

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090721\
 Data File : VY005949.D
 Acq On : 07 Sep 2021 17:11
 Operator : SY/MD
 Sample : M3658-05
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 08 02:14:31 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)

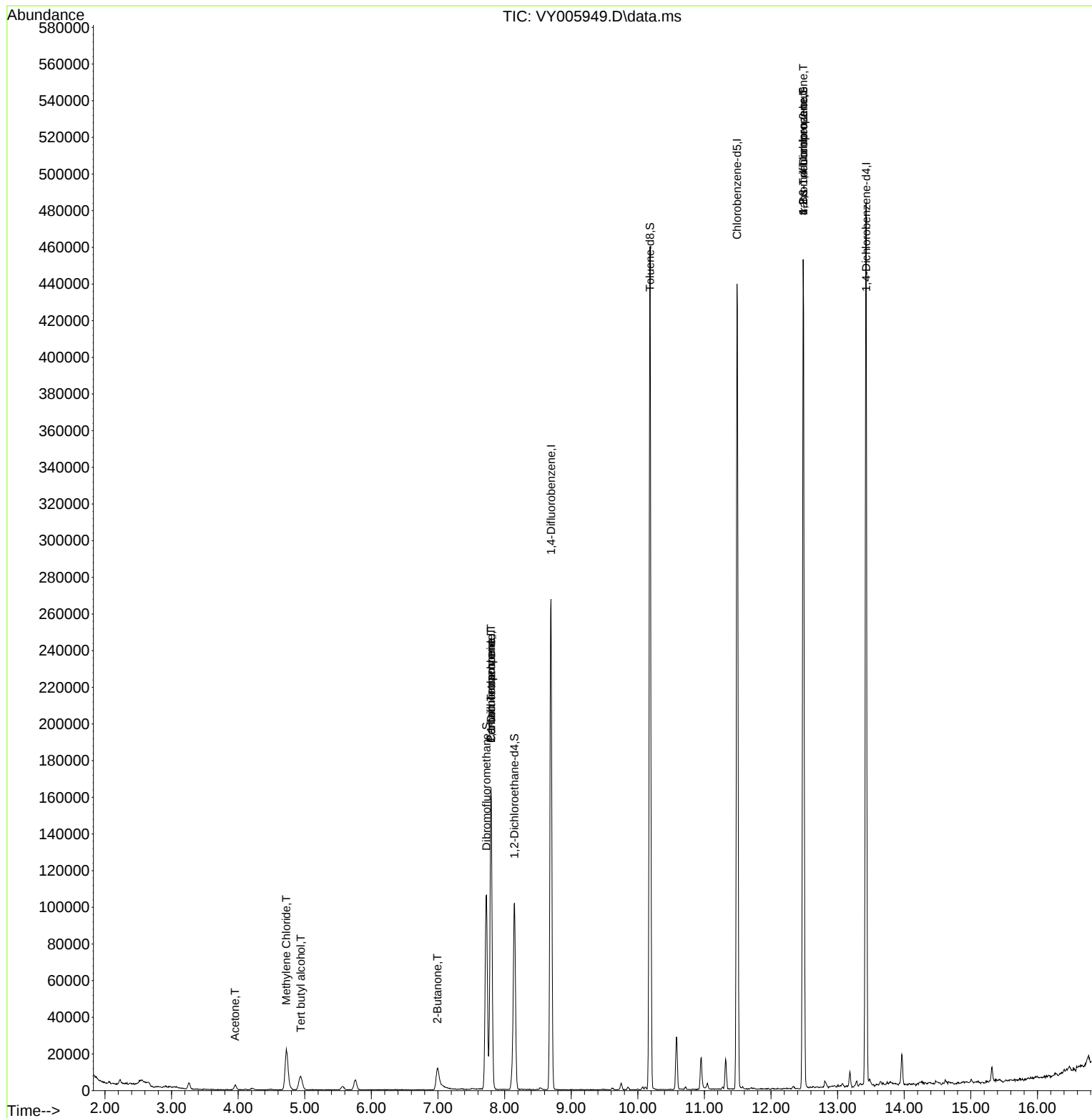
Internal Standards						
1) Pentafluorobenzene	7.795	168	137059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	237417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	254137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	79347	57.449	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.900%
35) Dibromofluoromethane	7.728	113	74708	56.031	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.060%
50) Toluene-d8	10.185	98	301814	53.936	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.880%
62) 4-Bromofluorobenzene	12.483	95	112851	60.061	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.120%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	7975	29.363	ug/l #	83
16) Acetone	3.954	43	4342	12.329	ug/l	91
20) Methylene Chloride	4.722	84	17291	8.662	ug/l	93
25) 2-Butanone	6.990	43	1146	2.303	ug/l #	71
36) 1,1-Dichloropropene	7.795	75	9584	4.287	ug/l #	49
38) Carbon Tetrachloride	7.795	117	11764	4.855	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	57249	47.298	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	57249	89.950	ug/l #	14

