

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081821\
 Data File : VY005746.D
 Acq On : 18 Aug 2021 17:41
 Operator : SY/MD
 Sample : M3439-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 19 05:18:33 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)

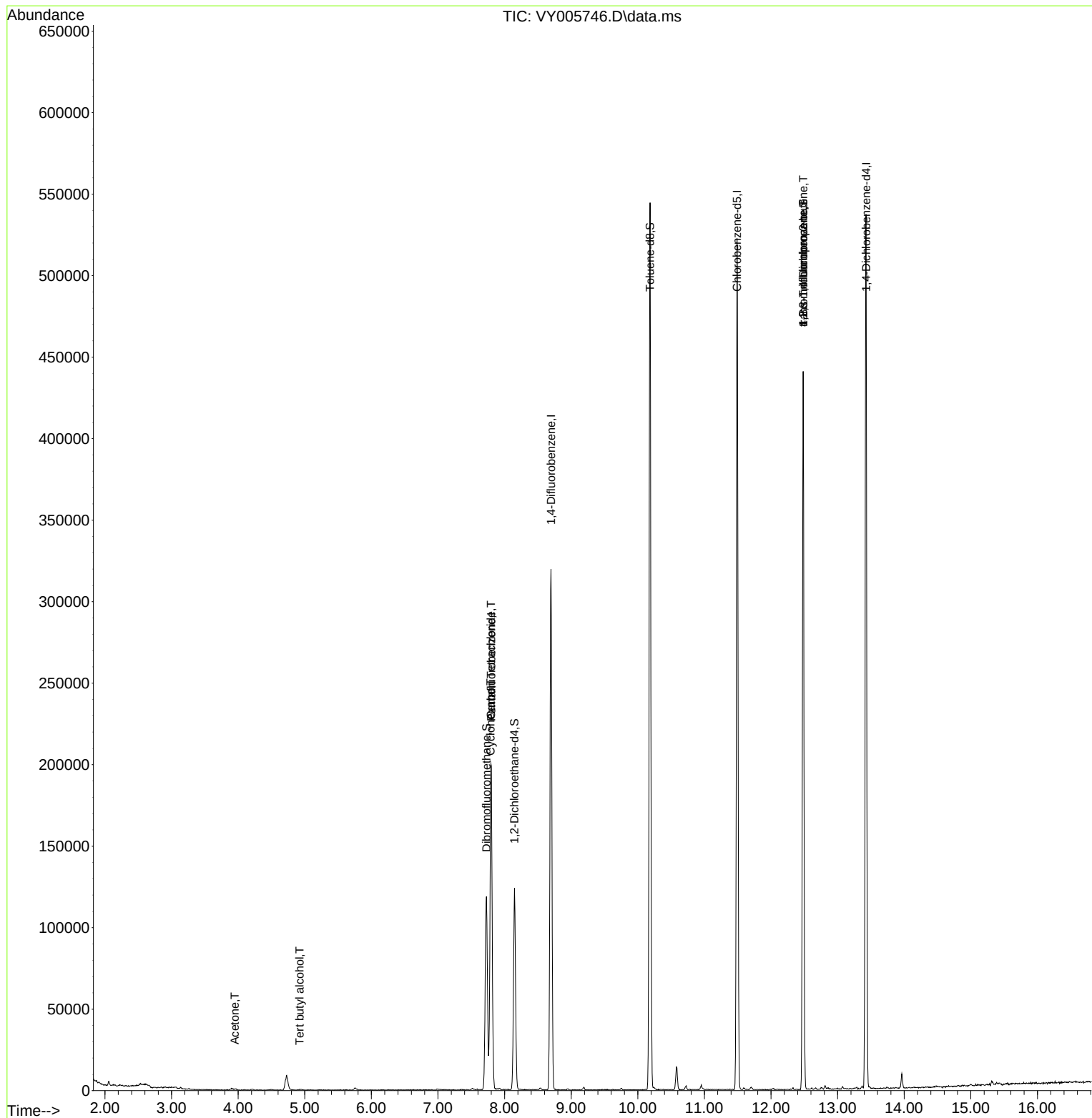
Internal Standards						
1) Pentafluorobenzene	7.801	168	162577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	269621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	277181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	97216	59.073	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.140%
35) Dibromofluoromethane	7.728	113	80817	53.537	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.080%
50) Toluene-d8	10.185	98	350700	55.395	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.780%
62) 4-Bromofluorobenzene	12.483	95	119643	57.068	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.140%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.924	59	282	1.733	ug/l #	73
16) Acetone	3.948	43	1428	3.442	ug/l	93
20) Methylene Chloride	4.722	84	6567	Below Cal	#	91
31) Cyclohexane	7.789	56	3836	1.359	ug/l #	30
38) Carbon Tetrachloride	7.795	117	15104	5.495	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	66926	45.223	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	66926	91.164	ug/l #	11

