

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090721\
 Data File : VY005947.D
 Acq On : 07 Sep 2021 16:25
 Operator : SY/MD
 Sample : M3658-01
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 08 02:14:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

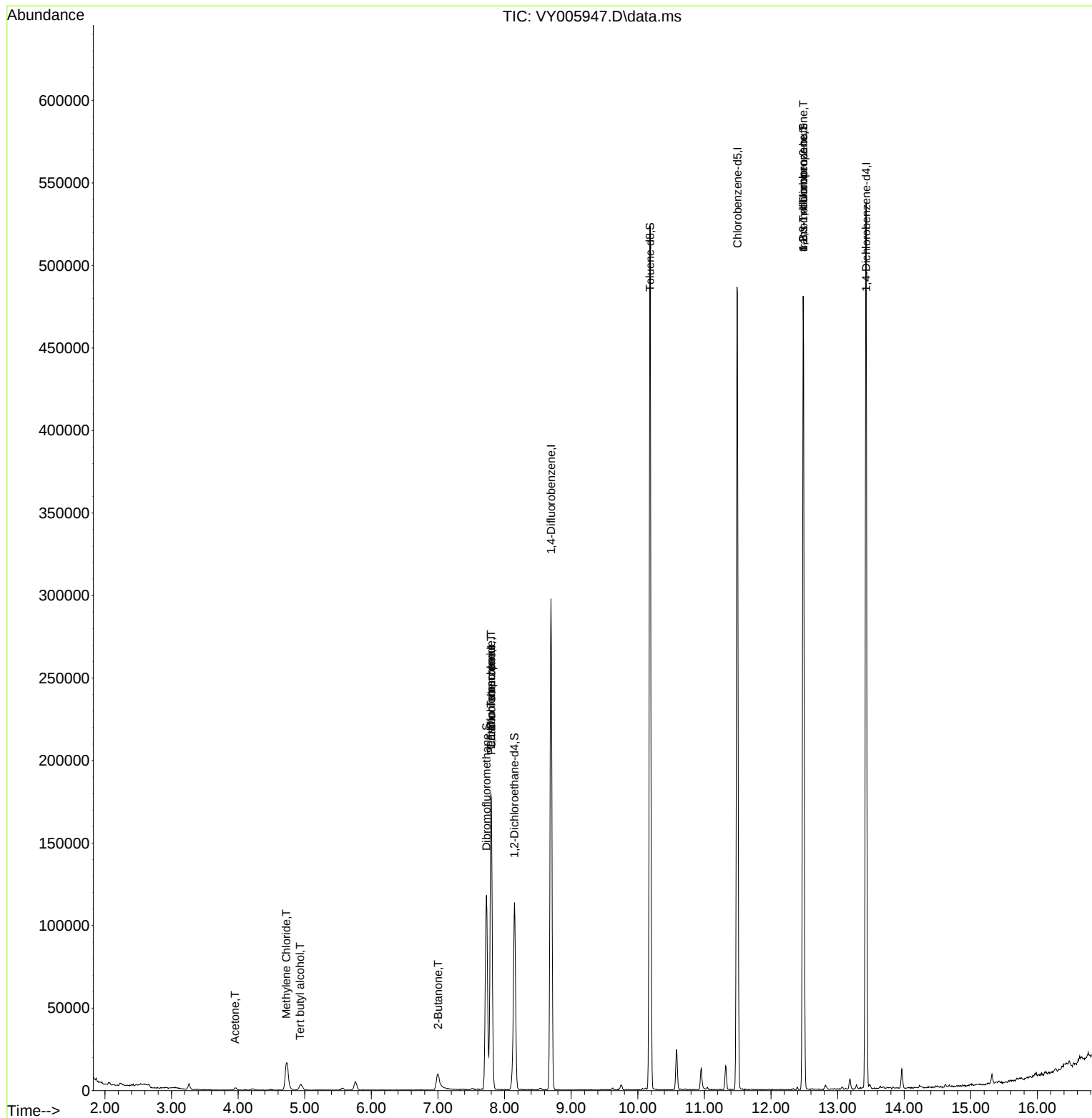
Internal Standards						
1) Pentafluorobenzene	7.801	168	153987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	264139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	281585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	145638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	86728	55.890	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.780%
35) Dibromofluoromethane	7.728	113	81727	55.095	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.180%
50) Toluene-d8	10.185	98	332420	53.396	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.800%
62) 4-Bromofluorobenzene	12.483	95	122400	58.553	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.100%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	3529	11.565	ug/l #	80
16) Acetone	3.954	43	2539	6.417	ug/l #	82
20) Methylene Chloride	4.723	84	13982	4.645	ug/l	90
25) 2-Butanone	7.003	43	1158	2.072	ug/l #	78
36) 1,1-Dichloropropene	7.795	75	10310	4.146	ug/l #	49
38) Carbon Tetrachloride	7.795	117	13989	5.190	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	62451	45.815	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	62451	87.129	ug/l #	14