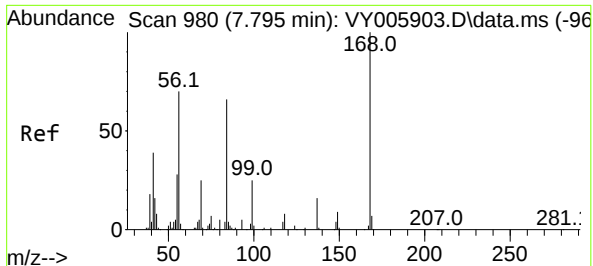
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

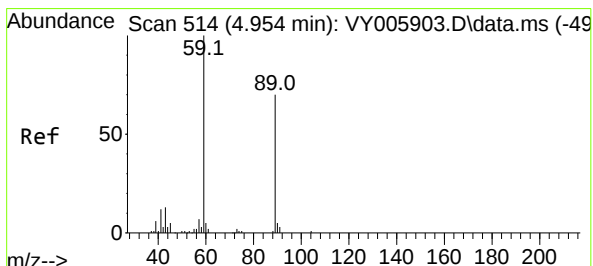
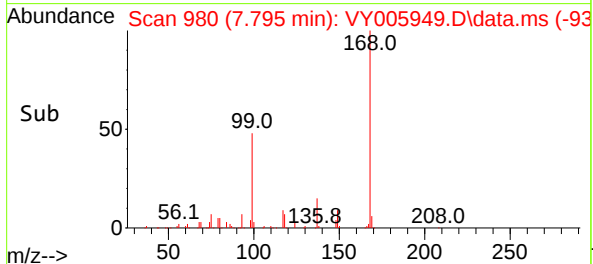
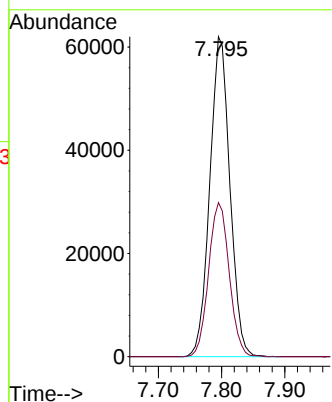
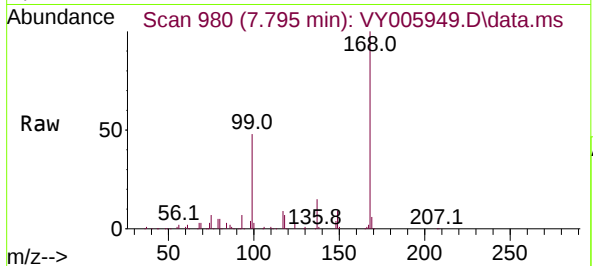




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005949.D
Acq: 07 Sep 2021 17:11

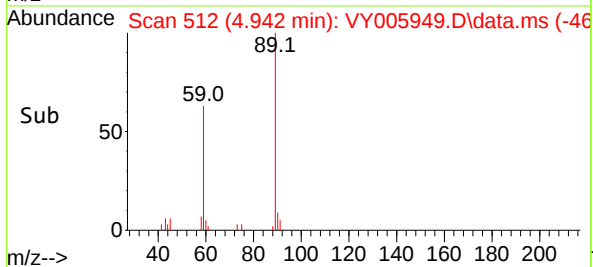
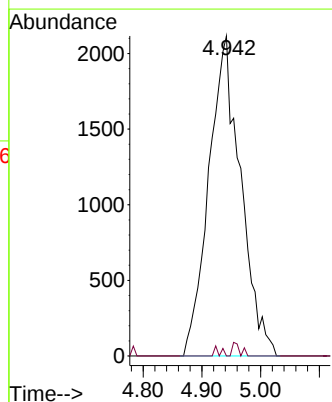
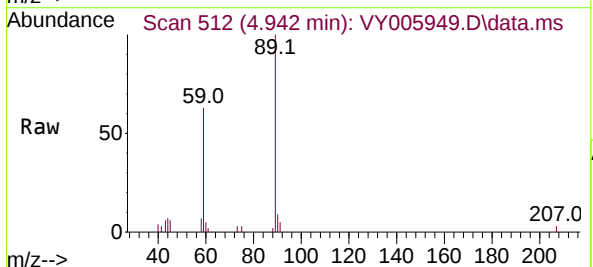
Instrument :
MSVOA_Y
ClientSampleId :

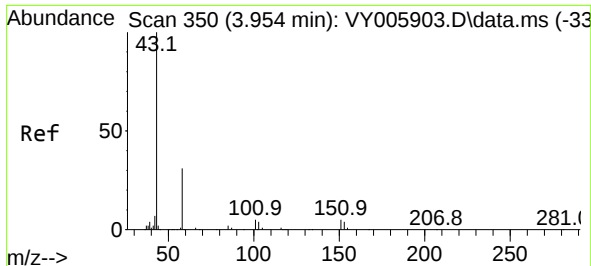
Tgt Ion:168 Resp: 137059
Ion Ratio Lower Upper
168 100
99 48.2 40.6 60.8



#11
Tert butyl alcohol
Concen: 29.363 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY005949.D
Acq: 07 Sep 2021 17:11

