

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070721\
 Data File : VY005373.D
 Acq On : 07 Jul 2021 18:27
 Operator : SY/MD
 Sample : M2947-05
 Misc : 7.32G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 08 02:06:50 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)

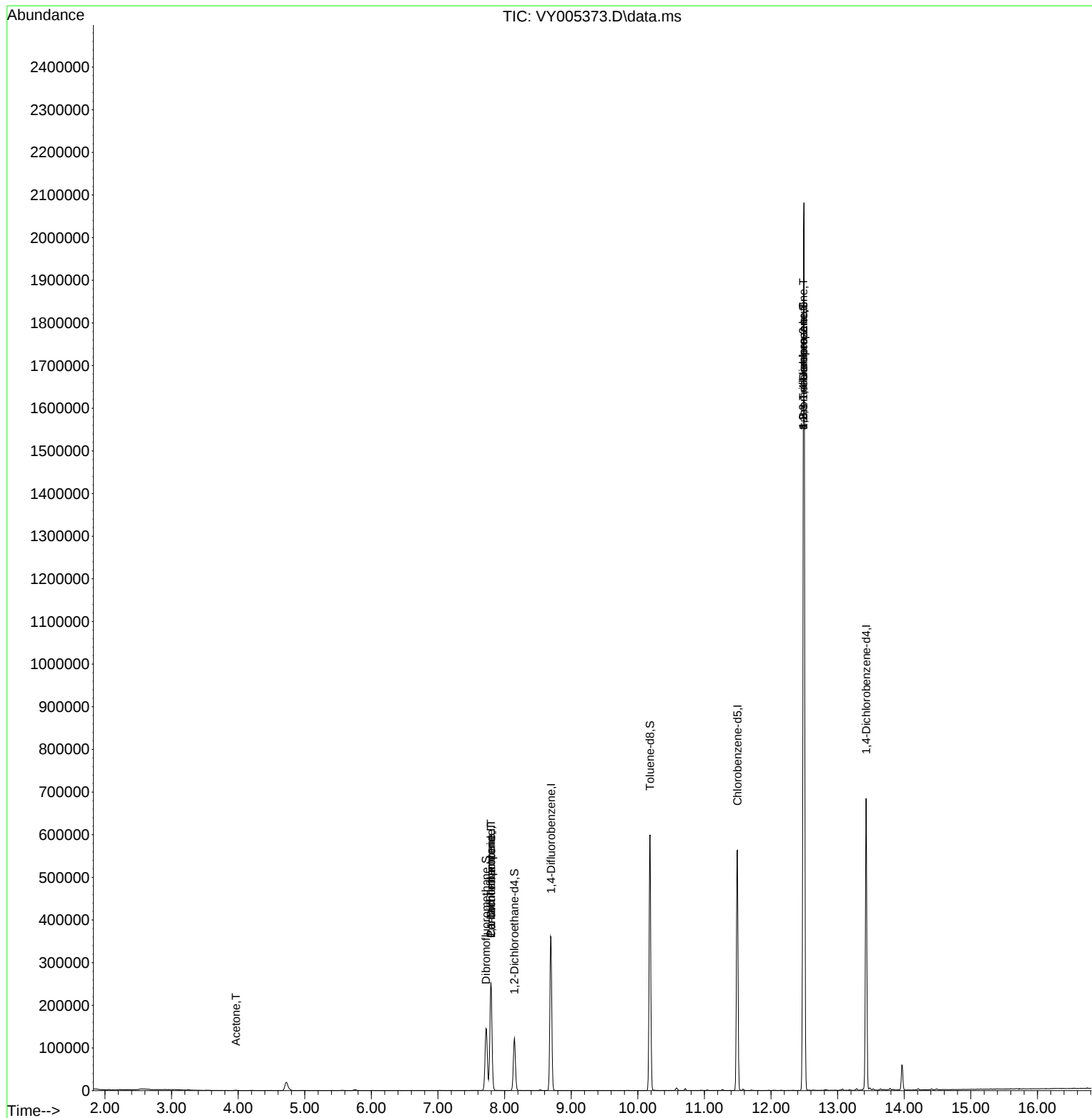
Internal Standards						
1) Pentafluorobenzene	7.795	168	236408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	359438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	365976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	197327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	95194	48.523	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.040%
35) Dibromofluoromethane	7.722	113	103828	48.980	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.960%
50) Toluene-d8	10.185	98	426551	50.317	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.640%
62) 4-Bromofluorobenzene	12.483	95	158006	55.934	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.860%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	669	Below Cal	#	77
16) Acetone	3.966	43	1098	2.423	ug/l #	77
20) Methylene Chloride	4.722	84	18230	Below Cal	#	84
36) 1,1-Dichloropropene	7.795	75	11155	3.524	ug/l #	50
38) Carbon Tetrachloride	7.795	117	17982	5.427	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	75783	43.303	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	75783	80.793	ug/l #	20