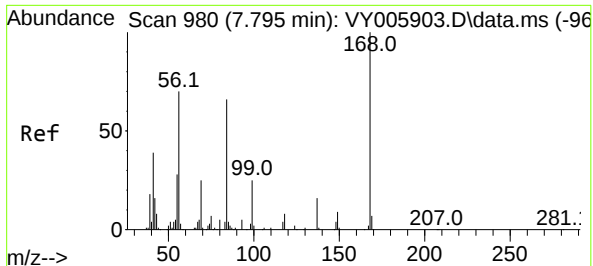
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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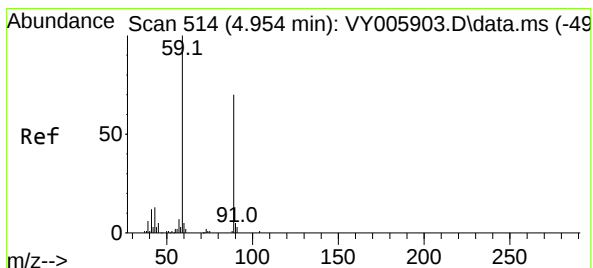
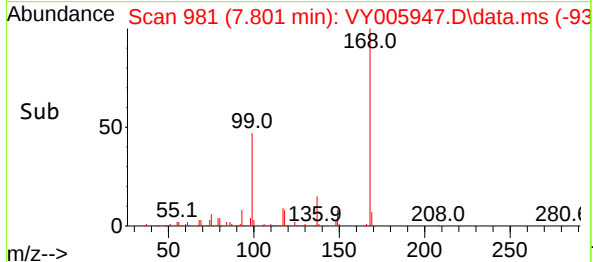
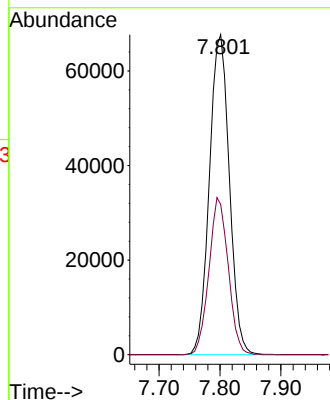
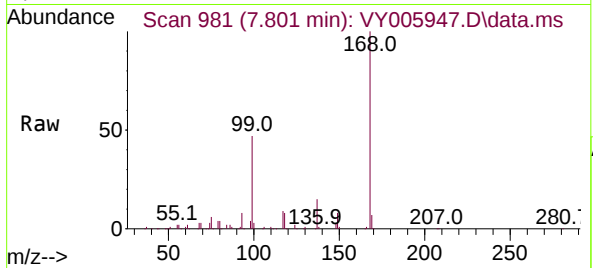




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005947.D
Acq: 07 Sep 2021 16:25

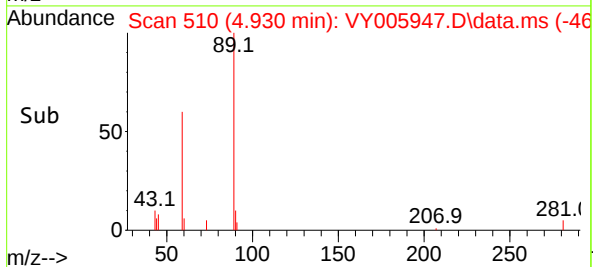
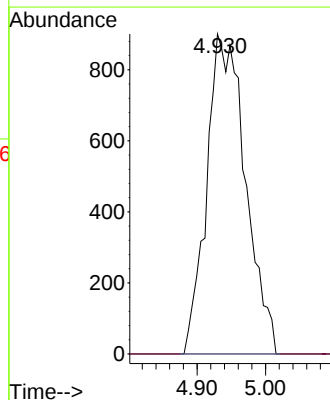
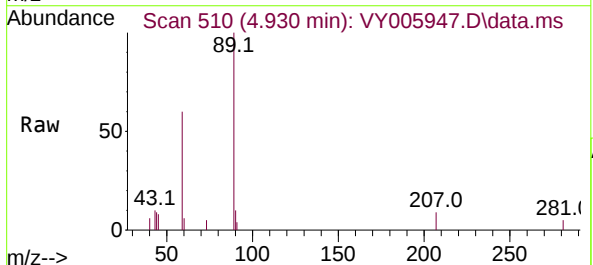
Instrument :
MSVOA_Y
ClientSampleId :

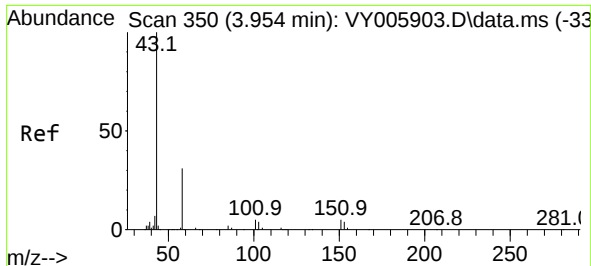
Tgt Ion:168 Resp: 153987
Ion Ratio Lower Upper
168 100
99 47.0 40.6 60.8



#11
Tert butyl alcohol
Concen: 11.565 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.024 min
Lab File: VY005947.D
Acq: 07 Sep 2021 16:25

