

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092221\
 Data File : VY006103.D
 Acq On : 22 Sep 2021 14:06
 Operator : SY/MD
 Sample : VY0922SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0922SBL01

Quant Time: Sep 22 18:13:58 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	139187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	214852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	185789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81781	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80309	41.538	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.080%
35) Dibromofluoromethane	7.722	113	61834	46.336	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.680%
50) Toluene-d8	10.185	98	265281	46.642	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.280%
62) 4-Bromofluorobenzene	12.483	95	77723	40.249	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.500%

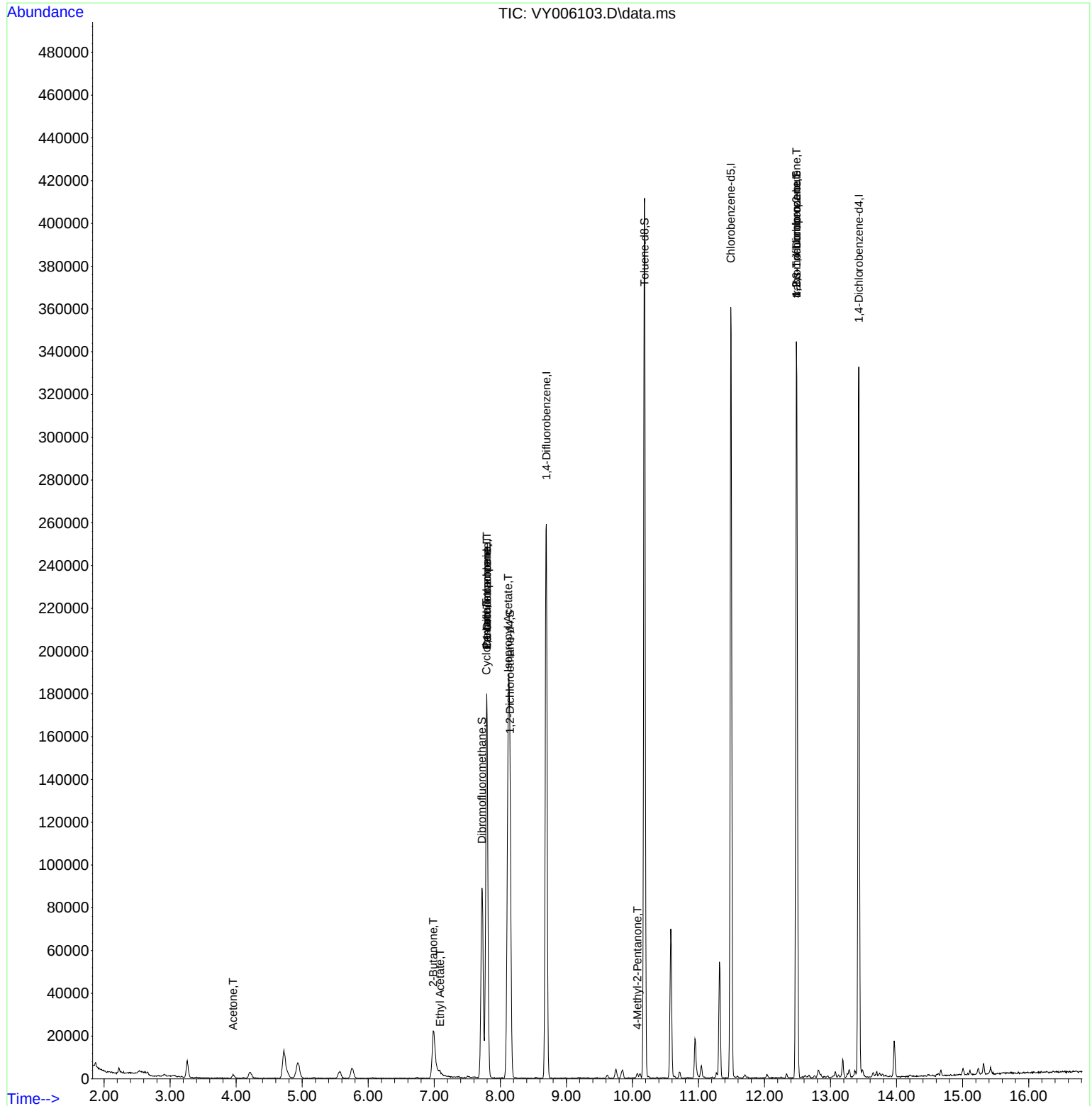
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.936	59	7812	Below Cal	#	77
16) Acetone	3.954	43	2817	5.312	ug/l #	84
25) 2-Butanone	6.984	43	1747	2.390	ug/l #	83
31) Cyclohexane	7.789	56	3238	1.045	ug/l #	5
36) 1,1-Dichloropropene	7.795	75	10759	4.640	ug/l #	50
37) Ethyl Acetate	7.088	43	1652	1.031	ug/l #	80
38) Carbon Tetrachloride	7.795	117	13272	5.257	ug/l #	15
43) Isopropyl Acetate	8.118	43	4412	1.479	ug/l #	1
51) 4-Methyl-2-Pentanone	10.075	43	1645	1.034	ug/l	98
76) 1,2,3-Trichloropropane	12.483	75	44750	51.322	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44750	94.357	ug/l #	8

