

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042321\
 Data File : VY004597.D
 Acq On : 23 Apr 2021 11:52
 Operator : SY/MD
 Sample : VY0423SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0423SBL01

Quant Time: Apr 26 08:26:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

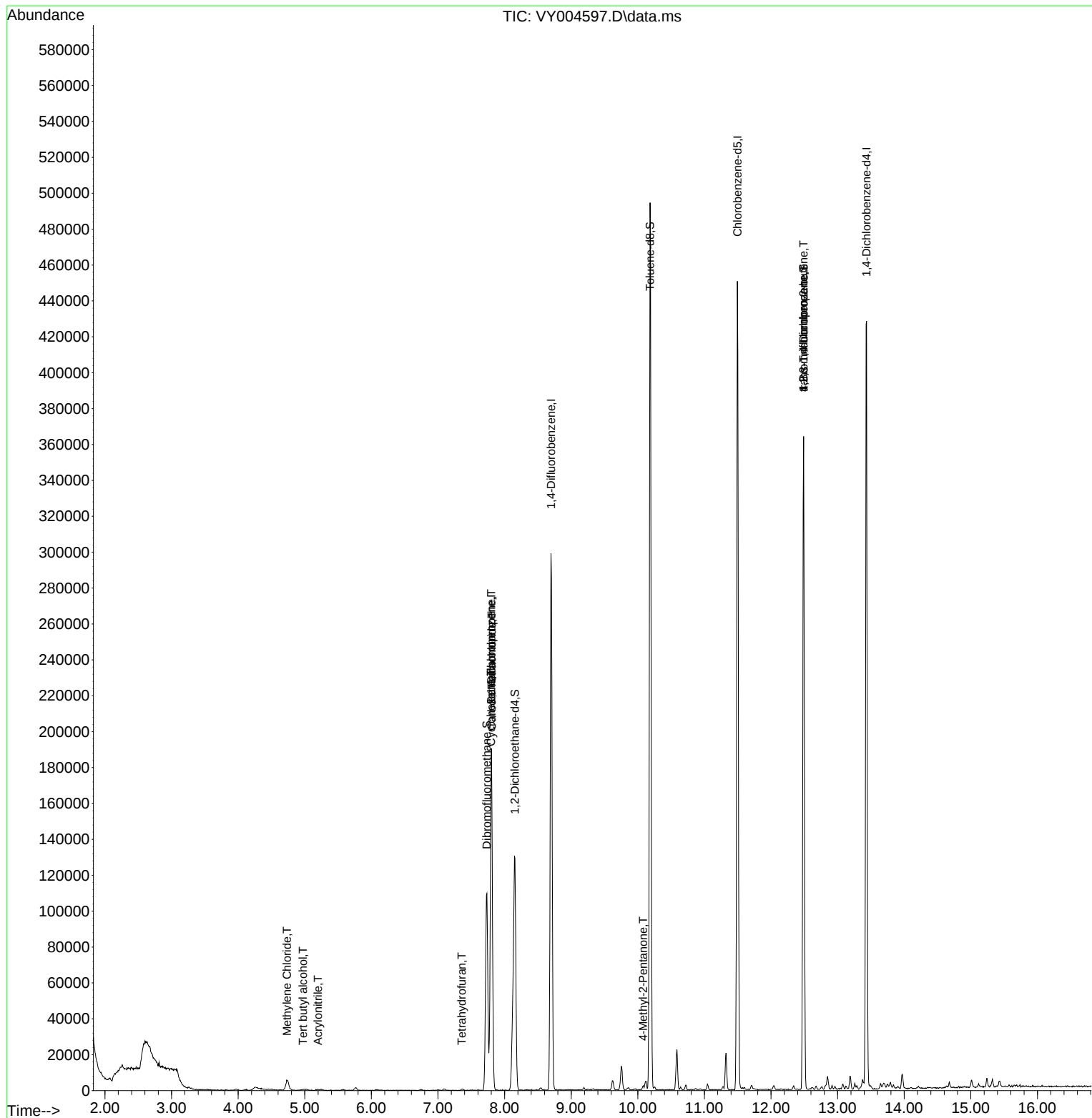
Internal Standards						
1) Pentafluorobenzene	7.801	168	140849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	244347	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	228611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	101722	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	92403	59.05	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.10%
35) Dibromofluoromethane	7.734	113	77708	57.31	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.62%
50) Toluene-d8	10.184	98	303887	52.69	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.38%
62) 4-Bromofluorobenzene	12.489	95	101318	51.76	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.52%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	567	3.68	ug/l #	73
15) Acrylonitrile	5.198	53	499	1.10	ug/l #	79
16) Acetone	3.966	43	1073	Below Cal	#	79
20) Methylene Chloride	4.734	84	3910	2.59	ug/l #	88
29) Tetrahydrofuran	7.356	42	521	1.22	ug/l #	80
31) Cyclohexane	7.795	56	3625	1.26	ug/l #	34
36) 1,1-Dichloropropene	7.801	75	11767	4.85	ug/l #	50
38) Carbon Tetrachloride	7.807	117	14006	6.67	ug/l #	16
51) 4-Methyl-2-Pentanone	10.081	43	2195	1.44	ug/l #	81
76) 1,2,3-Trichloropropane	12.489	75	57086	52.29	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	57086	93.54	ug/l #	12