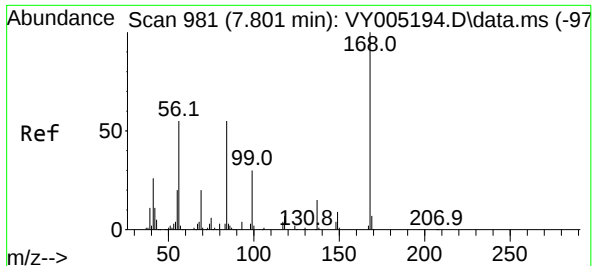
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070721\
Data File : VY005373.D
Acq On : 07 Jul 2021 18:27
Operator : SY/MD
Sample : M2947-05
Misc : 7.32G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jul 08 02:06:50 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

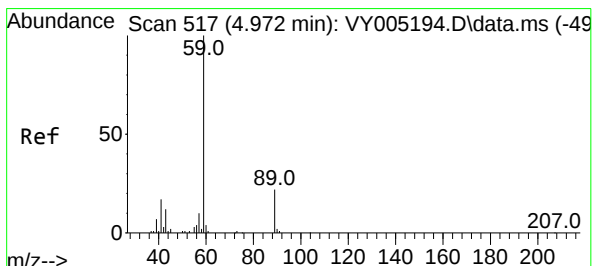
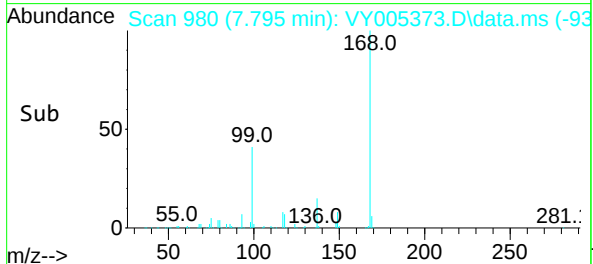
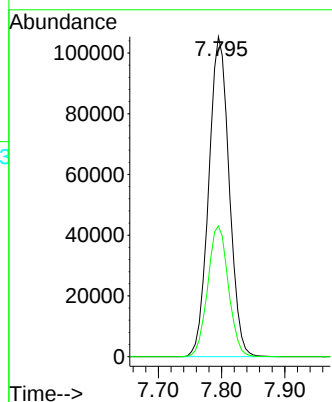
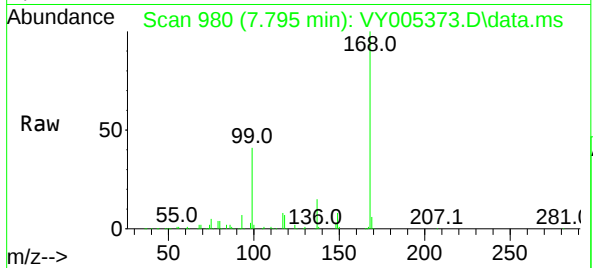




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005373.D
Acq: 07 Jul 2021 18:27

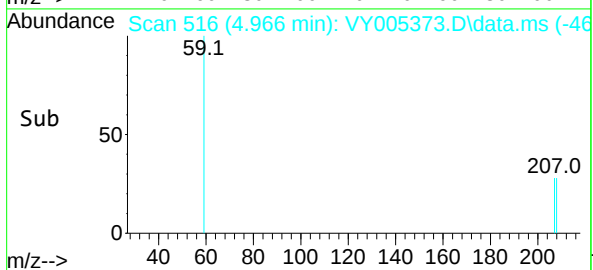
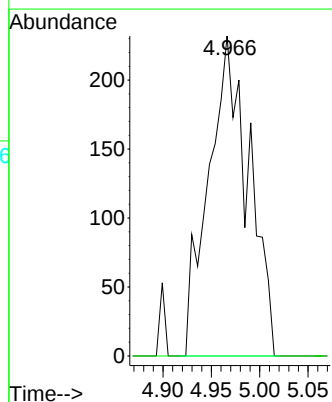
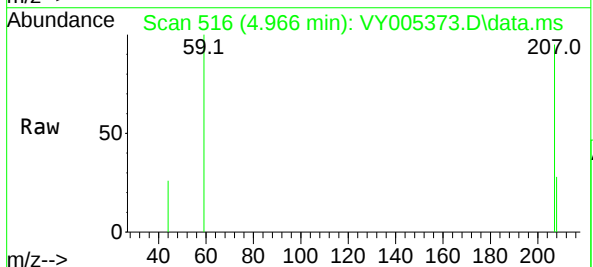
Instrument :
MSVOA_Y
ClientSampled :