Tgt Ion: 59 Resp: 3529
Ion Ratio Lower Upper
59 100
57 0.0 5.5 8.3#

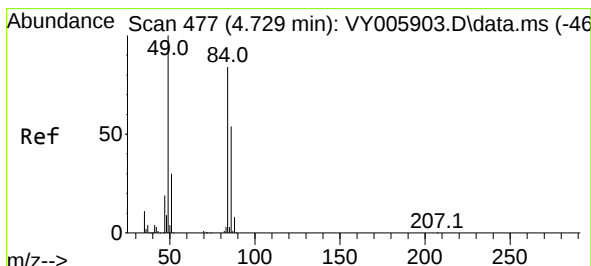
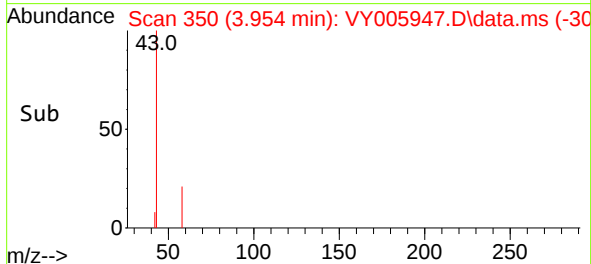
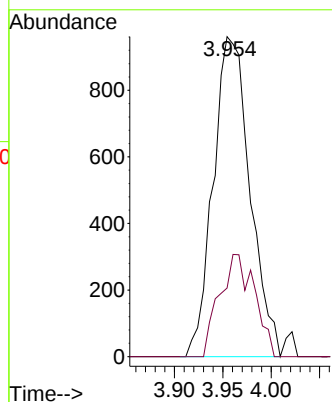
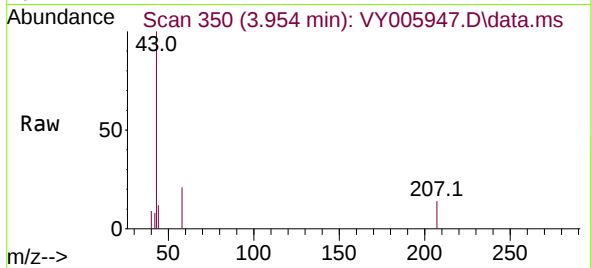




#16
Acetone
Concen: 6.417 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY005947.D
Acq: 07 Sep 2021 16:25

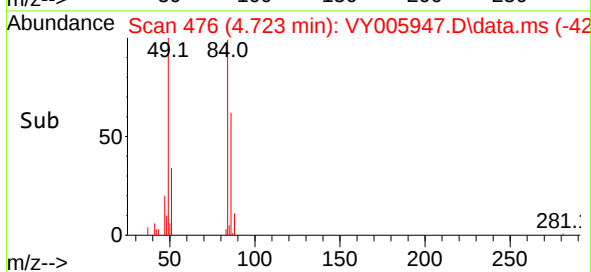
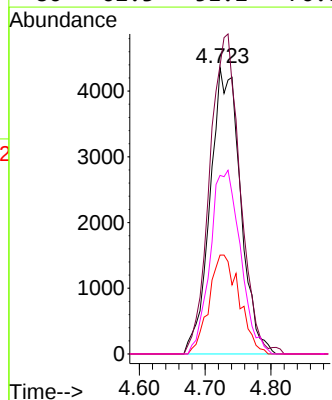
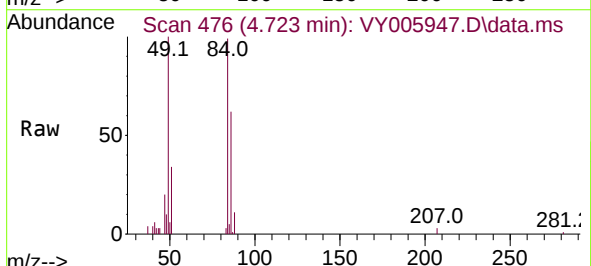
Instrument :
MSVOA_Y
ClientSampled :

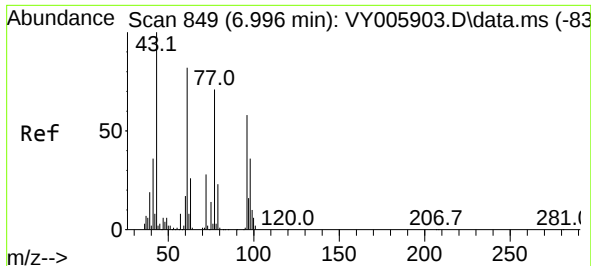
Tgt Ion: 43 Resp: 2539
Ion Ratio Lower Upper
43 100
58 21.4 25.1 37.7#



#20
Methylene Chloride
Concen: 4.645 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY005947.D
Acq: 07 Sep 2021 16:25

Tgt Ion: 84 Resp: 13982
Ion Ratio Lower Upper
84 100
49 100.7 95.7 143.5
51 34.5 29.0 43.6
86 62.3 51.2 76.8





#25

2-Butanone

Concen: 2.072 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY005947.D

Acq: 07 Sep 2021 16:25

Instrument :

