006008.D
 Acq On : 14 Sep 2021 15:21
 Operator : SY/MD
 Sample : M3684-21RE
 Misc : 3.72G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A006070RE

Quant Time: Sep 15 05:14:11 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)

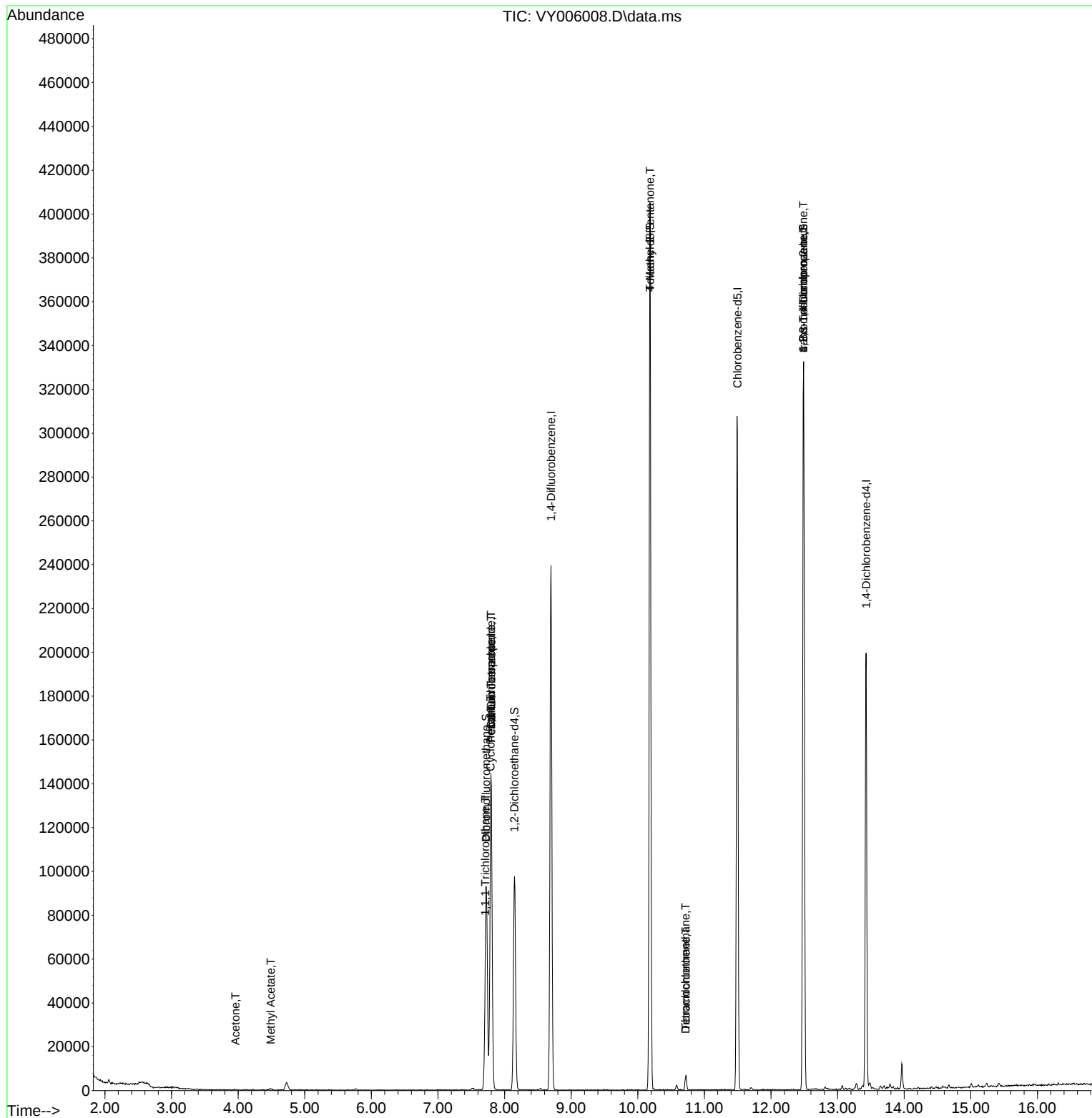
Internal Standards						
1) Pentafluorobenzene	7.801	168	106913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	187353	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	156722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	48250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	80519	54.219	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.440%			
35) Dibromofluoromethane	7.721	113	59968	51.533	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.060%			
50) Toluene-d8	10.184	98	245044	49.407	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.820%			
62) 4-Bromofluorobenzene	12.483	95	56491	33.548	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 67.100%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	215	Below Cal	#	77
16) Acetone	3.960	43	659	1.618	ug/l #	47
18) Methyl Acetate	4.490	43	1271	1.239	ug/l	93
20) Methylene Chloride	4.734	84	2417	Below Cal	#	71
31) Cyclohexane	7.789	56	2946	1.238	ug/l #	36
32) 1,1,1-Trichloroethane	7.709	97	5455	2.554	ug/l	96
36) 1,1-Dichloropropene	7.795	75	9040	4.470	ug/l #	52
38) Carbon Tetrachloride	7.795	117	10771	4.893	ug/l #	15
51) 4-Methyl-2-Pentanone	10.184	43	1415	1.020	ug/l #	1
60) Dibromochloromethane	10.715	129	1374	1.044	ug/l #	11
64) Tetrachloroethene	10.721	164	1437	1.121	ug/l #	88
76) 1,2,3-Trichloropropane	12.483	75	35006	68.047	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	35006	125.106	ug/l #	8

