

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080521\
 Data File : VY005561.D
 Acq On : 05 Aug 2021 17:44
 Operator : SY/MD
 Sample : M3294-01
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 06 04:41:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

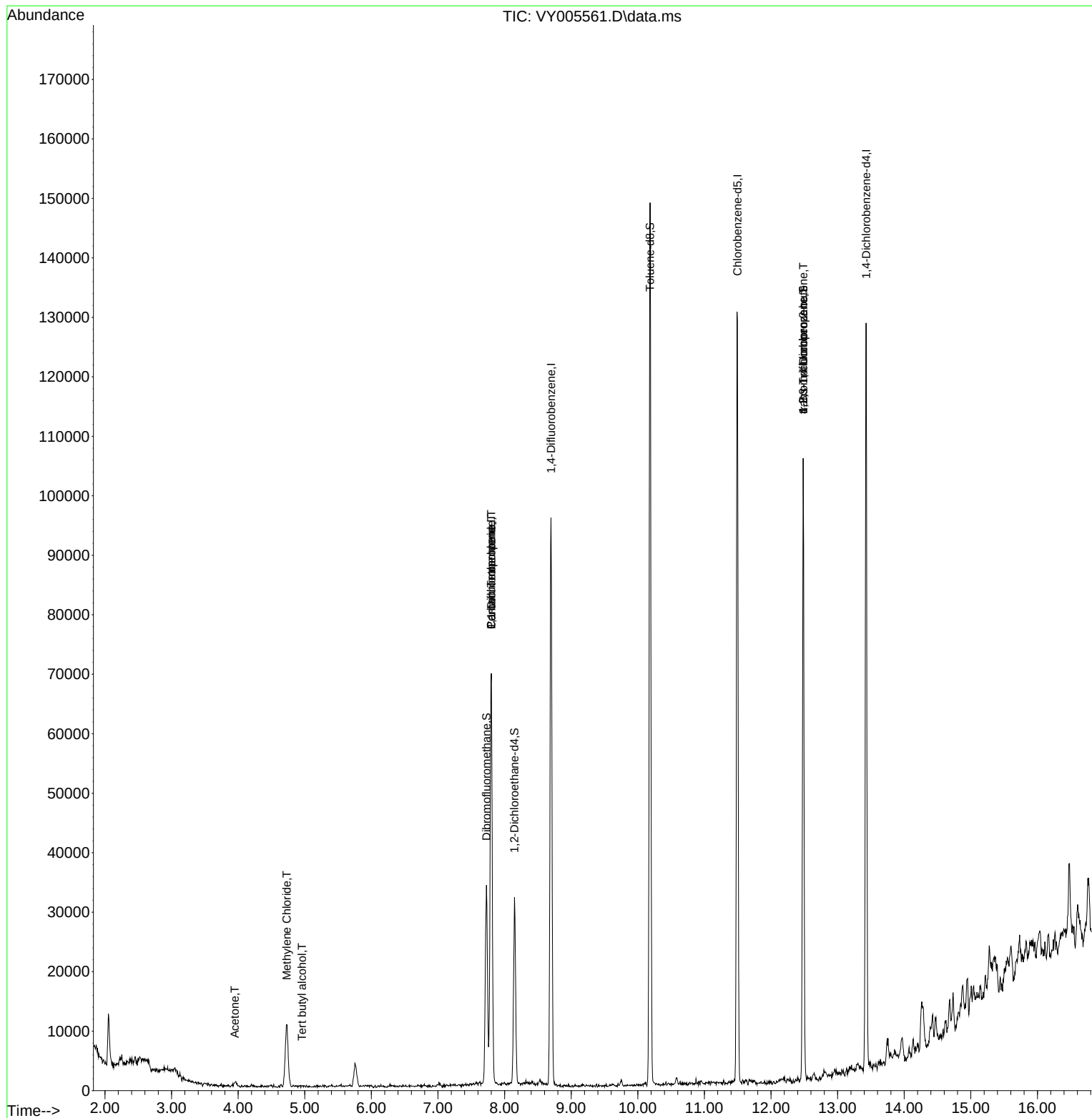
Internal Standards						
1) Pentafluorobenzene	7.801	168	56774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	81744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	71165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	32336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	24037	41.826	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.660%
35) Dibromofluoromethane	7.728	113	23150	50.583	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.160%
50) Toluene-d8	10.185	98	98826	51.488	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.980%
62) 4-Bromofluorobenzene	12.483	95	29160	45.877	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.760%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	238	4.189	ug/l #	73
16) Acetone	3.948	43	1199	8.275	ug/l	91
20) Methylene Chloride	4.728	84	7867	8.687	ug/l #	94
36) 1,1-Dichloropropene	7.801	75	4232	5.520	ug/l #	47
38) Carbon Tetrachloride	7.801	117	5193	6.232	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	16276	48.571	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	16276	97.914	ug/l #	11