MSVOA_Y

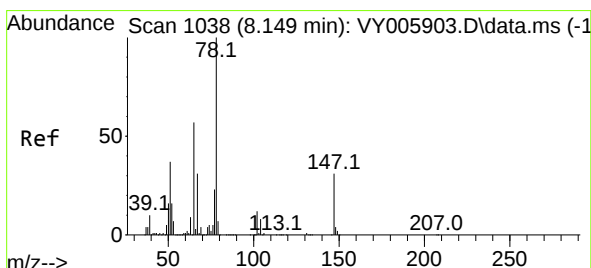
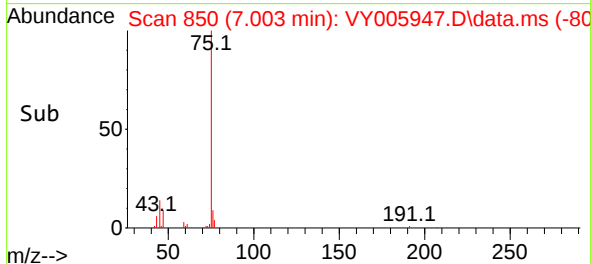
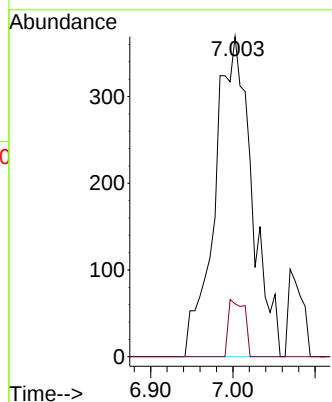
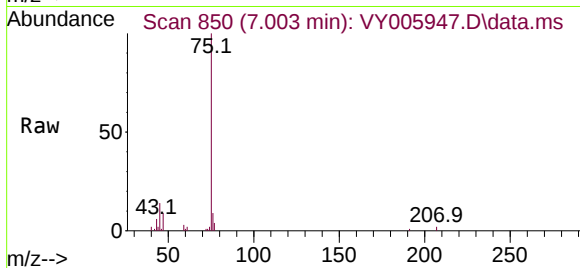
ClientSampled :

Tgt Ion: 43 Resp: 1158

Ion Ratio Lower Upper

43 100

72 16.5 22.3 33.5#



#33

1,2-Dichloroethane-d4

Concen: 55.890 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY005947.D

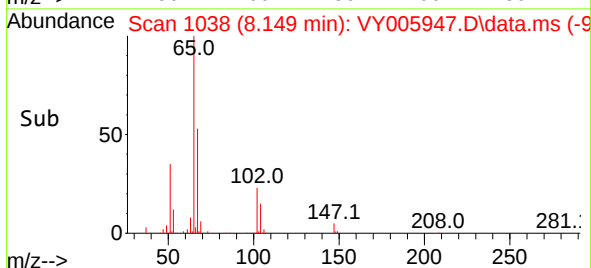
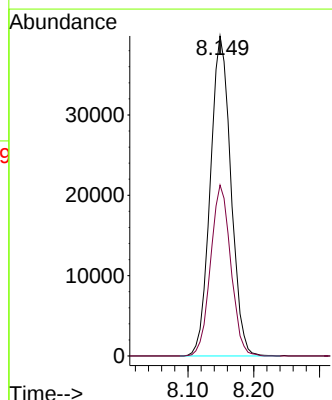
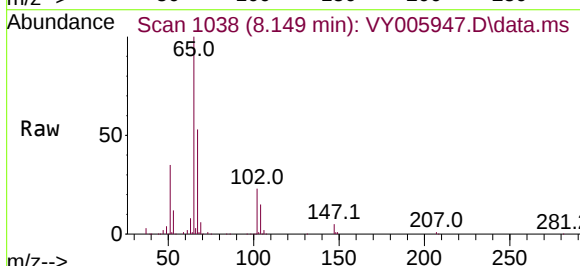
Acq: 07 Sep 2021 16:25