Tgt Ion: 59 Resp: 7975
Ion Ratio Lower Upper
59 100
57 1.0 5.5 8.3#

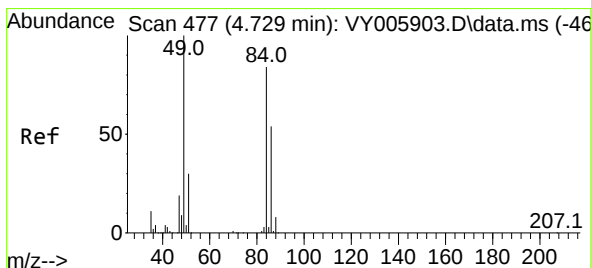
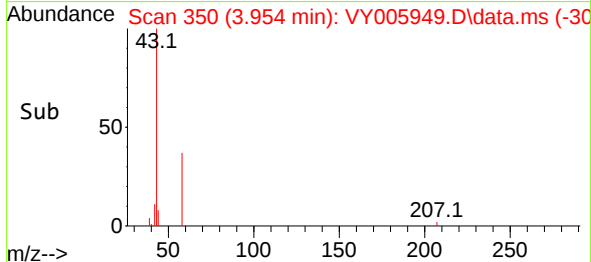
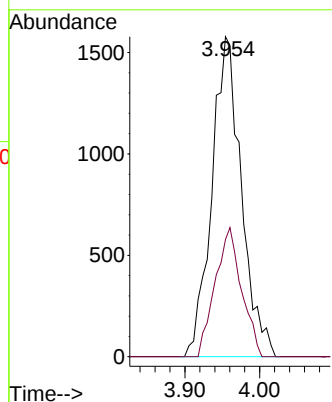
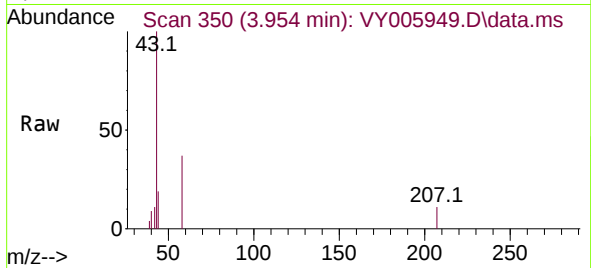




#16
Acetone
Concen: 12.329 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY005949.D
Acq: 07 Sep 2021 17:11

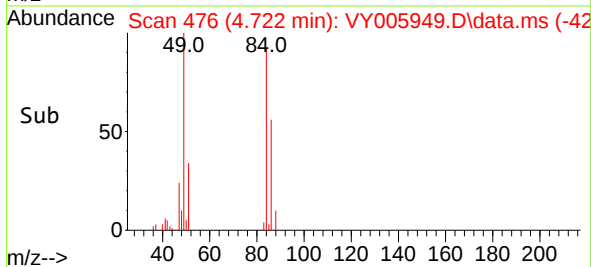
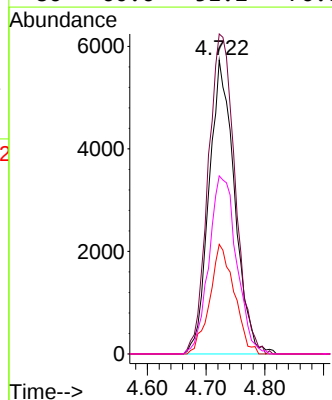
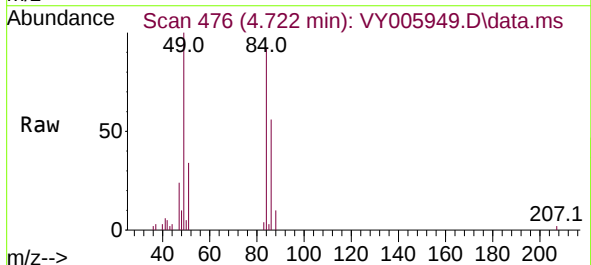
Instrument :
MSVOA_Y
ClientSampled :

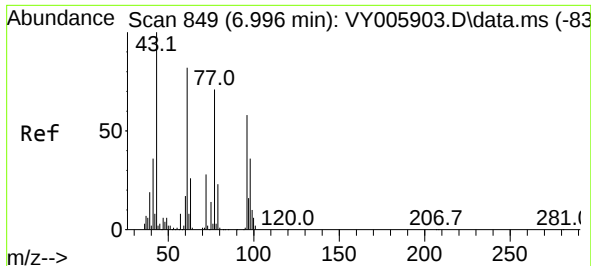
Tgt Ion: 43 Resp: 4342
Ion Ratio Lower Upper
43 100
58 36.6 25.1 37.7



#20
Methylene Chloride
Concen: 8.662 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005949.D
Acq: 07 Sep 2021 17:11

Tgt Ion: 84 Resp: 17291
Ion Ratio Lower Upper
84 100
49 108.9 95.7 143.5
51 37.3 29.0 43.6
86 60.6 51.2 76.8





#25

2-Butanone

Concen: 2.303 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY005949.D

Acq: 07 Sep 2021 17:11

Instrument :