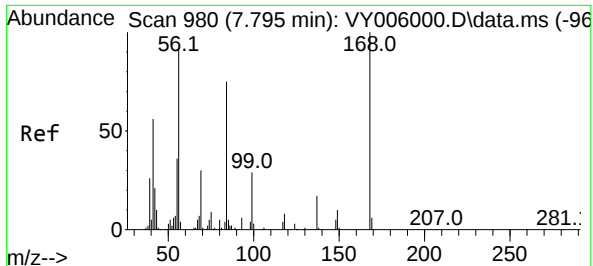
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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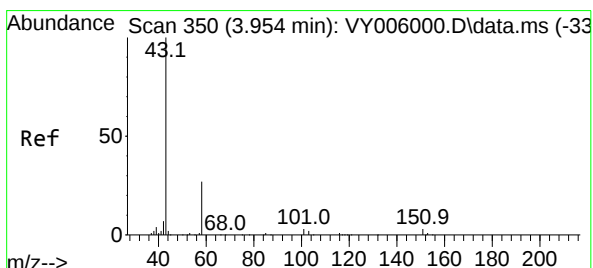
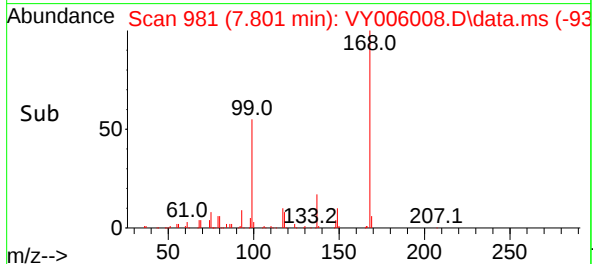
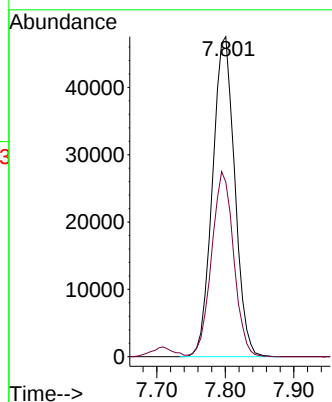
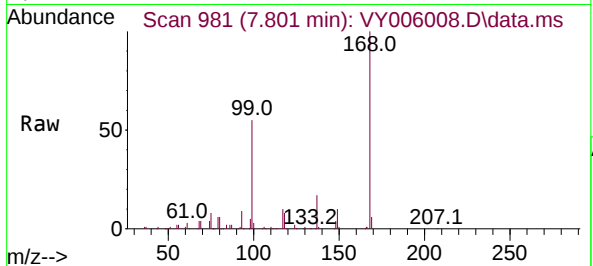




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006008.D
Acq: 14 Sep 2021 15:21

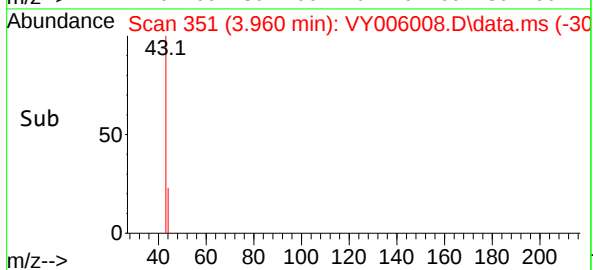
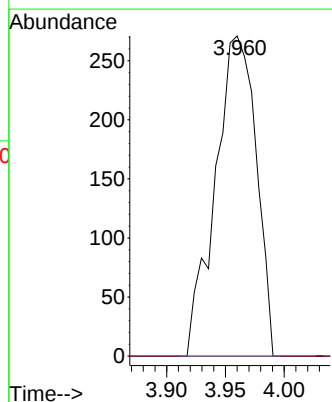
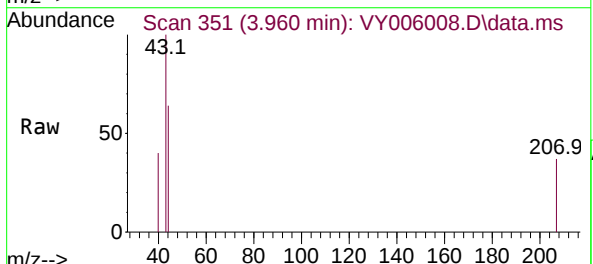
Instrument :
MSVOA_Y
ClientSampleId :
A006070RE

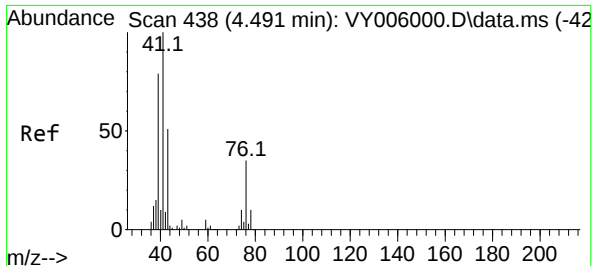
Tgt Ion:168 Resp: 106913
Ion Ratio Lower Upper
168 100
99 54.5 46.9 70.3



#16
Acetone
Concen: 1.618 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006008.D
Acq: 14 Sep 2021 15:21

Tgt Ion: 43 Resp: 659
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#





#18

Methyl Acetate

Concen: 1.239 ug/l

RT: 4.490 min Scan# 438

Delta R.T. -0.000 min

Lab File: VY006008.D

Acq: 14 Sep 2021 15:21

Instrument :

MSVOA_Y

ClientSampleId :

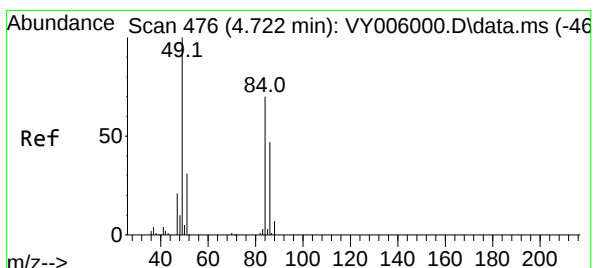
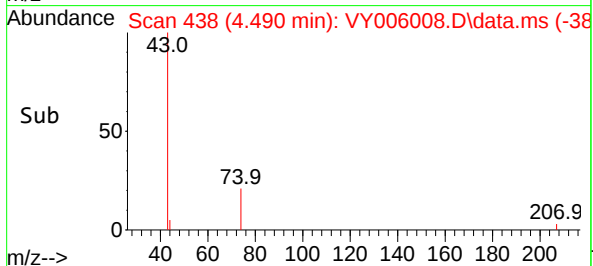
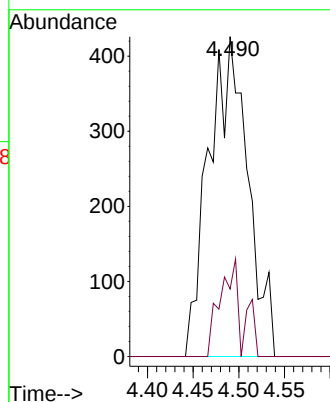
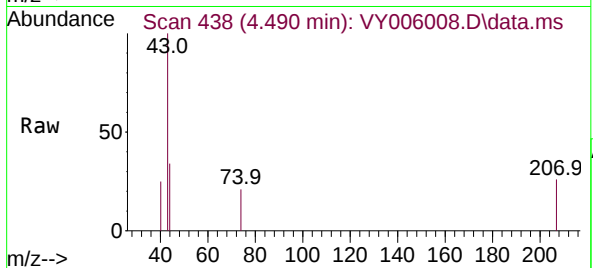
A006070RE