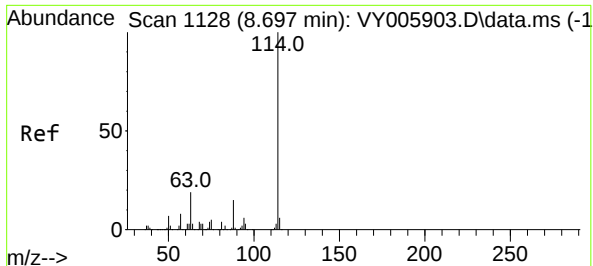
Tgt Ion: 65 Resp: 86728

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.4

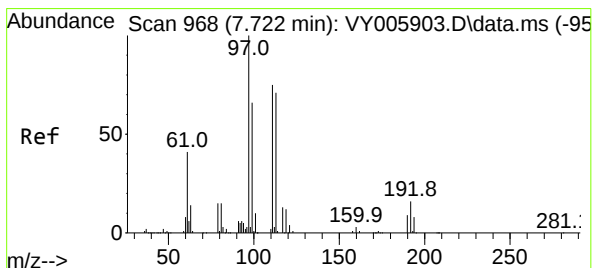
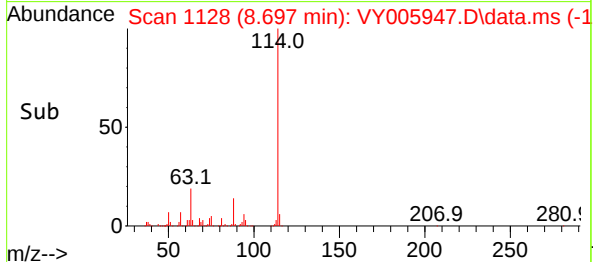
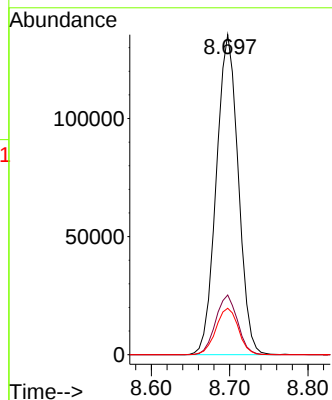
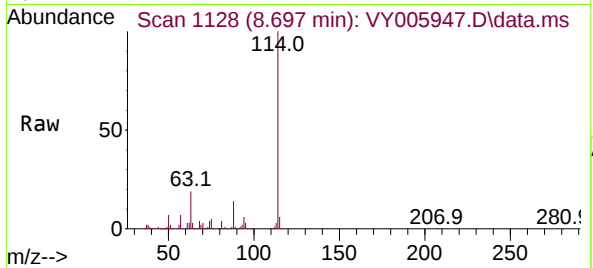




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005947.D
Acq: 07 Sep 2021 16:25

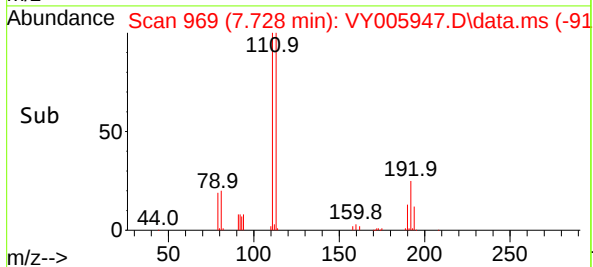
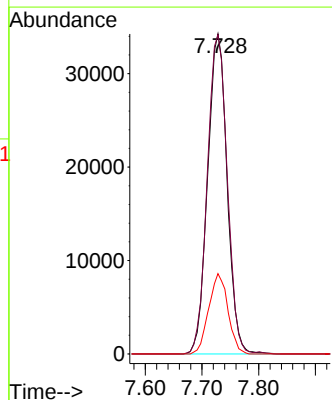
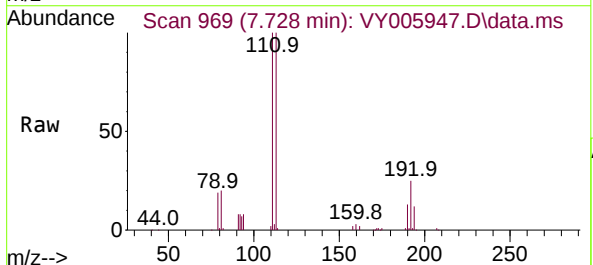
Instrument :
MSVOA_Y
ClientSampled :

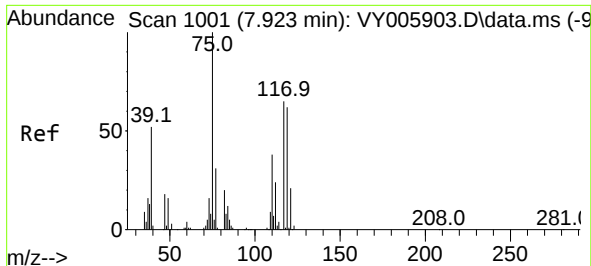
Tgt Ion:114 Resp: 264139
Ion Ratio Lower Upper
114 100
63 18.7 0.0 38.4
88 14.5 0.0 30.0



#35
Dibromofluoromethane
Concen: 55.095 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY005947.D
Acq: 07 Sep 2021 16:25

Tgt Ion:113 Resp: 81727
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 24.7 19.4 29.0