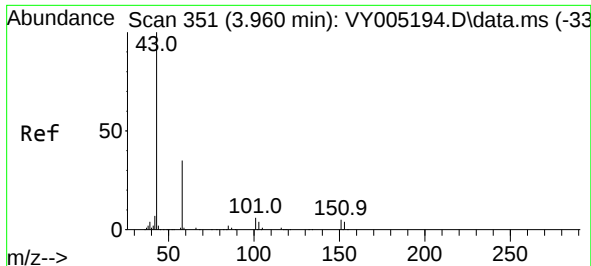
Tgt Ion:168 Resp: 236408
Ion Ratio Lower Upper
168 100
99 40.8 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY005373.D
Acq: 07 Jul 2021 18:27

Tgt Ion: 59 Resp: 669
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

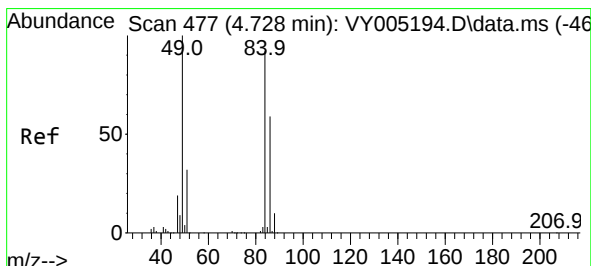
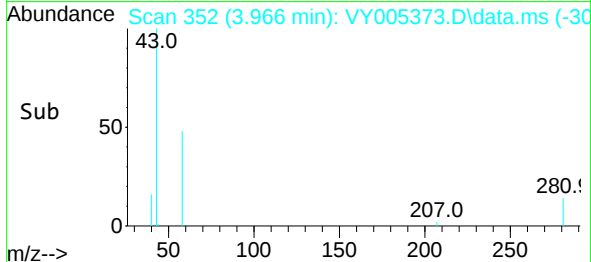
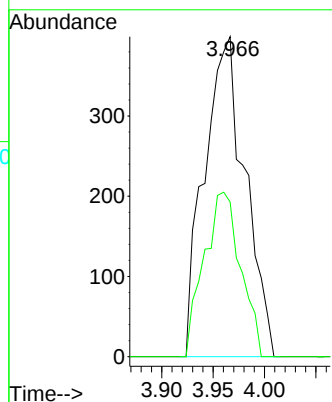
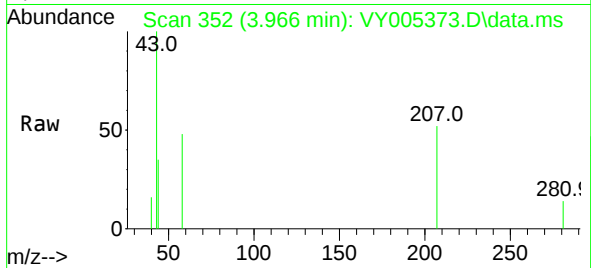




#16
Acetone
Concen: 2.423 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005373.D
Acq: 07 Jul 2021 18:27

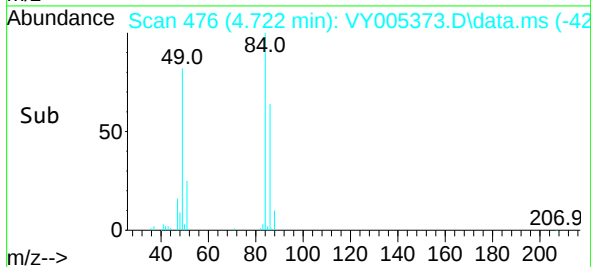
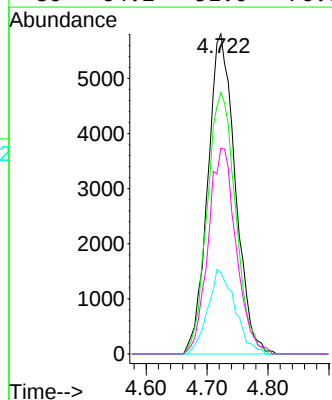
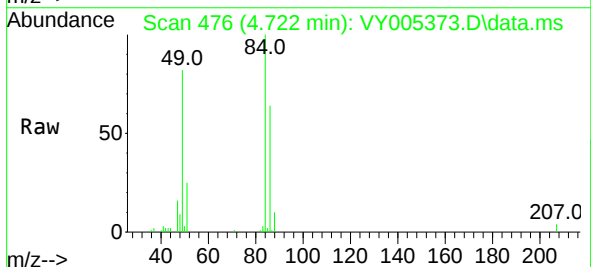
Instrument :
MSVOA_Y
ClientSampled :

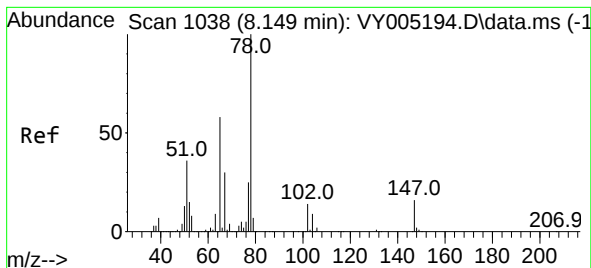
Tgt Ion: 43 Resp: 1098
Ion Ratio Lower Upper
43 100
58 48.4 28.2 42.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY005373.D
Acq: 07 Jul 2021 18:27