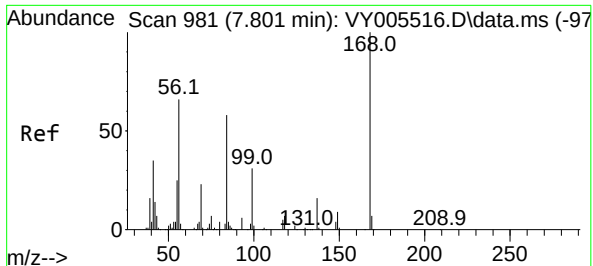
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

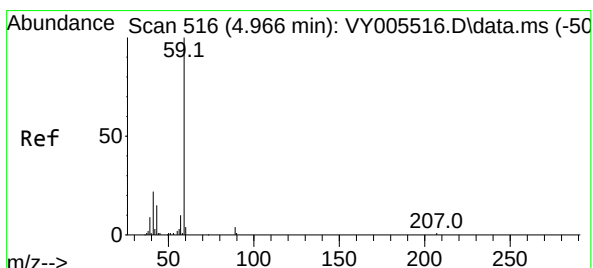
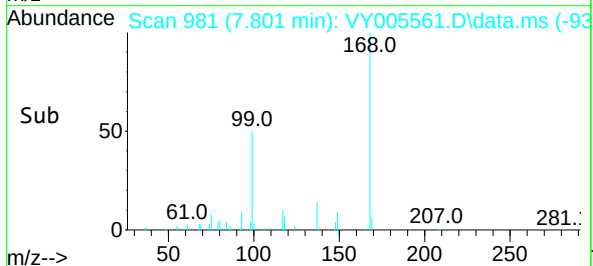
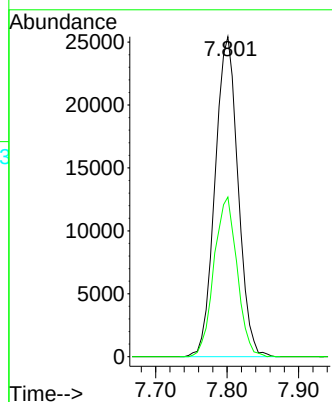
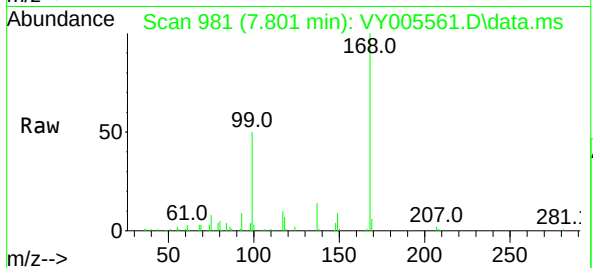




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005561.D
Acq: 05 Aug 2021 17:44

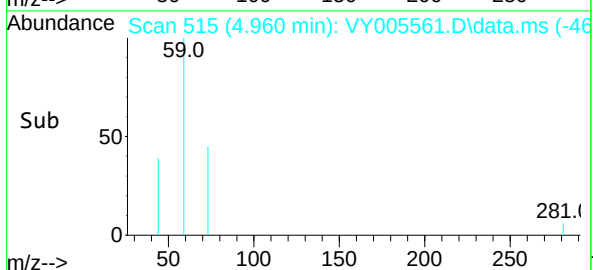
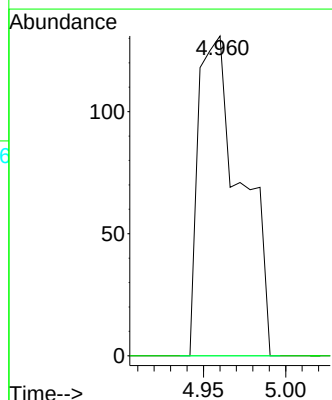
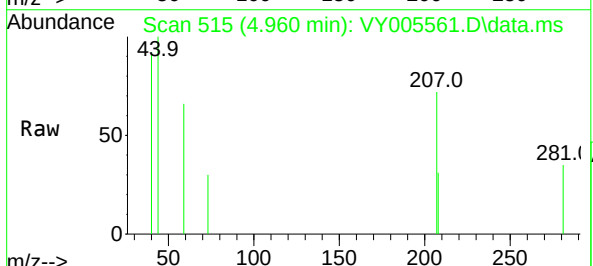
Instrument :
MSVOA_Y
ClientSampleId :

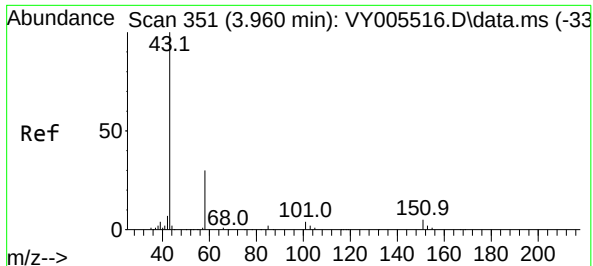
Tgt Ion:168 Resp: 56774
Ion Ratio Lower Upper
168 100
99 49.9 38.9 58.3