#36

1,1-Dichloropropene

Concen: 4.146 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

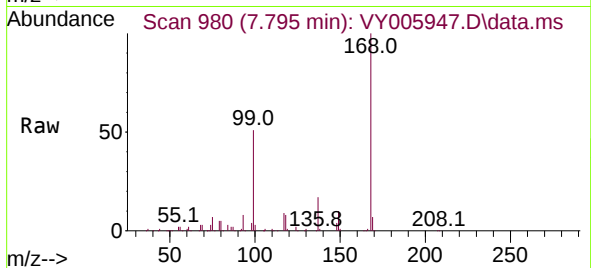
Lab File: VY005947.D

Acq: 07 Sep 2021 16:25

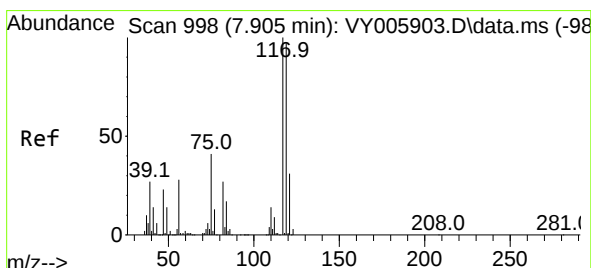
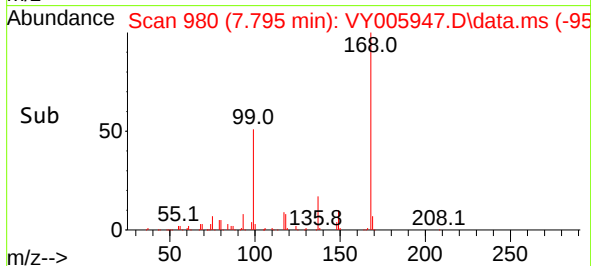
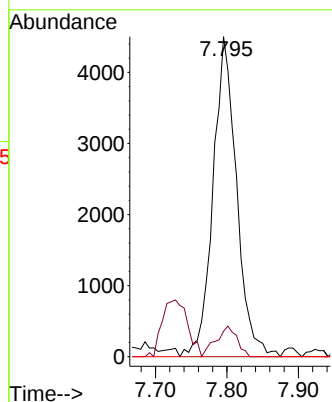
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	75	Resp:	10310
Ion Ratio	Lower	Upper	
75	100		
110	8.5	18.1	54.3#
77	0.0	24.9	37.3#



#38

Carbon Tetrachloride

Concen: 5.190 ug/l

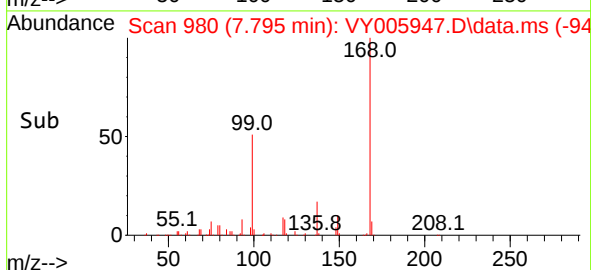
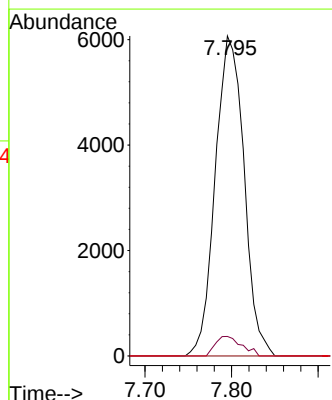
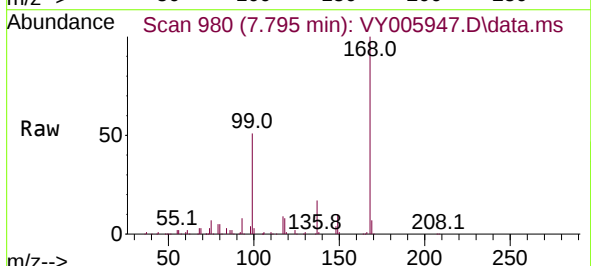
RT: 7.795 min Scan# 980

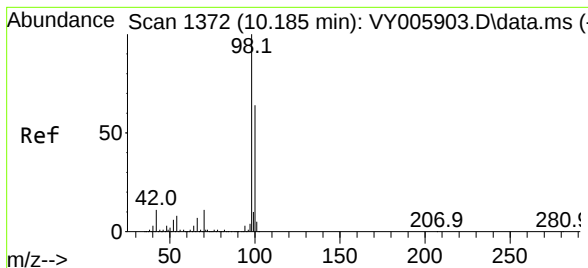
Delta R.T. -0.110 min

Lab File: VY005947.D

Acq: 07 Sep 2021 16:25

Tgt Ion:	117	Resp:	13989
Ion Ratio	Lower	Upper	
117	100		
119	6.1	77.5	116.3#
121	0.0	25.0	37.6#

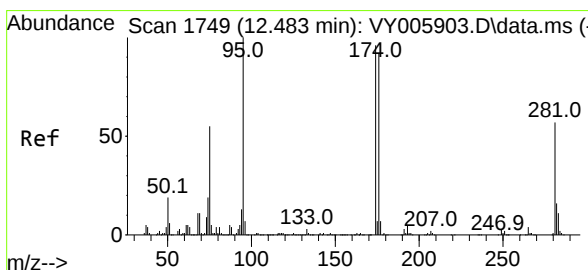
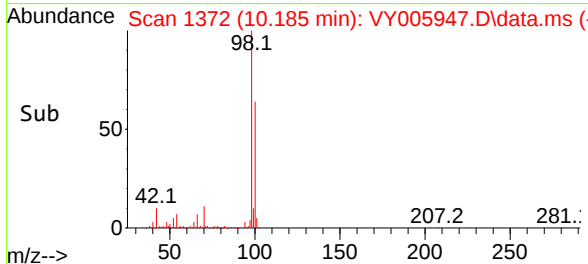
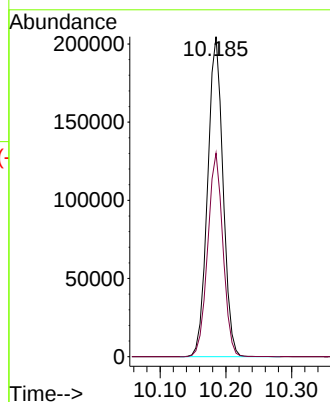
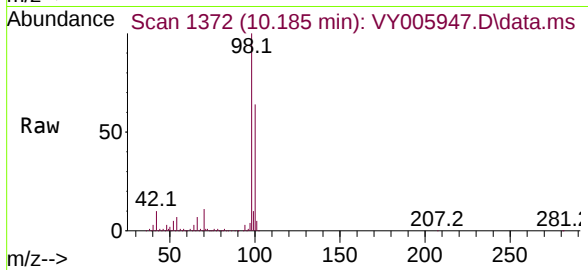