Tgt Ion: 43 Resp: 1271

Ion Ratio Lower Upper

43 100

74 17.2 16.6 24.8



#20

Methylene Chloride

Concen: Below Cal

RT: 4.734 min Scan# 478

Delta R.T. 0.012 min

Lab File: VY006008.D

Acq: 14 Sep 2021 15:21

Tgt Ion: 84 Resp: 2417

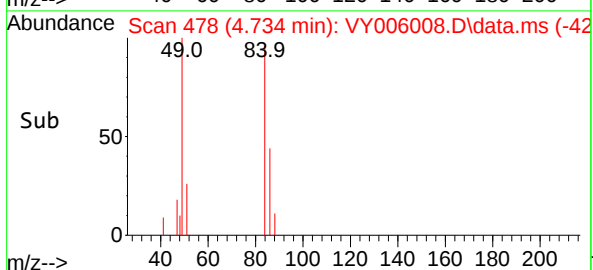
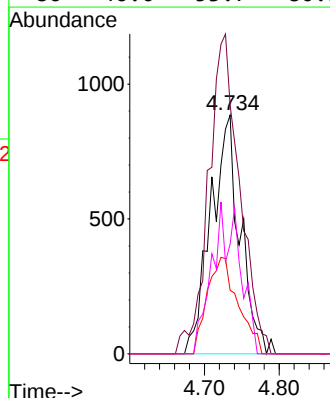
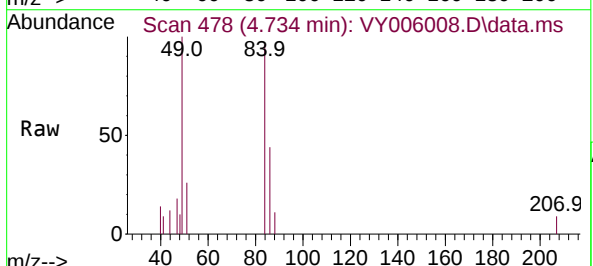
Ion Ratio Lower Upper

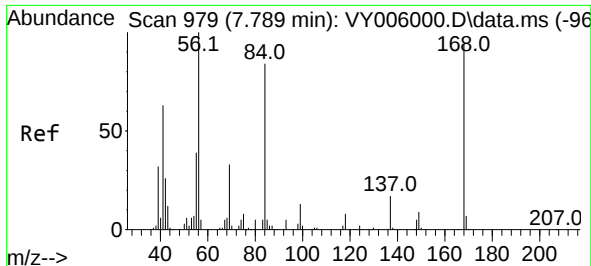
84 100

49 104.2 114.4 171.6#

51 26.7 35.3 52.9#

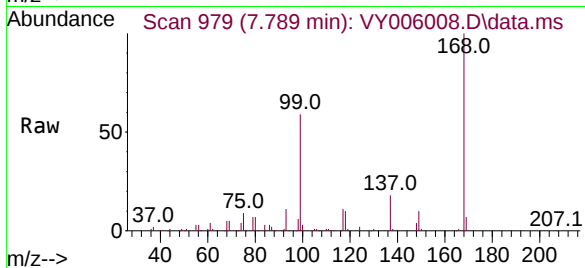
86 46.0 53.7 80.5#



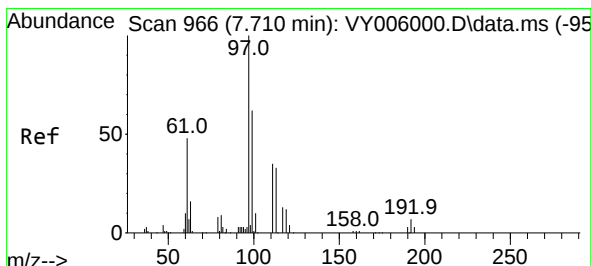
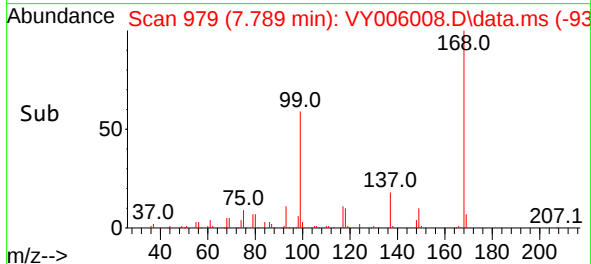
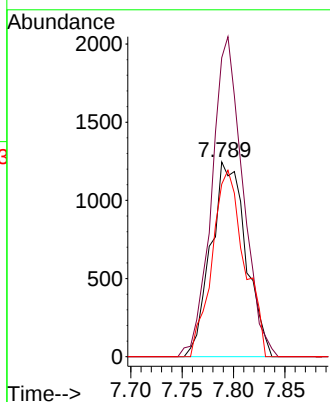


#31
Cyclohexane
Concen: 1.238 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY006008.D
Acq: 14 Sep 2021 15:21

Instrument :
MSVOA_Y
ClientSampleId :
A006070RE

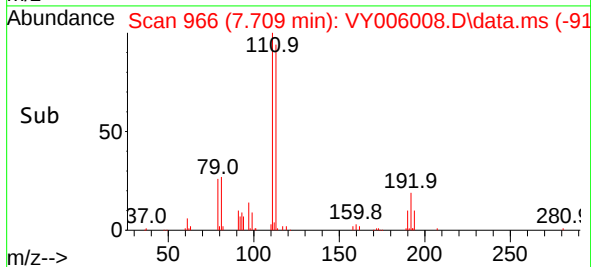
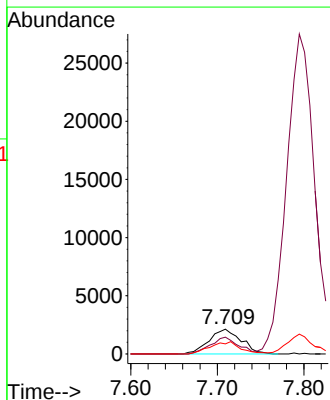
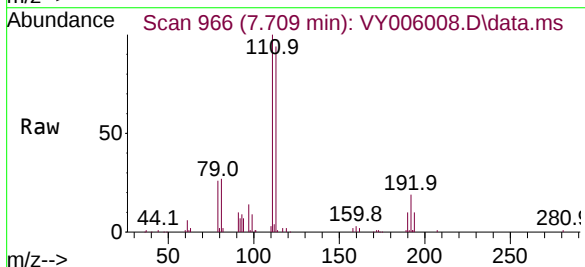