MSVOA_Y

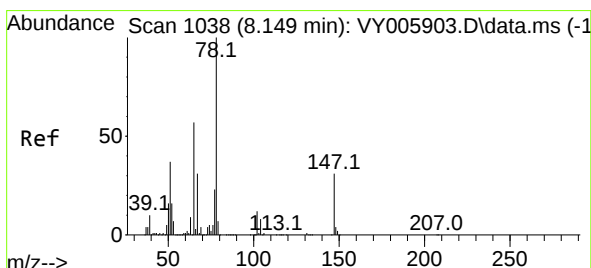
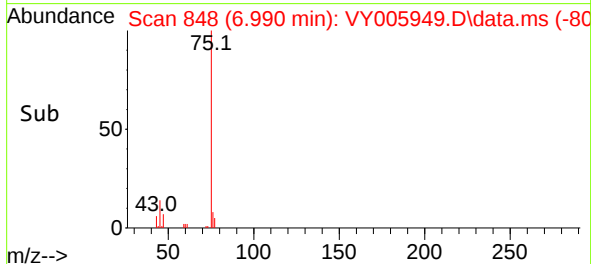
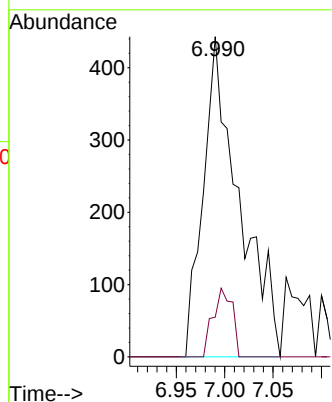
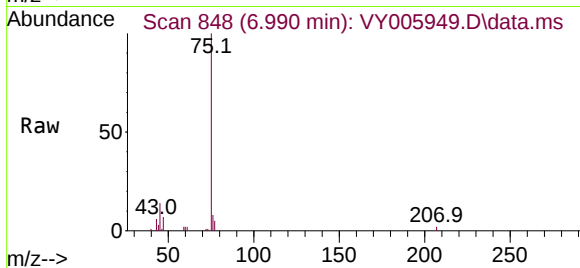
ClientSampled :

Tgt Ion: 43 Resp: 1146

Ion Ratio Lower Upper

43 100

72 12.4 22.3 33.5#



#33

1,2-Dichloroethane-d4

Concen: 57.449 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY005949.D

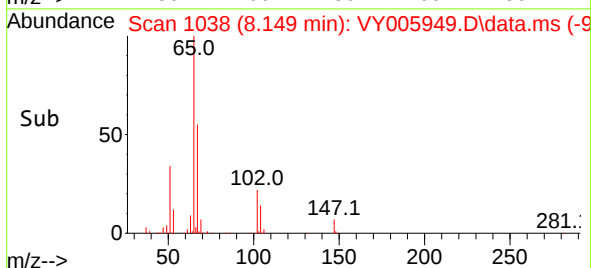
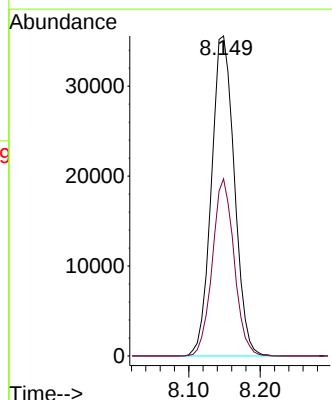
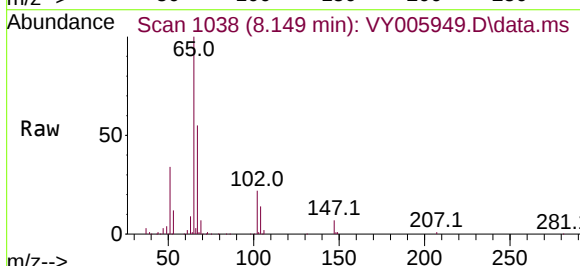
Acq: 07 Sep 2021 17:11

