

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092321\
 Data File : VY006116.D
 Acq On : 23 Sep 2021 11:38
 Operator : SY/MD
 Sample : VY0923SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBL01

Quant Time: Sep 24 07:26:33 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)

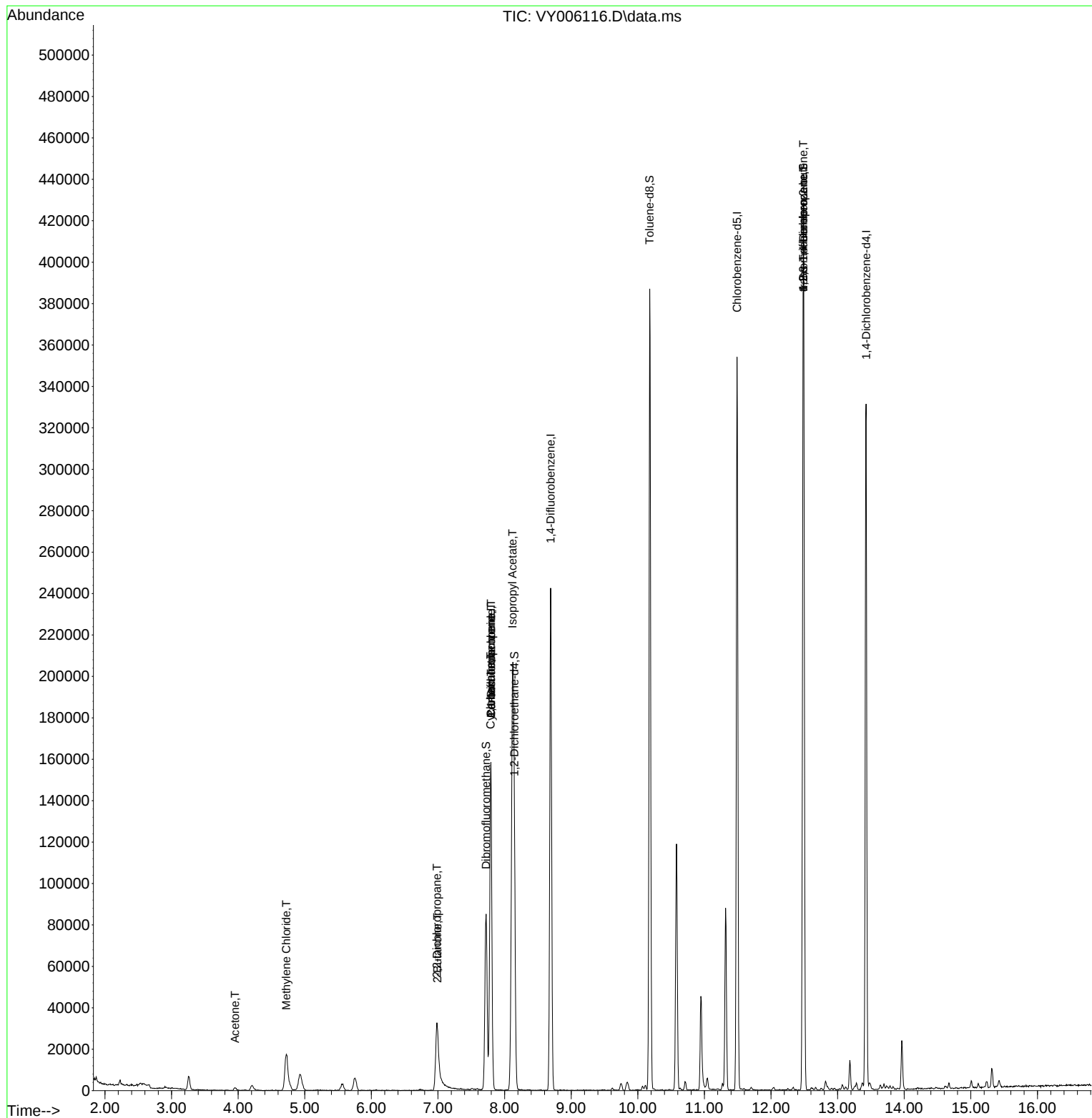
Internal Standards						
1) Pentafluorobenzene	7.795	168	122945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	196074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	182706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	79222	46.389	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.780%		
35) Dibromofluoromethane	7.722	113	56742	46.592	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.180%		
50) Toluene-d8	10.179	98	242056	46.634	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.260%		
62) 4-Bromofluorobenzene	12.483	95	77314	43.872	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	87.740%		
Target Compounds						
11) Tert butyl alcohol	4.930	59	8167	Below Cal	#	78
16) Acetone	3.954	43	2371	5.062	ug/l #	85
20) Methylene Chloride	4.722	84	12482	4.291	ug/l	91
25) 2-Butanone	6.990	43	2209	3.422	ug/l #	74
26) 2,2-Dichloropropane	6.984	77	2651	1.073	ug/l #	55
31) Cyclohexane	7.789	56	2844	1.040	ug/l #	12
36) 1,1-Dichloropropene	7.795	75	9592	4.532	ug/l #	51
38) Carbon Tetrachloride	7.795	117	11146	4.838	ug/l #	15
43) Isopropyl Acetate	8.118	43	4794	1.760	ug/l #	5
76) 1,2,3-Trichloropropane	12.483	75	44676	49.504	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44676	91.014	ug/l #	8