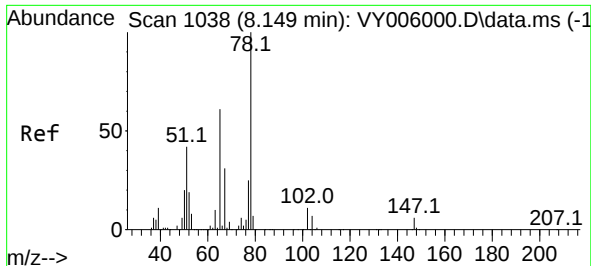
Tgt Ion	Ratio	Lower	Upper
56	100		
69	153.5	26.7	40.1#
84	88.6	67.2	100.8



#32
1,1,1-Trichloroethane
Concen: 2.554 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY006008.D
Acq: 14 Sep 2021 15:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	58.8	50.7	76.1
61	46.7	37.6	56.4

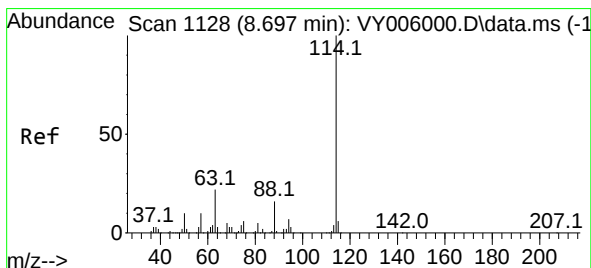
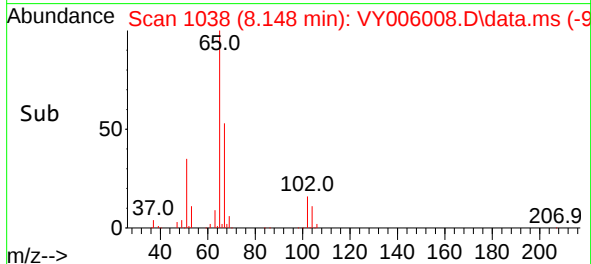
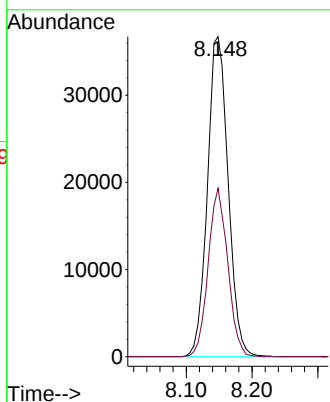
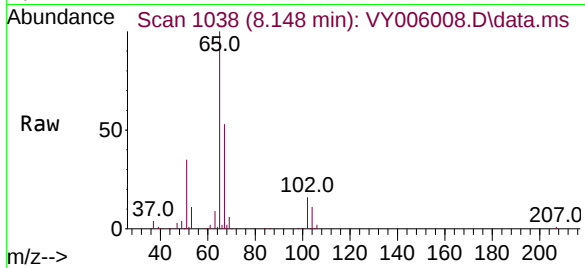




#33
 1,2-Dichloroethane-d4
 Concen: 54.219 ug/l
 RT: 8.148 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY006008.D
 Acq: 14 Sep 2021 15:21

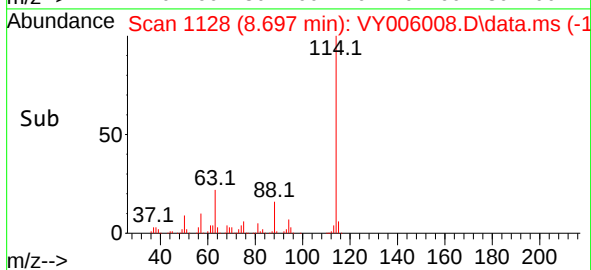
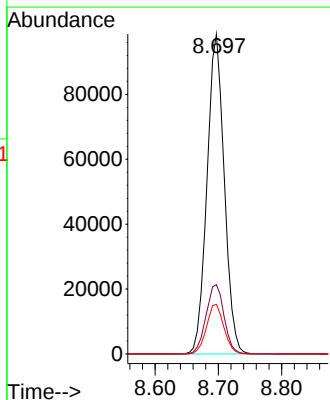
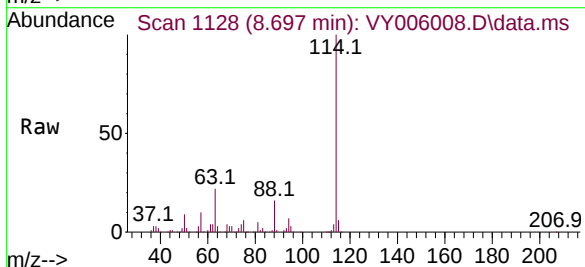
Instrument :
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 ClientSampled :
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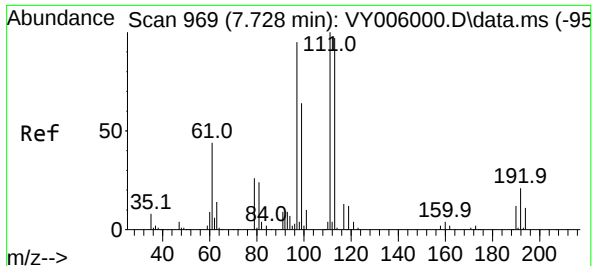
Tgt Ion: 65 Resp: 80519
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY006008.D
 Acq: 14 Sep 2021 15:21

Tgt Ion: 114 Resp: 187353
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.2
 88 15.5 0.0 31.8