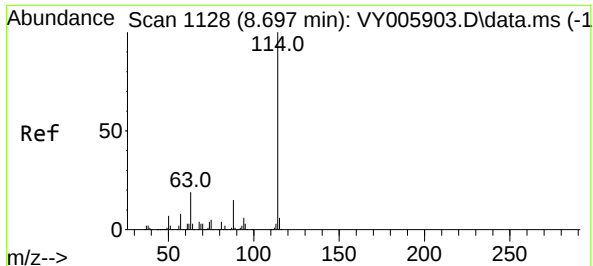
Tgt Ion: 65 Resp: 79347

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.4

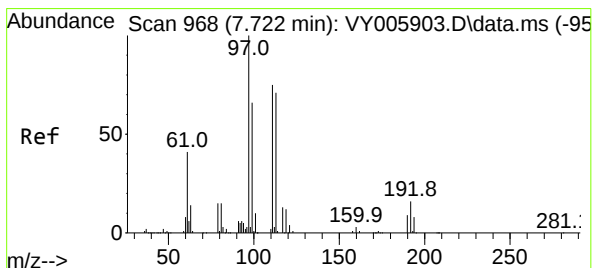
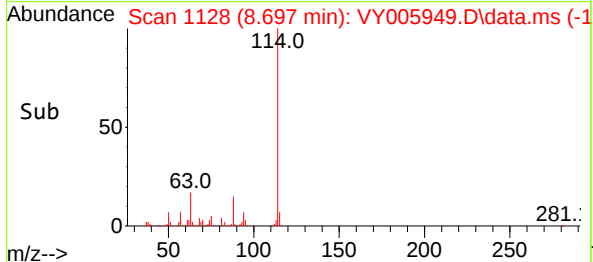
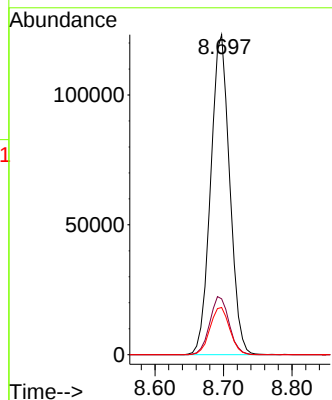
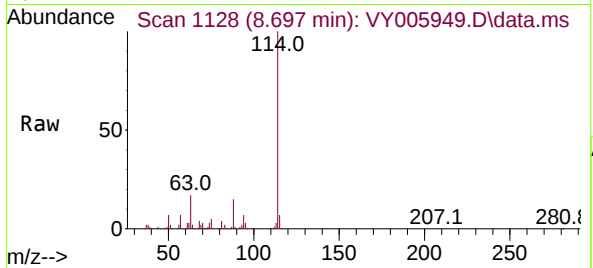




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005949.D
Acq: 07 Sep 2021 17:11

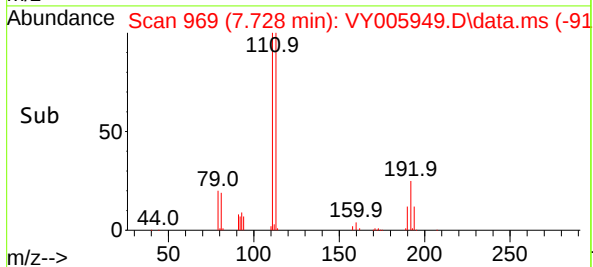
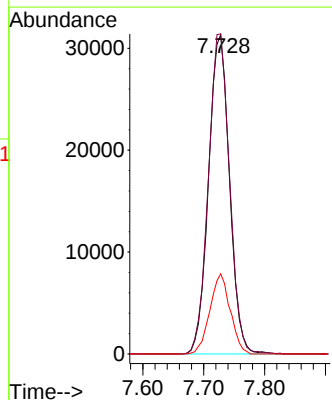
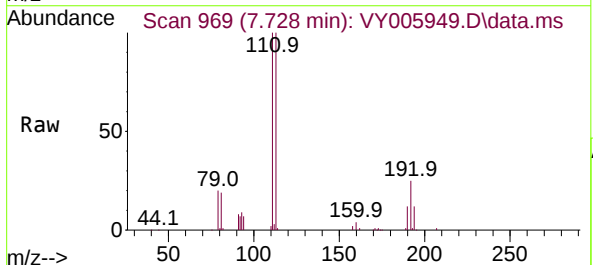
Instrument :
MSVOA_Y
ClientSampleId :

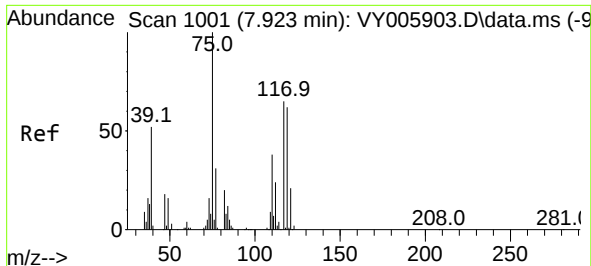
Tgt Ion:114 Resp: 237417
Ion Ratio Lower Upper
114 100
63 17.5 0.0 38.4
88 14.8 0.0 30.0



#35
Dibromofluoromethane
Concen: 56.031 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY005949.D
Acq: 07 Sep 2021 17:11

Tgt Ion:113 Resp: 74708
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 24.4 19.4 29.0





#36

1,1-Dichloropropene

Concen: 4.287 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005949.D

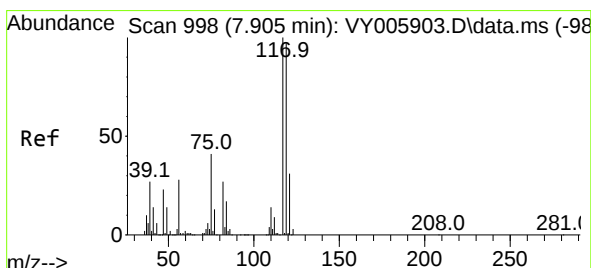
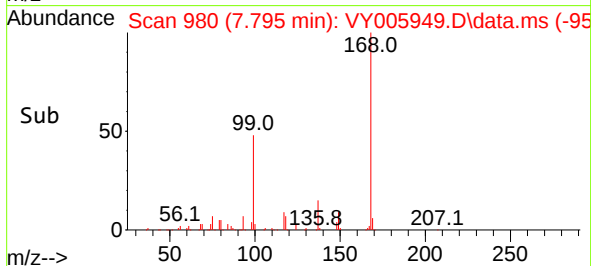
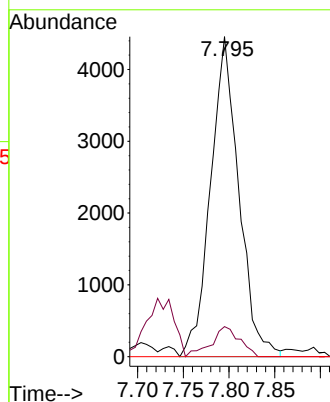
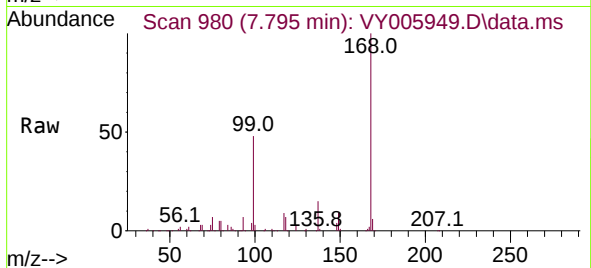
Acq: 07 Sep 2021 17:11