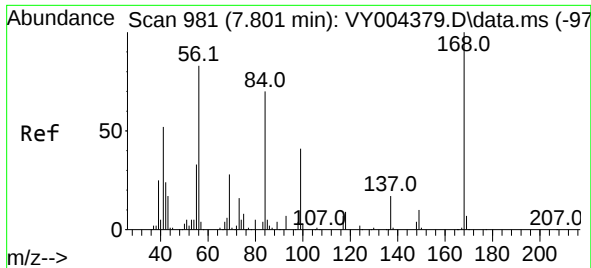
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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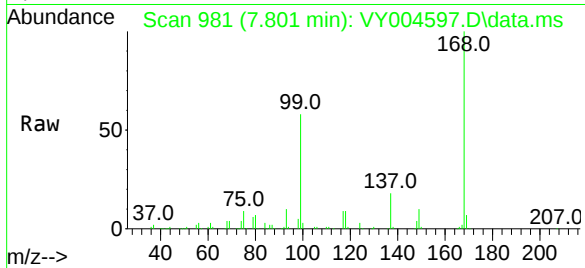
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
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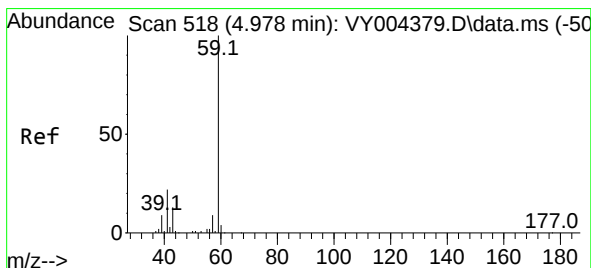
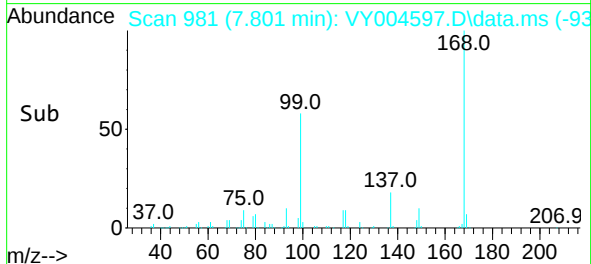
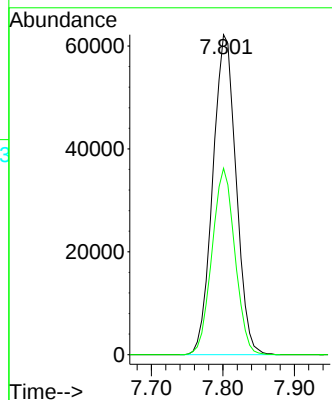


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004597.D
Acq: 23 Apr 2021 11:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBL01

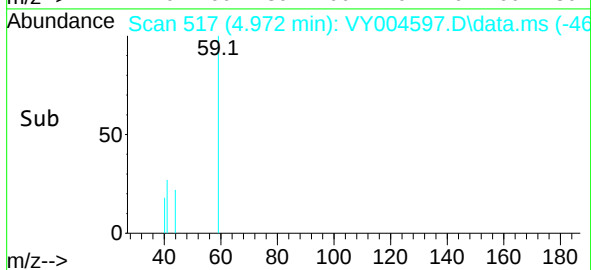
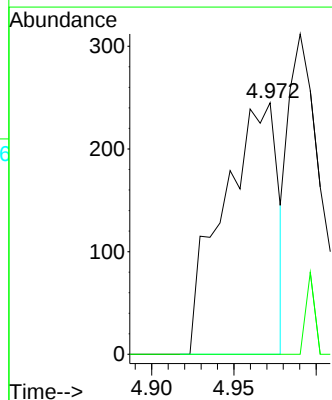
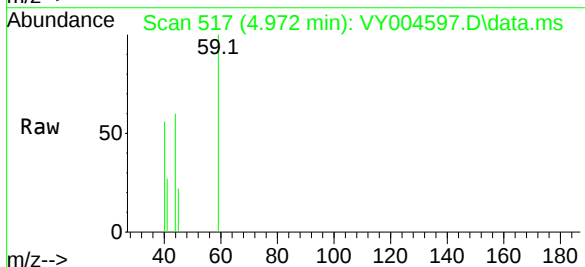


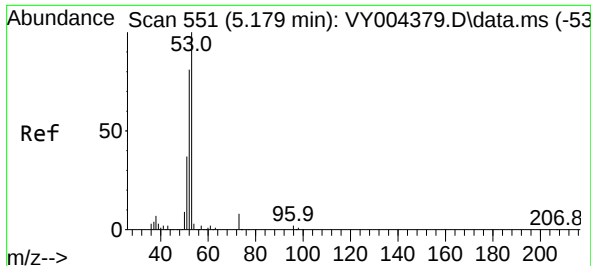
Tgt Ion:168 Resp: 140849
Ion Ratio Lower Upper
168 100
99 58.3 45.5 68.3



#11
Tert butyl alcohol
Concen: 3.68 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004597.D
Acq: 23 Apr 2021 11:52

Tgt Ion: 59 Resp: 567
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

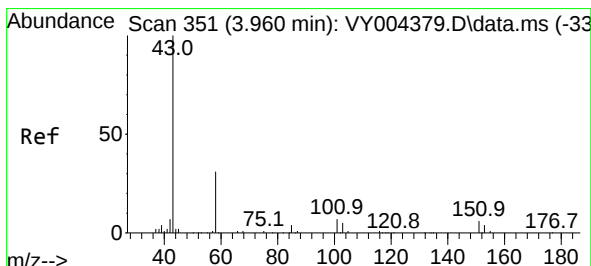
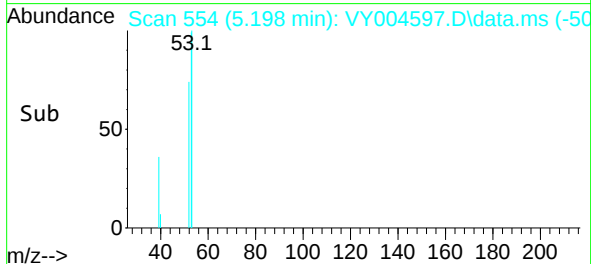
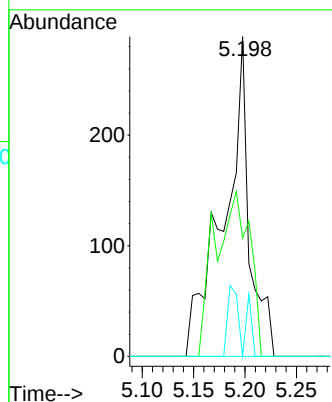
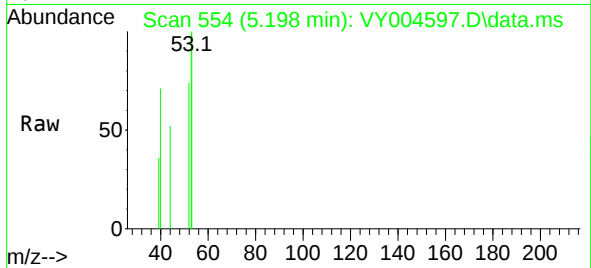




