

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070721\
 Data File : VY005375.D
 Acq On : 07 Jul 2021 19:13
 Operator : SY/MD
 Sample : M2947-07
 Misc : 6.95G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 08 02:07:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

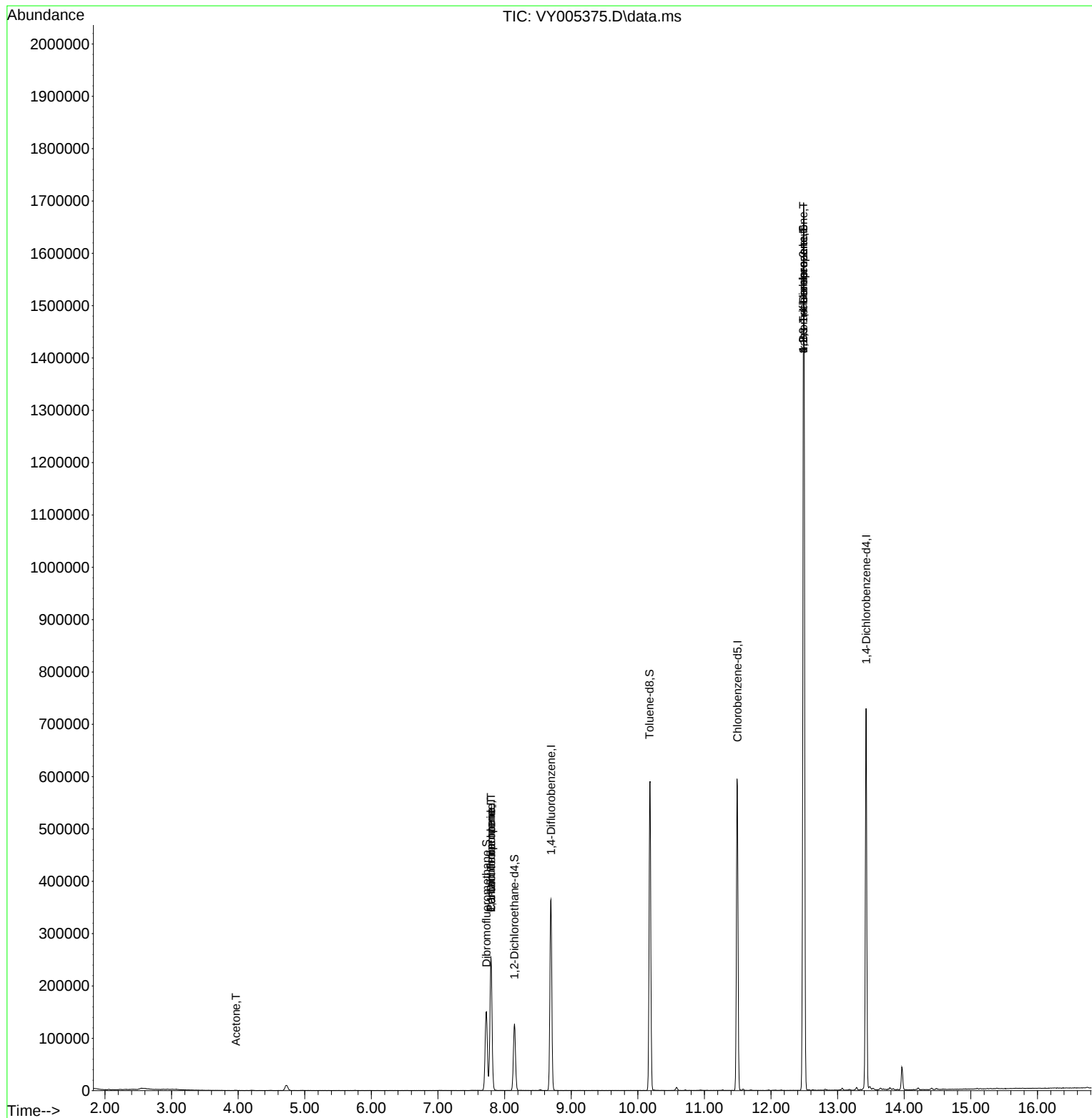
Internal Standards						
1) Pentafluorobenzene	7.795	168	239406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	365818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	383069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	213923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	99654	50.160	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.320%	
35) Dibromofluoromethane	7.728	113	106351	49.295	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.600%	
50) Toluene-d8	10.178	98	435637	50.492	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.980%	
62) 4-Bromofluorobenzene	12.483	95	164572	57.242	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	409	Below Cal	#	77
16) Acetone	3.966	43	903	1.967	ug/l	91
20) Methylene Chloride	4.722	84	9448	Below Cal	#	81
36) 1,1-Dichloropropene	7.795	75	11062	3.434	ug/l #	49
38) Carbon Tetrachloride	7.795	117	17817	5.284	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	76551	40.348	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	76551	75.281	ug/l #	19