#11
Tert butyl alcohol
Concen: 4.189 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY005561.D
Acq: 05 Aug 2021 17:44

Tgt Ion: 59 Resp: 238
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

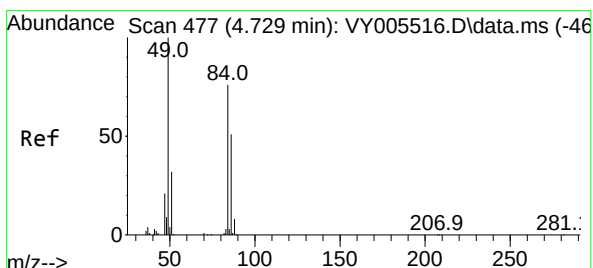
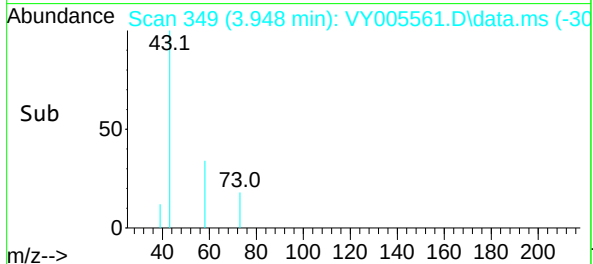
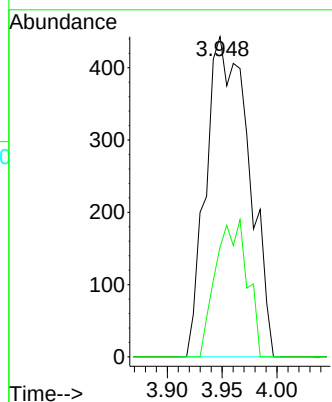
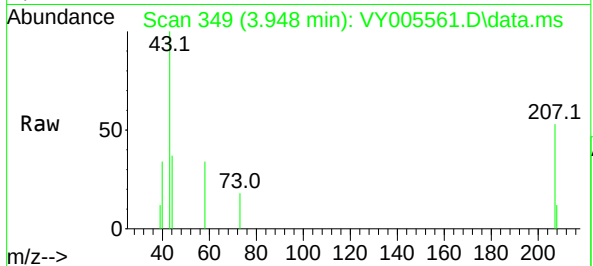




#16
Acetone
Concen: 8.275 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY005561.D
Acq: 05 Aug 2021 17:44

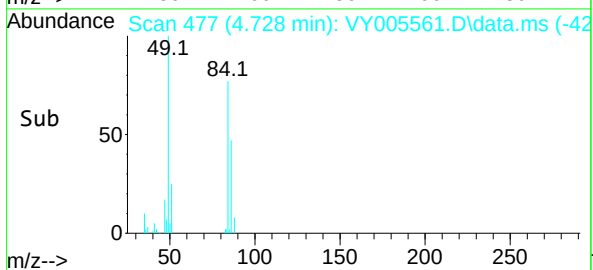
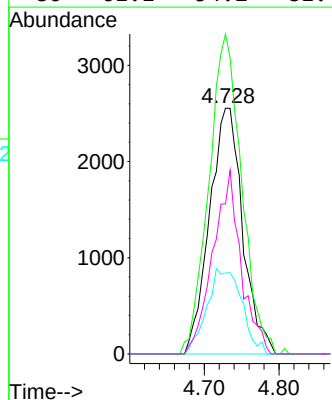
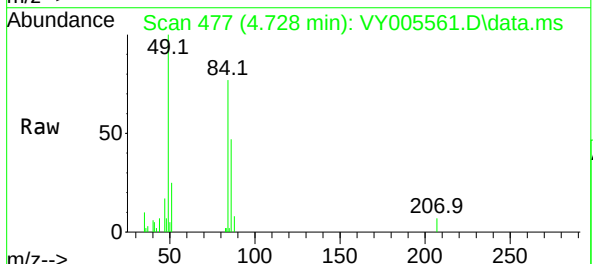
Instrument :
MSVOA_Y
ClientSampled :

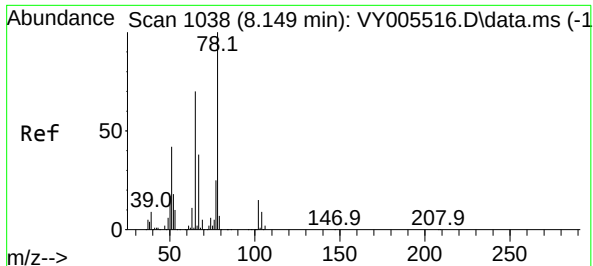
Tgt Ion: 43 Resp: 1199
Ion Ratio Lower Upper
43 100
58 34.3 23.8 35.6



#20
Methylene Chloride
Concen: 8.687 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005561.D
Acq: 05 Aug 2021 17:44