#15
Acrylonitrile
Concen: 1.10 ug/l
RT: 5.198 min Scan# 554
Delta R.T. 0.018 min
Lab File: VY004597.D
Acq: 23 Apr 2021 11:52

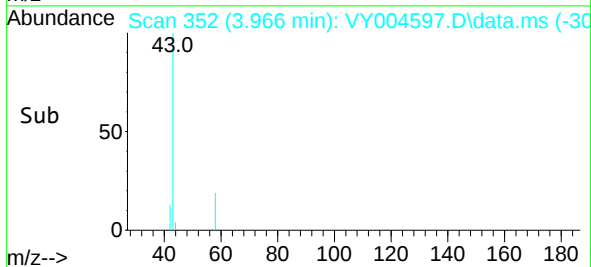
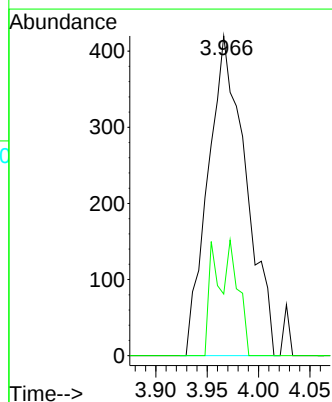
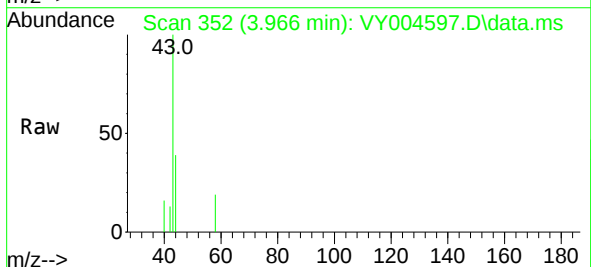
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBL01

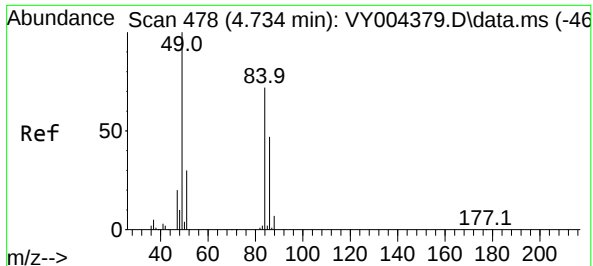
Tgt Ion: 53 Resp: 499
Ion Ratio Lower Upper
53 100
52 70.3 64.9 97.3
51 12.8 29.3 43.9#



#16
Acetone
Concen: Below Cal
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004597.D
Acq: 23 Apr 2021 11:52

Tgt Ion: 43 Resp: 1073
Ion Ratio Lower Upper
43 100
58 19.3 24.6 37.0#





#20

Methylene Chloride

Concen: 2.59 ug/l

RT: 4.734 min Scan# 478

Delta R.T. -0.000 min

Lab File: VY004597.D

Acq: 23 Apr 2021 11:52

Tgt Ion: 84 Resp: 3910

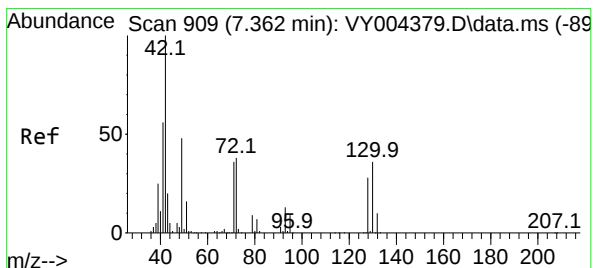
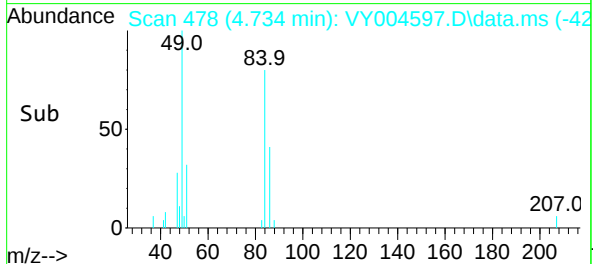
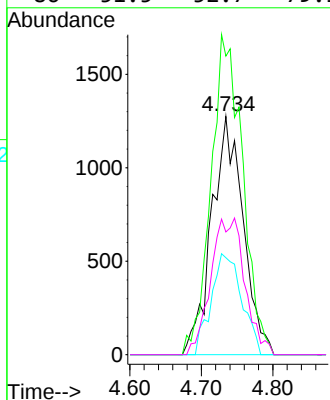
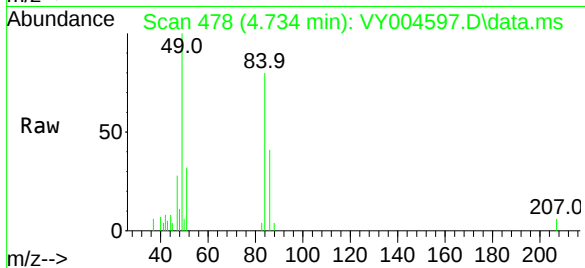
Ion Ratio Lower Upper