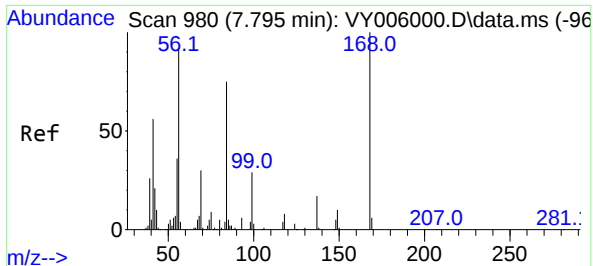
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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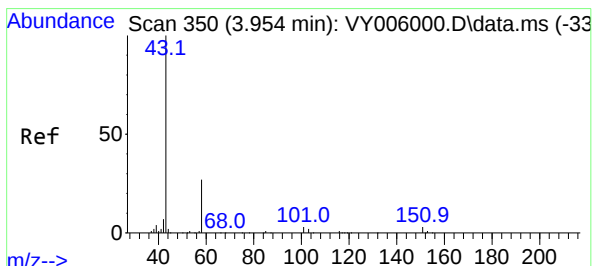
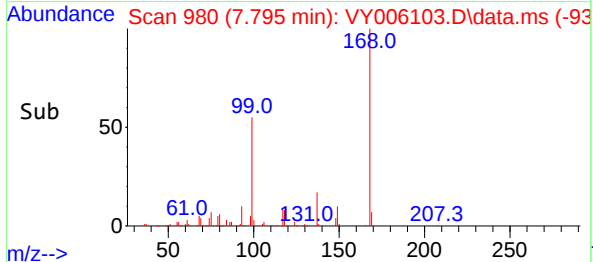
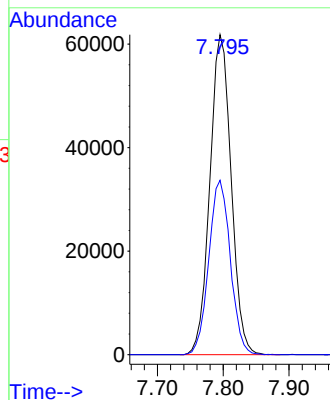
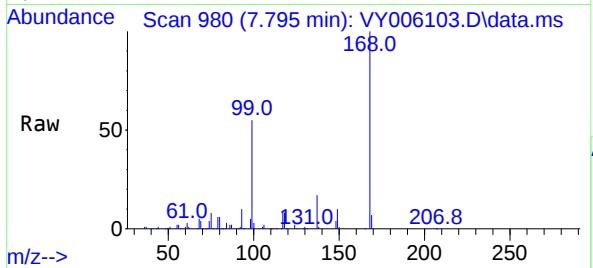




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006103.D
Acq: 22 Sep 2021 14:06

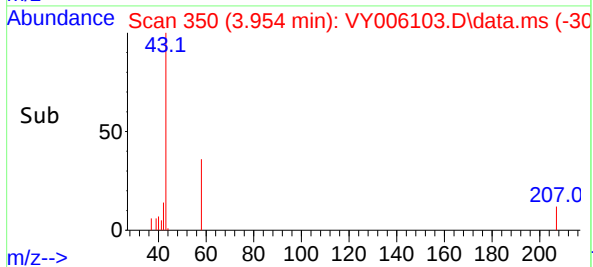
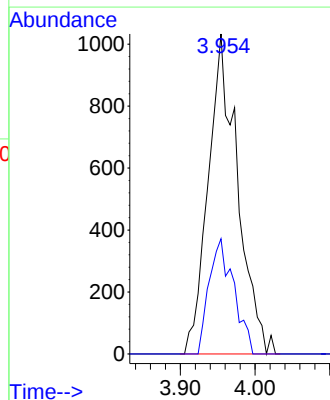
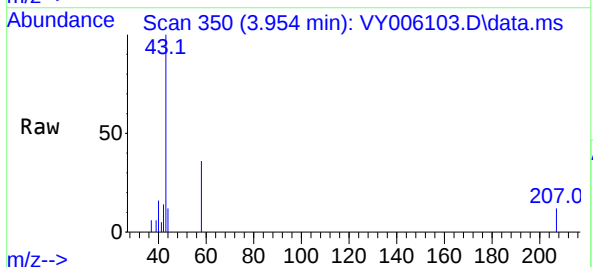
Instrument :
MSVOA_Y
ClientSampleId :
VY0922SBL01

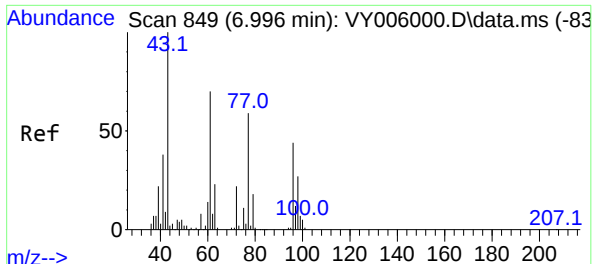
Tgt Ion:168 Resp: 139187
Ion Ratio Lower Upper
168 100
99 54.5 46.9 70.3



#16
Acetone
Concen: 5.312 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006103.D
Acq: 22 Sep 2021 14:06

Tgt Ion: 43 Resp: 2817
Ion Ratio Lower Upper
43 100
58 36.0 22.0 33.0#

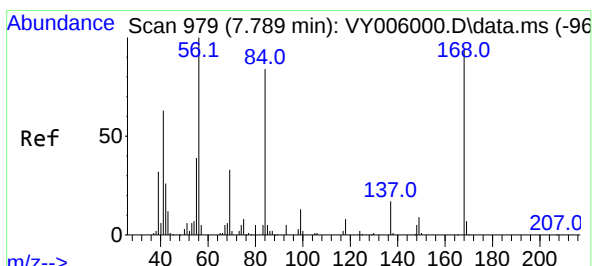
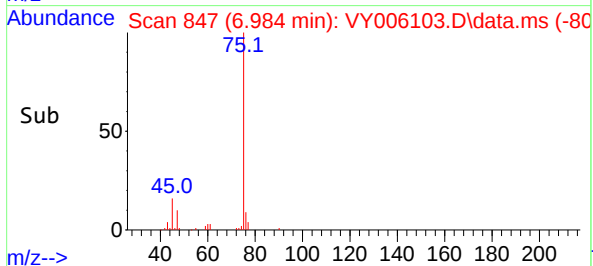
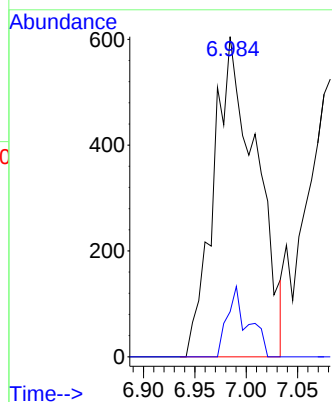
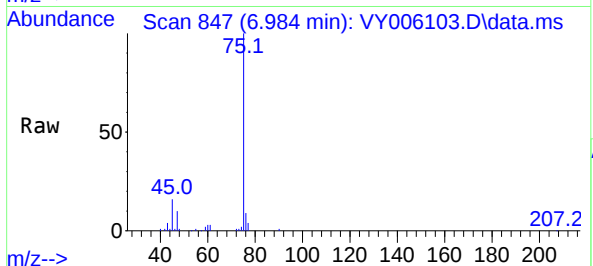