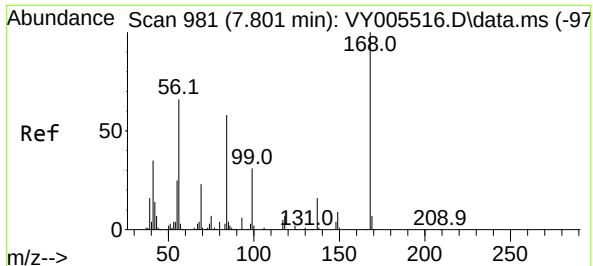
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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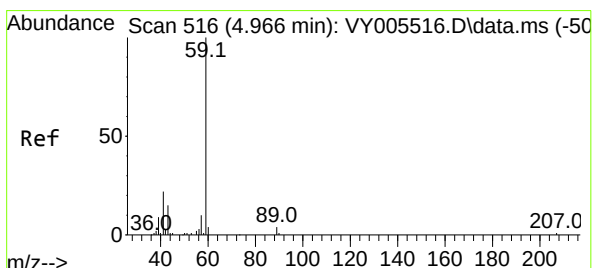
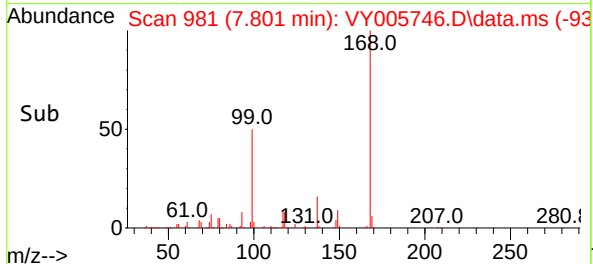
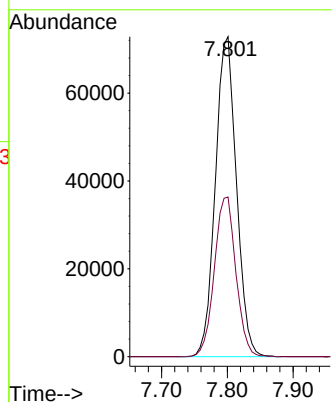
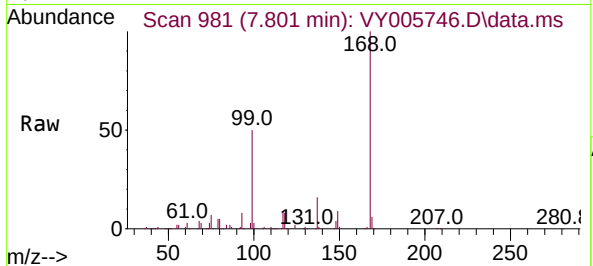




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005746.D
Acq: 18 Aug 2021 17:41

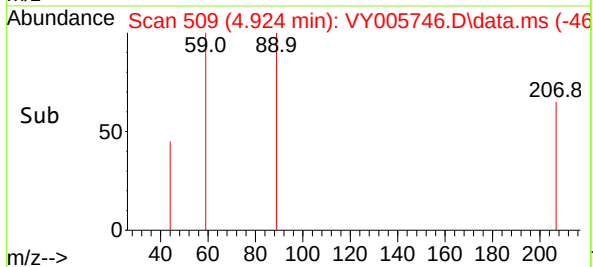
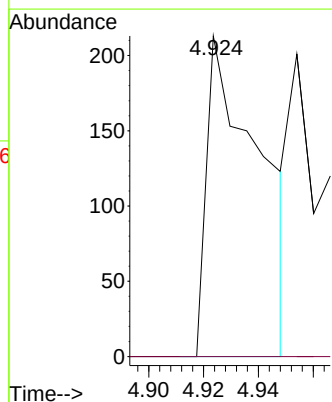
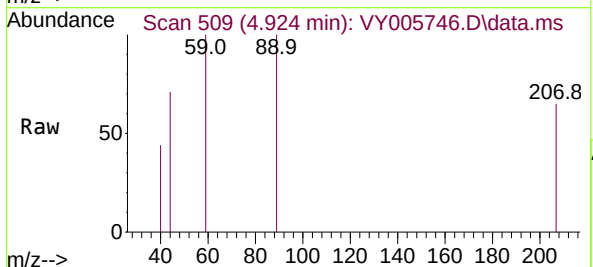
Instrument :
MSVOA_Y
ClientSampleId :

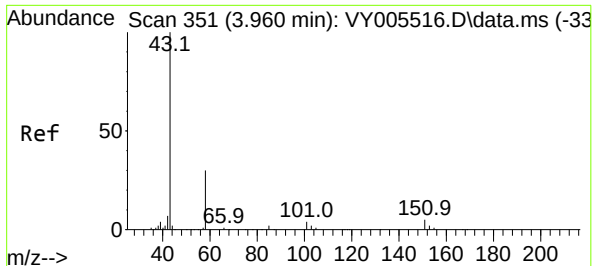
Tgt Ion:168 Resp: 162577
Ion Ratio Lower Upper
168 100
99 49.9 38.9 58.3