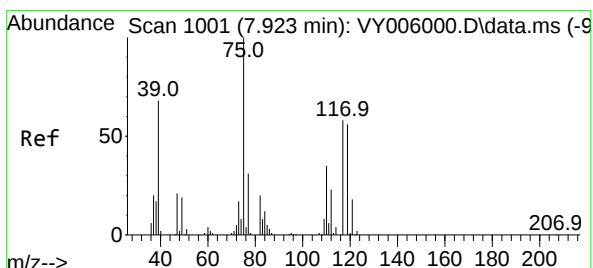
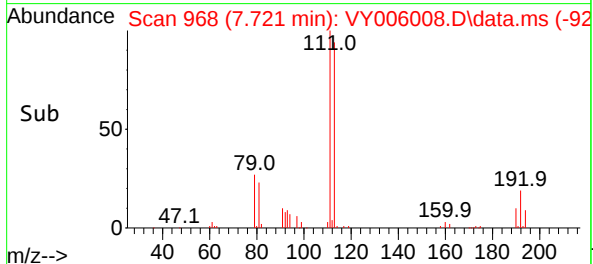
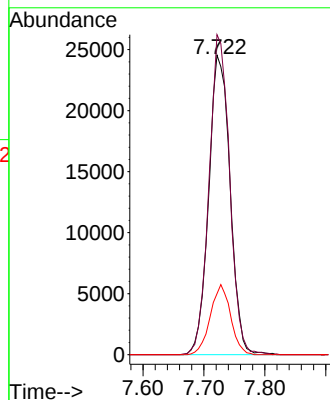
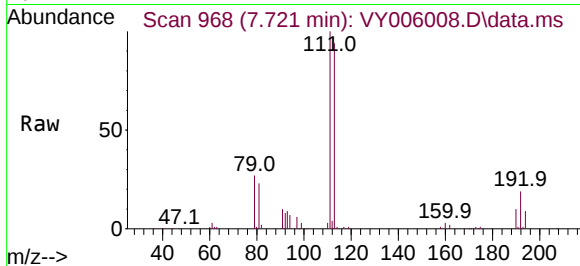




#35
Dibromofluoromethane
Concen: 51.533 ug/l
RT: 7.721 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006008.D
Acq: 14 Sep 2021 15:21

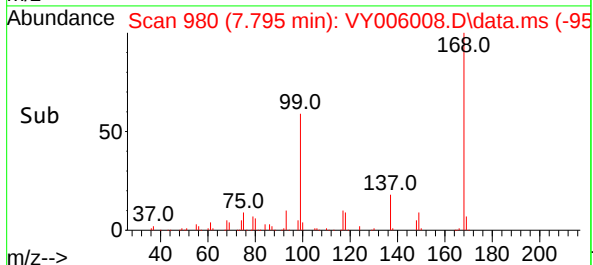
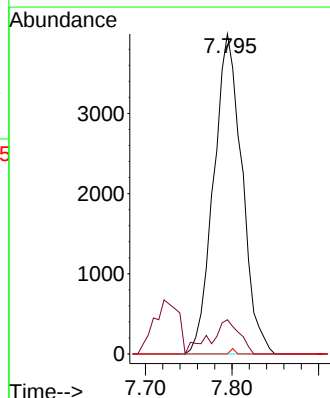
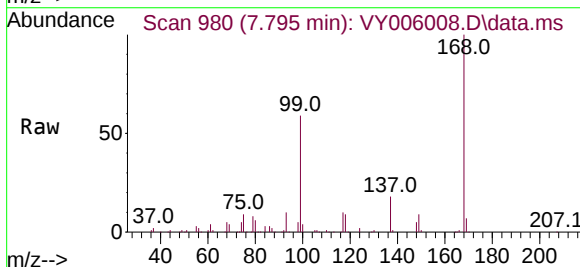
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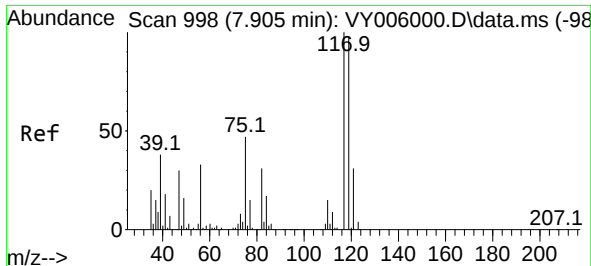
Tgt Ion:	113	Resp:	59968
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	124.0
192	22.2	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.470 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006008.D
Acq: 14 Sep 2021 15:21

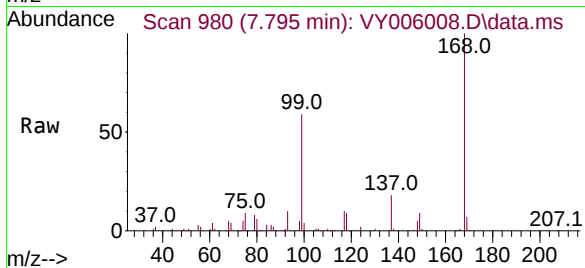
Tgt Ion:	75	Resp:	9040
Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.1	51.2#
77	0.3	24.4	36.6#



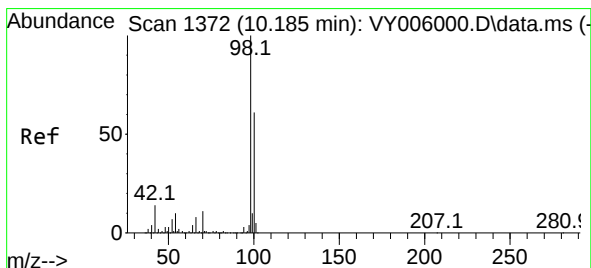
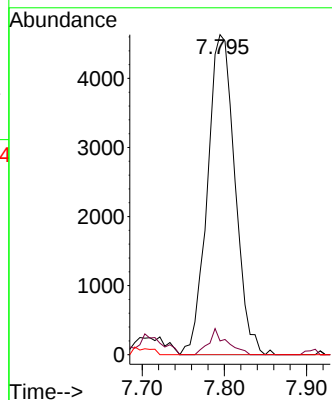
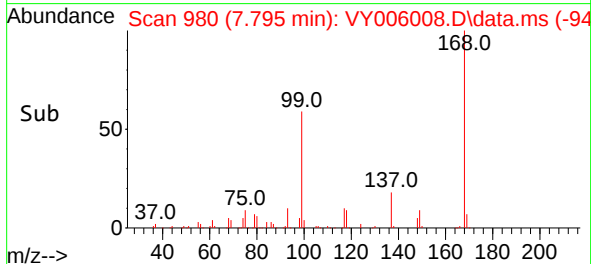


#38
Carbon Tetrachloride
Concen: 4.893 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006008.D
Acq: 14 Sep 2021 15:21

