

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070721\
 Data File : VY005369.D
 Acq On : 07 Jul 2021 16:54
 Operator : SY/MD
 Sample : M2947-01
 Misc : 7.31G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 08 02:05:51 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)

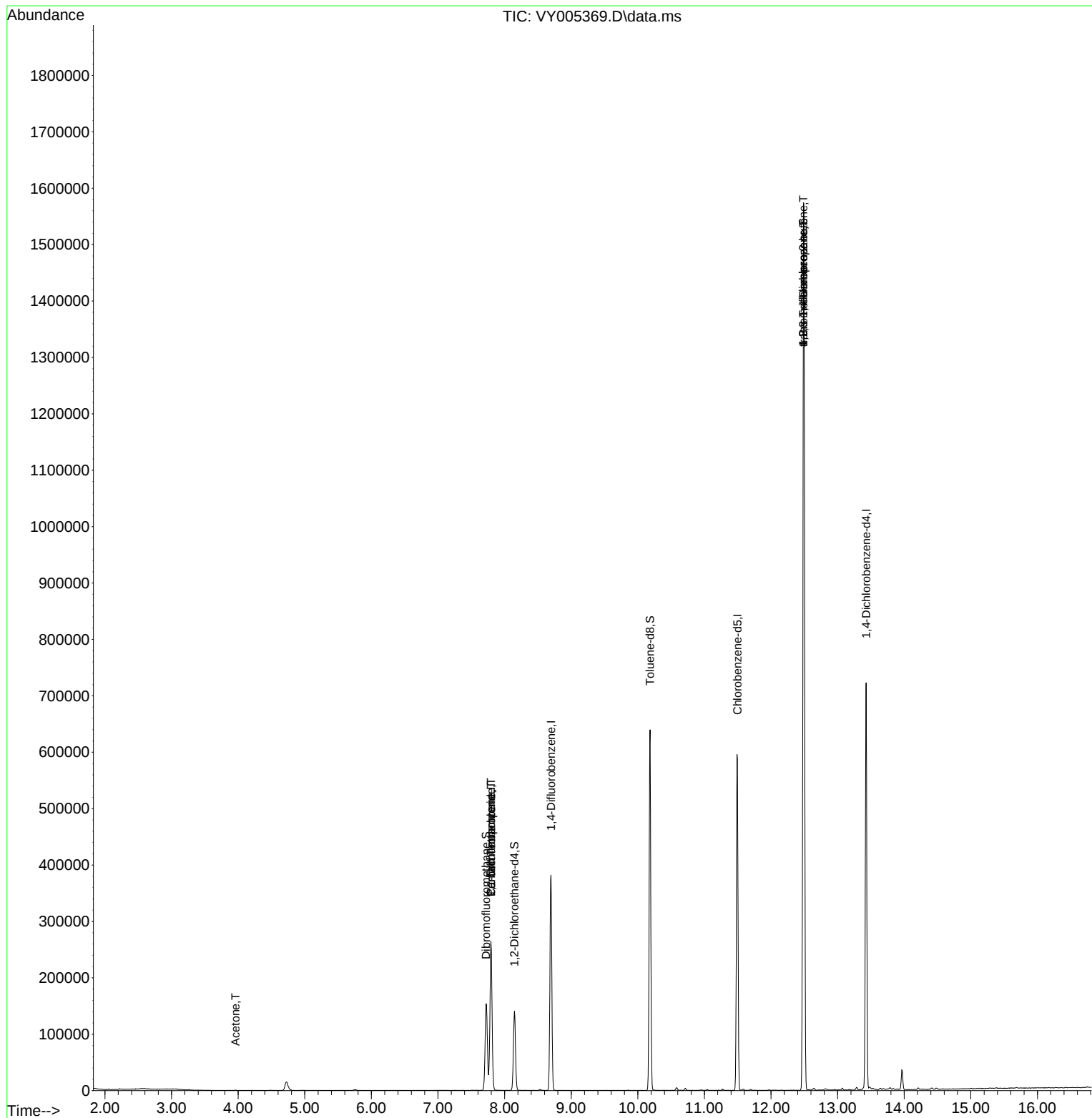
Internal Standards						
1) Pentafluorobenzene	7.795	168	238011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	371643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	381980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	209008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	109017	55.194	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.380%	
35) Dibromofluoromethane	7.722	113	110701	50.507	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.020%	
50) Toluene-d8	10.185	98	446157	50.901	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.800%	
62) 4-Bromofluorobenzene	12.483	95	168056	57.538	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.080%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	681	Below Cal	#	77
16) Acetone	3.960	43	831	1.821	ug/l #	72
20) Methylene Chloride	4.722	84	14317	Below Cal	#	86
36) 1,1-Dichloropropene	7.795	75	11924	3.644	ug/l #	48
38) Carbon Tetrachloride	7.795	117	18492	5.398	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	80744	43.559	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	80744	81.271	ug/l #	19