Tgt Ion: 84 Resp: 7867
Ion Ratio Lower Upper
84 100
49 130.2 105.8 158.6
51 33.0 33.4 50.2#
86 61.1 54.2 81.4

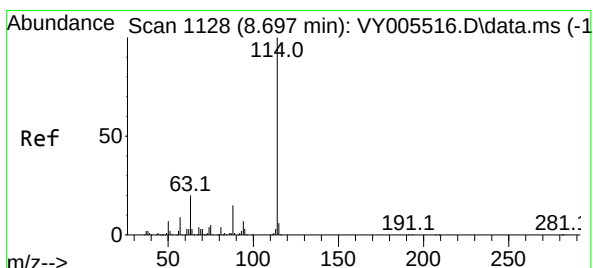
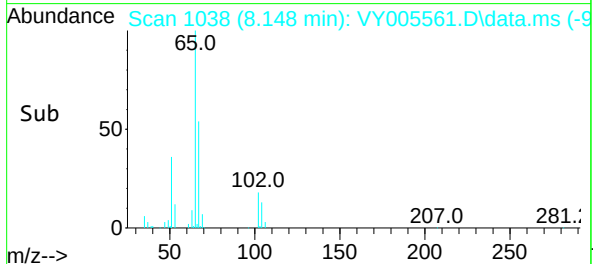
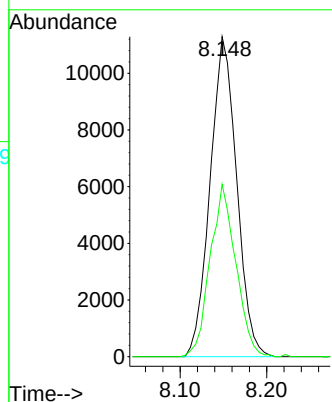
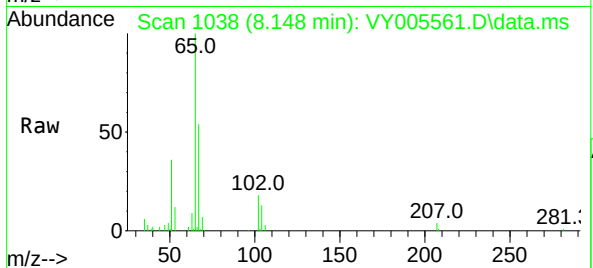




#33
1,2-Dichloroethane-d4
Concen: 41.826 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005561.D
Acq: 05 Aug 2021 17:44

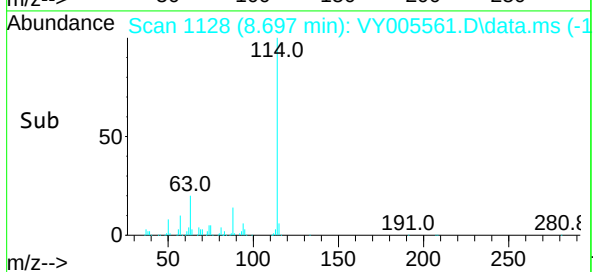
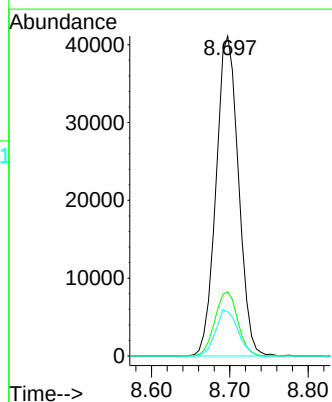
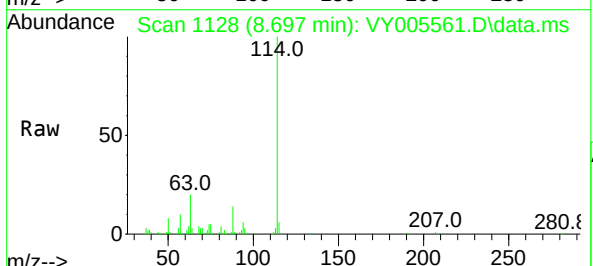
Instrument :
MSVOA_Y
ClientSampleId :

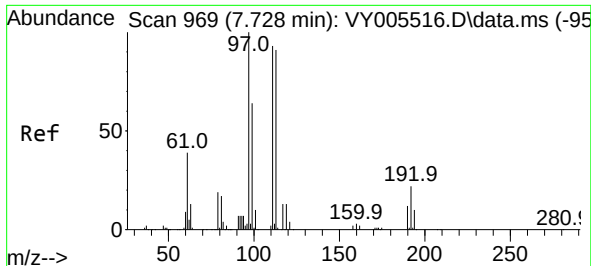
Tgt Ion: 65 Resp: 24037
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005561.D
Acq: 05 Aug 2021 17:44

Tgt Ion: 114 Resp: 81744
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.2
88 13.8 0.0 30.8