84 100

49 125.3 111.2 166.8

51 40.7 33.4 50.2

86 51.5 52.7 79.1#



#29

Tetrahydrofuran

Concen: 1.22 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY004597.D

Acq: 23 Apr 2021 11:52

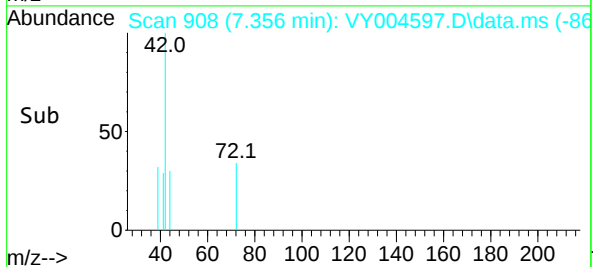
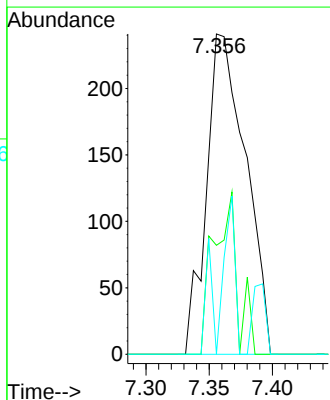
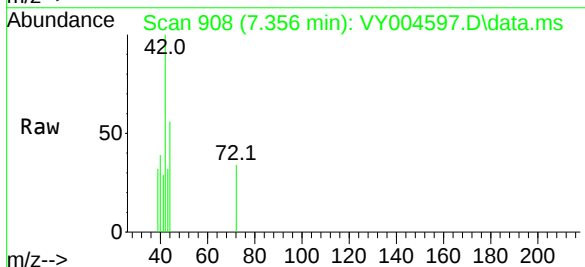
Tgt Ion: 42 Resp: 521

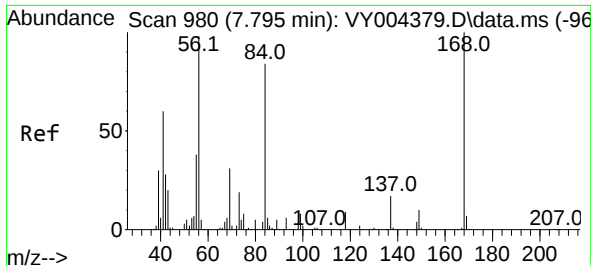
Ion Ratio Lower Upper

42 100

72 30.7 31.0 46.4#

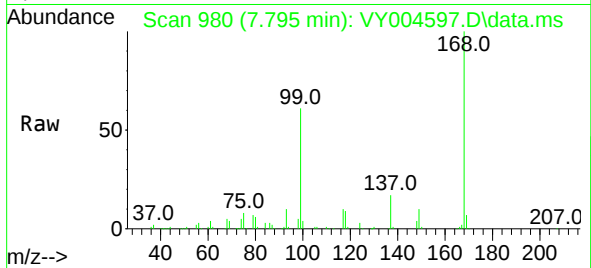
71 19.6 28.8 43.2#



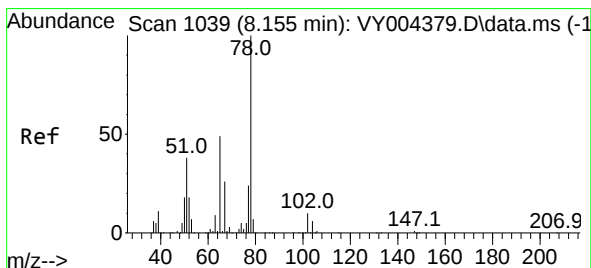
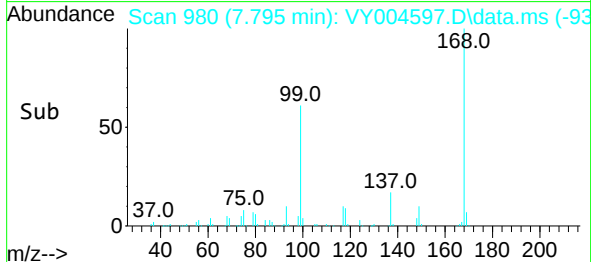
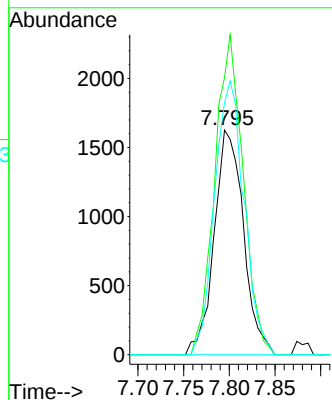


#31
Cyclohexane
Concen: 1.26 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004597.D
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VY0423SBL01

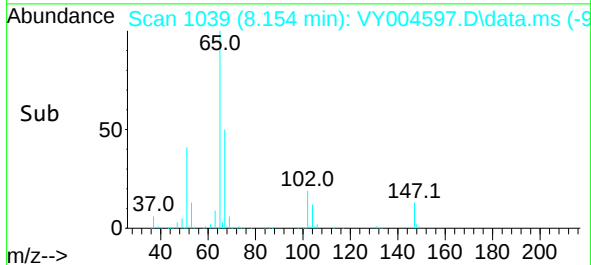
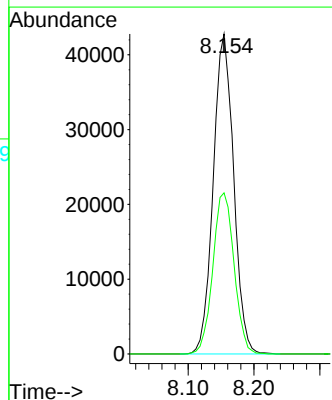
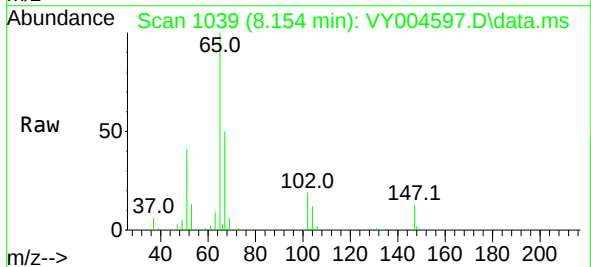


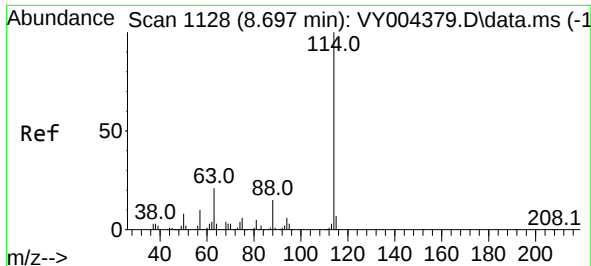
Tgt Ion: 56 Resp: 3625
Ion Ratio Lower Upper
56 100
69 123.4 25.8 38.6#
84 112.1 68.2 102.4#