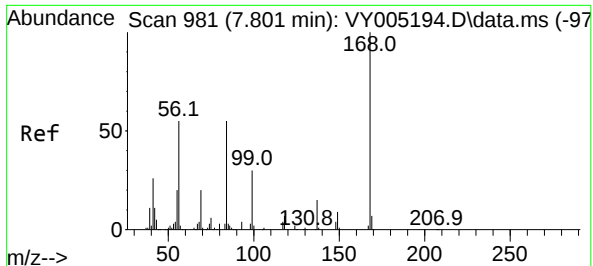
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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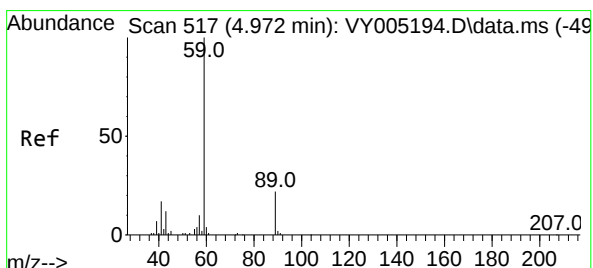
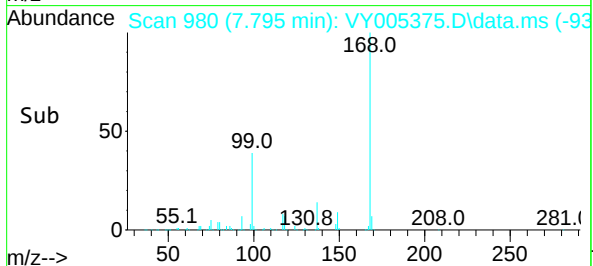
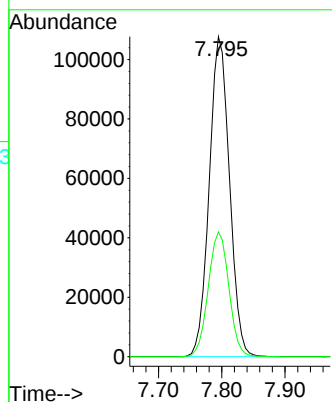
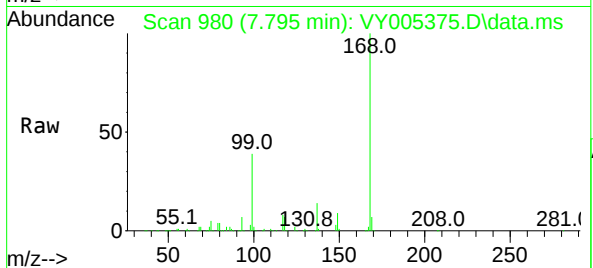




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005375.D
Acq: 07 Jul 2021 19:13

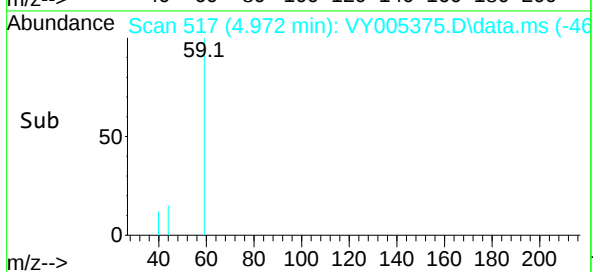
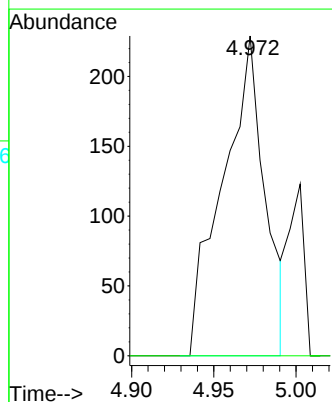
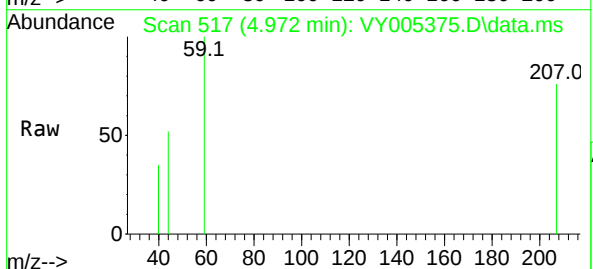
Instrument :
MSVOA_Y
ClientSampleId :

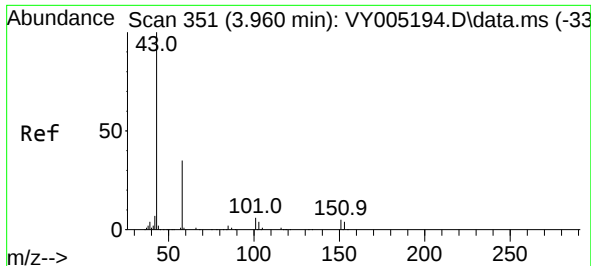
Tgt Ion:168 Resp: 239406
Ion Ratio Lower Upper
168 100
99 39.0 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY005375.D
Acq: 07 Jul 2021 19:13