#35

Dibromofluoromethane

Concen: 50.583 ug/l

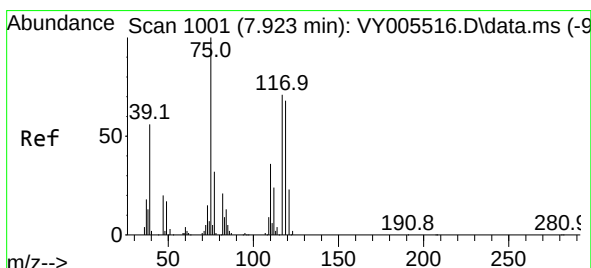
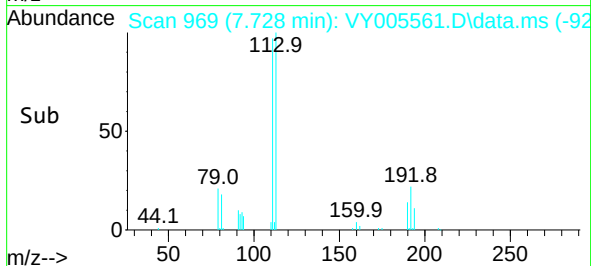
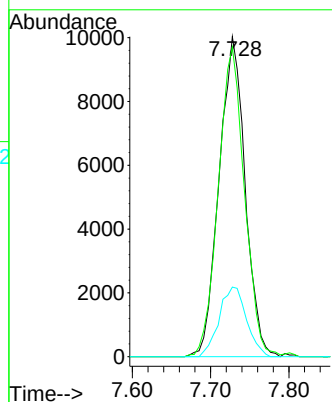
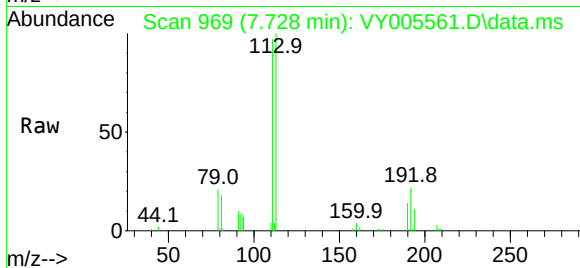
RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY005561.D

Acq: 05 Aug 2021 17:44

Tgt Ion:	113	Resp:	23150
Ion	Ratio	Lower	Upper
113	100		
111	97.9	81.9	122.9
192	22.9	19.2	28.8



#36

1,1-Dichloropropene

Concen: 5.520 ug/l

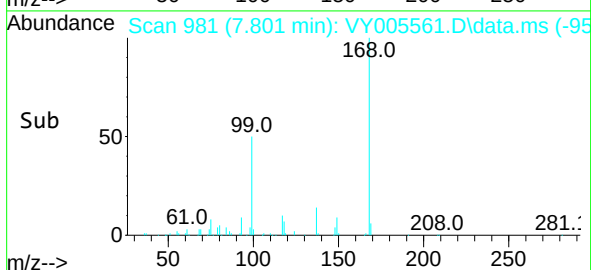
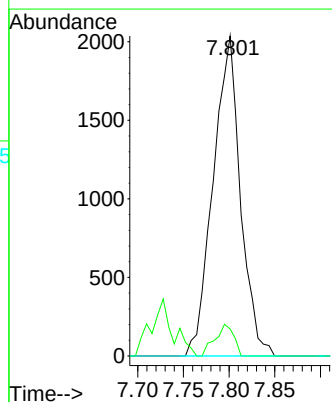
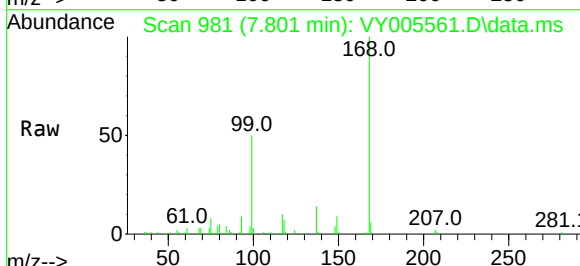
RT: 7.801 min Scan# 981

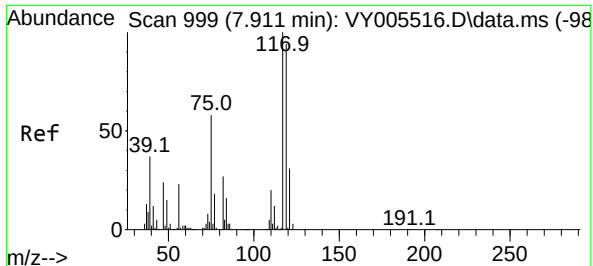
Delta R.T. -0.122 min

Lab File: VY005561.D

Acq: 05 Aug 2021 17:44

Tgt Ion:	75	Resp:	4232
Ion	Ratio	Lower	Upper
75	100		
110	6.8	18.1	54.1#
77	0.0	25.1	37.7#