#25
2-Butanone
Concen: 2.390 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY006103.D
Acq: 22 Sep 2021 14:06

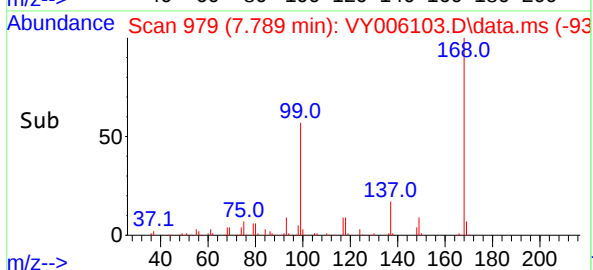
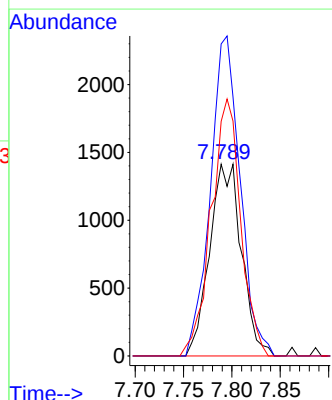
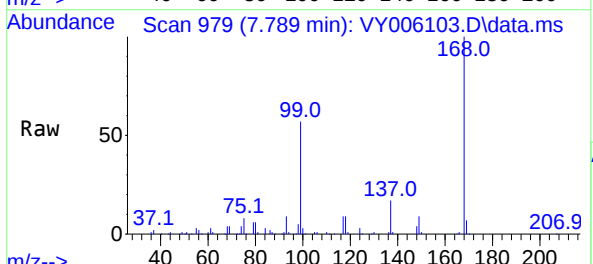
Instrument :
MSVOA_Y
ClientSampleId :
VY0922SBL01

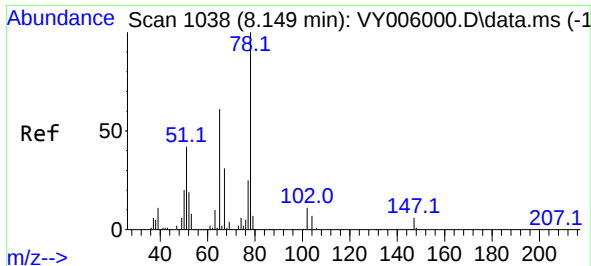
Tgt Ion: 43 Resp: 1747
Ion Ratio Lower Upper
43 100
72 14.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.045 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY006103.D
Acq: 22 Sep 2021 14:06

Tgt Ion: 56 Resp: 3238
Ion Ratio Lower Upper
56 100
69 162.8 26.7 40.1#
84 122.4 67.2 100.8#

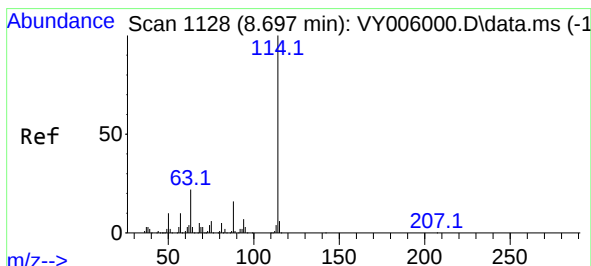
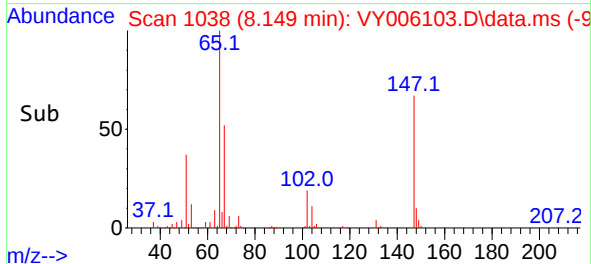
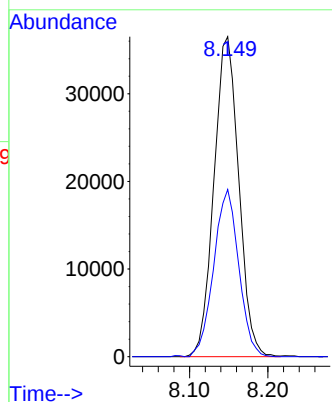
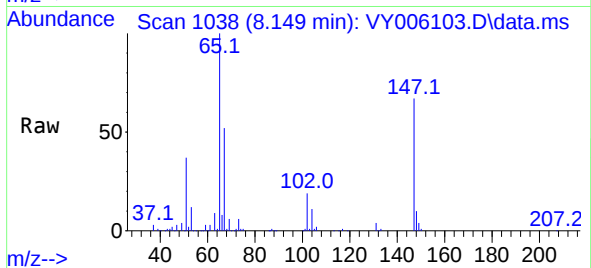