Tgt Ion: 59 Resp: 409
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

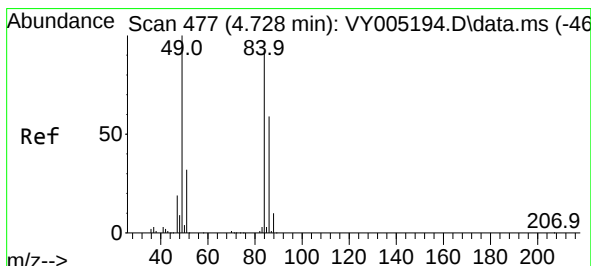
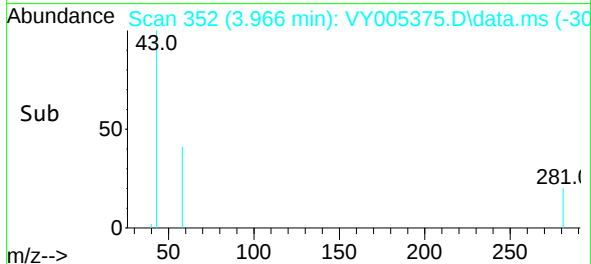
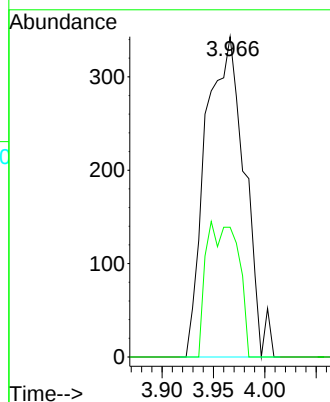
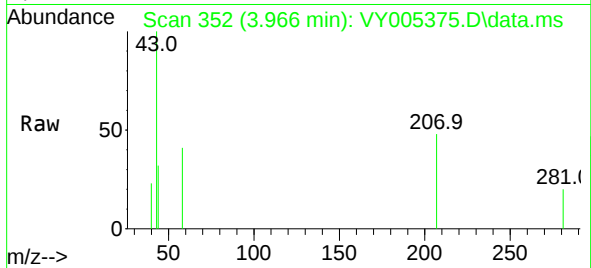




#16
Acetone
Concen: 1.967 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005375.D
Acq: 07 Jul 2021 19:13

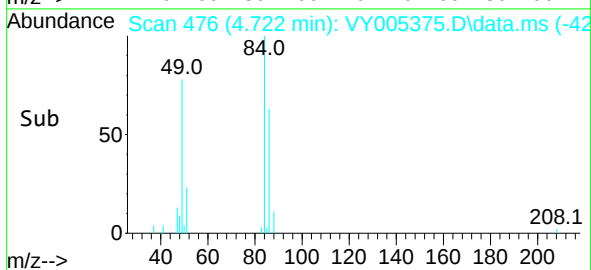
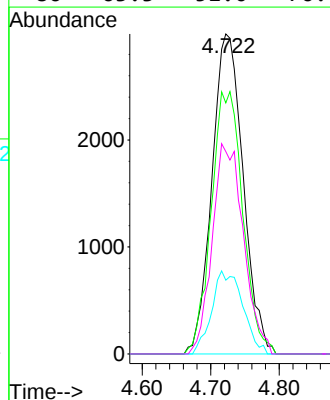
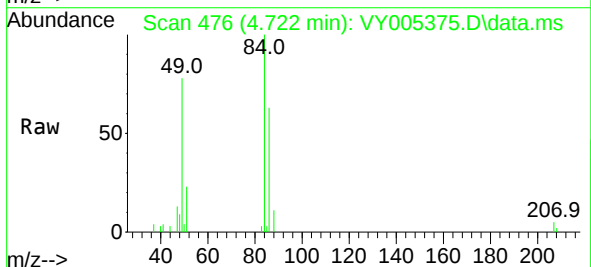
Instrument :
MSVOA_Y
ClientSampled :

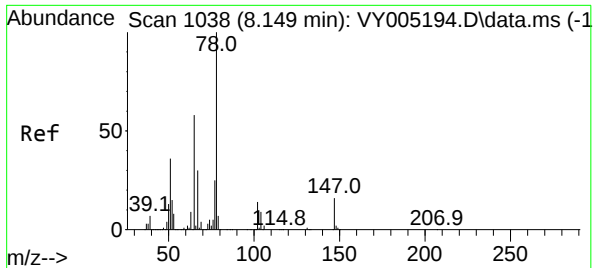
Tgt Ion: 43 Resp: 903
Ion Ratio Lower Upper
43 100
58 40.5 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY005375.D
Acq: 07 Jul 2021 19:13