#11
Tert butyl alcohol
Concen: 1.733 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.043 min
Lab File: VY005746.D
Acq: 18 Aug 2021 17:41

Tgt Ion: 59 Resp: 282
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

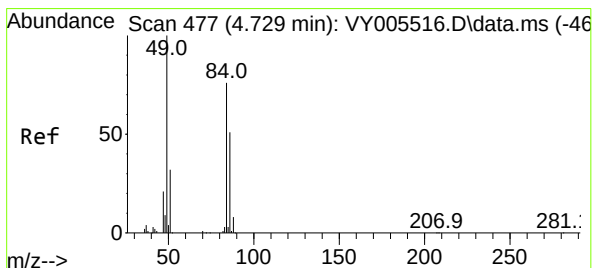
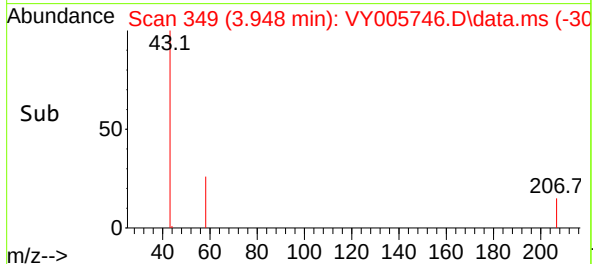
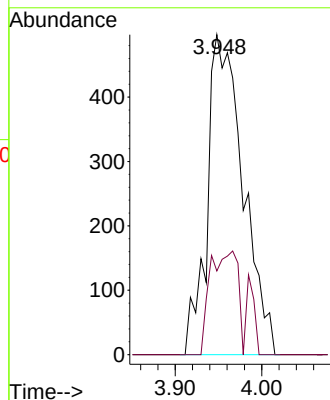
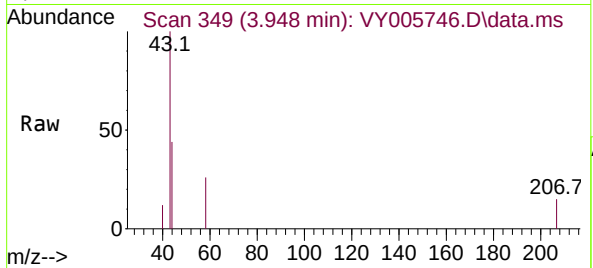




#16
Acetone
Concen: 3.442 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY005746.D
Acq: 18 Aug 2021 17:41

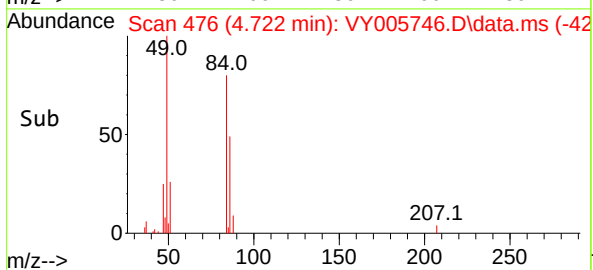
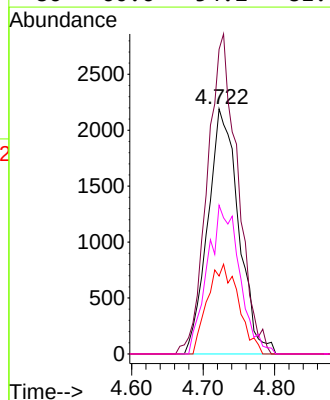
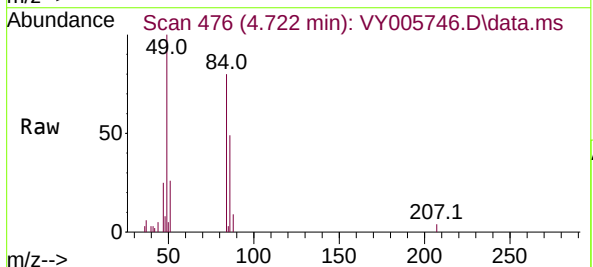
Instrument :
MSVOA_Y
ClientSampled :

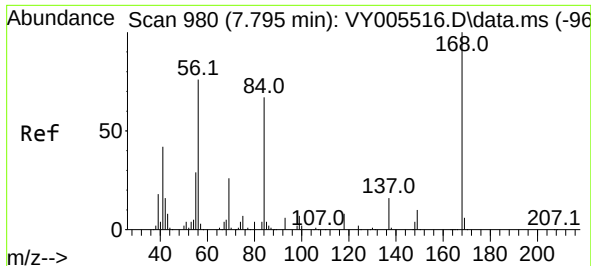
Tgt Ion: 43 Resp: 1428
Ion Ratio Lower Upper
43 100
58 26.2 23.8 35.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005746.D
Acq: 18 Aug 2021 17:41