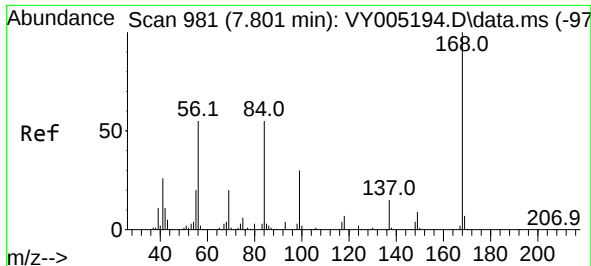
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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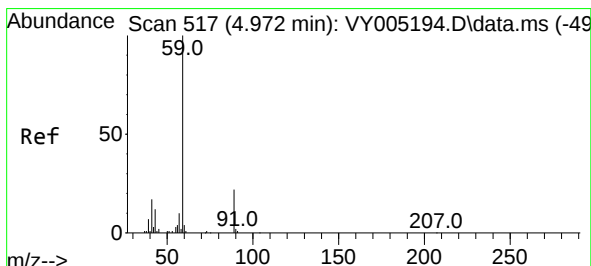
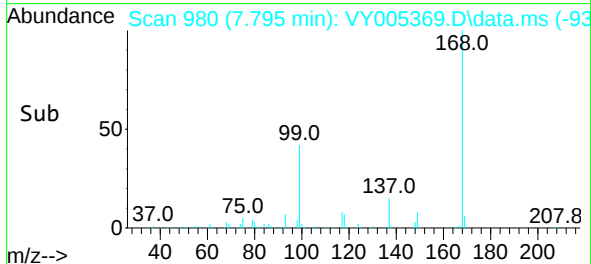
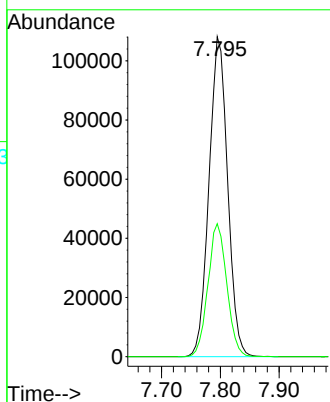
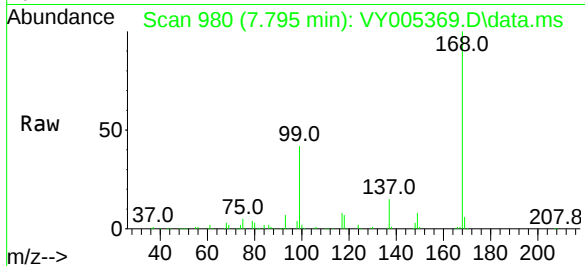




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005369.D
Acq: 07 Jul 2021 16:54