#33
1,2-Dichloroethane-d4
Concen: 41.538 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006103.D
Acq: 22 Sep 2021 14:06

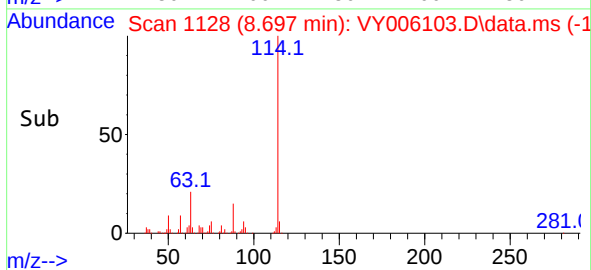
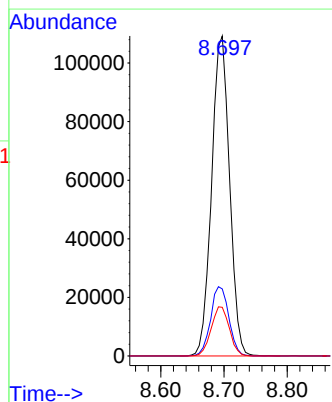
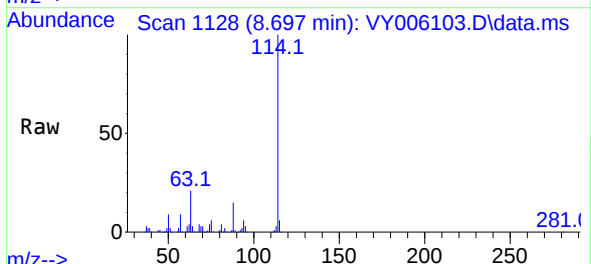
Instrument :
MSVOA_Y
ClientSampleId :
VY0922SBL01

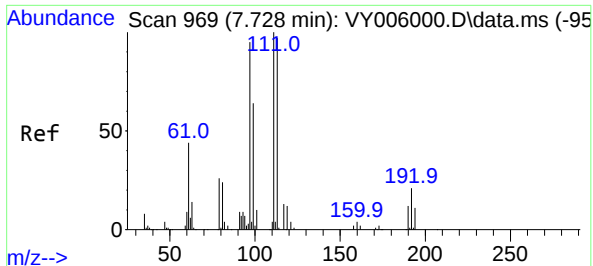
Tgt Ion: 65 Resp: 80309
Ion Ratio Lower Upper
65 100
67 52.7 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006103.D
Acq: 22 Sep 2021 14:06

Tgt Ion: 114 Resp: 214852
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.2
88 15.2 0.0 31.8

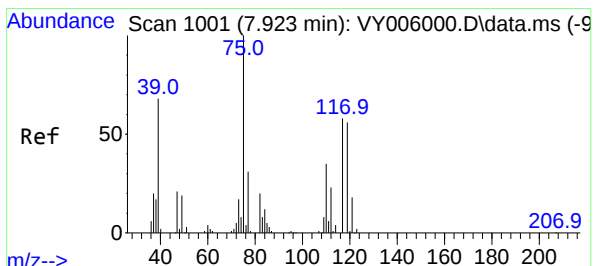
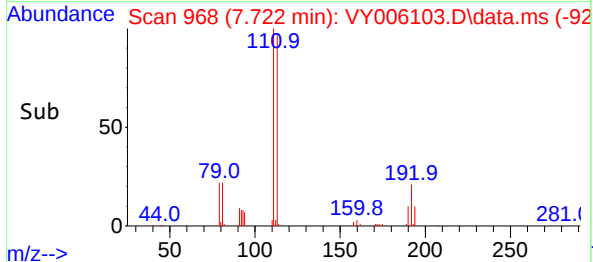
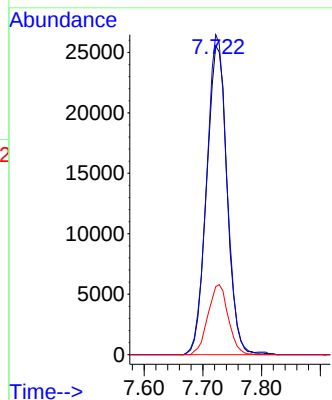
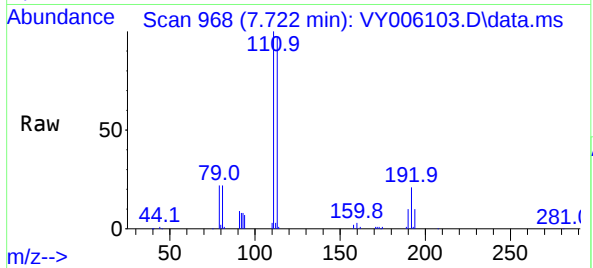




#35
Dibromofluoromethane
Concen: 46.336 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006103.D
Acq: 22 Sep 2021 14:06

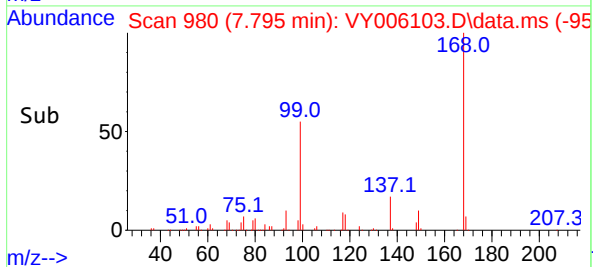
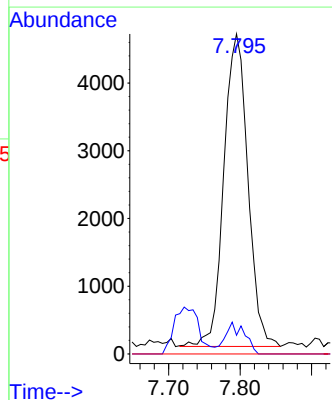
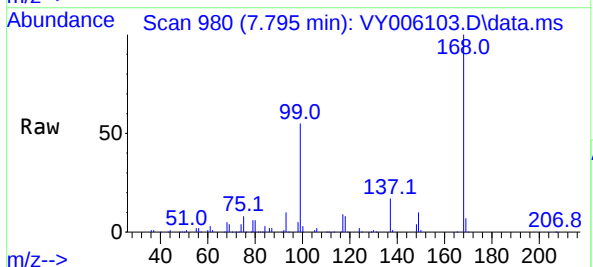
Instrument :
MSVOA_Y
ClientSampleId :
VY0922SBL01