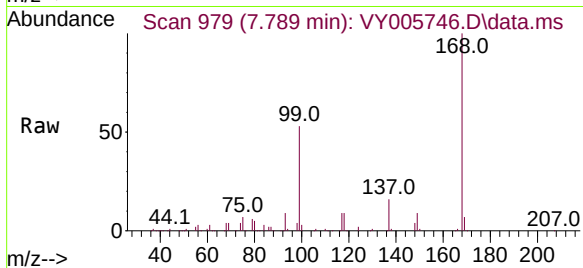
Tgt Ion: 84 Resp: 6567
Ion Ratio Lower Upper
84 100
49 124.2 105.8 158.6
51 31.8 33.4 50.2#
86 60.6 54.2 81.4



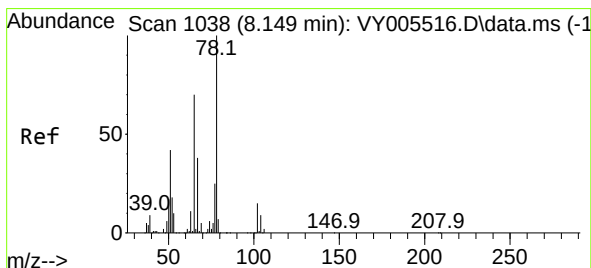
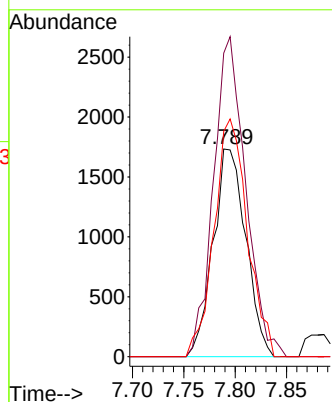
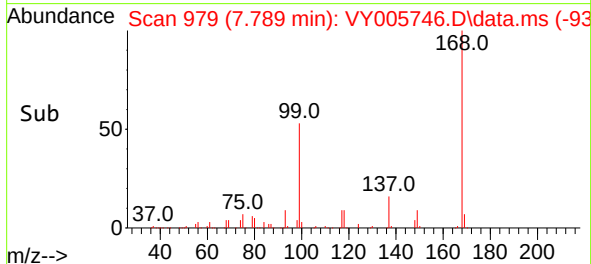


#31
Cyclohexane
Concen: 1.359 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY005746.D
Acq: 18 Aug 2021 17:41

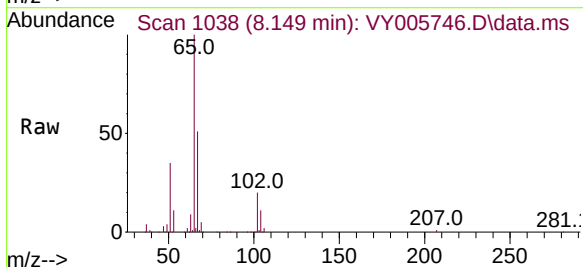
Instrument :
MSVOA_Y
ClientSampled :



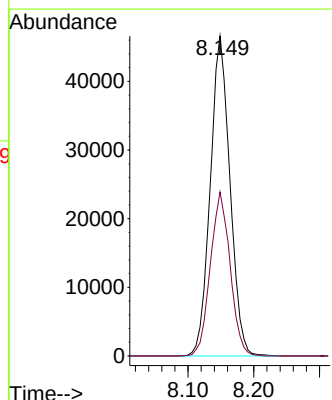
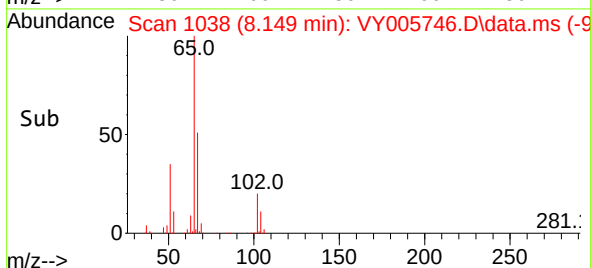
Tgt Ion: 56 Resp: 3836
Ion Ratio Lower Upper
56 100
69 146.2 27.7 41.5#
84 108.5 70.9 106.3#

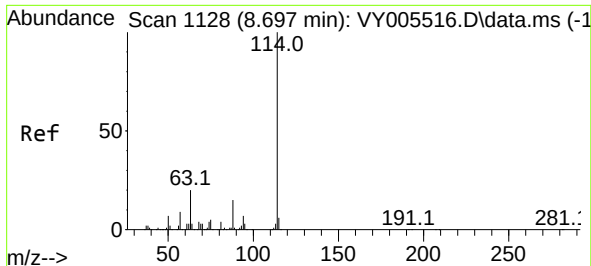


#33
1,2-Dichloroethane-d4
Concen: 59.073 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005746.D
Acq: 18 Aug 2021 17:41