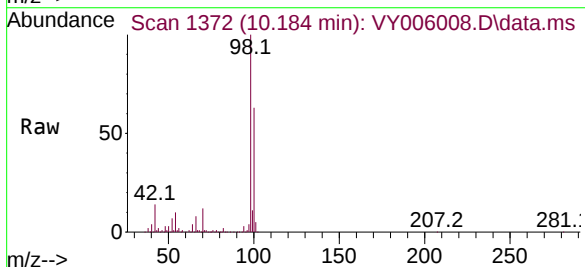
Instrument :
MSVOA_Y
ClientSampleId :
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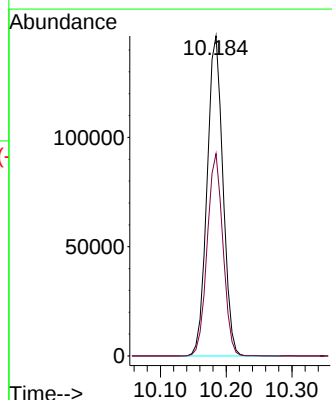
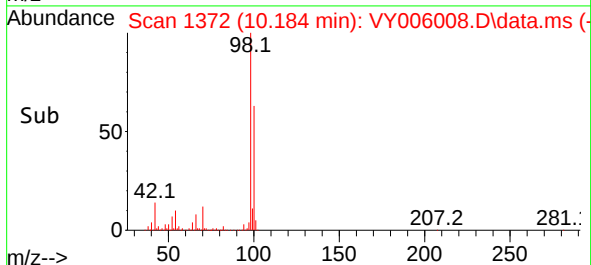
Tgt Ion: 117 Resp: 10771
Ion Ratio Lower Upper
117 100
119 4.3 77.9 116.9#
121 0.0 24.8 37.2#

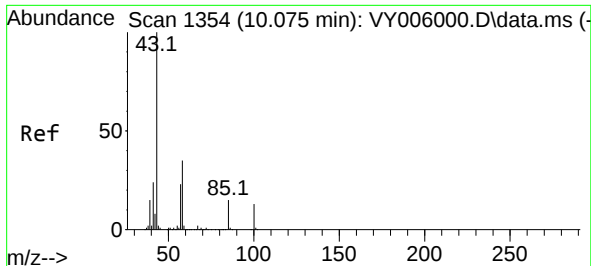


#50
Toluene-d8
Concen: 49.407 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006008.D
Acq: 14 Sep 2021 15:21



Tgt Ion: 98 Resp: 245044
Ion Ratio Lower Upper
98 100
100 62.9 50.2 75.2

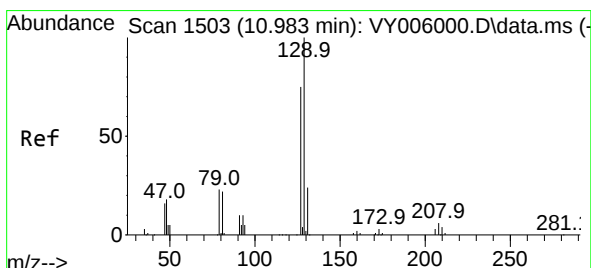
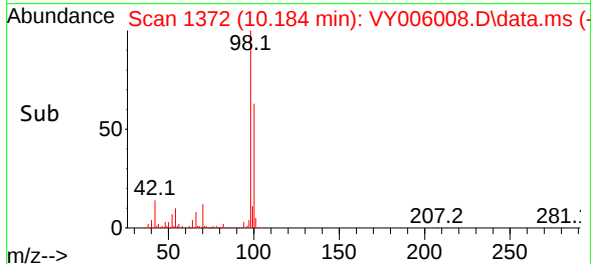
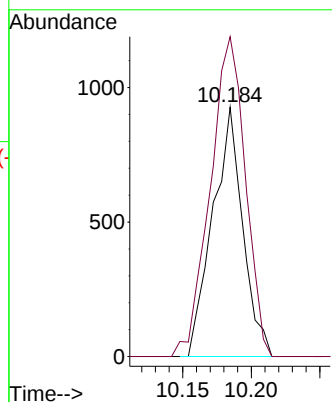
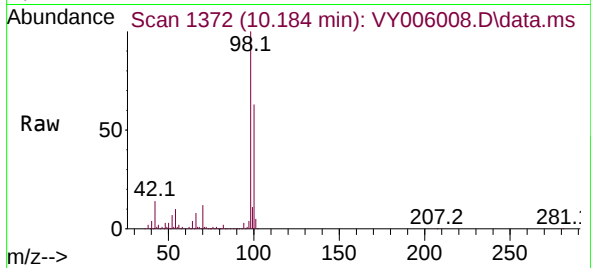




#51
4-Methyl-2-Pentanone
Concen: 1.020 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. 0.109 min
Lab File: VY006008.D
Acq: 14 Sep 2021 15:21

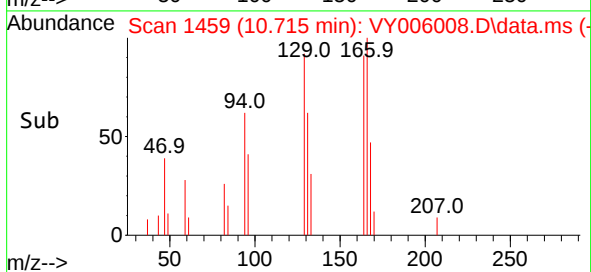
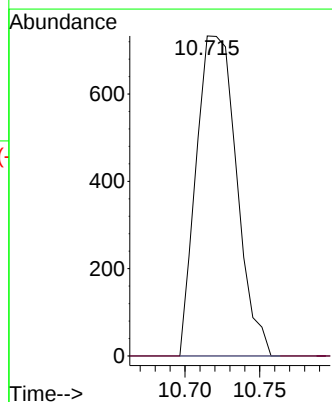
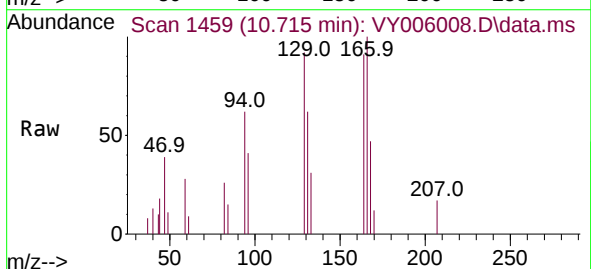
Instrument :
MSVOA_Y
ClientSampled :
A006070RE