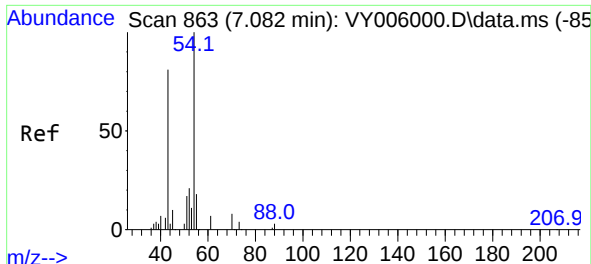
Tgt Ion:	113	Resp:	61834
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	124.0
192	22.4	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.640 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006103.D
Acq: 22 Sep 2021 14:06

Tgt Ion:	75	Resp:	10759
Ion	Ratio	Lower	Upper
75	100		
110	8.1	17.1	51.2#
77	0.0	24.4	36.6#





#37

Ethyl Acetate

Concen: 1.031 ug/l

RT: 7.088 min Scan# 864

Delta R.T. 0.006 min

Lab File: VY006103.D

Acq: 22 Sep 2021 14:06

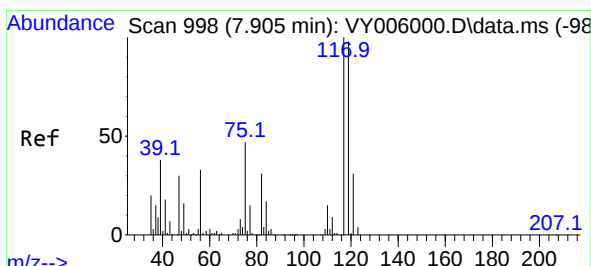
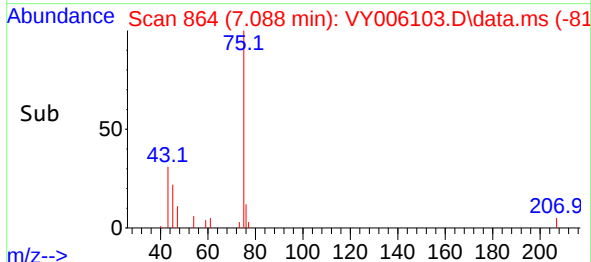
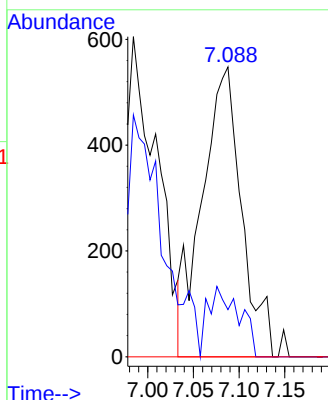
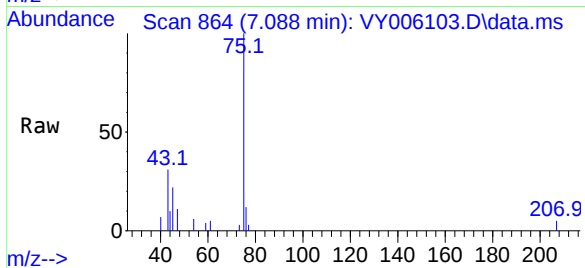
Instrument :

MSVOA_Y

ClientSampleId :

VY0922SBL01

Tgt Ion:	43	Resp:	1652
Ion	Ratio	Lower	Upper
43	100		
61	18.8	9.7	14.5#
70	0.0	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 5.257 ug/l

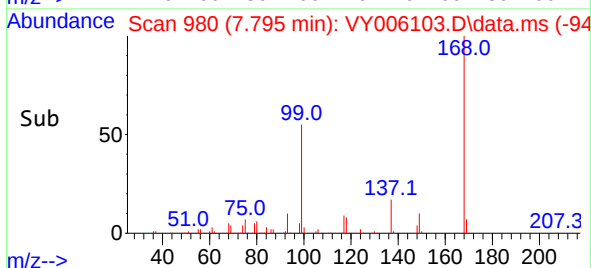
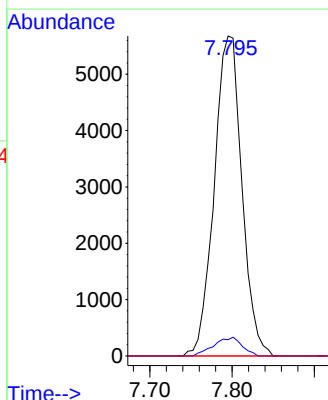
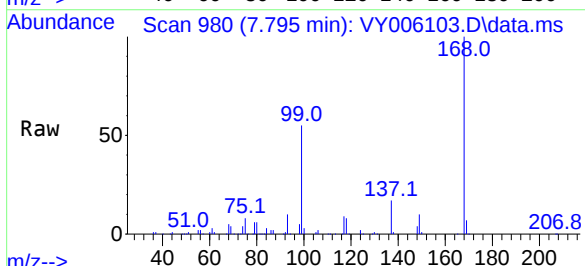
RT: 7.795 min Scan# 980