Tgt Ion: 84 Resp: 18230
Ion Ratio Lower Upper
84 100
49 81.6 86.9 130.3#
51 25.5 27.4 41.2#
86 64.2 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 48.523 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY005373.D

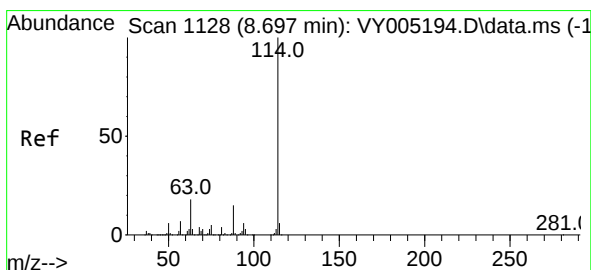
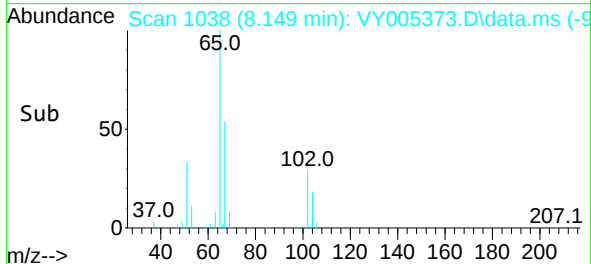
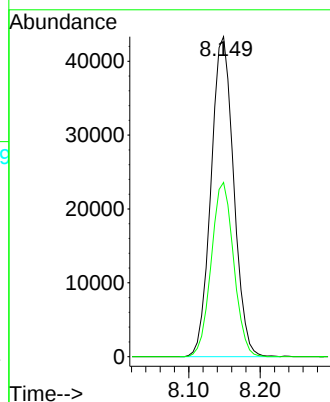
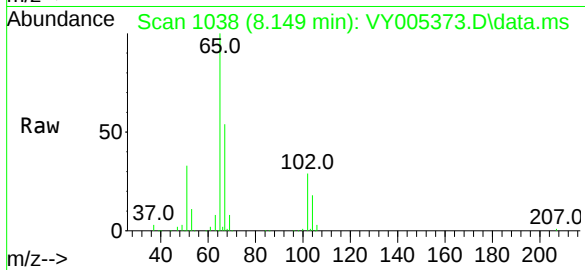
Acq: 07 Jul 2021 18:27

Tgt Ion: 65 Resp: 95194

Ion Ratio Lower Upper

65 100

67 54.0 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: VY005373.D

Acq: 07 Jul 2021 18:27

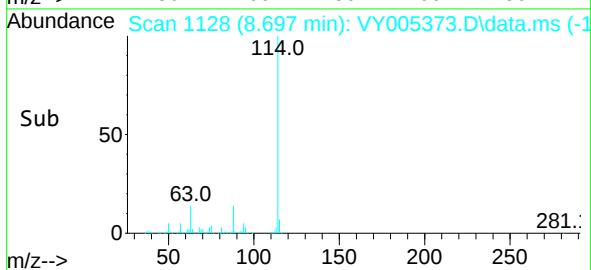
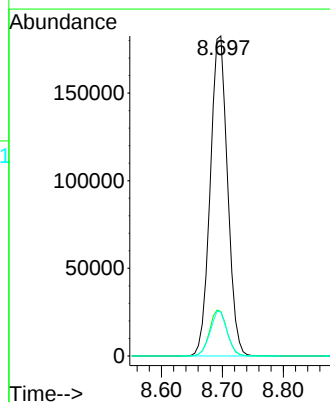
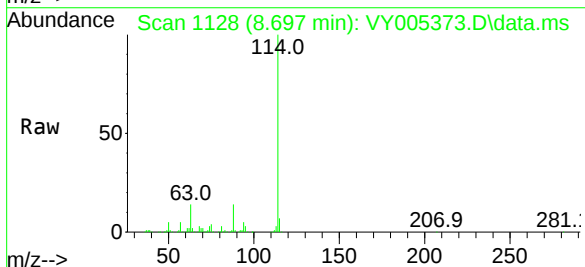
Tgt Ion: 114 Resp: 359438