#50
Toluene-d8
Concen: 53.396 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005947.D
Acq: 07 Sep 2021 16:25

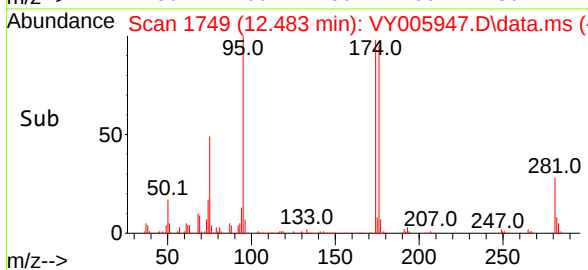
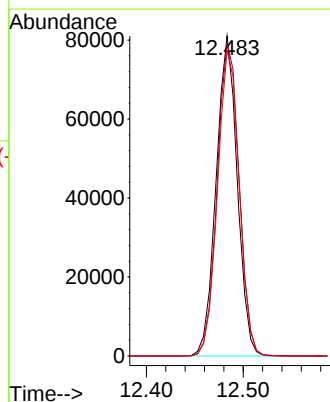
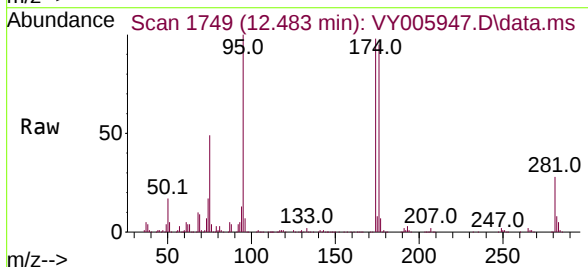
Instrument :
MSVOA_Y
ClientSampled :

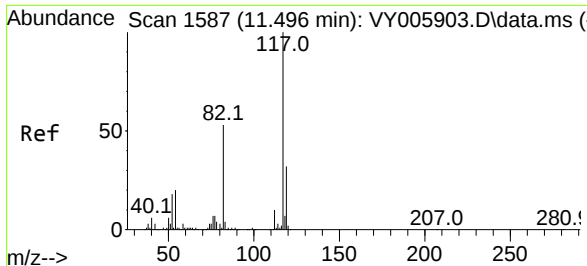
Tgt Ion: 98 Resp: 332420
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 58.553 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005947.D
Acq: 07 Sep 2021 16:25

Tgt Ion: 95 Resp: 122400
Ion Ratio Lower Upper
95 100
174 101.6 0.0 192.4
176 97.8 0.0 186.8

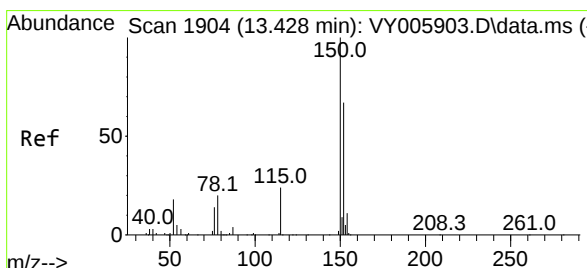
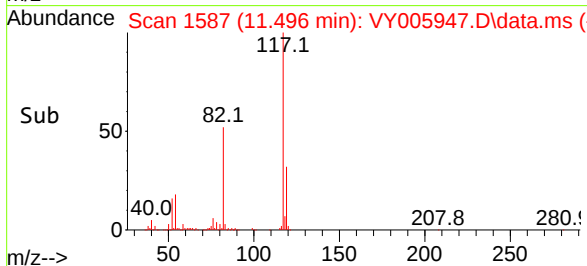
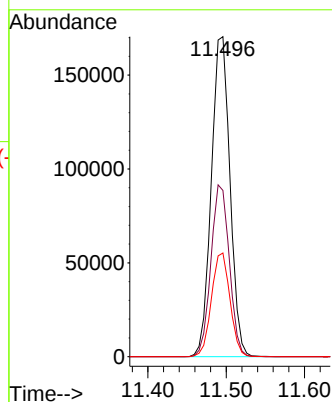
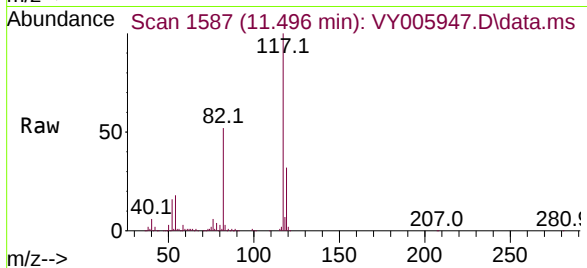