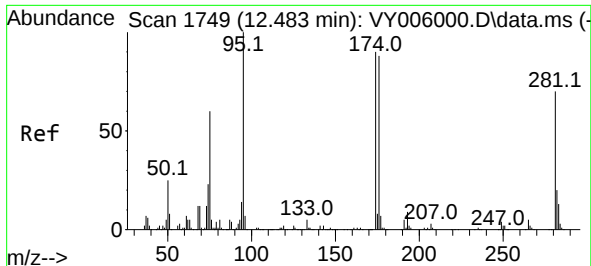
Tgt Ion: 43 Resp: 1415
Ion Ratio Lower Upper
43 100
58 150.0 28.1 42.1#



#60
Dibromochloromethane
Concen: 1.044 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.269 min
Lab File: VY006008.D
Acq: 14 Sep 2021 15:21

Tgt Ion: 129 Resp: 1374
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#

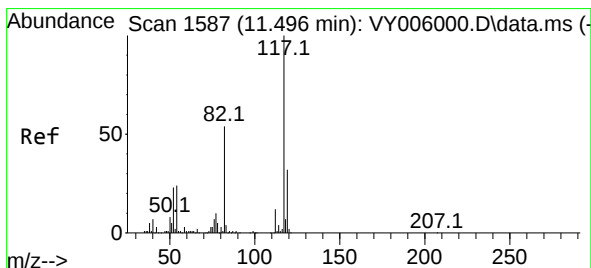
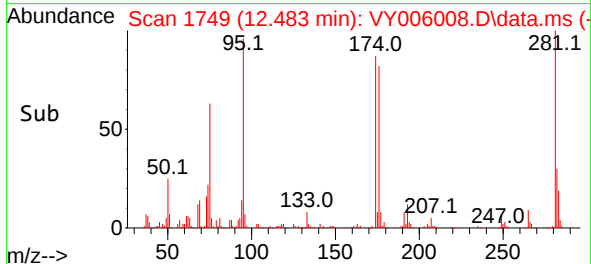
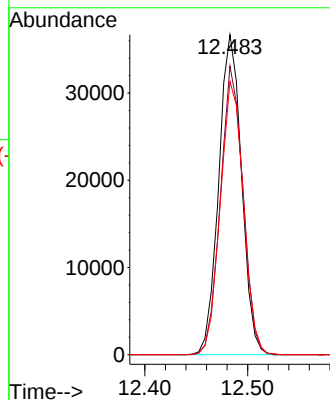
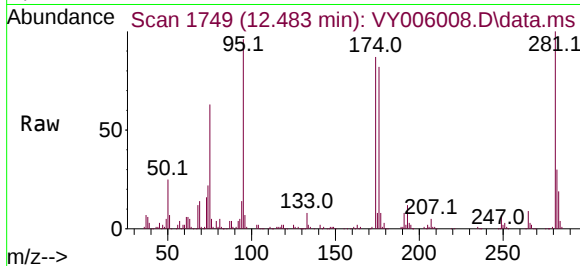




#62
4-Bromofluorobenzene
Concen: 33.548 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006008.D
Acq: 14 Sep 2021 15:21

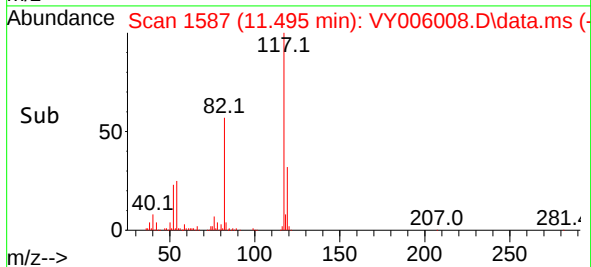
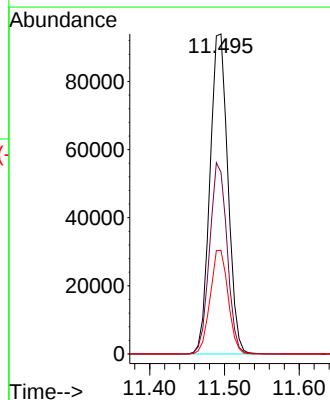
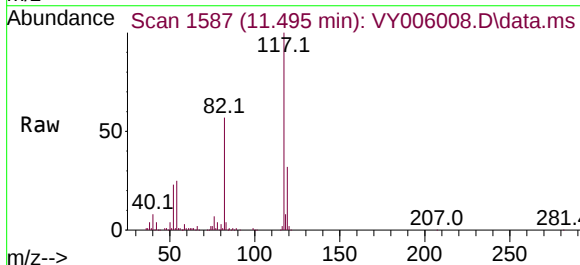
Instrument :
MSVOA_Y
ClientSampleId :
A006070RE

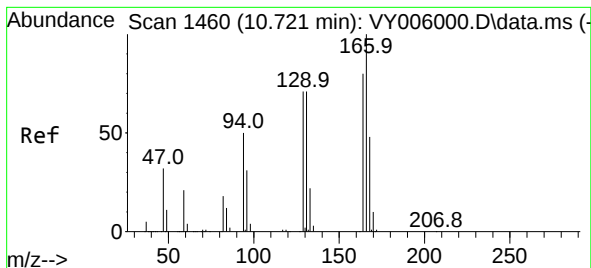
Tgt Ion:	95	Resp:	56491
Ion Ratio	Lower	Upper	
95	100		
174	89.0	0.0	177.0
176	86.7	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006008.D
Acq: 14 Sep 2021 15:21

Tgt Ion:	117	Resp:	156722
Ion Ratio	Lower	Upper	
117	100		
82	56.8	43.0	64.4
119	32.4	25.4	38.0