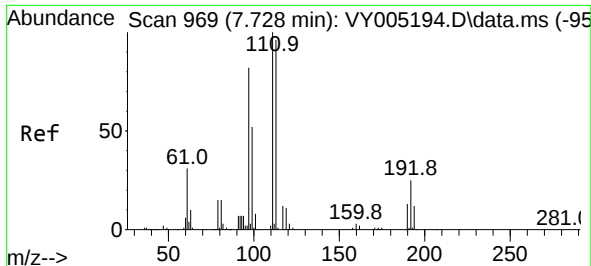
Ion Ratio Lower Upper

114 100

63 13.9 0.0 35.2

88 13.7 0.0 29.4





#35

Dibromofluoromethane

Concen: 48.980 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY005373.D

Acq: 07 Jul 2021 18:27

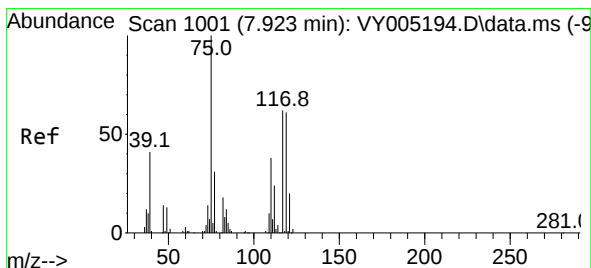
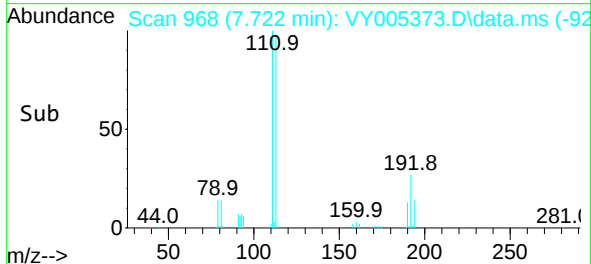
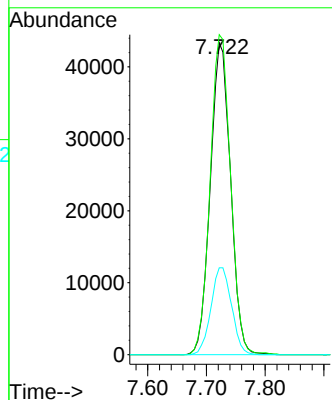
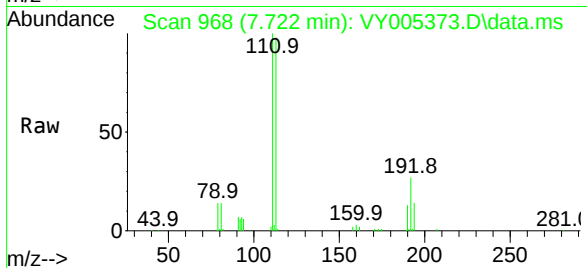
Tgt Ion:113 Resp: 103828

Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 28.3 20.2 30.2



#36

1,1-Dichloropropene

Concen: 3.524 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005373.D

Acq: 07 Jul 2021 18:27

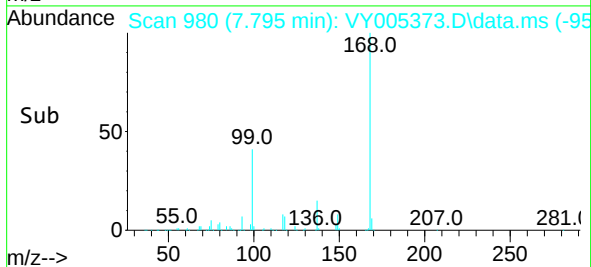
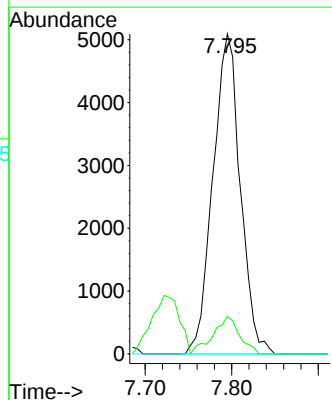
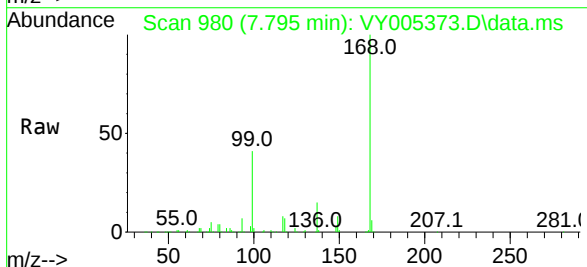
Tgt Ion: 75 Resp: 11155