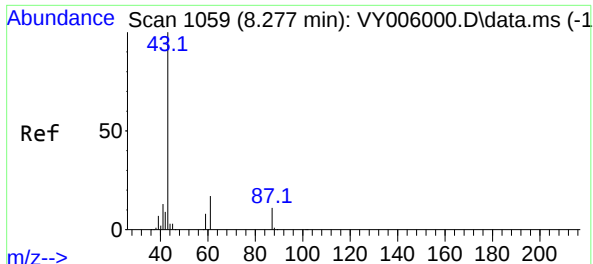
Delta R.T. -0.110 min

Lab File: VY006103.D

Acq: 22 Sep 2021 14:06

Tgt Ion:	117	Resp:	13272
Ion	Ratio	Lower	Upper
117	100		
119	5.1	77.9	116.9#
121	0.0	24.8	37.2#



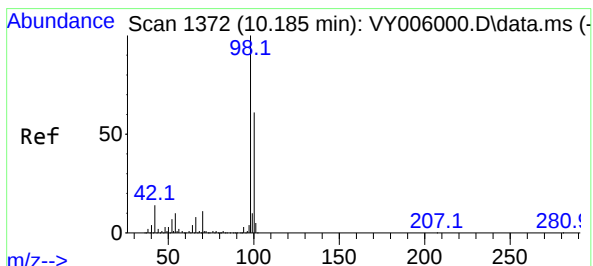
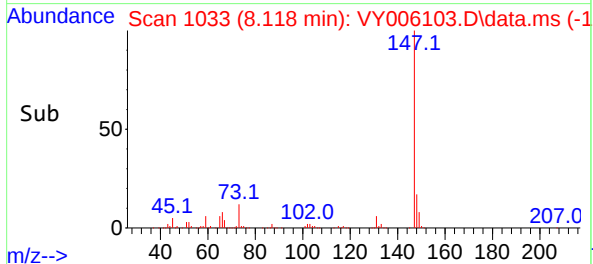
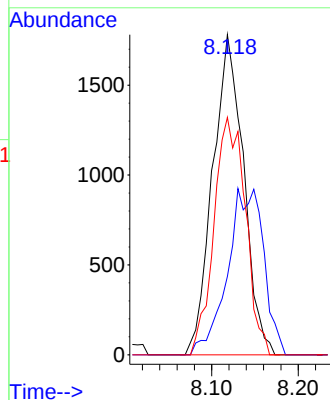
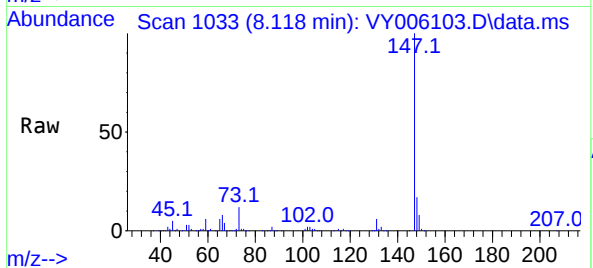


#43

Isopropyl Acetate
Concen: 1.479 ug/l
RT: 8.118 min Scan# 1033
Delta R.T. -0.159 min
Lab File: VY006103.D
Acq: 22 Sep 2021 14:06

Instrument :
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ClientSampleId :
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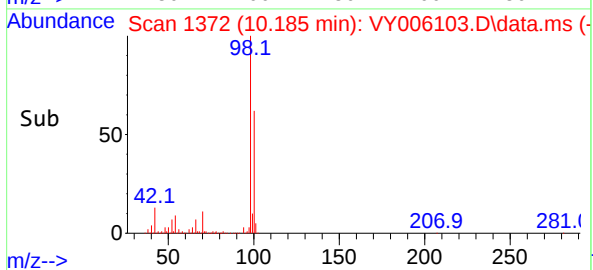
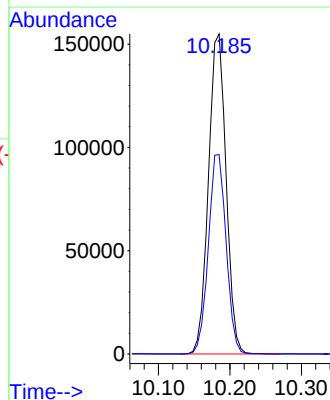
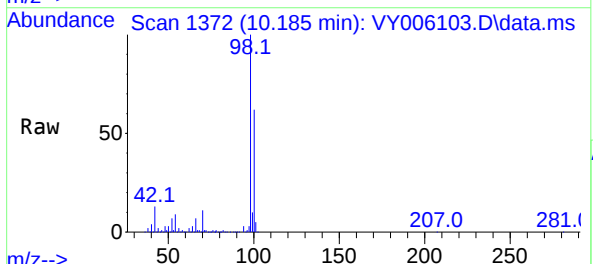
Tgt Ion: 43 Resp: 4412
Ion Ratio Lower Upper
43 100
61 60.8 20.2 30.2#
87 75.6 8.9 13.3#

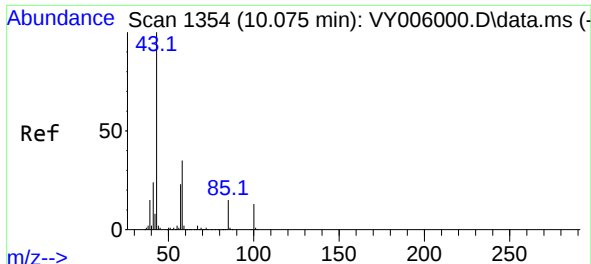


#50

Toluene-d8
Concen: 46.642 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006103.D
Acq: 22 Sep 2021 14:06