Tgt Ion: 84 Resp: 9448
Ion Ratio Lower Upper
84 100
49 78.5 86.9 130.3#
51 23.1 27.4 41.2#
86 63.3 51.0 76.6



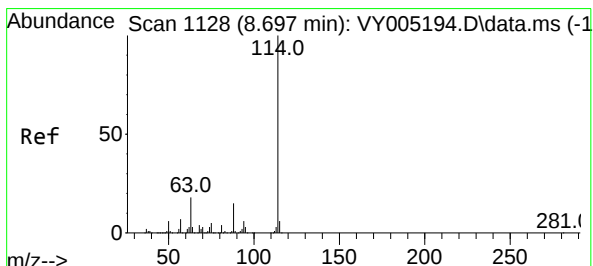
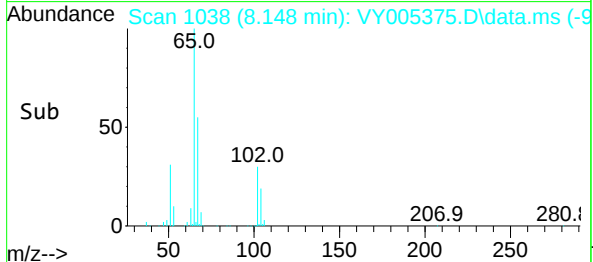
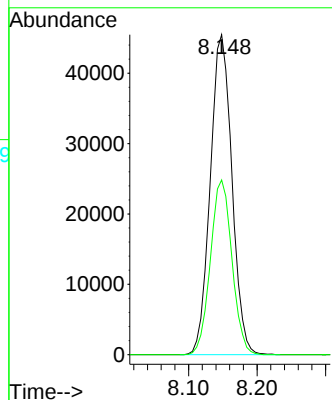
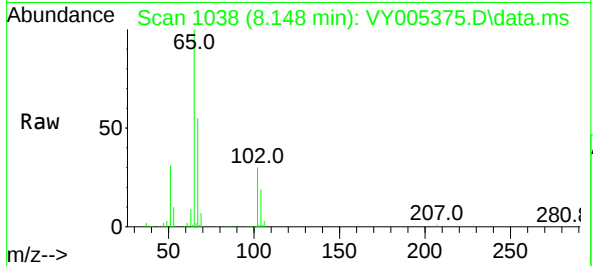


#33
 1,2-Dichloroethane-d4
 Concen: 50.160 ug/l
 RT: 8.148 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005375.D
 Acq: 07 Jul 2021 19:13

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 65 Resp: 99654

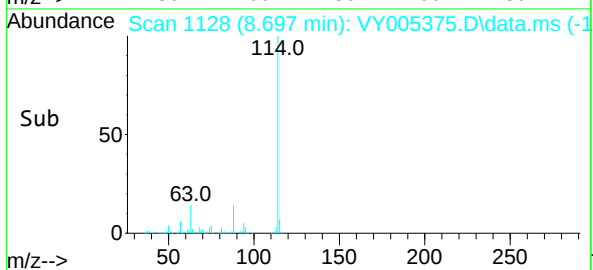
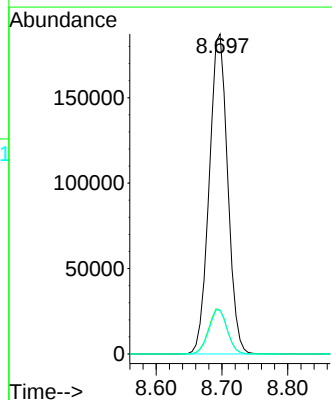
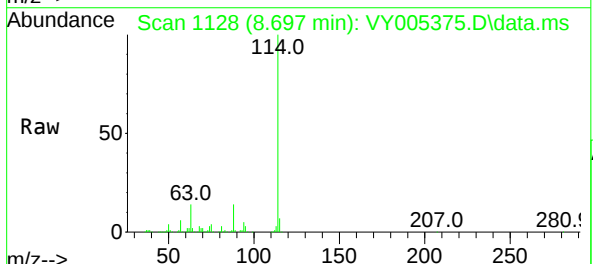
Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	110.6

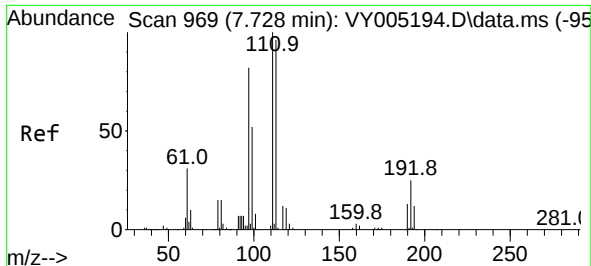


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005375.D
 Acq: 07 Jul 2021 19:13