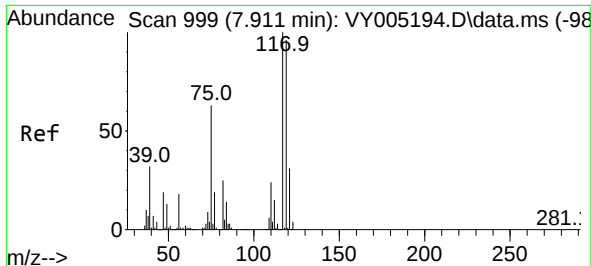
Ion Ratio Lower Upper

75 100

110 10.9 19.1 57.5#

77 0.0 25.2 37.8#

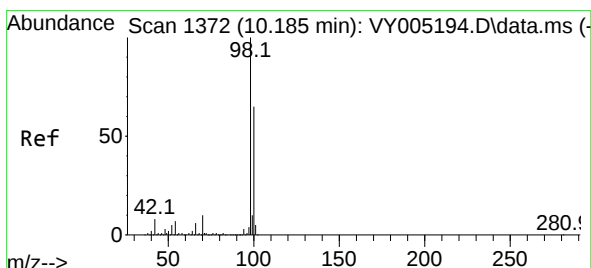
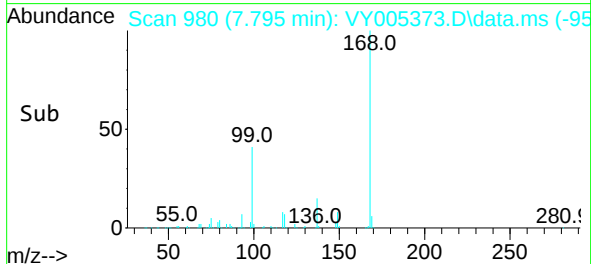
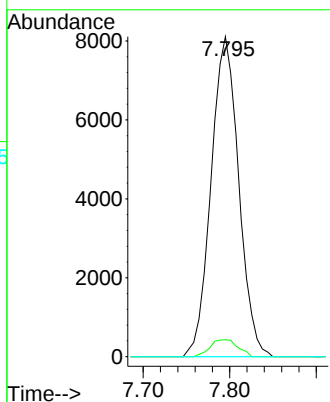
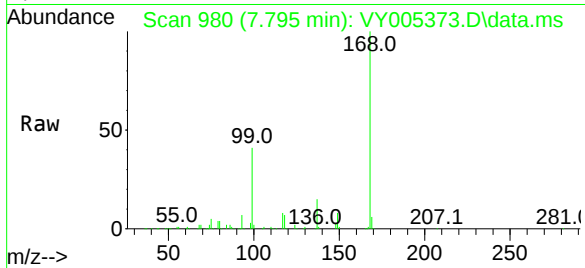




#38
Carbon Tetrachloride
Concen: 5.427 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005373.D
Acq: 07 Jul 2021 18:27

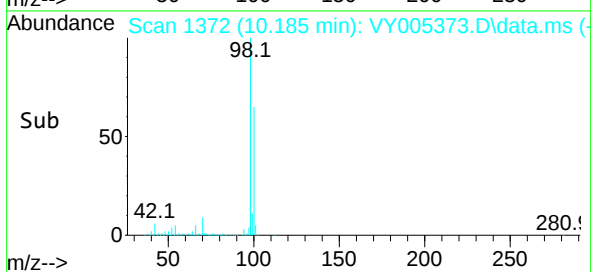
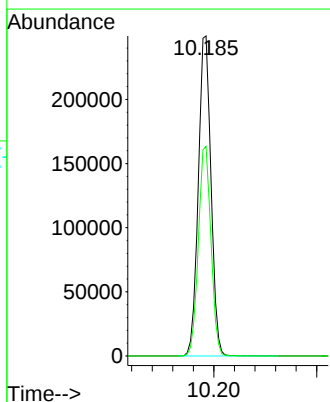
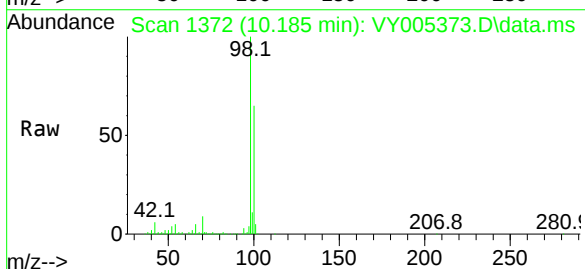
Instrument :
MSVOA_Y
ClientSampleId :

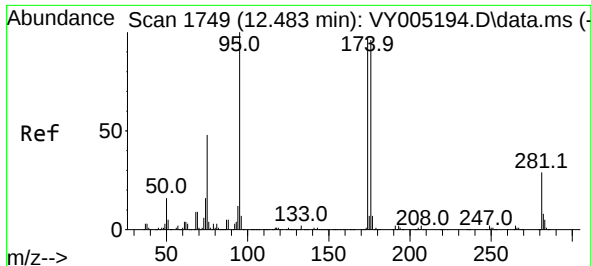
Tgt Ion:117 Resp: 17982
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.317 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005373.D
Acq: 07 Jul 2021 18:27