#33
1,2-Dichloroethane-d4
Concen: 59.05 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004597.D
Acq: 23 Apr 2021 11:52

Tgt Ion: 65 Resp: 92403
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.4

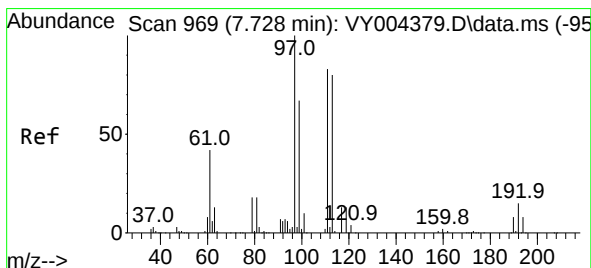
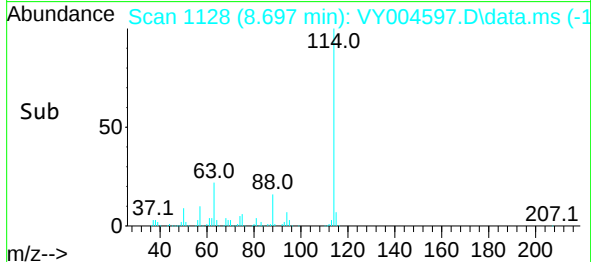
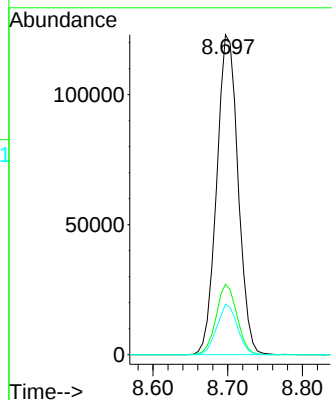
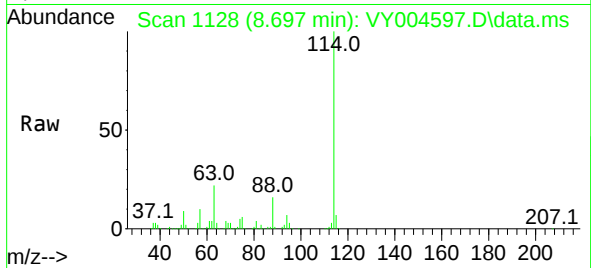




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004597.D
Acq: 23 Apr 2021 11:52

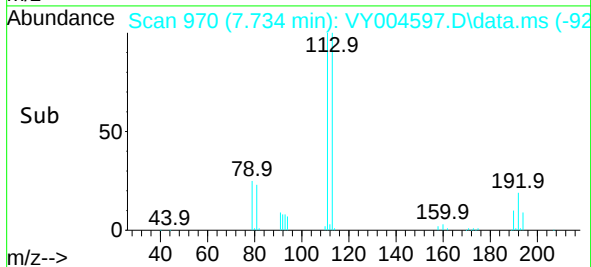
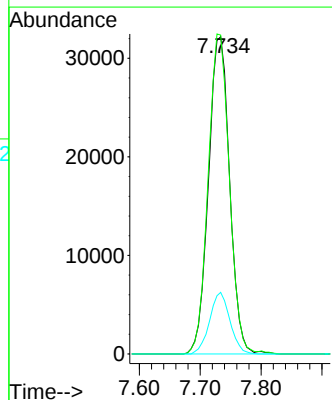
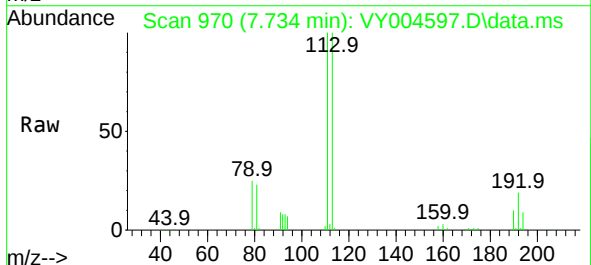
Instrument :
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ClientSampleId :
VY0423SBL01

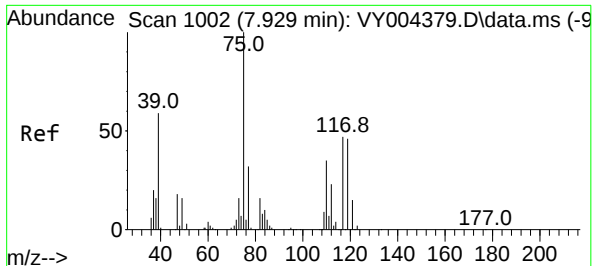
Tgt Ion:	114	Resp:	244347
Ion Ratio	Lower	Upper	
114	100		
63	22.1	0.0	42.4
88	15.7	0.0	30.8



#35
Dibromofluoromethane
Concen: 57.31 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004597.D
Acq: 23 Apr 2021 11:52

Tgt Ion:	113	Resp:	77708
Ion Ratio	Lower	Upper	
113	100		
111	101.0	82.6	123.8
192	18.7	16.1	24.1