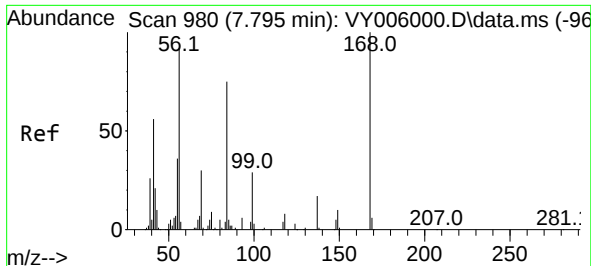
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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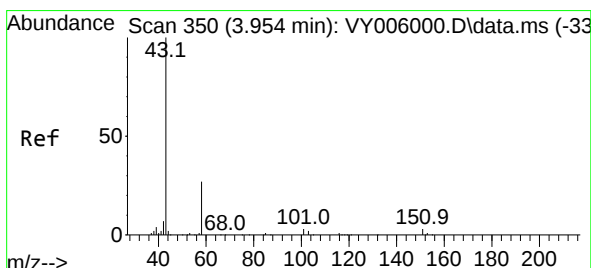
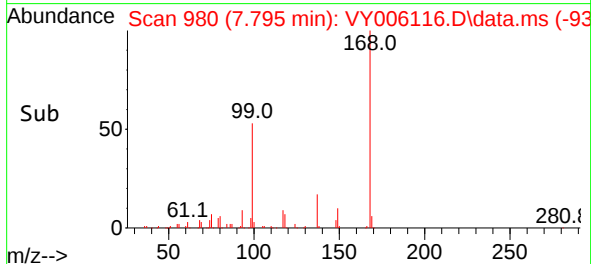
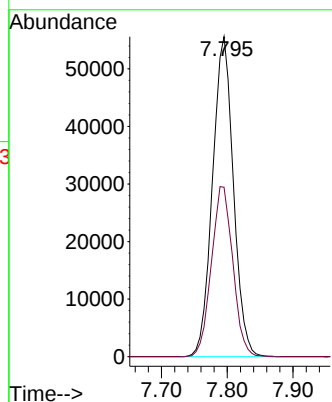
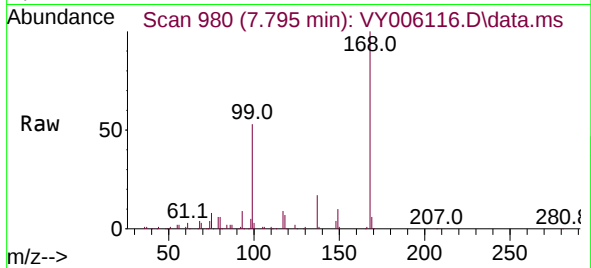




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006116.D
Acq: 23 Sep 2021 11:38

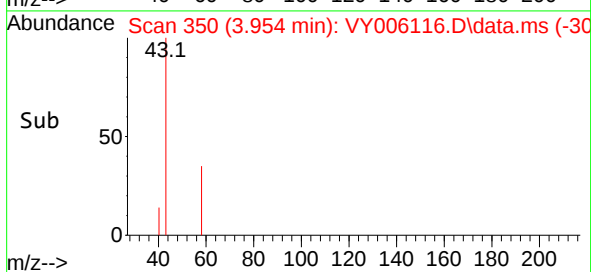
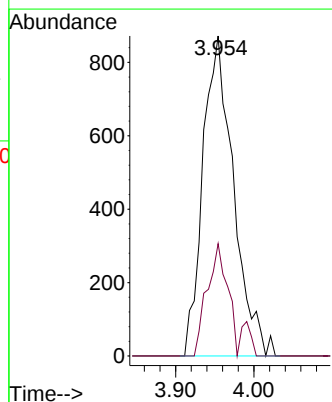
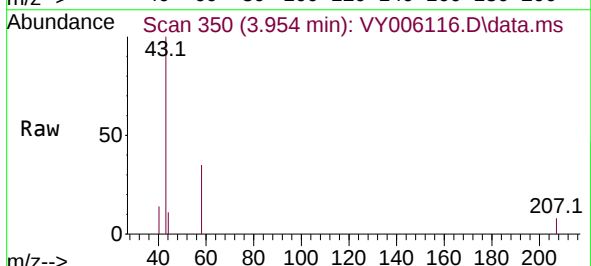
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBL01

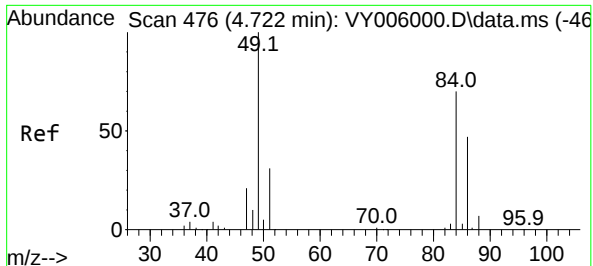
Tgt Ion:168 Resp: 122945
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#16
Acetone
Concen: 5.062 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006116.D
Acq: 23 Sep 2021 11:38