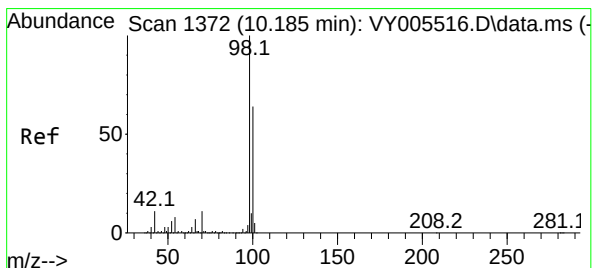
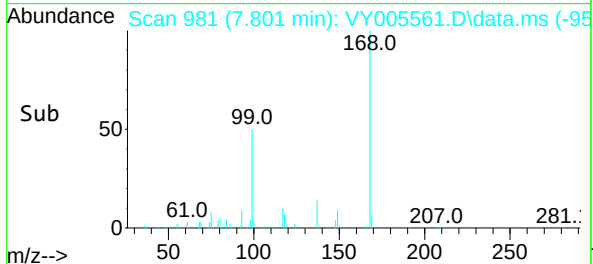
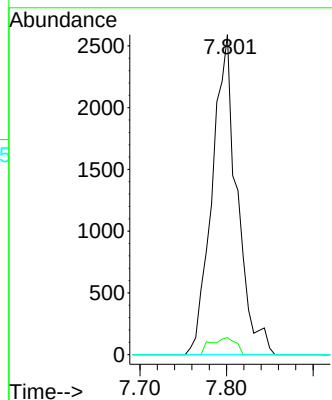
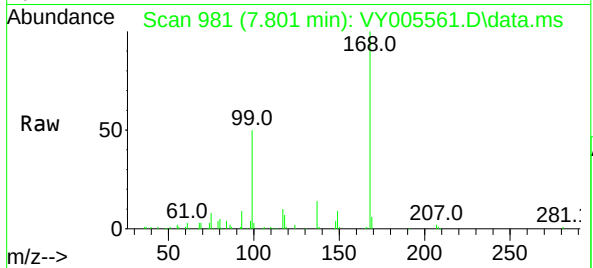




#38
Carbon Tetrachloride
Concen: 6.232 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005561.D
Acq: 05 Aug 2021 17:44

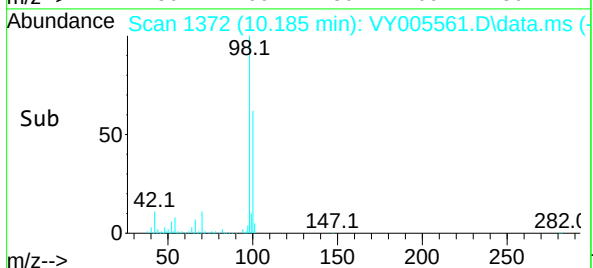
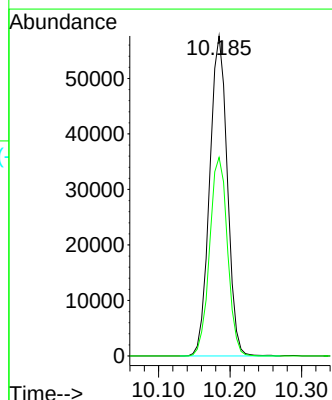
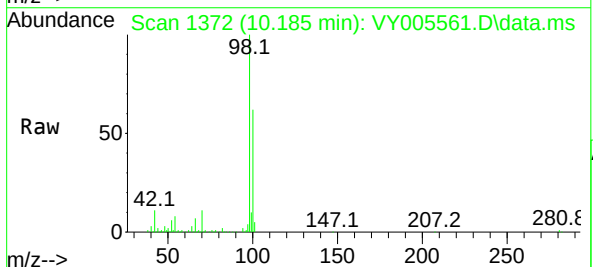
Instrument :
MSVOA_Y
ClientSampleId :

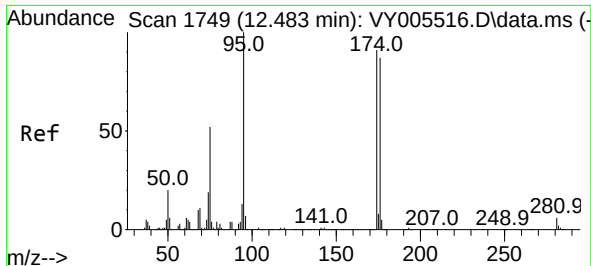
Tgt Ion:117 Resp: 5193
Ion Ratio Lower Upper
117 100
119 5.4 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 51.488 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005561.D
Acq: 05 Aug 2021 17:44