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp:	9584
Ion Ratio	Lower	Upper
75	100	
110	9.1	18.1 54.3#
77	0.0	24.9 37.3#



#38

Carbon Tetrachloride

Concen: 4.855 ug/l

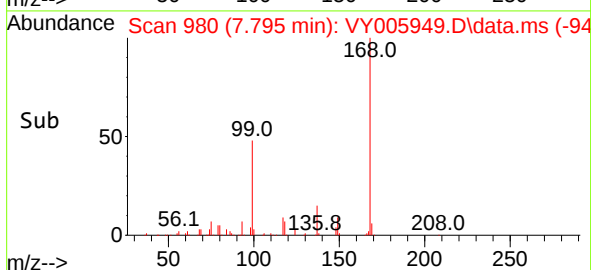
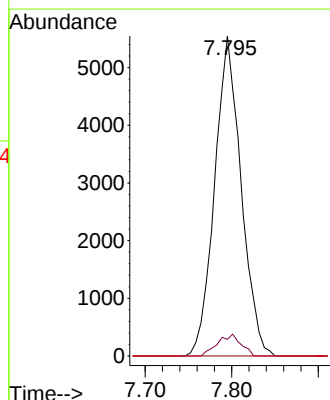
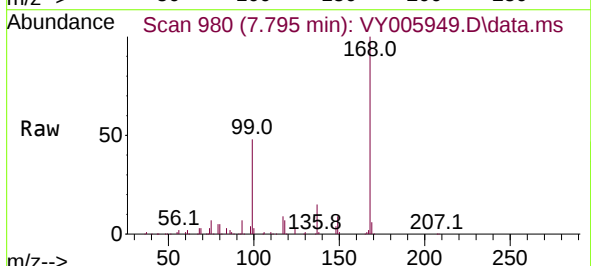
RT: 7.795 min Scan# 980

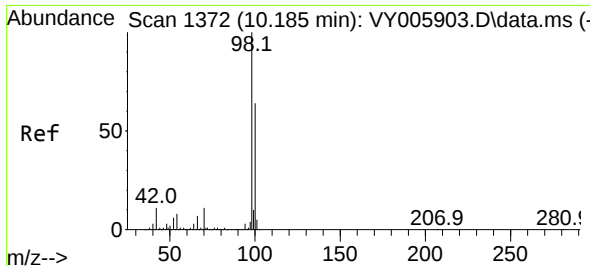
Delta R.T. -0.110 min

Lab File: VY005949.D

Acq: 07 Sep 2021 17:11

Tgt Ion: 117	Resp:	11764
Ion Ratio	Lower	Upper
117	100	
119	5.2	77.5 116.3#
121	0.0	25.0 37.6#

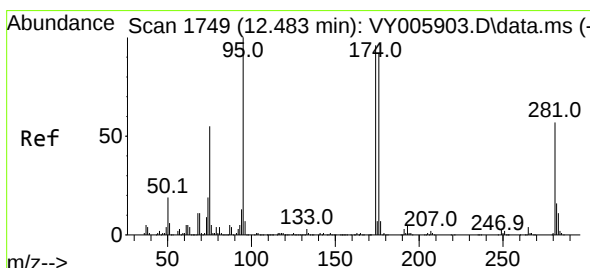
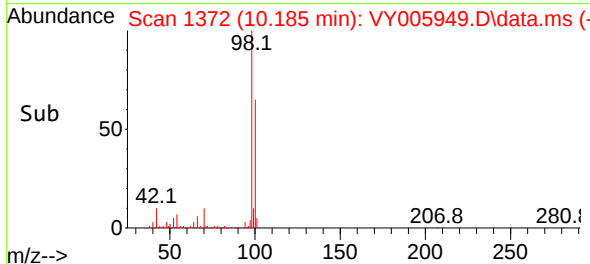
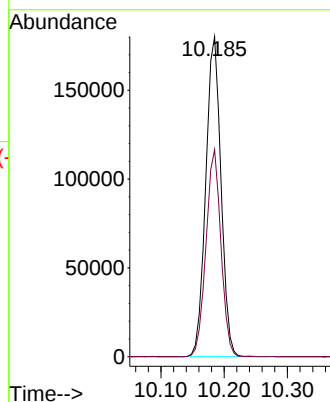
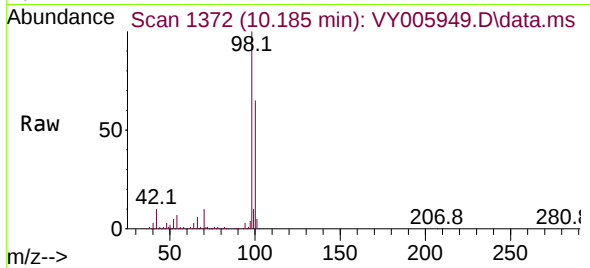