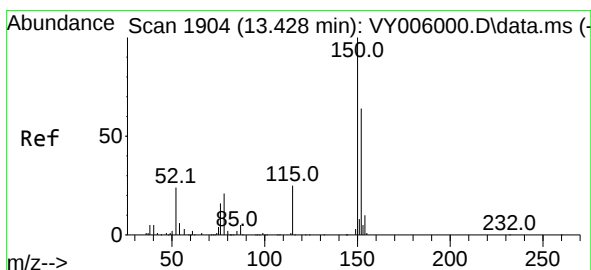
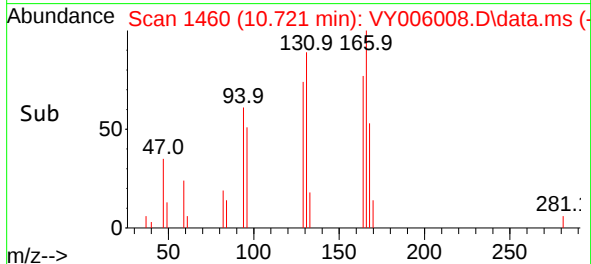
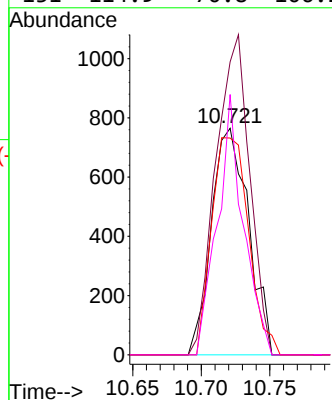
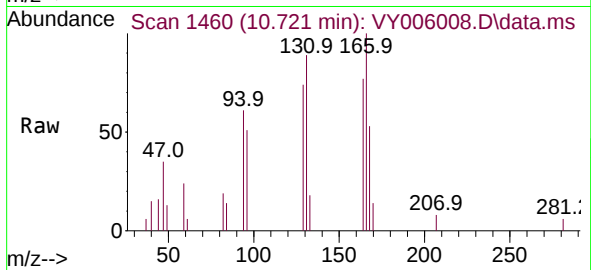




#64
Tetrachloroethene
Concen: 1.121 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006008.D
Acq: 14 Sep 2021 15:21

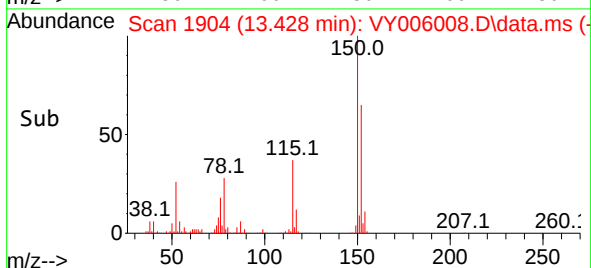
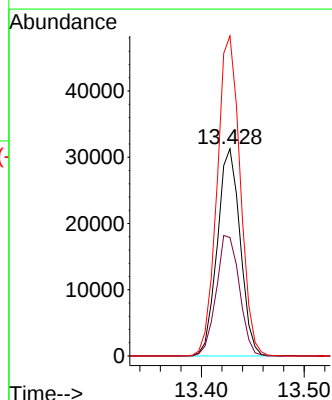
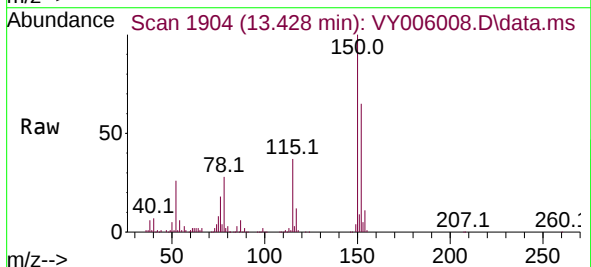
Instrument :
MSVOA_Y
ClientSampled :
A006070RE

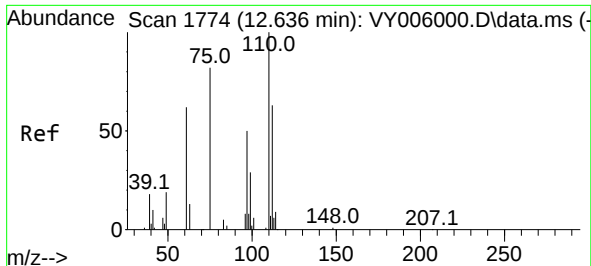
Tgt Ion:	164	Resp:	1437
Ion	Ratio	Lower	Upper
164	100		
166	129.3	100.4	150.6
129	95.7	71.4	107.0
131	114.9	70.8	106.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006008.D
Acq: 14 Sep 2021 15:21

Tgt Ion:	152	Resp:	48250
Ion	Ratio	Lower	Upper
152	100		
115	59.0	28.2	84.7
150	155.8	0.0	347.6

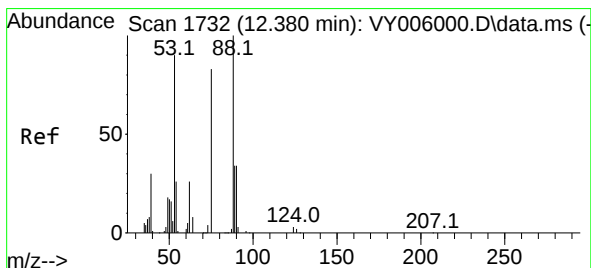
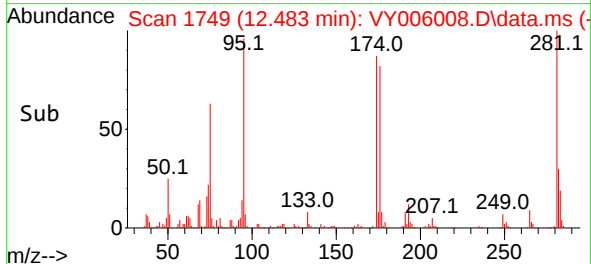
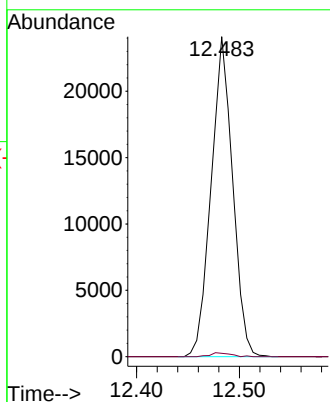
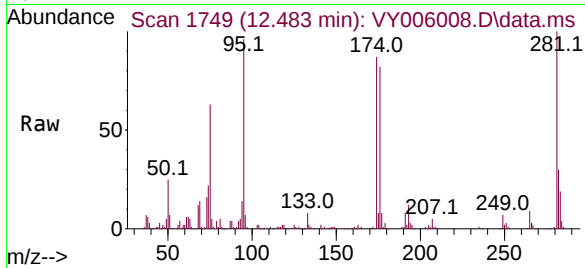




#76
1,2,3-Trichloropropane
Concen: 68.047 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006008.D
Acq: 14 Sep 2021 15:21

Instrument :
MSVOA_Y
ClientSampled :
A006070RE

Tgt Ion: 75 Resp: 35006
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.106 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY006008.D
Acq: 14 Sep 2021 15:21

Tgt Ion: 75 Resp: 35006
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 1.2 37.0 55.4#