Tgt Ion: 114 Resp: 365818

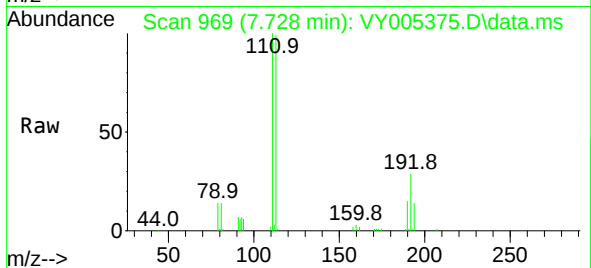
Ion	Ratio	Lower	Upper
114	100		
63	13.7	0.0	35.2
88	13.7	0.0	29.4



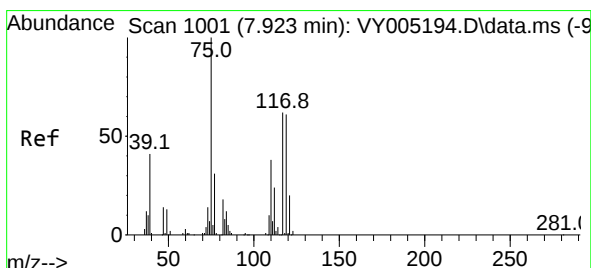
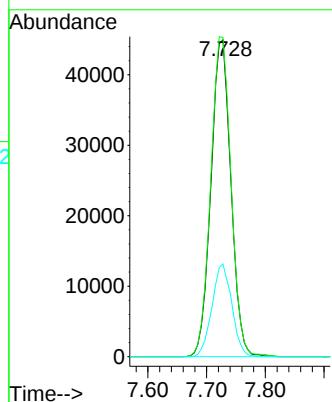
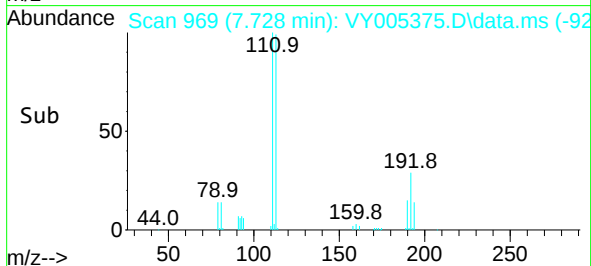


#35
Dibromofluoromethane
Concen: 49.295 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005375.D
Acq: 07 Jul 2021 19:13

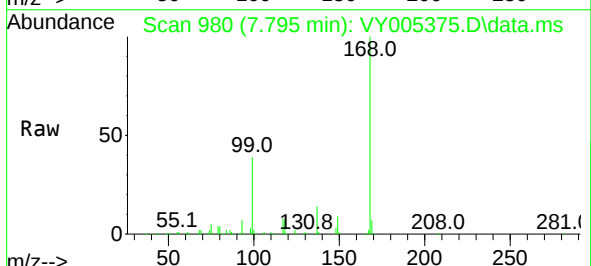
Instrument :
MSVOA_Y
ClientSampleId :



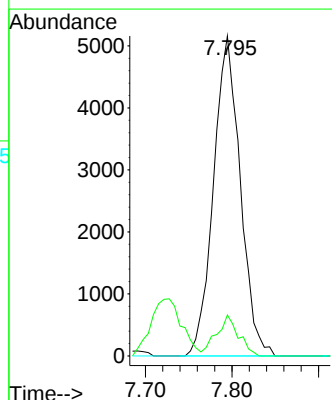
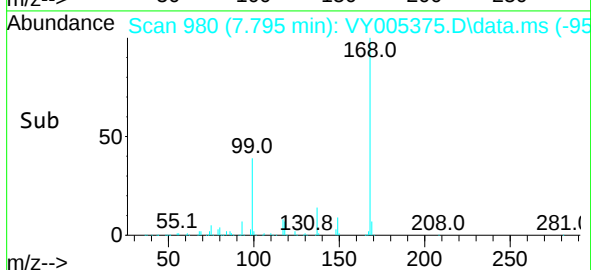
Tgt Ion:113 Resp: 106351
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 29.0 20.2 30.2

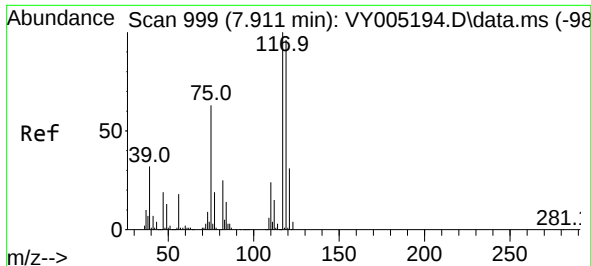


#36
1,1-Dichloropropene
Concen: 3.434 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005375.D
Acq: 07 Jul 2021 19:13



Tgt Ion: 75 Resp: 11062
Ion Ratio Lower Upper
75 100
110 10.5 19.1 57.5#
77 0.0 25.2 37.8#