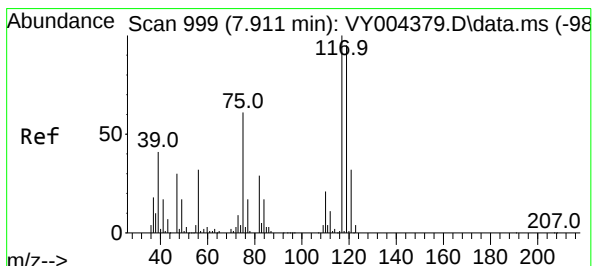
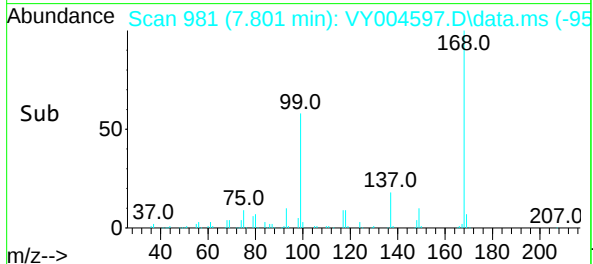
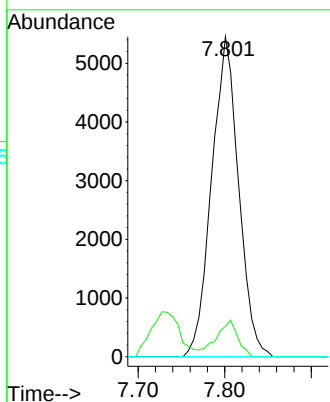
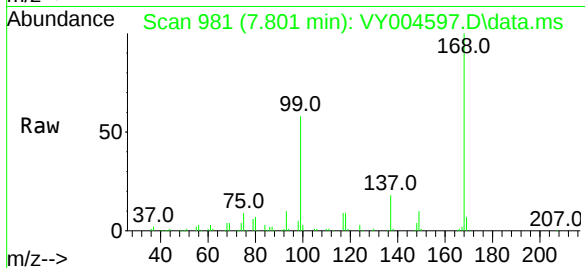




#36
1,1-Dichloropropene
Concen: 4.85 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004597.D
Acq: 23 Apr 2021 11:52

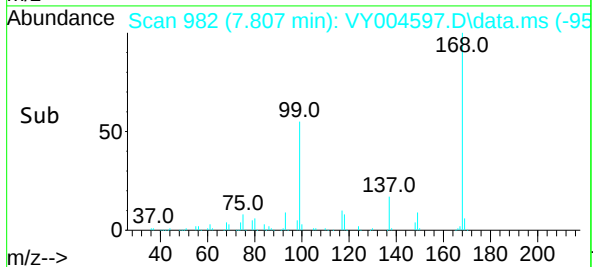
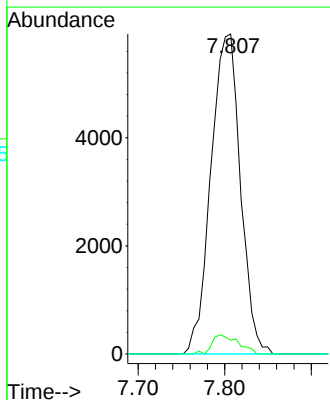
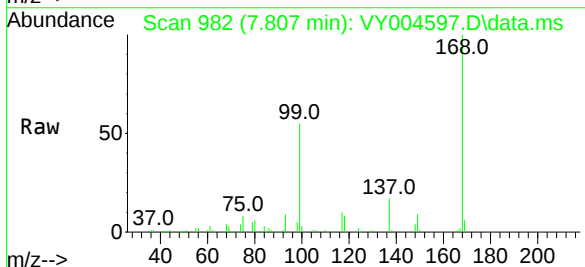
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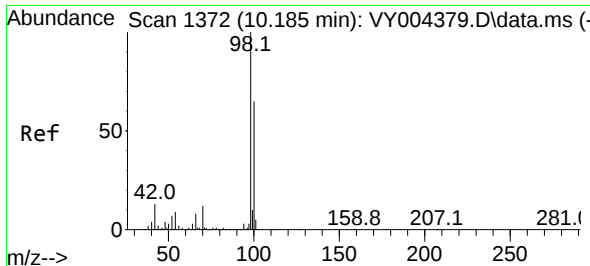
Tgt Ion:	75	Resp:	11767
Ion Ratio	Lower	Upper	
75	100		
110	9.1	17.3	51.7#
77	0.0	24.3	36.5#



#38
Carbon Tetrachloride
Concen: 6.67 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.104 min
Lab File: VY004597.D
Acq: 23 Apr 2021 11:52

Tgt Ion:	117	Resp:	14006
Ion Ratio	Lower	Upper	
117	100		
119	4.3	75.8	113.8#
121	0.0	25.3	37.9#

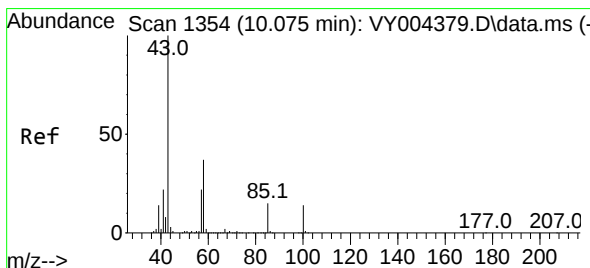
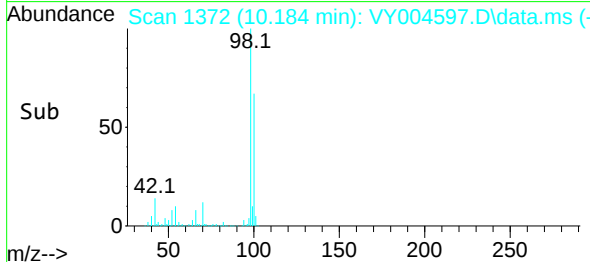
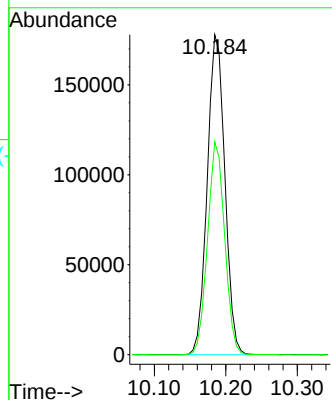
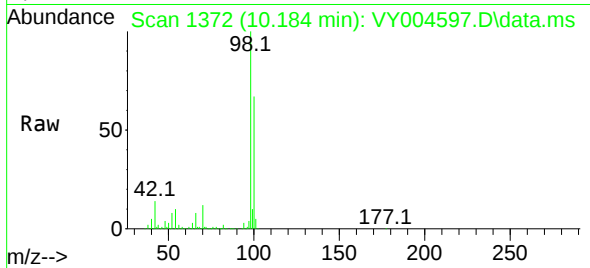




#50
Toluene-d8
Concen: 52.69 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004597.D
Acq: 23 Apr 2021 11:52