#50
Toluene-d8
Concen: 53.936 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005949.D
Acq: 07 Sep 2021 17:11

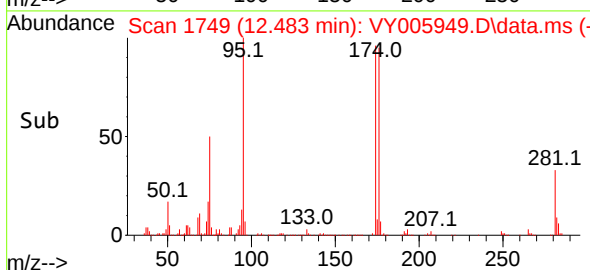
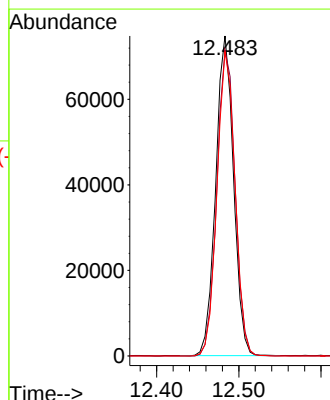
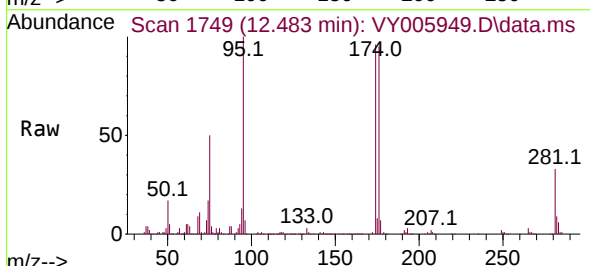
Instrument :
MSVOA_Y
ClientSampleId :

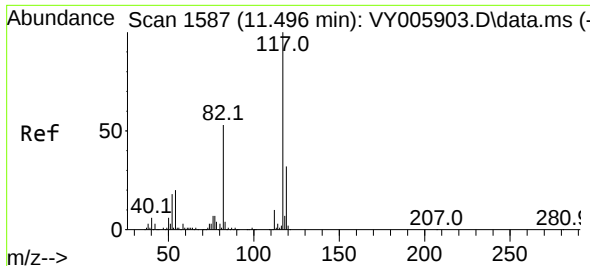
Tgt Ion: 98 Resp: 301814
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 60.061 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005949.D
Acq: 07 Sep 2021 17:11

Tgt Ion: 95 Resp: 112851
Ion Ratio Lower Upper
95 100
174 97.7 0.0 192.4
176 96.0 0.0 186.8

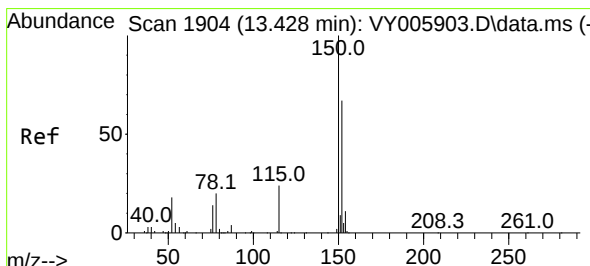
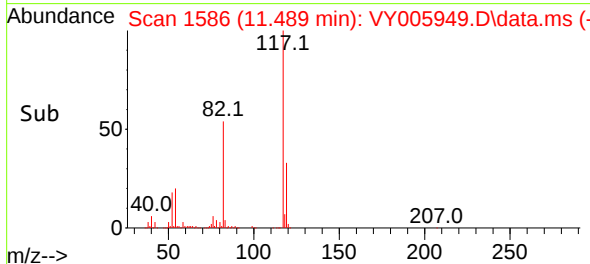
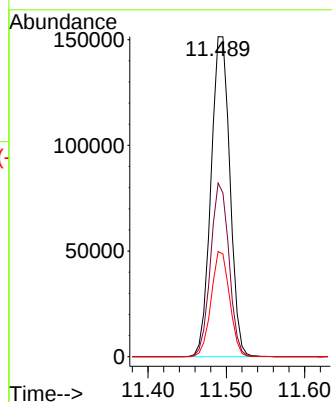
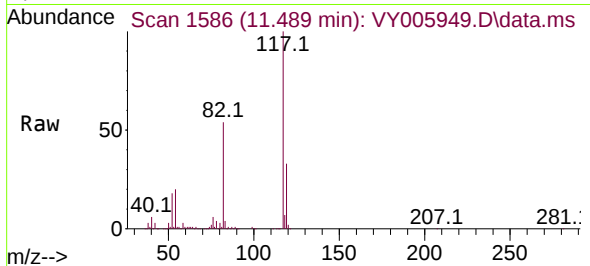