Tgt Ion: 43 Resp: 2371
Ion Ratio Lower Upper
43 100
58 35.1 22.0 33.0#

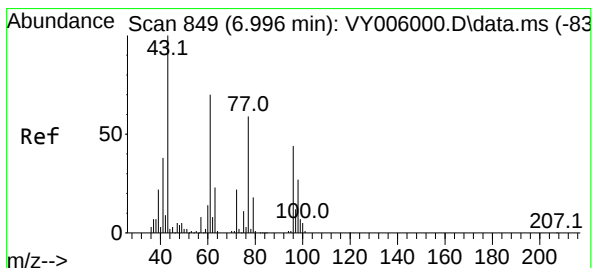
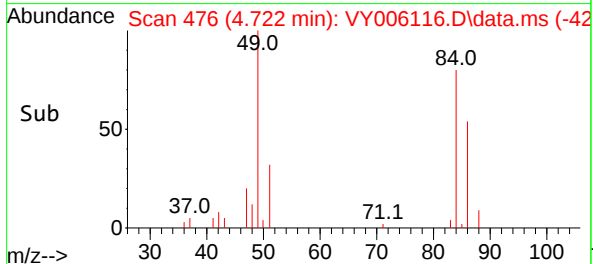
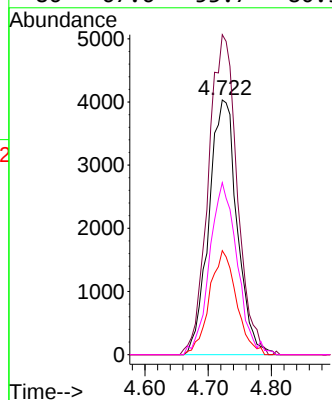
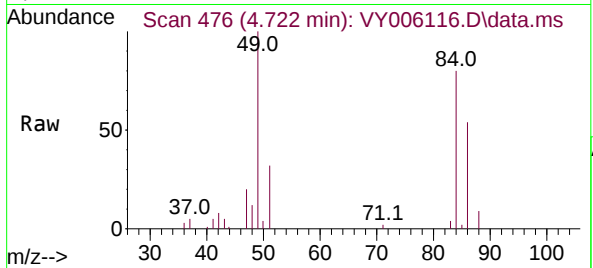




#20
Methylene Chloride
Concen: 4.291 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006116.D
Acq: 23 Sep 2021 11:38

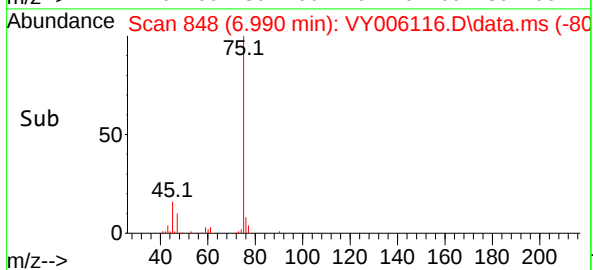
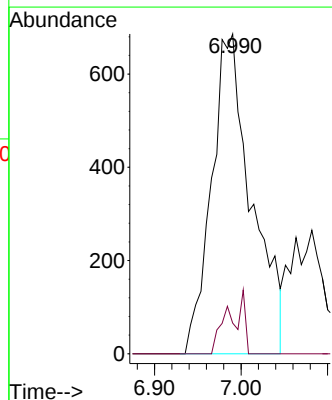
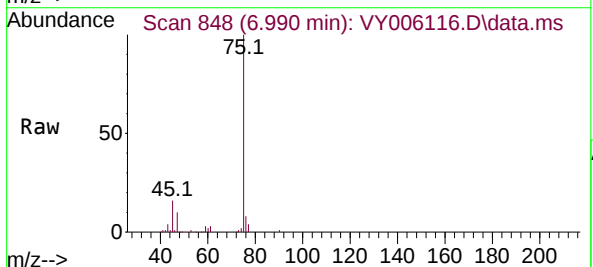
Instrument :
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VY0923SBL01

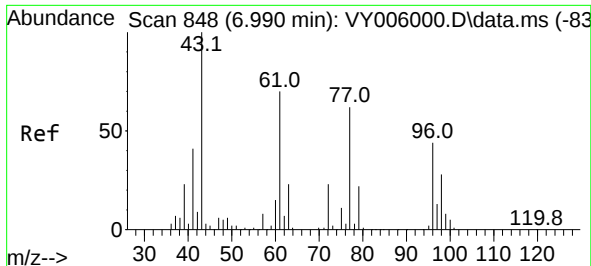
Tgt Ion:	84	Resp:	12482
Ion	Ratio	Lower	Upper
84	100		
49	125.7	114.4	171.6
51	40.8	35.3	52.9
86	67.6	53.7	80.5



#25
2-Butanone
Concen: 3.422 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY006116.D
Acq: 23 Sep 2021 11:38

Tgt Ion:	43	Resp:	2209
Ion	Ratio	Lower	Upper
43	100		
72	9.6	17.7	26.5#





#26

2,2-Dichloropropane

Concen: 1.073 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY006116.D

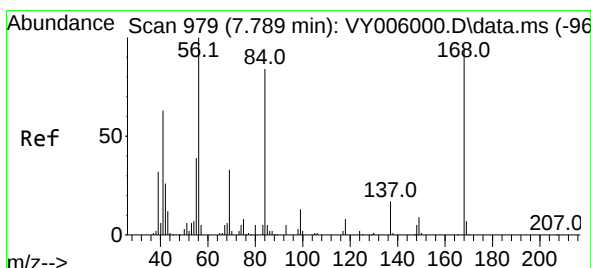
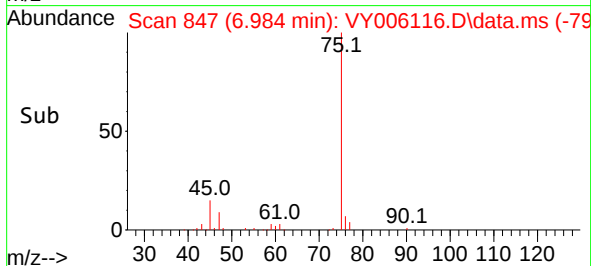
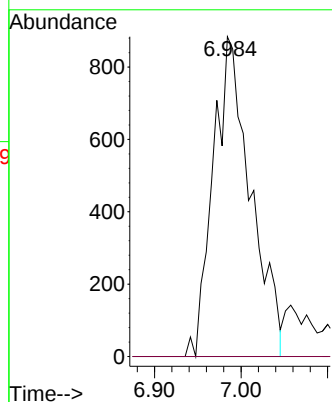
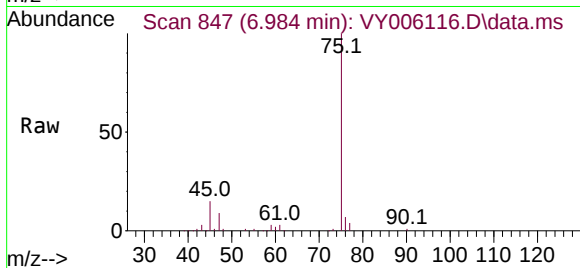
Acq: 23 Sep 2021 11:38