Tgt Ion: 98 Resp: 426551
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

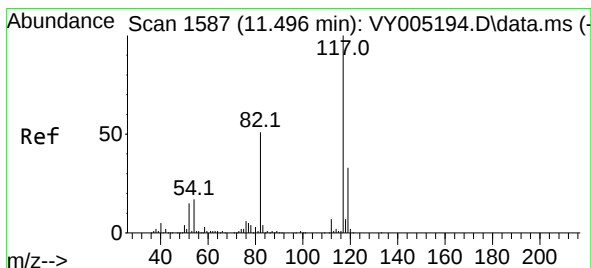
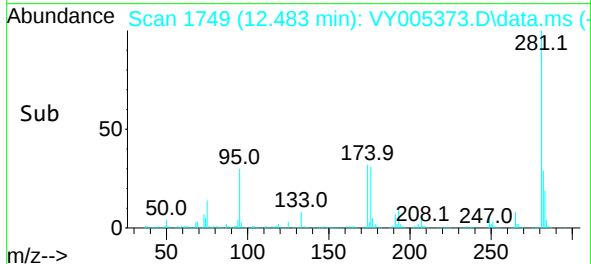
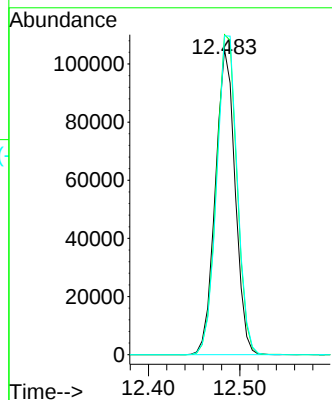
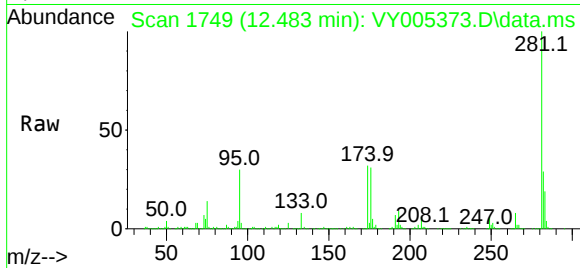




#62
4-Bromofluorobenzene
Concen: 55.934 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005373.D
Acq: 07 Jul 2021 18:27

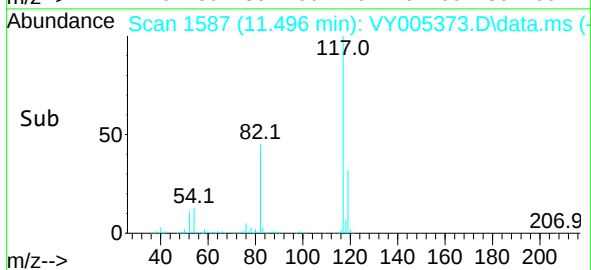
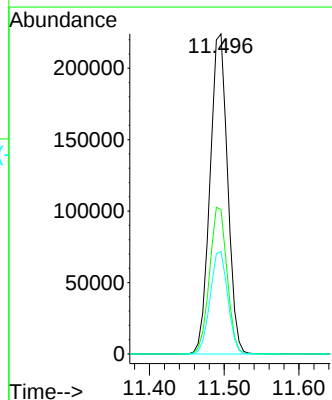
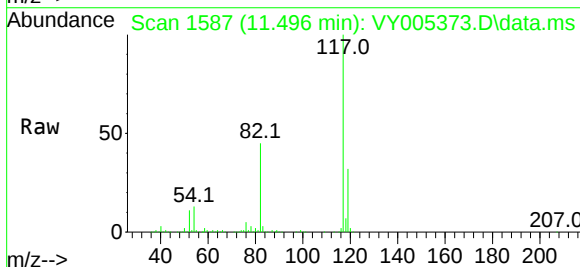
Instrument :
MSVOA_Y
ClientSampled :

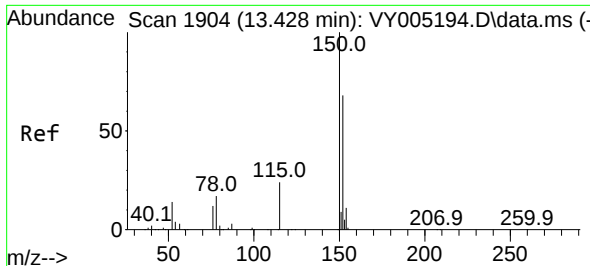
Tgt Ion: 95 Resp: 158006
Ion Ratio Lower Upper
95 100
174 108.6 0.0 201.6
176 108.7 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005373.D
Acq: 07 Jul 2021 18:27

Tgt Ion: 117 Resp: 365976
Ion Ratio Lower Upper
117 100
82 45.1 40.6 60.8
119 32.0 26.1 39.1