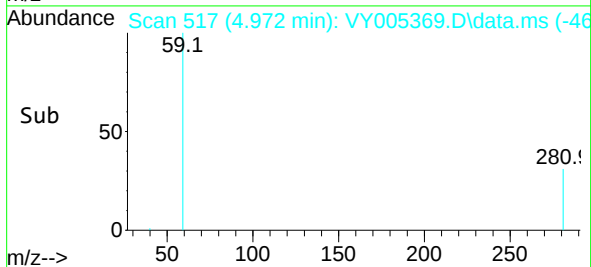
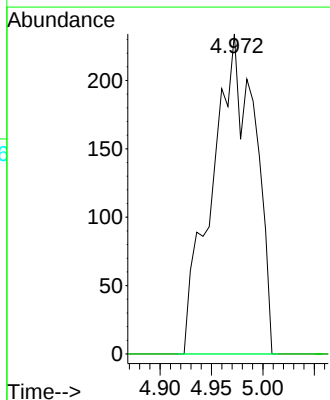
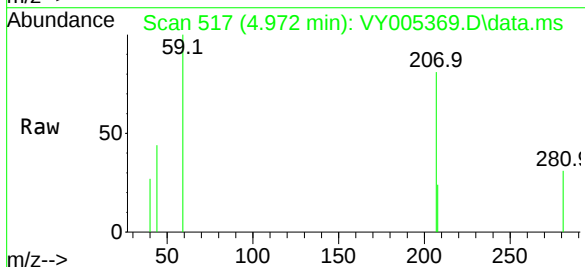
Instrument :
MSVOA_Y
ClientSampleId :

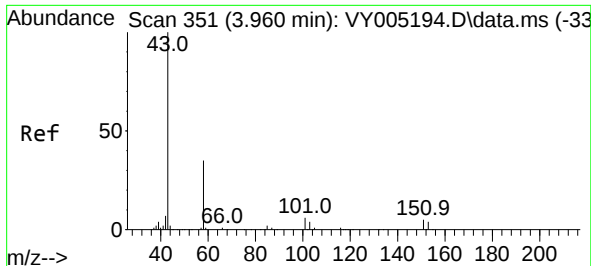
Tgt Ion:168 Resp: 238011
Ion Ratio Lower Upper
168 100
99 41.6 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY005369.D
Acq: 07 Jul 2021 16:54

Tgt Ion: 59 Resp: 681
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

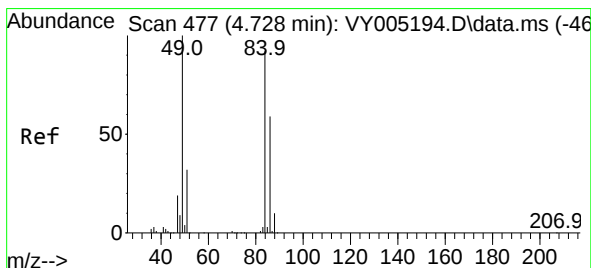
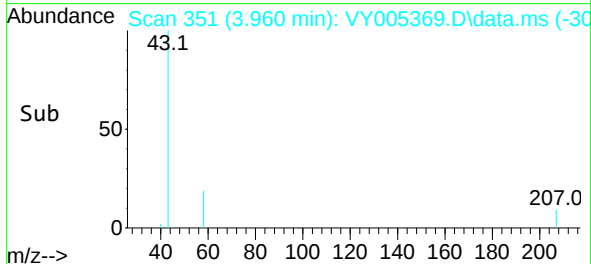
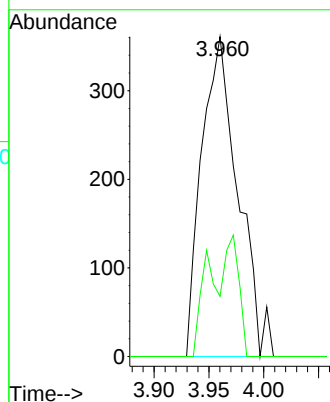
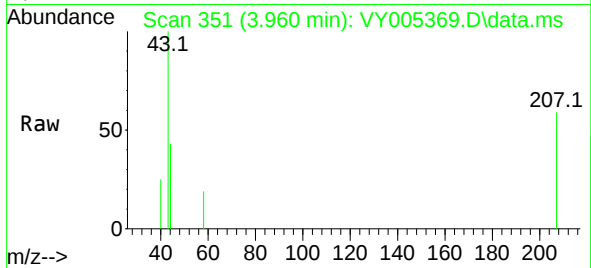