Tgt Ion: 77 Resp: 2651

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#31

Cyclohexane

Concen: 1.040 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.000 min

Lab File: VY006116.D

Acq: 23 Sep 2021 11:38

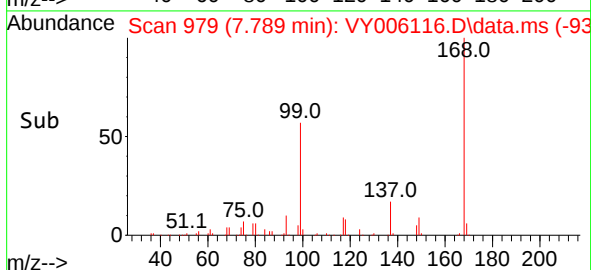
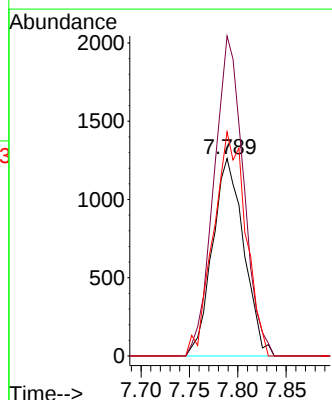
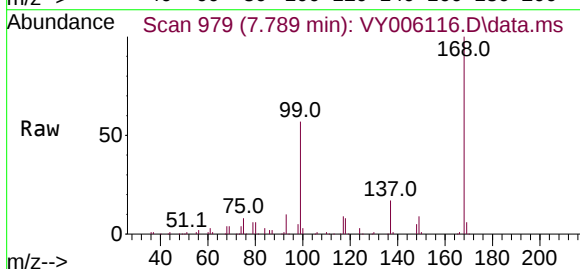
Tgt Ion: 56 Resp: 2844

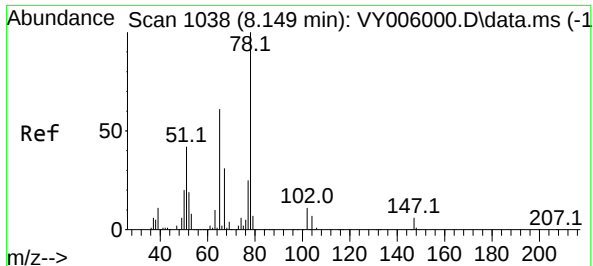
Ion Ratio Lower Upper

56 100

69 162.0 26.7 40.1#

84 113.5 67.2 100.8#

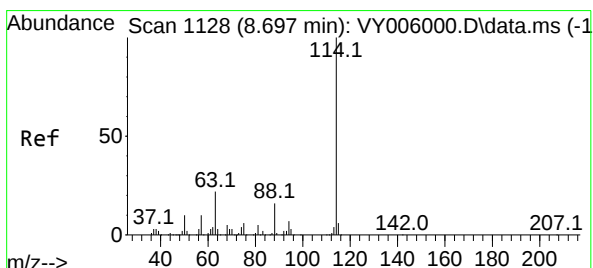
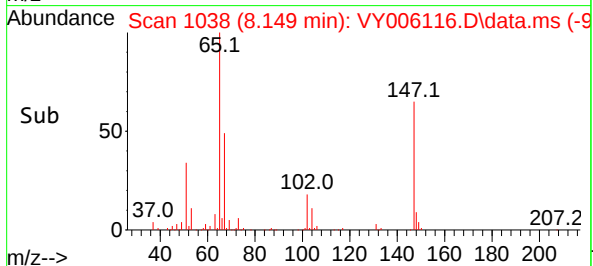
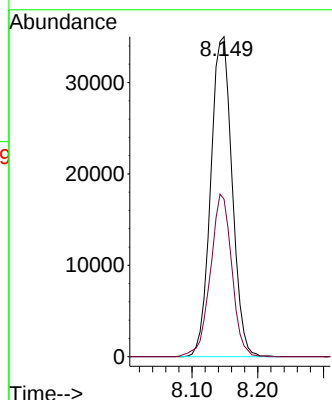
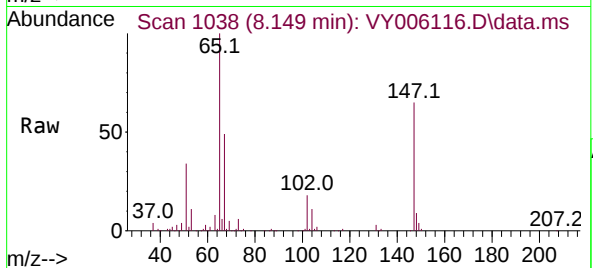




#33
1,2-Dichloroethane-d4
Concen: 46.389 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006116.D
Acq: 23 Sep 2021 11:38