Tgt Ion: 65 Resp: 97216
Ion Ratio Lower Upper
65 100
67 51.4 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: VY005746.D

Acq: 18 Aug 2021 17:41

Tgt Ion:114 Resp: 269621

Ion Ratio Lower Upper

114 100

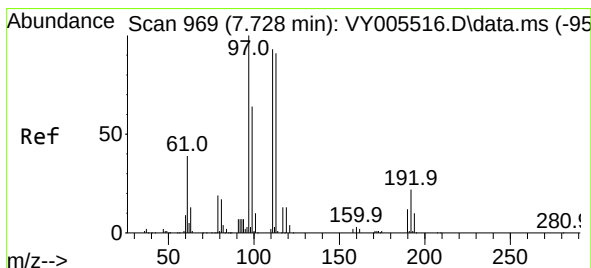
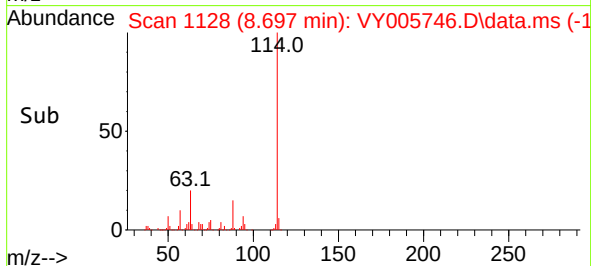
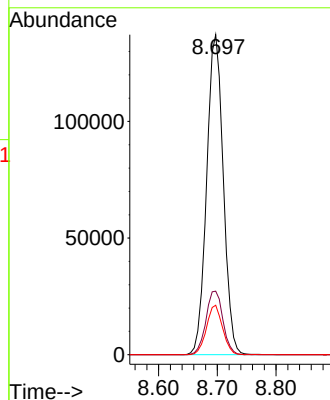
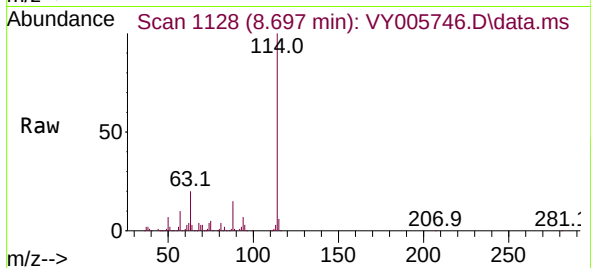
63 19.8 0.0 39.2

88 15.4 0.0 30.8

Instrument :

MSVOA_Y

ClientSampleId :



#35

Dibromofluoromethane

Concen: 53.537 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY005746.D

Acq: 18 Aug 2021 17:41

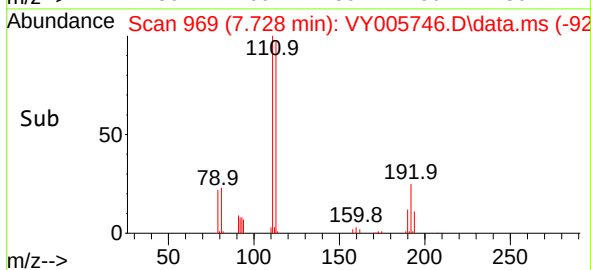
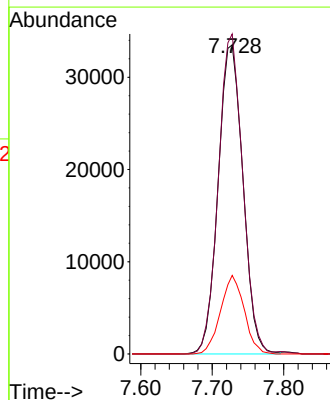
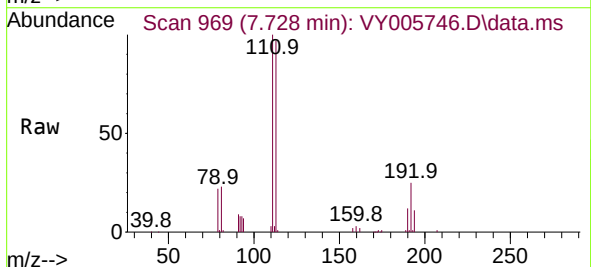
Tgt Ion:113 Resp: 80817