#16
Acetone
Concen: 1.821 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005369.D
Acq: 07 Jul 2021 16:54

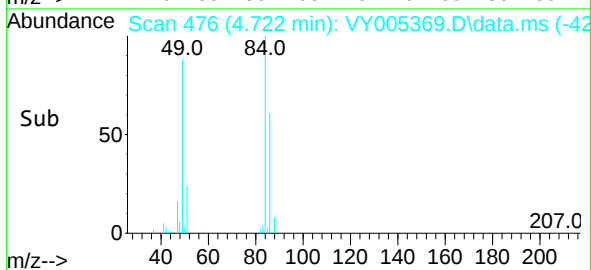
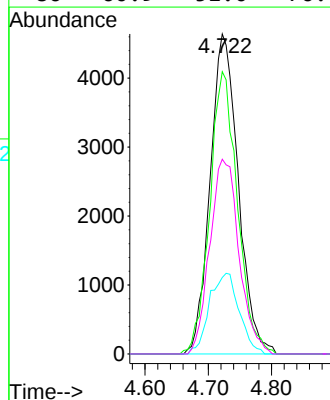
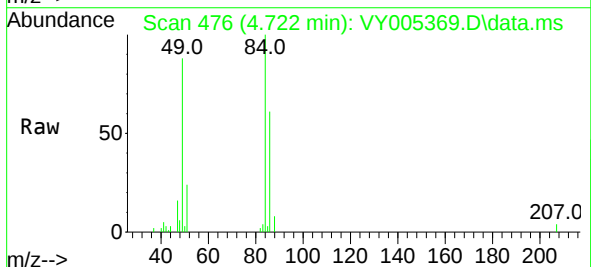
Instrument :
MSVOA_Y
ClientSampleId :

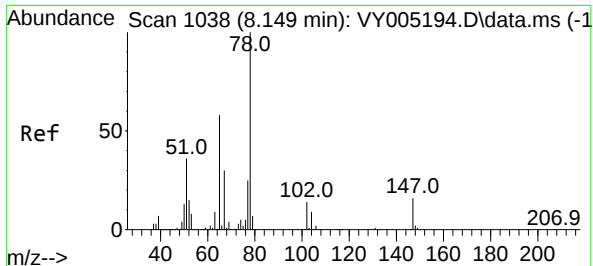
Tgt Ion: 43 Resp: 831
Ion Ratio Lower Upper
43 100
58 18.8 28.2 42.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY005369.D
Acq: 07 Jul 2021 16:54

Tgt Ion: 84 Resp: 14317
Ion Ratio Lower Upper
84 100
49 88.2 86.9 130.3
51 23.9 27.4 41.2#
86 60.9 51.0 76.6

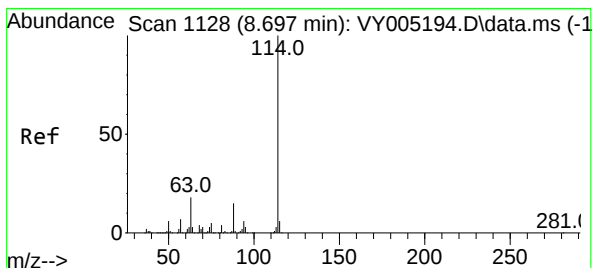
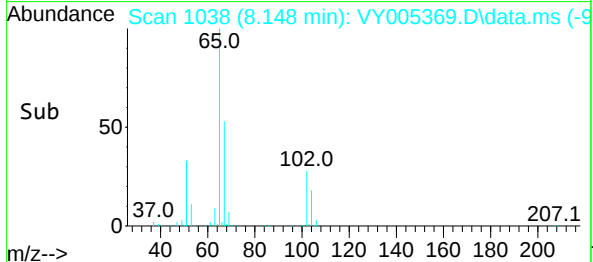
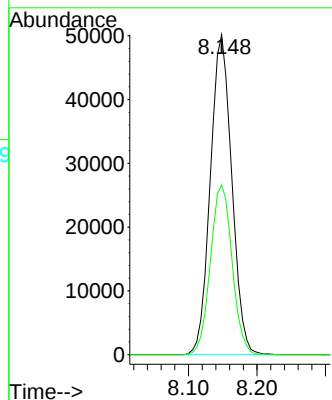
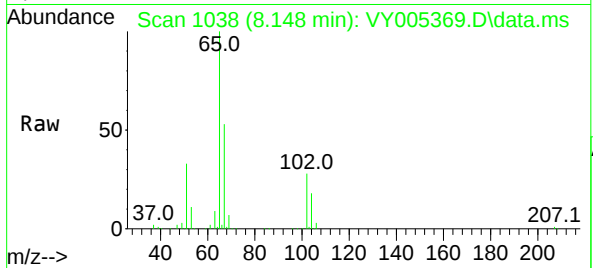