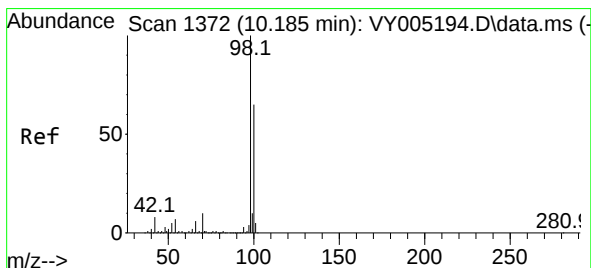
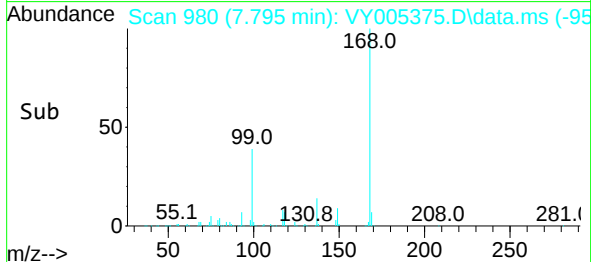
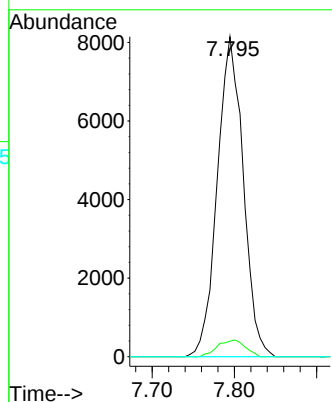
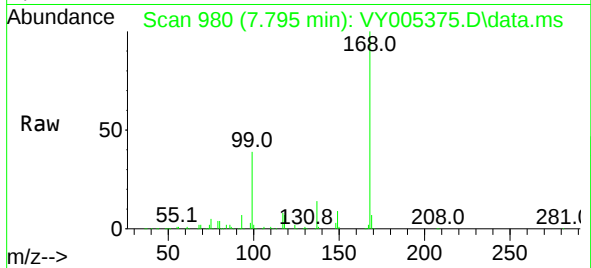




#38
Carbon Tetrachloride
Concen: 5.284 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005375.D
Acq: 07 Jul 2021 19:13

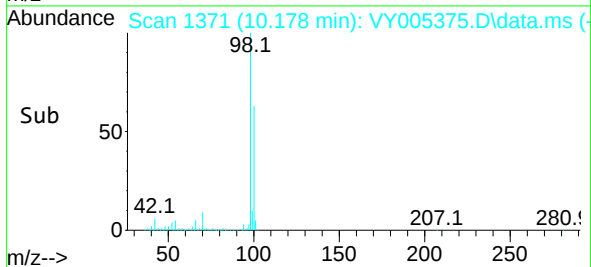
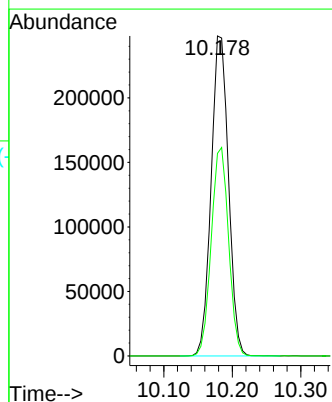
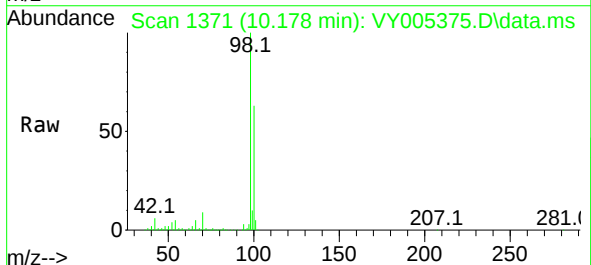
Instrument :
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ClientSampleId :

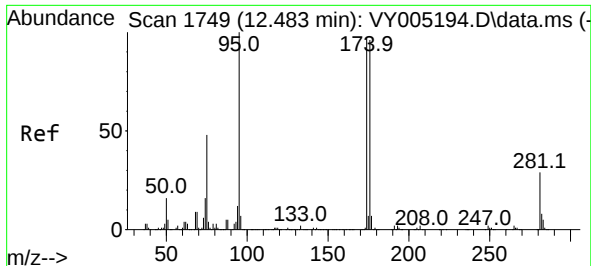
Tgt Ion:117 Resp: 17817
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.492 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY005375.D
Acq: 07 Jul 2021 19:13