Tgt Ion: 98 Resp: 265281
Ion Ratio Lower Upper
98 100
100 62.9 50.2 75.2

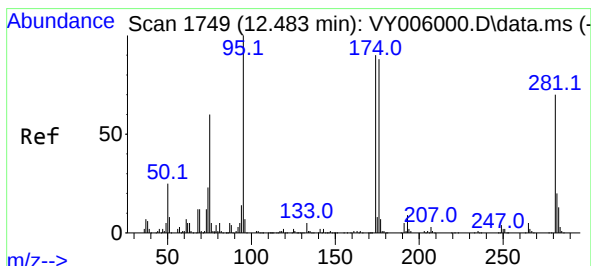
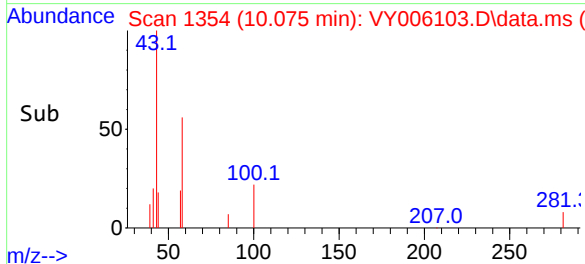
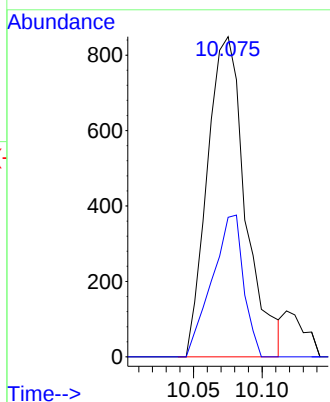
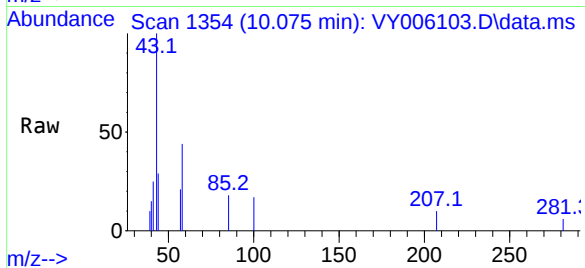




#51
4-Methyl-2-Pentanone
Concen: 1.034 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY006103.D
Acq: 22 Sep 2021 14:06

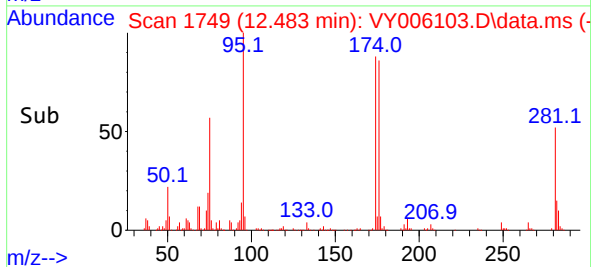
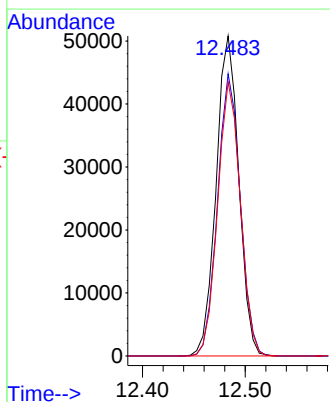
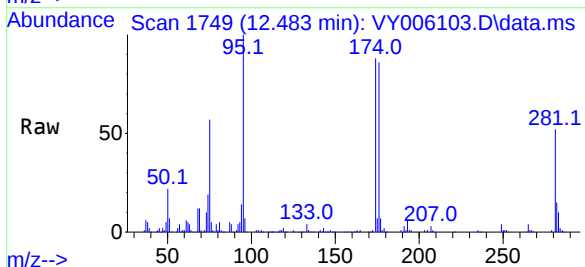
Instrument :
MSVOA_Y
ClientSampleId :
VY0922SBL01

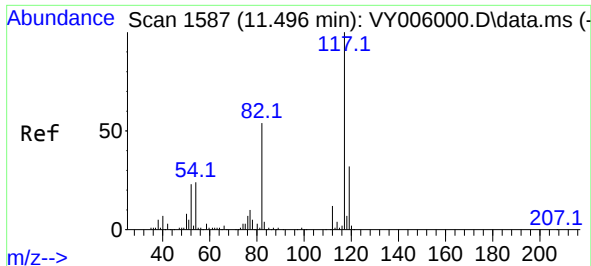
Tgt Ion: 43 Resp: 1645
Ion Ratio Lower Upper
43 100
58 36.5 28.1 42.1



#62
4-Bromofluorobenzene
Concen: 40.249 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006103.D
Acq: 22 Sep 2021 14:06

Tgt Ion: 95 Resp: 77723
Ion Ratio Lower Upper
95 100
174 88.2 0.0 177.0
176 85.8 0.0 175.8

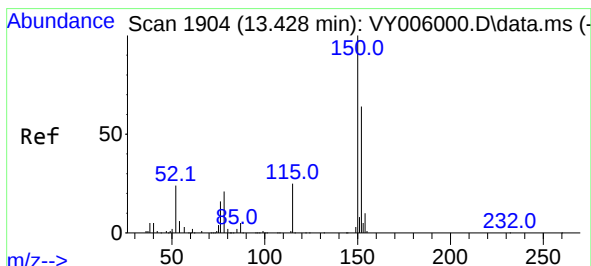
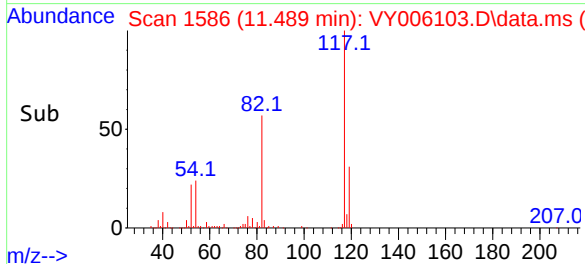
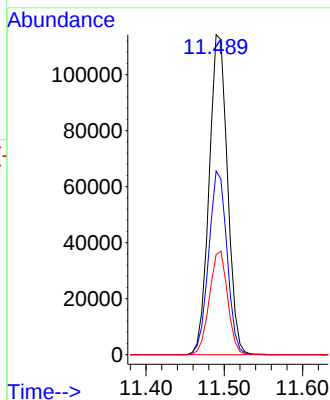
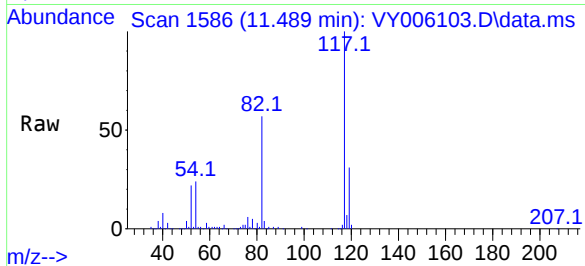