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005947.D
Acq: 07 Sep 2021 16:25

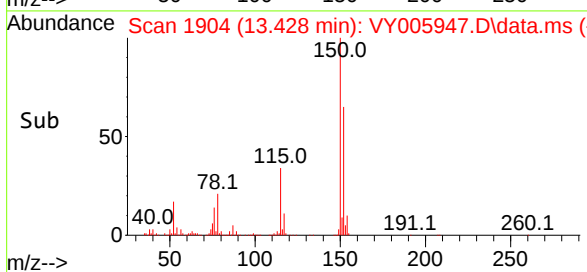
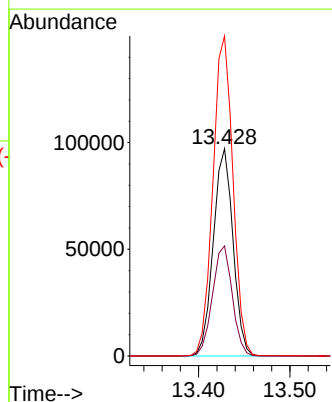
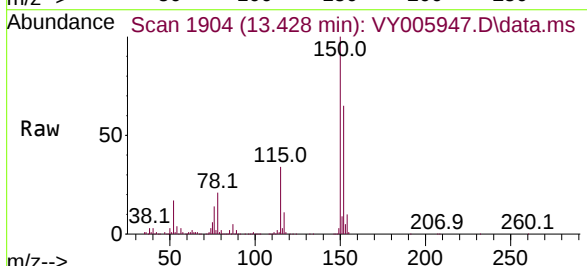
Instrument :
MSVOA_Y
ClientSampled :

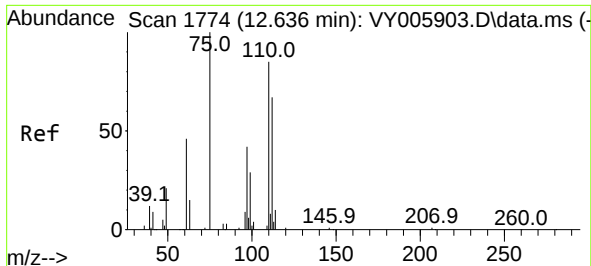
Tgt Ion:117 Resp: 281585
Ion Ratio Lower Upper
117 100
82 52.0 42.4 63.6
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005947.D
Acq: 07 Sep 2021 16:25

Tgt Ion:152 Resp: 145638
Ion Ratio Lower Upper
152 100
115 53.3 26.8 80.4
150 156.2 0.0 345.6

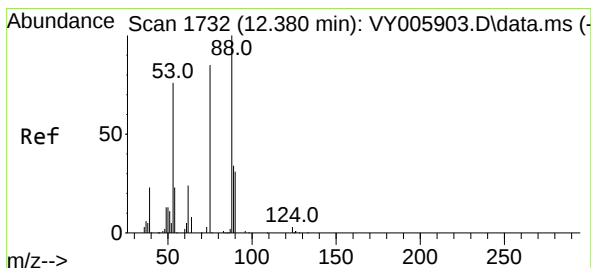
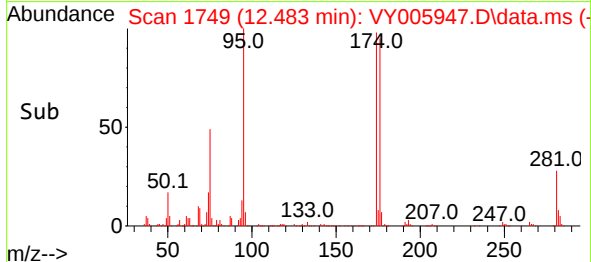
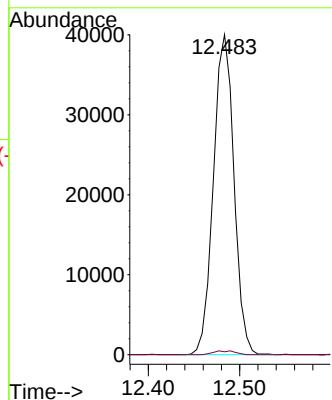
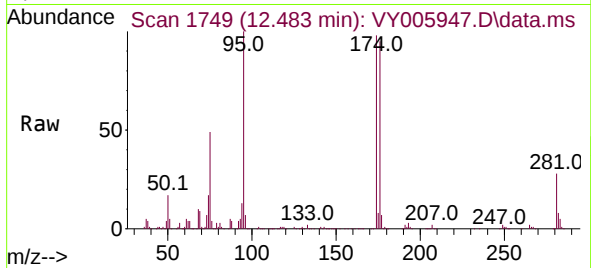




#76
1,2,3-Trichloropropane
Concen: 45.815 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005947.D
Acq: 07 Sep 2021 16:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 62451
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.129 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005947.D
Acq: 07 Sep 2021 16:25

Tgt Ion: 75 Resp: 62451
Ion Ratio Lower Upper
75 100
53 0.0 71.8 107.8#
89 0.1 35.8 53.6#