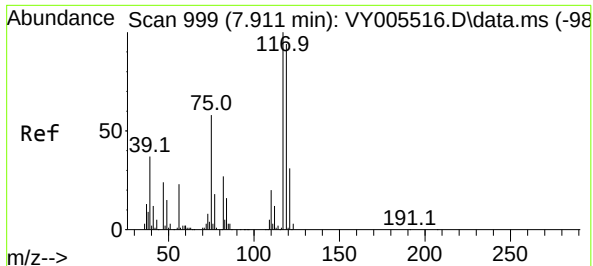
Ion Ratio Lower Upper

113 100

111 101.5 81.9 122.9

192 24.2 19.2 28.8

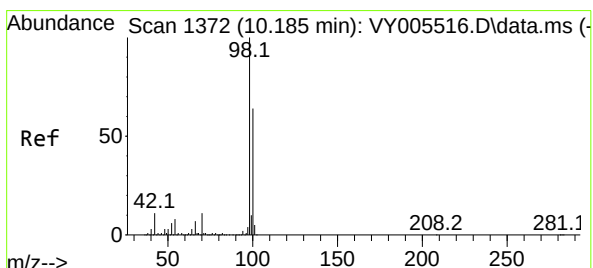
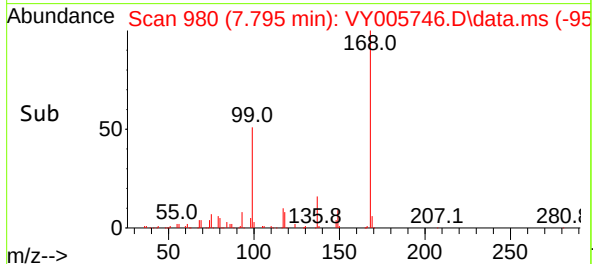
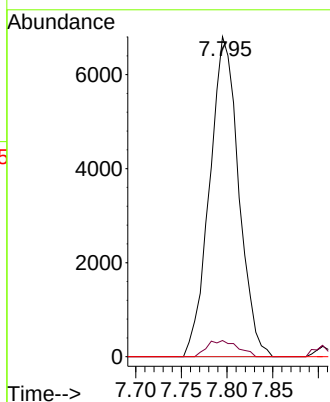
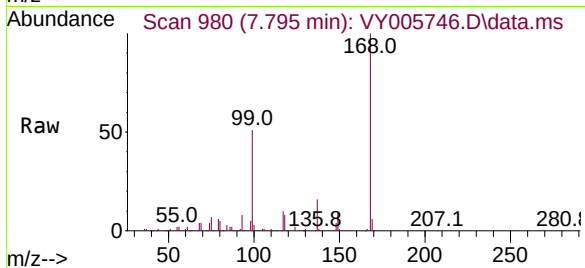




#38
Carbon Tetrachloride
Concen: 5.495 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005746.D
Acq: 18 Aug 2021 17:41

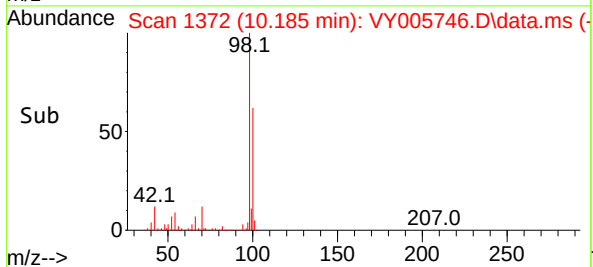
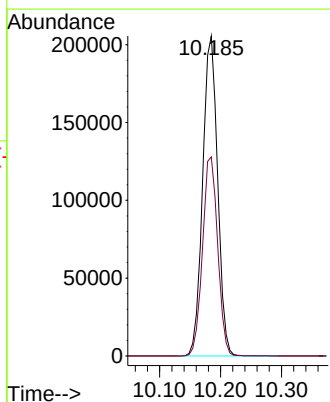
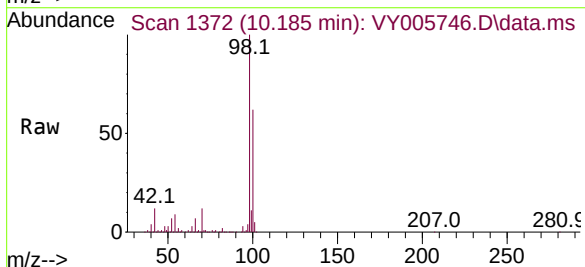
Instrument :
MSVOA_Y
ClientSampled :

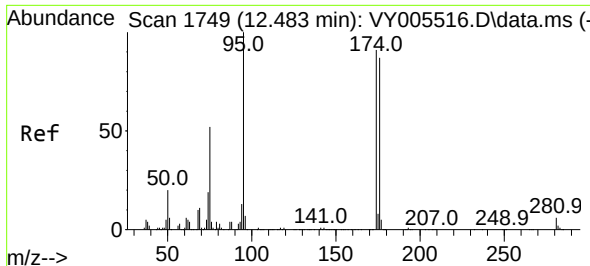
Tgt Ion:117 Resp: 15104
Ion Ratio Lower Upper
117 100
119 5.1 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 55.395 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005746.D
Acq: 18 Aug 2021 17:41