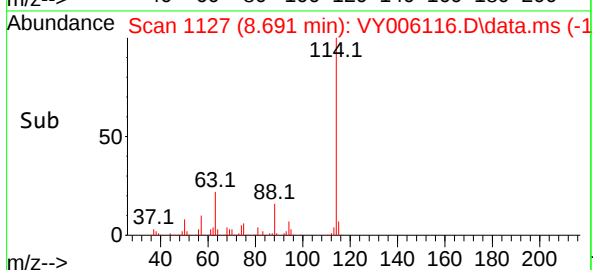
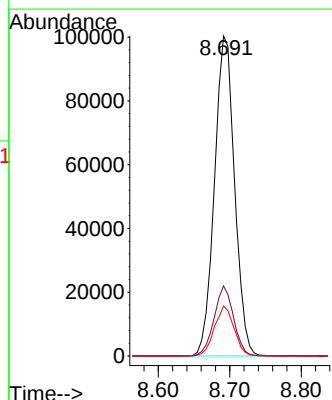
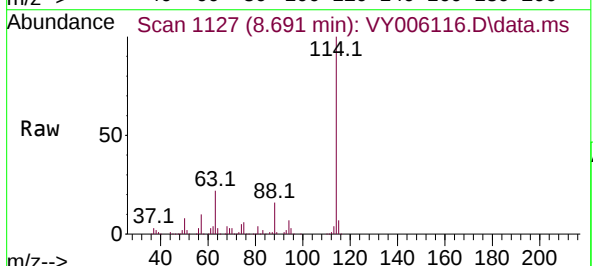
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBL01

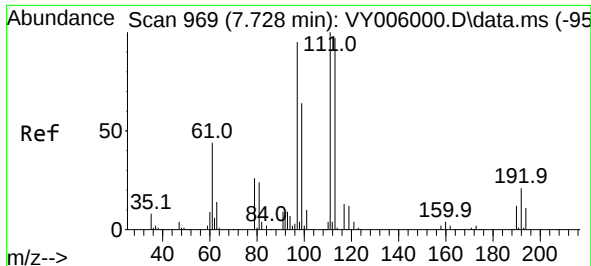
Tgt Ion: 65 Resp: 79222
Ion Ratio Lower Upper
65 100
67 50.7 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006116.D
Acq: 23 Sep 2021 11:38

Tgt Ion: 114 Resp: 196074
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.2
88 15.6 0.0 31.8

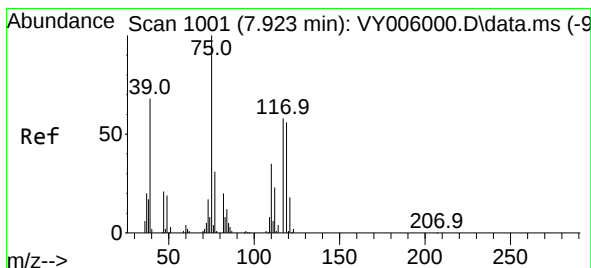
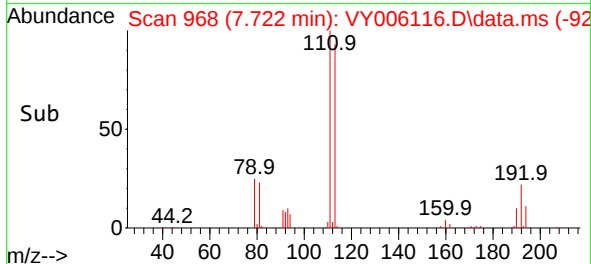
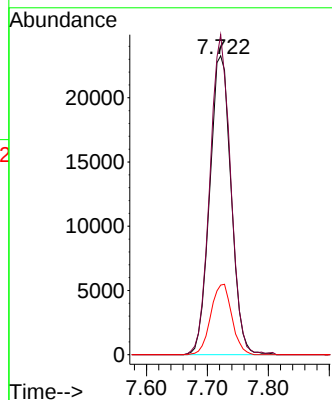
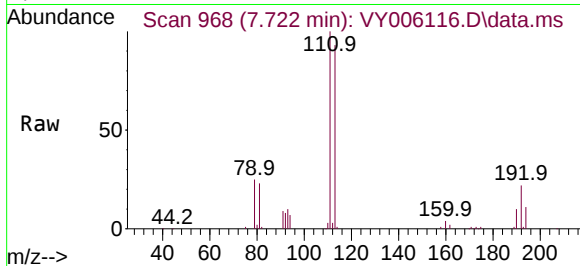




#35
Dibromofluoromethane
Concen: 46.592 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006116.D
Acq: 23 Sep 2021 11:38

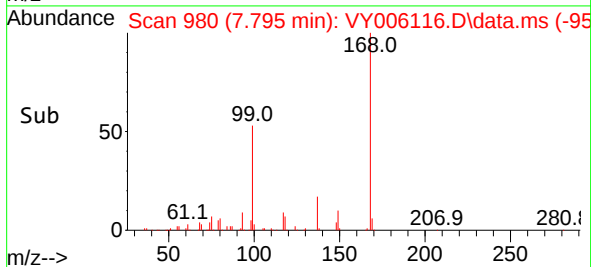
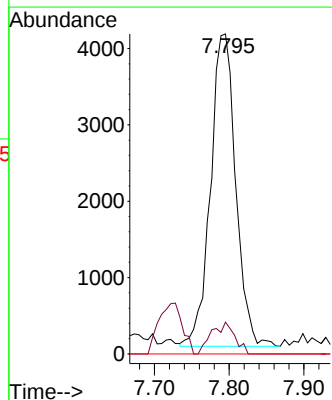
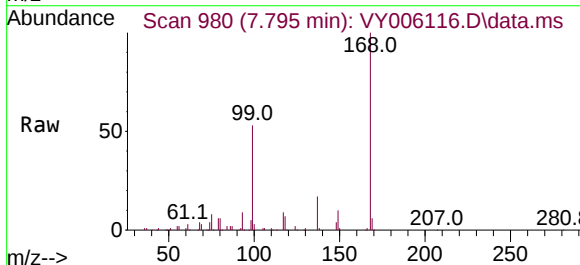
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBL01