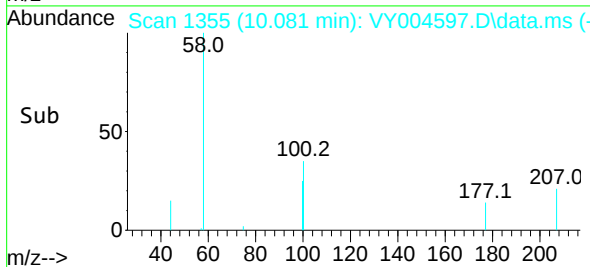
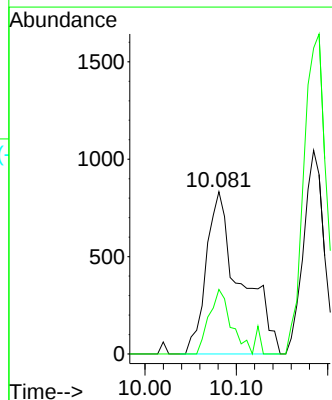
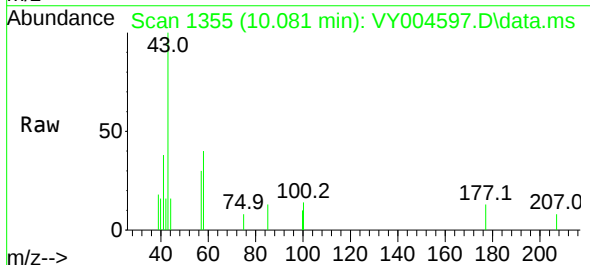
Instrument :
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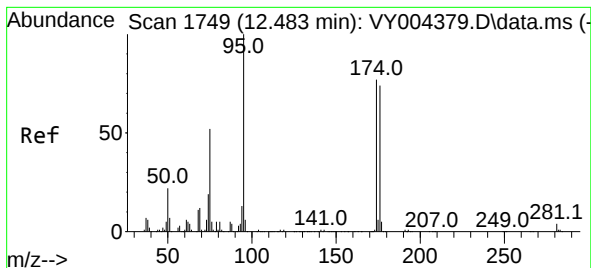
Tgt Ion: 98 Resp: 303887
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.44 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY004597.D
Acq: 23 Apr 2021 11:52

Tgt Ion: 43 Resp: 2195
Ion Ratio Lower Upper
43 100
58 25.1 29.2 43.8#

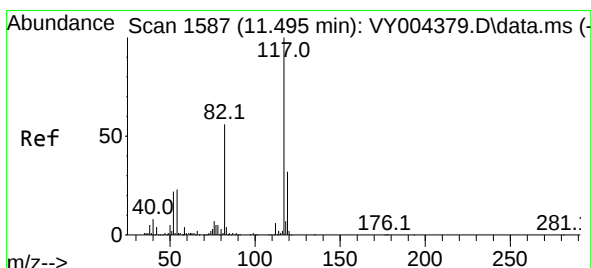
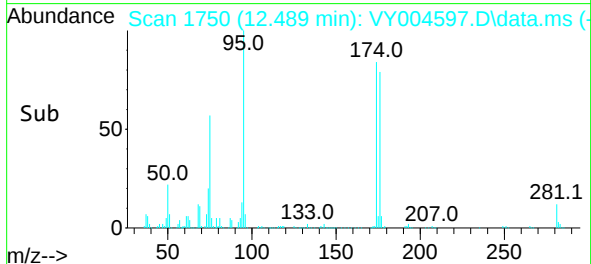
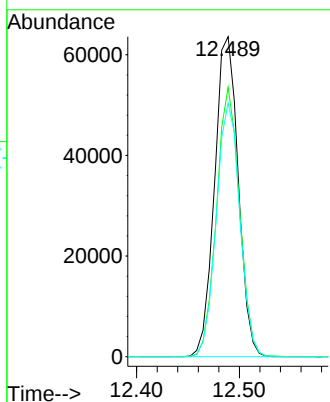
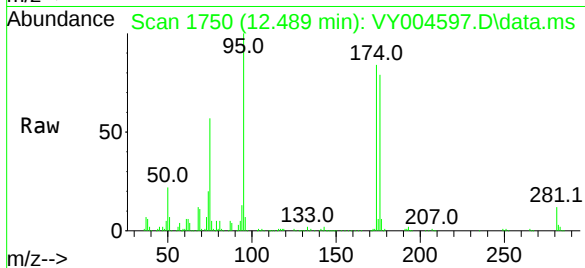




#62
4-Bromofluorobenzene
Concen: 51.76 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004597.D
Acq: 23 Apr 2021 11:52

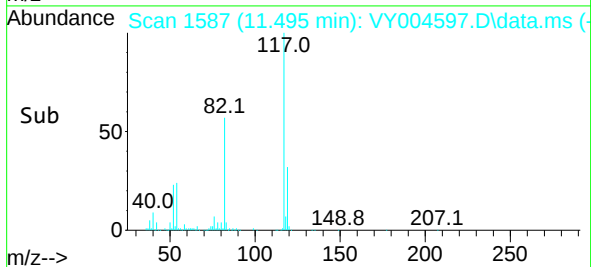
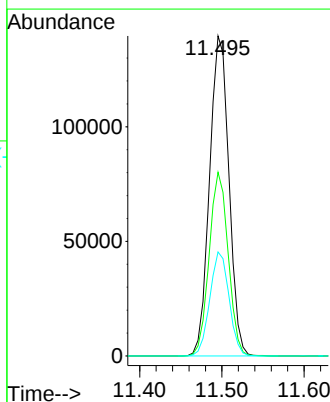
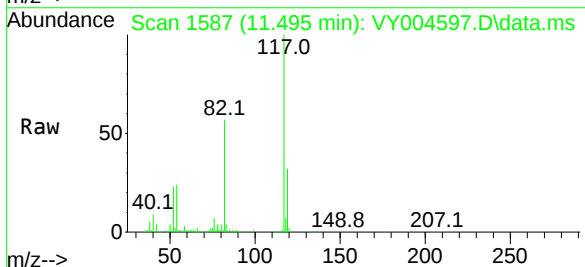
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBL01