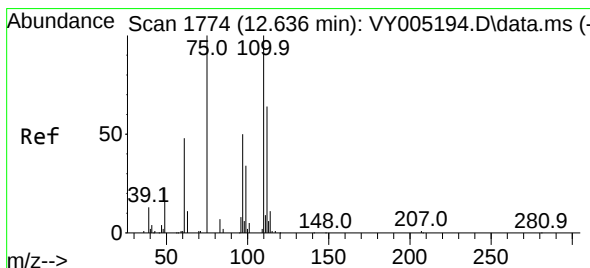
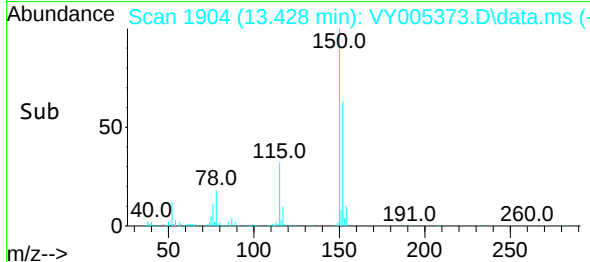
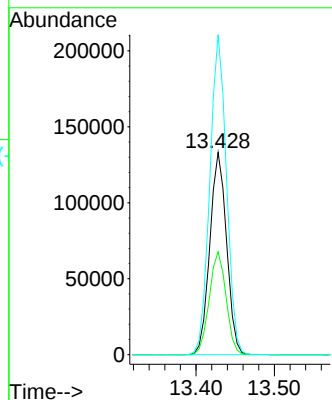
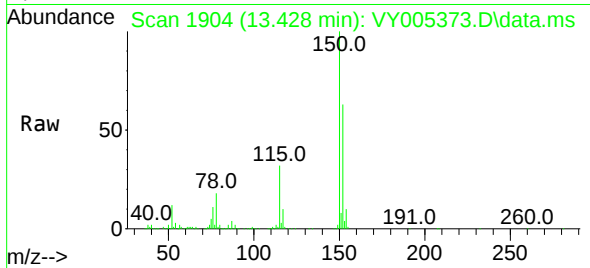




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005373.D
 Acq: 07 Jul 2021 18:27

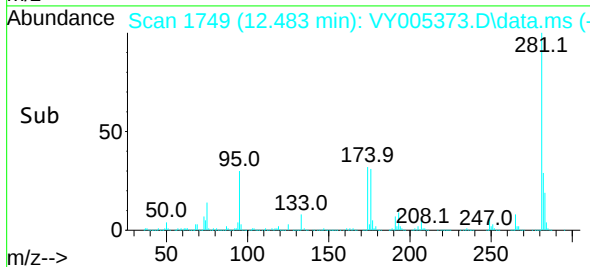
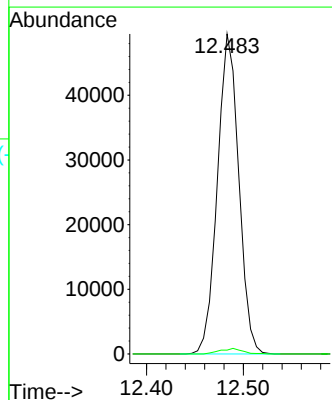
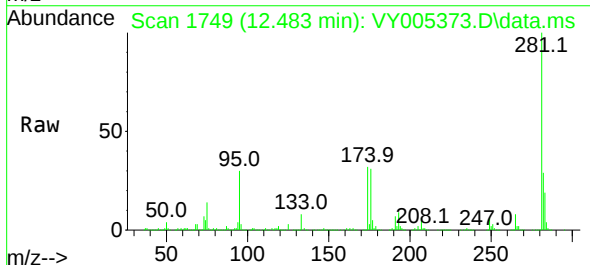
Instrument :
 MSVOA_Y
 ClientSampled :

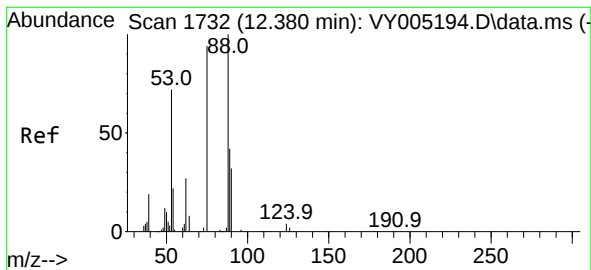
Tgt Ion:152 Resp: 197327
 Ion Ratio Lower Upper
 152 100
 115 51.0 26.3 78.8
 150 157.0 0.0 344.2



#76
 1,2,3-Trichloropropane
 Concen: 43.303 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005373.D
 Acq: 07 Jul 2021 18:27

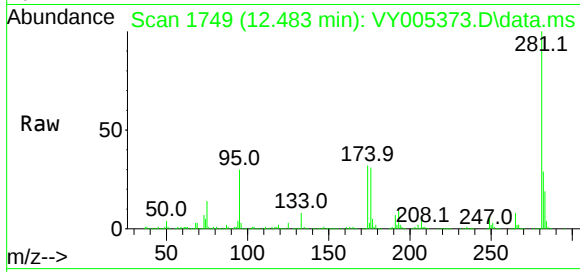
Tgt Ion: 75 Resp: 75783
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.793 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005373.D
 Acq: 07 Jul 2021 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 75783
 Ion Ratio Lower Upper
 75 100
 53 0.1 63.0 94.4#
 89 4.2 38.0 57.0#