Tgt Ion: 98 Resp: 98826
Ion Ratio Lower Upper
98 100
100 62.7 51.3 76.9

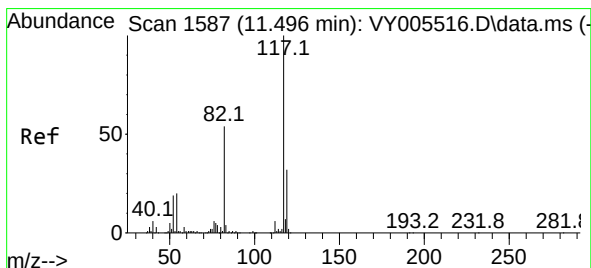
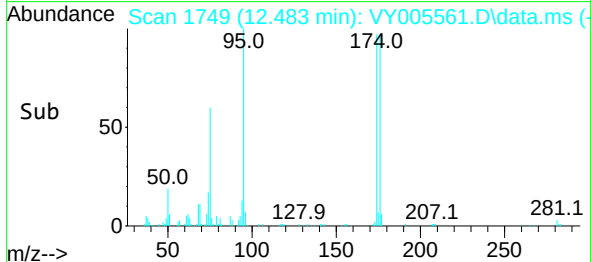
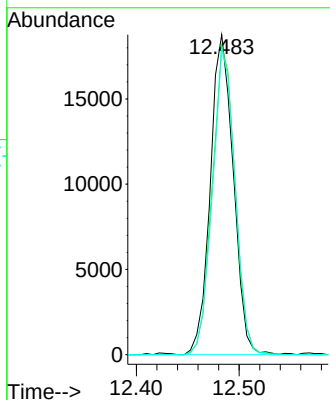
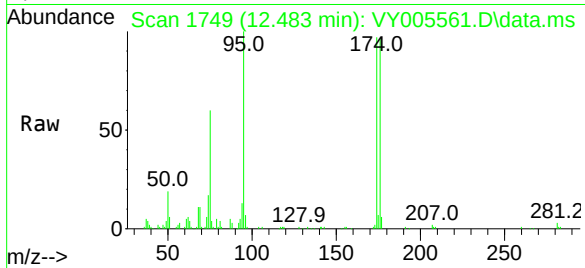




#62
4-Bromofluorobenzene
Concen: 45.877 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005561.D
Acq: 05 Aug 2021 17:44

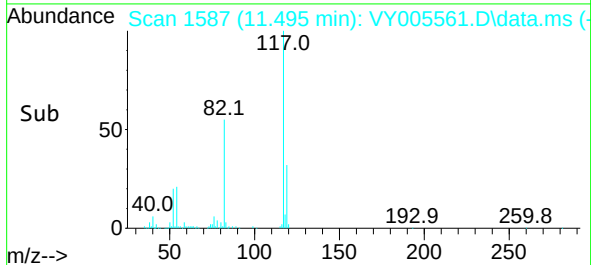
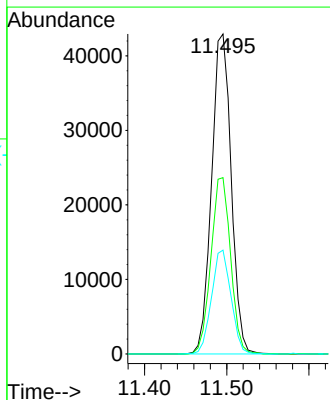
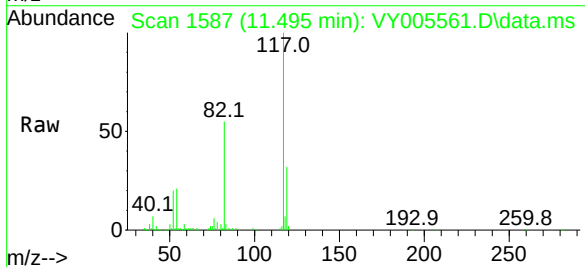
Instrument :
MSVOA_Y
ClientSampleId :

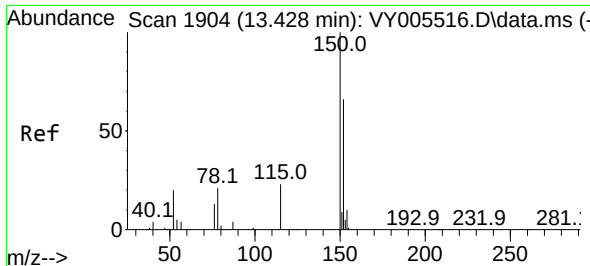
Tgt Ion: 95 Resp: 29160
Ion Ratio Lower Upper
95 100
174 95.5 0.0 191.4
176 93.7 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005561.D
Acq: 05 Aug 2021 17:44

Tgt Ion: 117 Resp: 71165
Ion Ratio Lower Upper
117 100
82 55.1 43.5 65.3
119 32.4 25.5 38.3