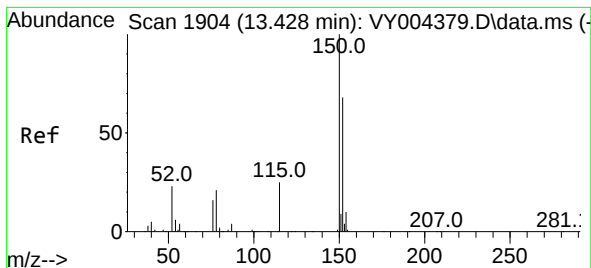
Tgt Ion: 95 Resp: 101318
Ion Ratio Lower Upper
95 100
174 82.0 0.0 162.4
176 79.2 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004597.D
Acq: 23 Apr 2021 11:52

Tgt Ion: 117 Resp: 228611
Ion Ratio Lower Upper
117 100
82 57.4 44.9 67.3
119 32.5 25.4 38.0

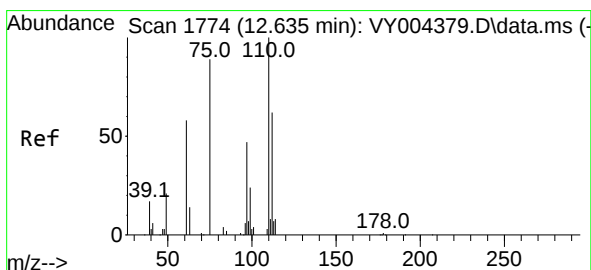
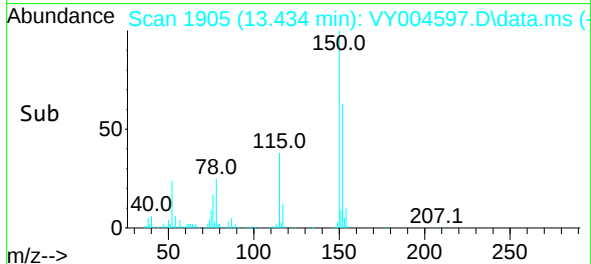
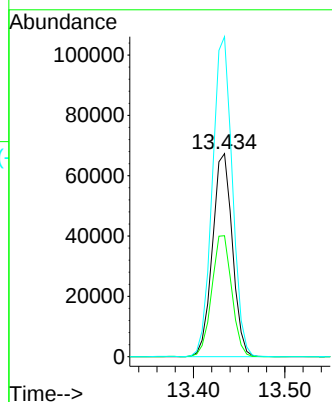
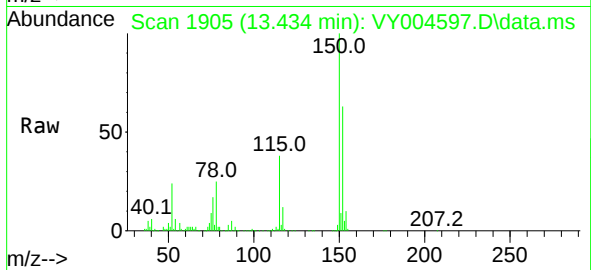




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY004597.D
Acq: 23 Apr 2021 11:52

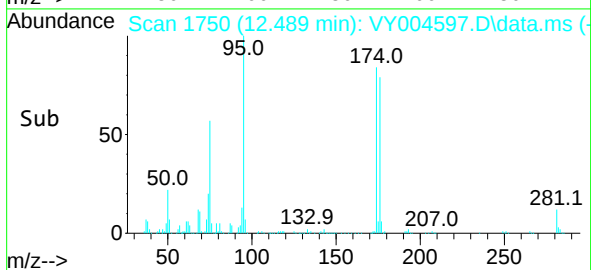
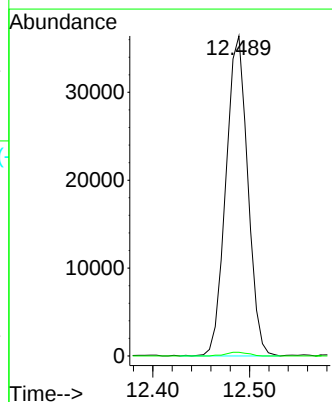
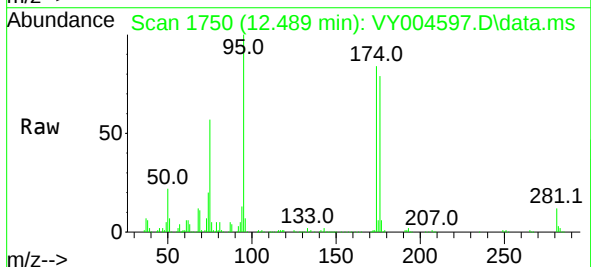
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBL01

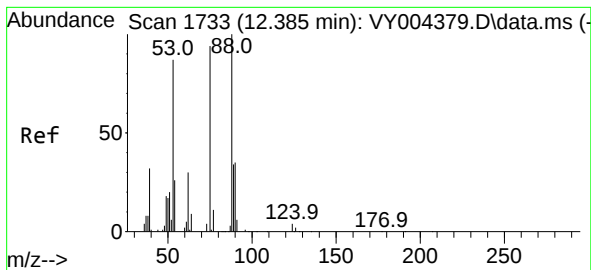
Tgt Ion:152 Resp: 101722
Ion Ratio Lower Upper
152 100
115 59.8 29.6 88.8
150 157.9 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 52.29 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY004597.D
Acq: 23 Apr 2021 11:52

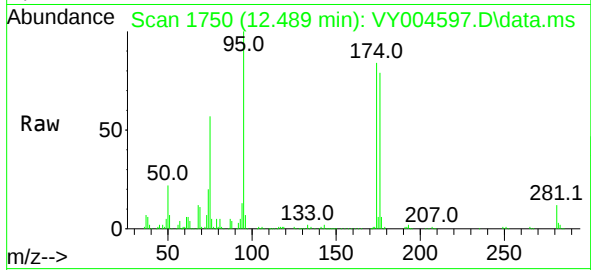
Tgt Ion: 75 Resp: 57086
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 93.54 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY004597.D
Acq: 23 Apr 2021 11:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBL01



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.0	112.6#
89	0.2	36.1	54.1#