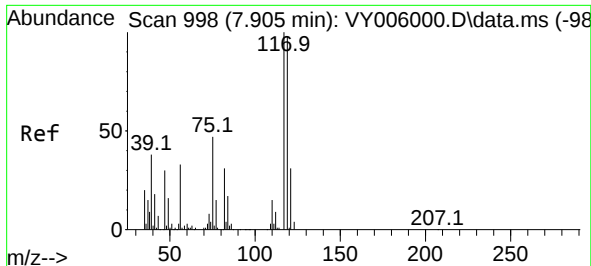
Tgt Ion:113 Resp: 56742
Ion Ratio Lower Upper
113 100
111 103.9 82.6 124.0
192 23.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.532 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006116.D
Acq: 23 Sep 2021 11:38

Tgt Ion: 75 Resp: 9592
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.0 24.4 36.6#

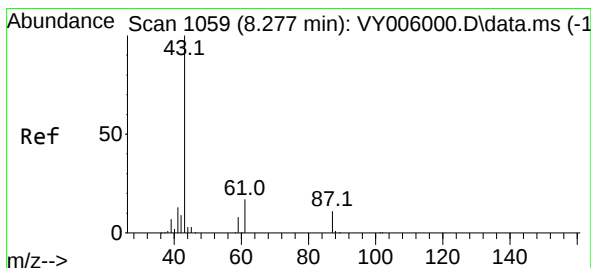
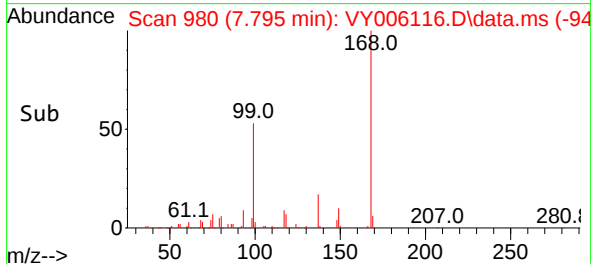
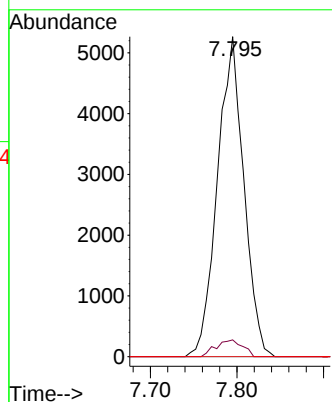
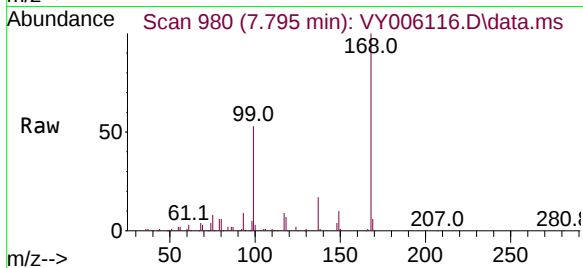




#38
Carbon Tetrachloride
Concen: 4.838 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006116.D
Acq: 23 Sep 2021 11:38

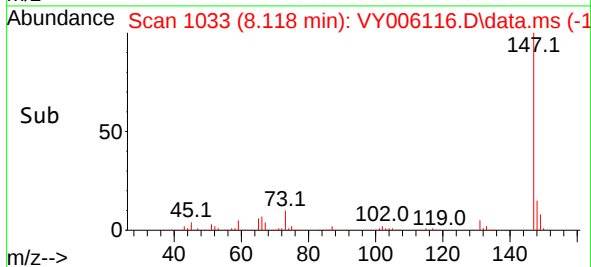
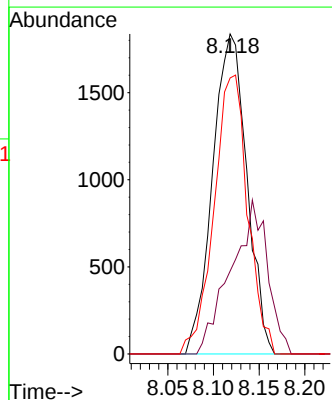
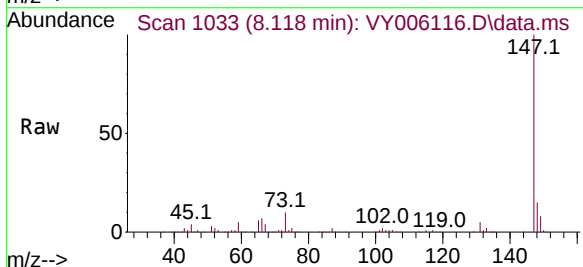
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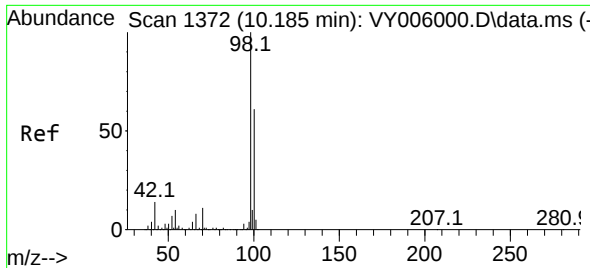
Tgt Ion:117 Resp: 11146
Ion Ratio Lower Upper
117 100
119 5.3 77.9 116.9#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 1.760 ug/l
RT: 8.118 min Scan# 1033
Delta R.T. -0.159 min
Lab File: VY006116.D
Acq: 23 Sep 2021 11:38

Tgt Ion: 43 Resp: 4794
Ion Ratio Lower Upper
43 100
61 0.0 20.2 30.2#
87 85.6 8.9 13.3#