Tgt Ion: 98 Resp: 350700
Ion Ratio Lower Upper
98 100
100 63.1 51.3 76.9

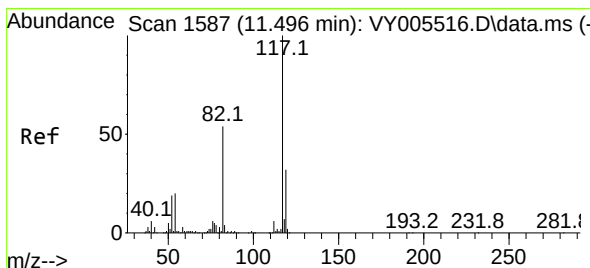
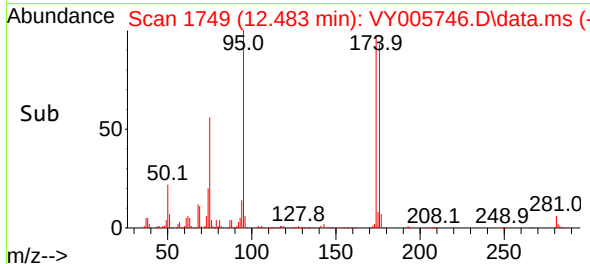
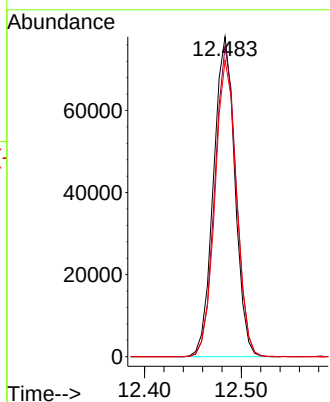
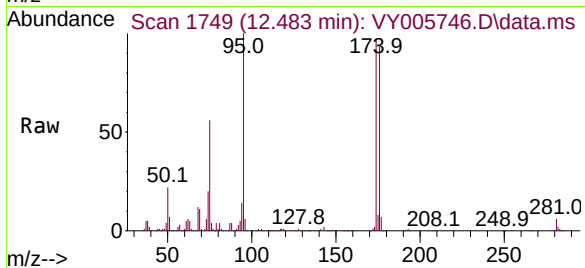




#62
4-Bromofluorobenzene
Concen: 57.068 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005746.D
Acq: 18 Aug 2021 17:41

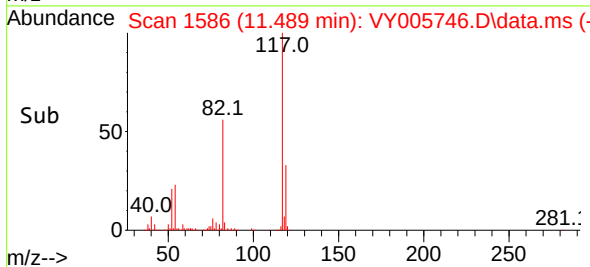
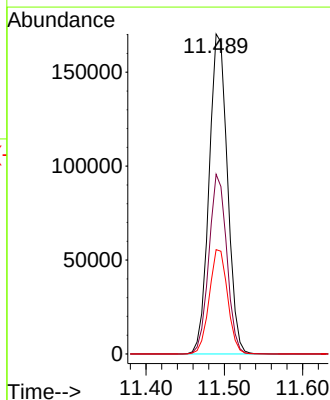
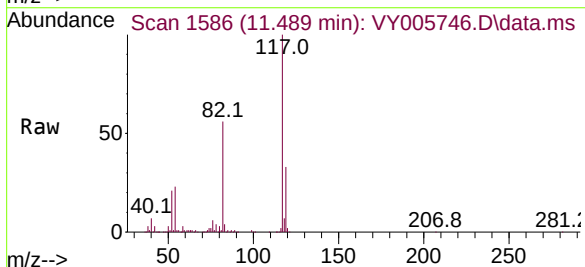
Instrument :
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ClientSampleId :

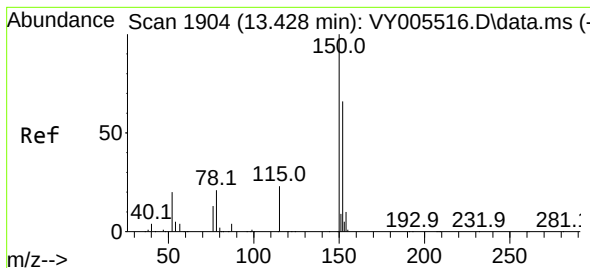
Tgt Ion:	95	Resp:	119643
Ion Ratio	Lower	Upper	
95	100		
174	96.7	0.0	191.4
176	92.9	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005746.D
Acq: 18 Aug 2021 17:41

Tgt Ion:	117	Resp:	277181
Ion Ratio	Lower	Upper	
117	100		
82	56.2	43.5	65.3
119	32.6	25.5	38.3