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006103.D
Acq: 22 Sep 2021 14:06

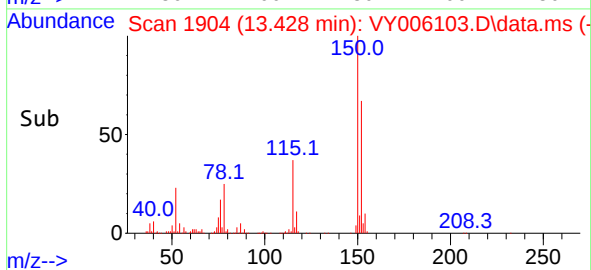
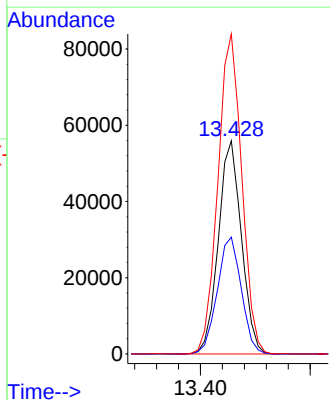
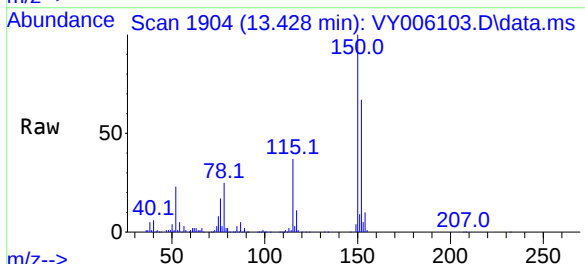
Instrument :
MSVOA_Y
ClientSampleId :
VY0922SBL01

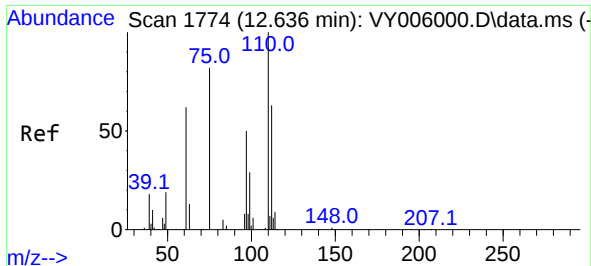
Tgt Ion:	117	Resp:	185789
Ion	Ratio	Lower	Upper
117	100		
82	57.4	43.0	64.4
119	31.3	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006103.D
Acq: 22 Sep 2021 14:06

Tgt Ion:	152	Resp:	81781
Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.2	84.7
150	155.2	0.0	347.6

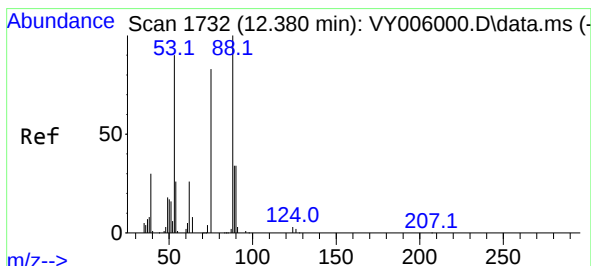
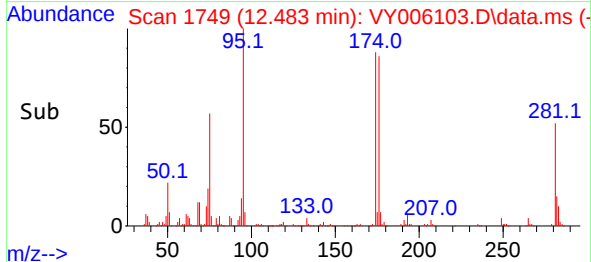
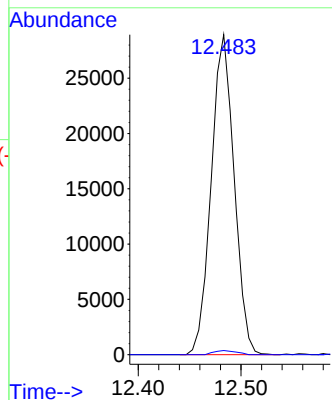
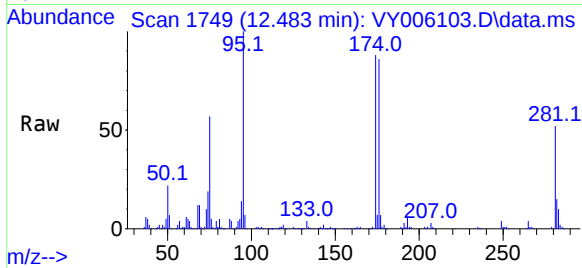




#76
1,2,3-Trichloropropane
Concen: 51.322 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006103.D
Acq: 22 Sep 2021 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0922SBL01

Tgt Ion: 75 Resp: 44750
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.357 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006103.D
Acq: 22 Sep 2021 14:06

Tgt Ion: 75 Resp: 44750
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 1.0 37.0 55.4#