Tgt Ion: 98 Resp: 435637
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9

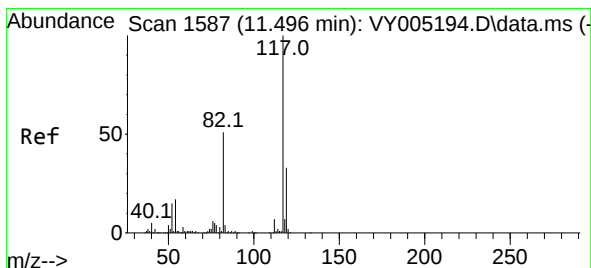
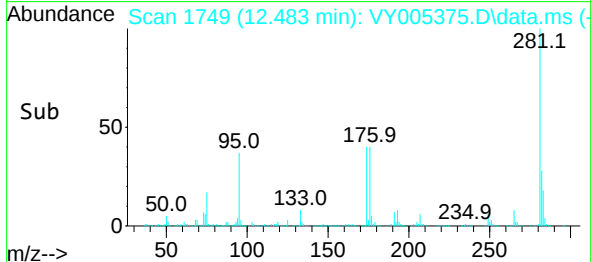
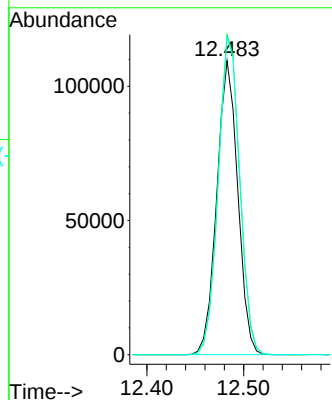
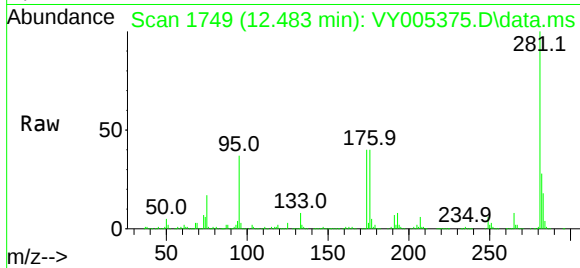




#62
4-Bromofluorobenzene
Concen: 57.242 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005375.D
Acq: 07 Jul 2021 19:13

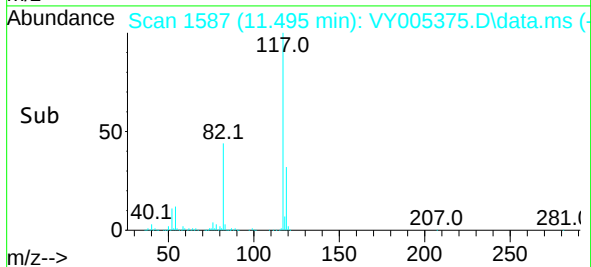
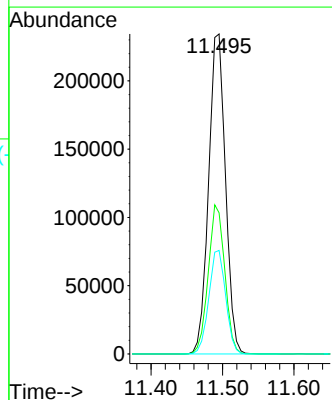
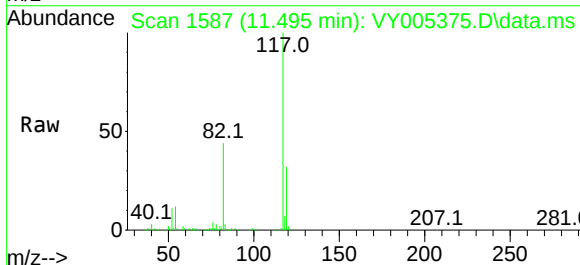
Instrument :
MSVOA_Y
ClientSampleId :

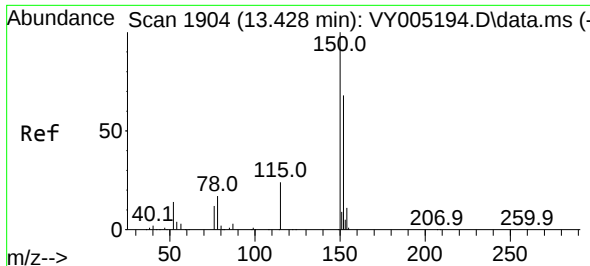
Tgt Ion: 95 Resp: 164572
Ion Ratio Lower Upper
95 100
174 111.7 0.0 201.6
176 110.8 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005375.D
Acq: 07 Jul 2021 19:13

Tgt Ion: 117 Resp: 383069
Ion Ratio Lower Upper
117 100
82 44.1 40.6 60.8
119 32.3 26.1 39.1