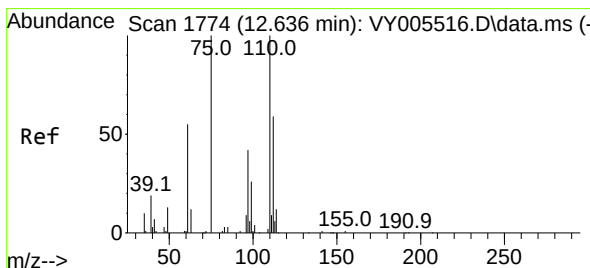
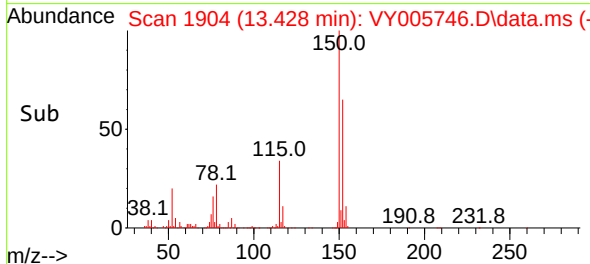
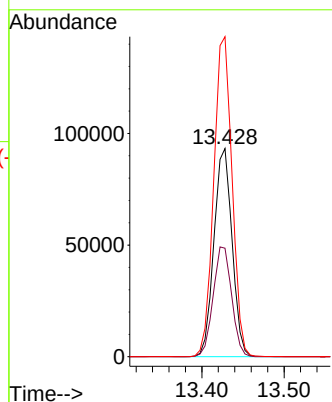
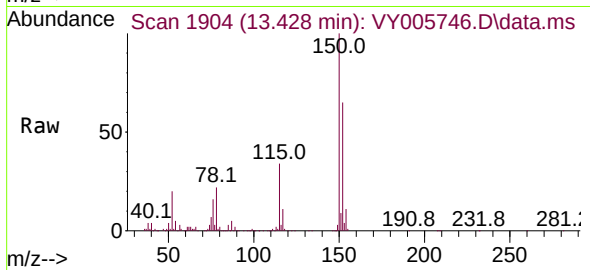




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005746.D
 Acq: 18 Aug 2021 17:41

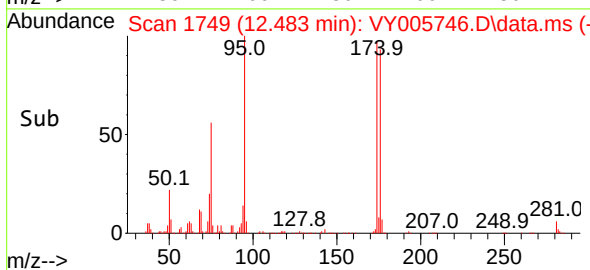
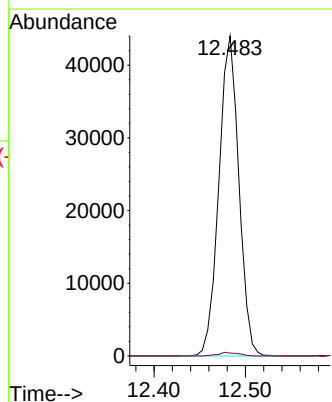
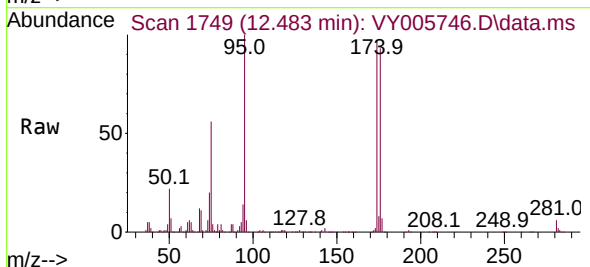
Instrument :
 MSVOA_Y
 ClientSampled :

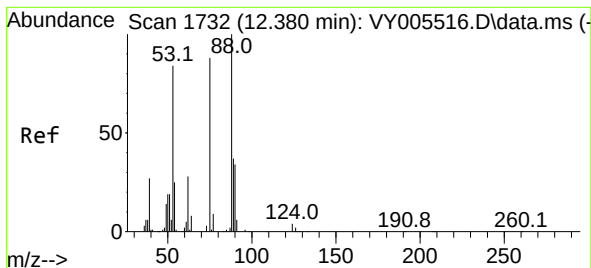
Tgt Ion:152 Resp: 142809
 Ion Ratio Lower Upper
 152 100
 115 53.7 27.3 81.9
 150 155.3 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 45.223 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005746.D
 Acq: 18 Aug 2021 17:41

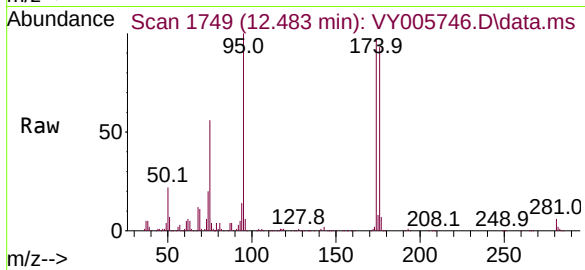
Tgt Ion: 75 Resp: 66926
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.164 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005746.D
 Acq: 18 Aug 2021 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	76.7	115.1#
89	0.1	38.4	57.6#