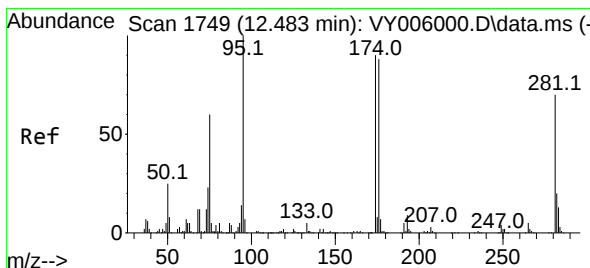
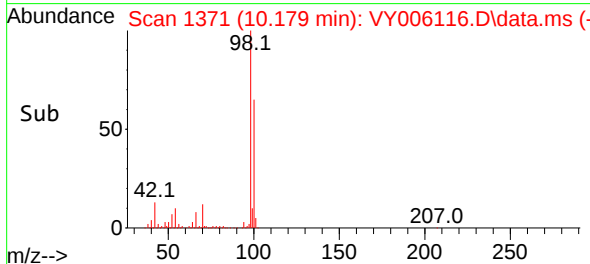
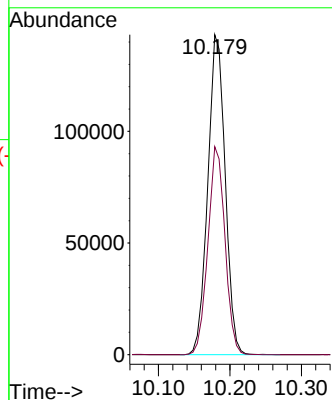
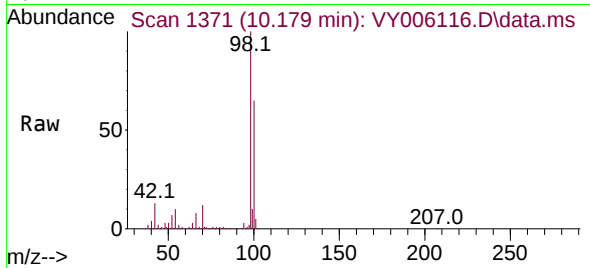




#50
Toluene-d8
Concen: 46.634 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006116.D
Acq: 23 Sep 2021 11:38

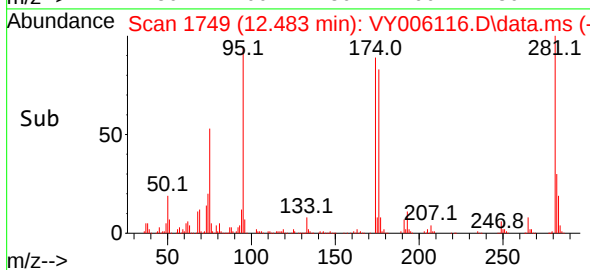
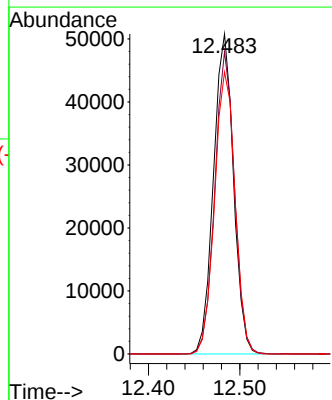
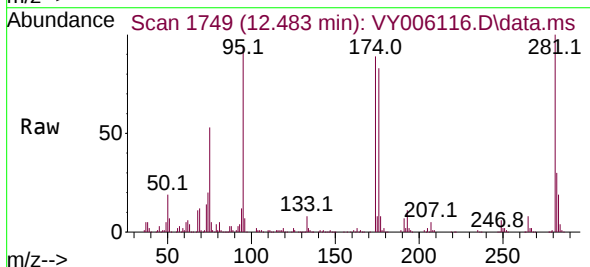
Instrument :
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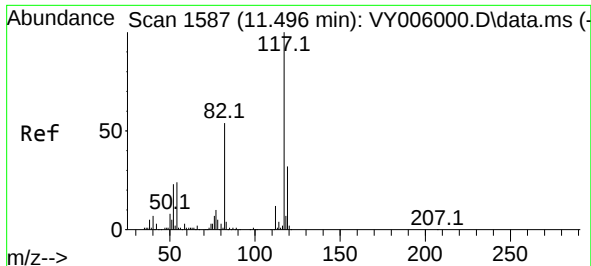
Tgt Ion: 98 Resp: 242056
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.872 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006116.D
Acq: 23 Sep 2021 11:38

Tgt Ion: 95 Resp: 77314
Ion Ratio Lower Upper
95 100
174 93.1 0.0 177.0
176 90.1 0.0 175.8

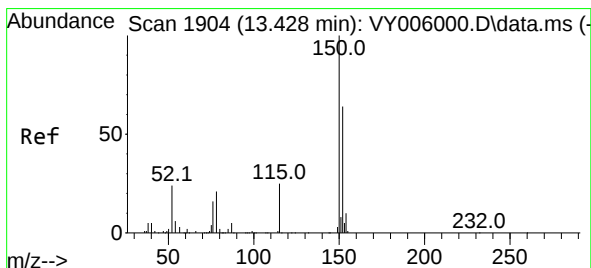
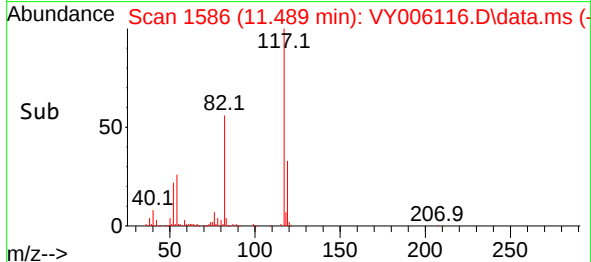
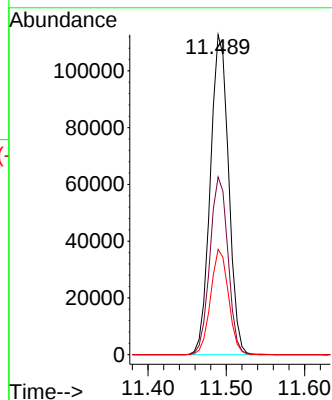
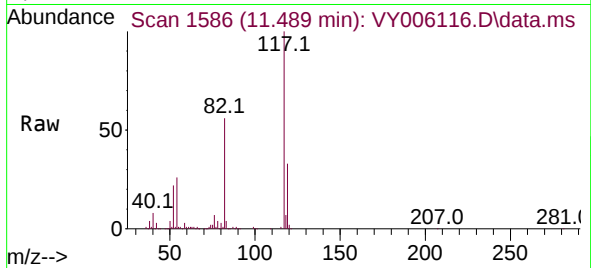