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005949.D
Acq: 07 Sep 2021 17:11

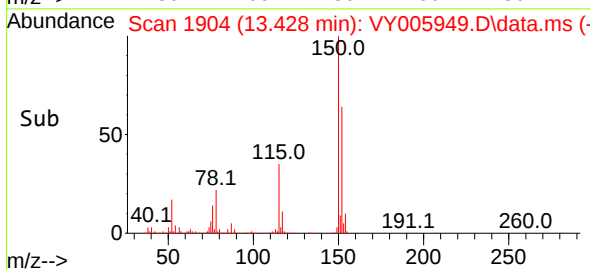
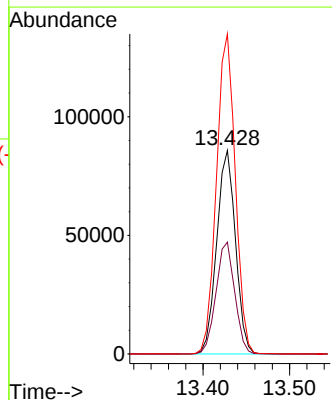
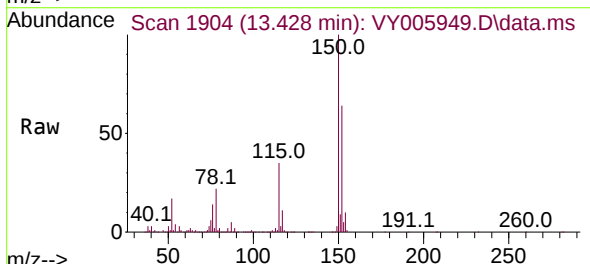
Instrument :
MSVOA_Y
ClientSampleId :

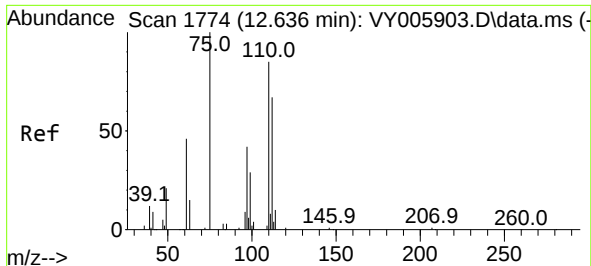
Tgt Ion:117 Resp: 254137
Ion Ratio Lower Upper
117 100
82 54.3 42.4 63.6
119 32.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005949.D
Acq: 07 Sep 2021 17:11

Tgt Ion:152 Resp: 129320
Ion Ratio Lower Upper
152 100
115 54.9 26.8 80.4
150 157.2 0.0 345.6

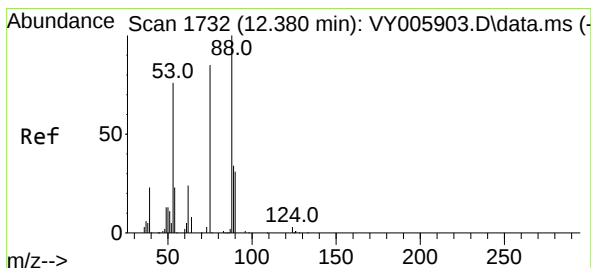
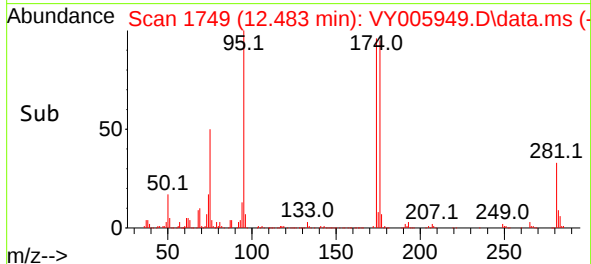
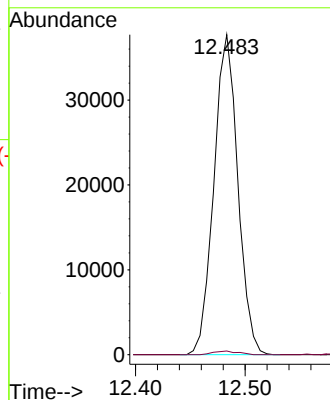
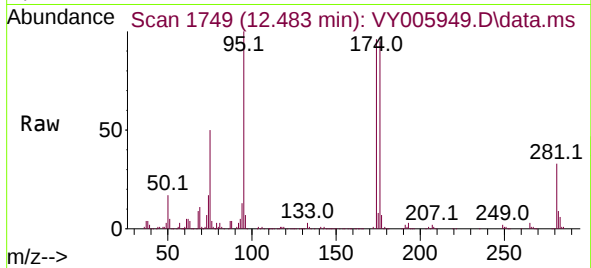




#76
1,2,3-Trichloropropane
Concen: 47.298 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005949.D
Acq: 07 Sep 2021 17:11

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 57249
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.950 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005949.D
Acq: 07 Sep 2021 17:11

Tgt Ion: 75 Resp: 57249
Ion Ratio Lower Upper
75 100
53 0.1 71.8 107.8#
89 0.4 35.8 53.6#