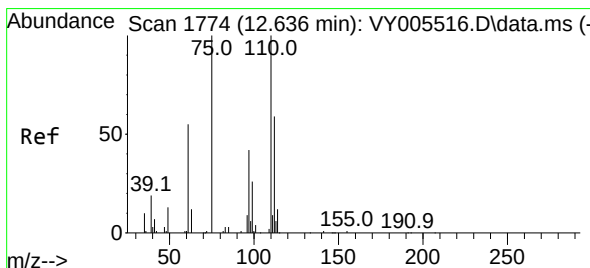
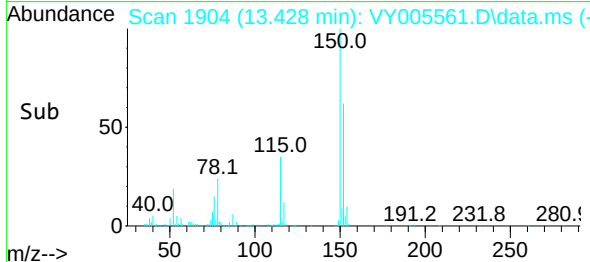
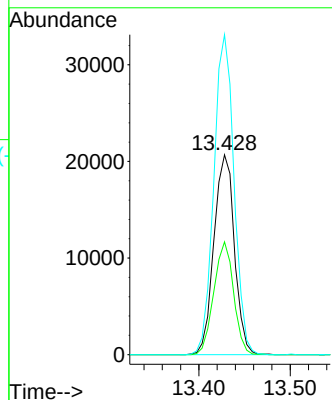
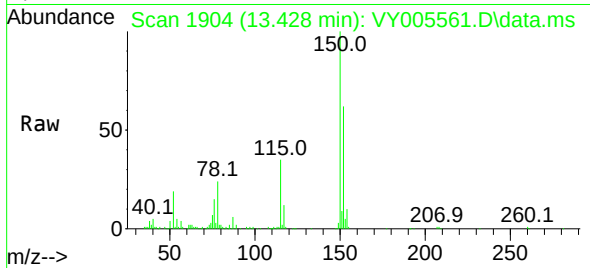




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005561.D
 Acq: 05 Aug 2021 17:44

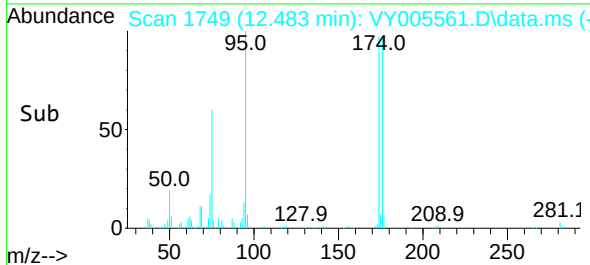
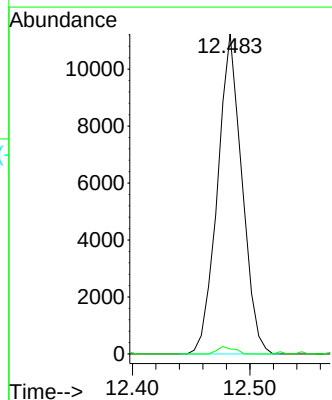
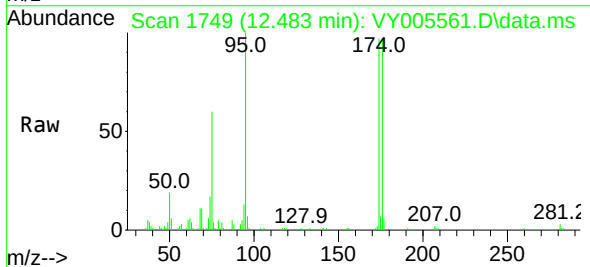
Instrument :
 MSVOA_Y
 ClientSampled :

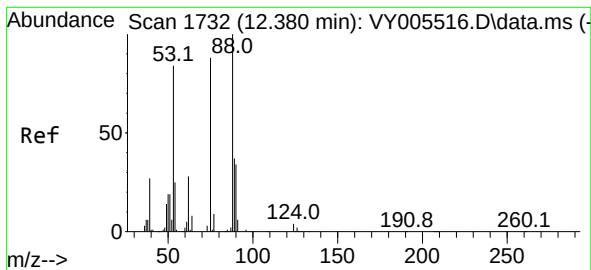
Tgt Ion:152 Resp: 32336
 Ion Ratio Lower Upper
 152 100
 115 54.4 27.3 81.9
 150 157.4 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 48.571 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005561.D
 Acq: 05 Aug 2021 17:44

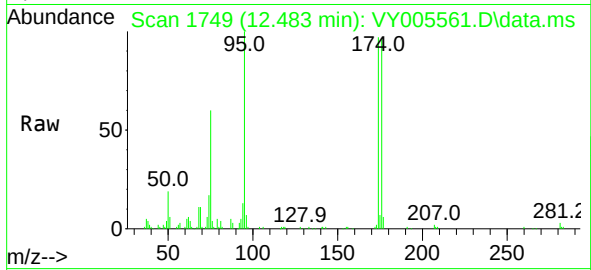
Tgt Ion: 75 Resp: 16276
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.914 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005561.D
 Acq: 05 Aug 2021 17:44

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 16276
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.0 38.4 57.6#