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006116.D
Acq: 23 Sep 2021 11:38

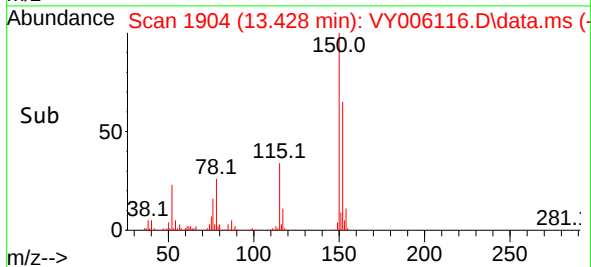
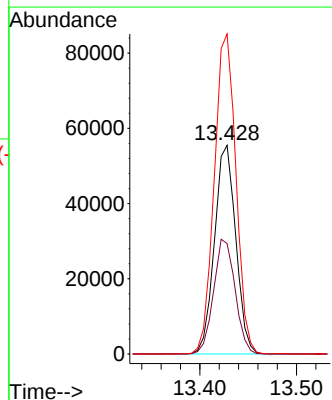
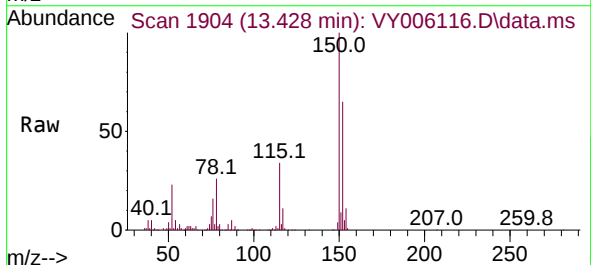
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBL01

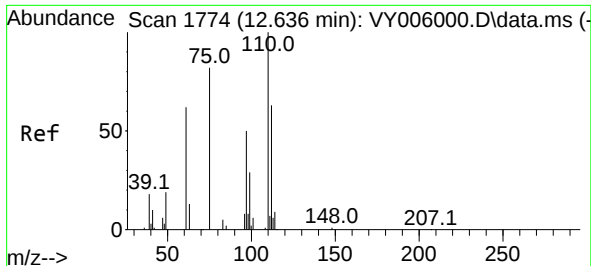
Tgt Ion:	117	Resp:	182706
Ion Ratio	Lower	Upper	
117	100		
82	55.5	43.0	64.4
119	32.9	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006116.D
Acq: 23 Sep 2021 11:38

Tgt Ion:	152	Resp:	84644
Ion Ratio	Lower	Upper	
152	100		
115	55.6	28.2	84.7
150	155.9	0.0	347.6

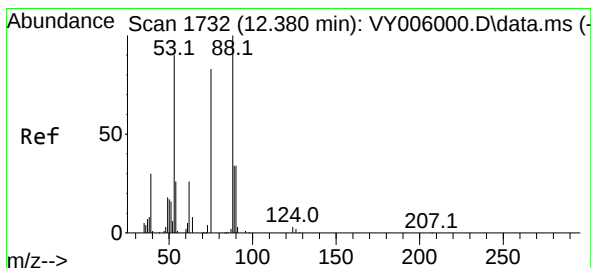
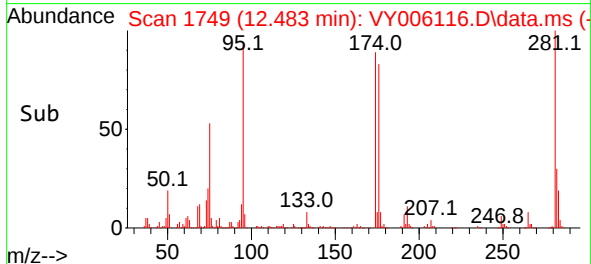
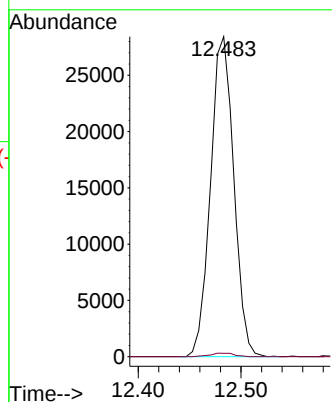
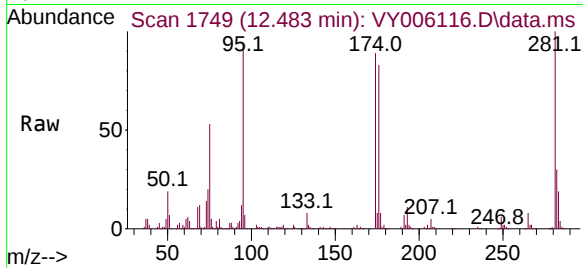




#76
1,2,3-Trichloropropane
Concen: 49.504 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006116.D
Acq: 23 Sep 2021 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBL01

Tgt Ion: 75 Resp: 44676
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.014 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006116.D
Acq: 23 Sep 2021 11:38

Tgt Ion: 75 Resp: 44676
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 1.2 37.0 55.4#