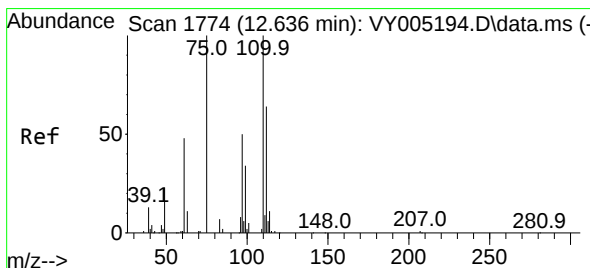
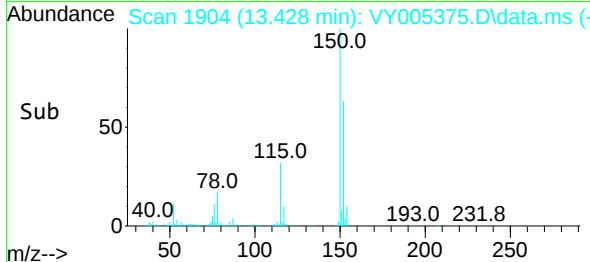
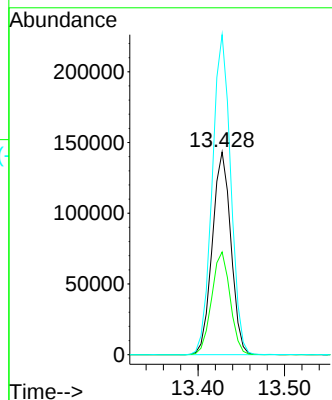
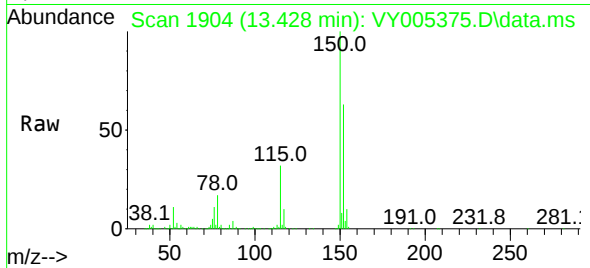




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005375.D
 Acq: 07 Jul 2021 19:13

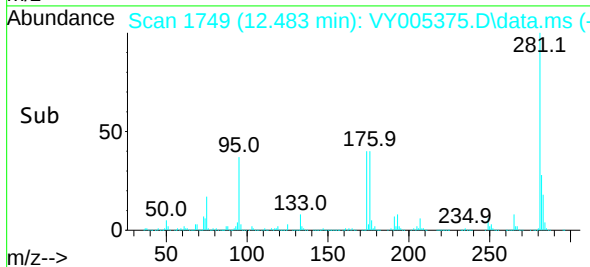
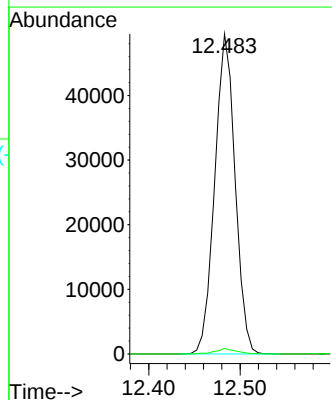
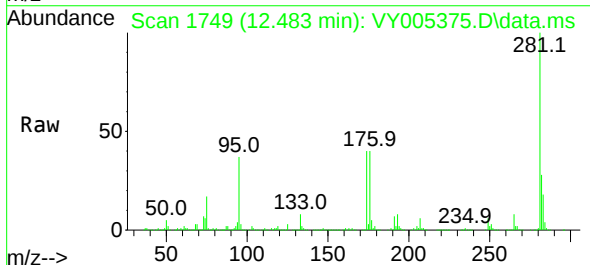
Instrument :
 MSVOA_Y
 ClientSampleId :

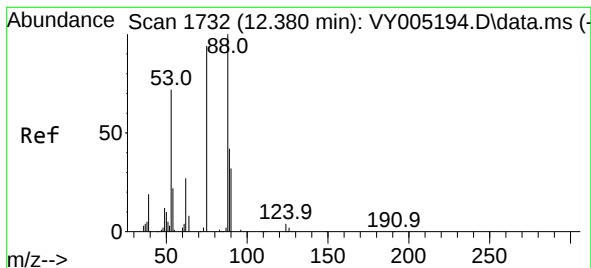
Tgt Ion:152 Resp: 213923
 Ion Ratio Lower Upper
 152 100
 115 50.4 26.3 78.8
 150 157.1 0.0 344.2



#76
 1,2,3-Trichloropropane
 Concen: 40.348 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005375.D
 Acq: 07 Jul 2021 19:13

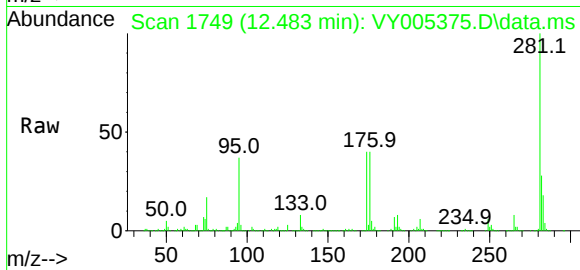
Tgt Ion: 75 Resp: 76551
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.281 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005375.D
 Acq: 07 Jul 2021 19:13

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 76551
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.0 94.4#
 89 2.9 38.0 57.0#