#33
1,2-Dichloroethane-d4
Concen: 55.194 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005369.D
Acq: 07 Jul 2021 16:54

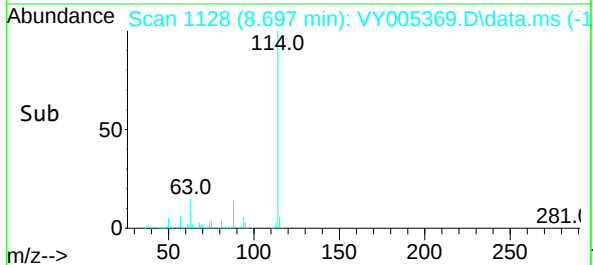
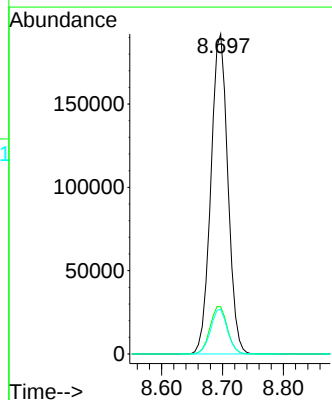
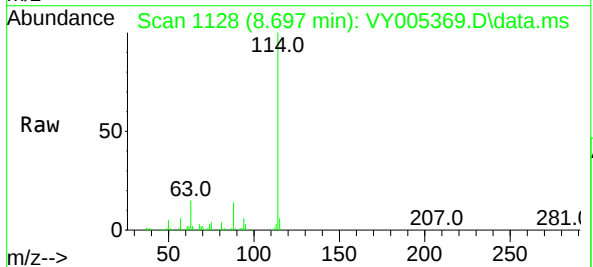
Instrument :
MSVOA_Y
ClientSampled :

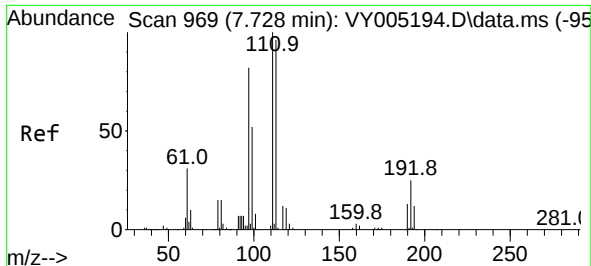
Tgt Ion: 65 Resp: 109017
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005369.D
Acq: 07 Jul 2021 16:54

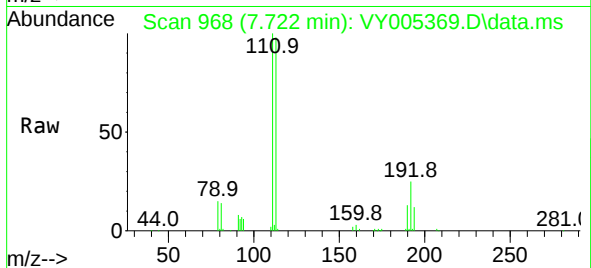
Tgt Ion: 114 Resp: 371643
Ion Ratio Lower Upper
114 100
63 14.8 0.0 35.2
88 13.9 0.0 29.4



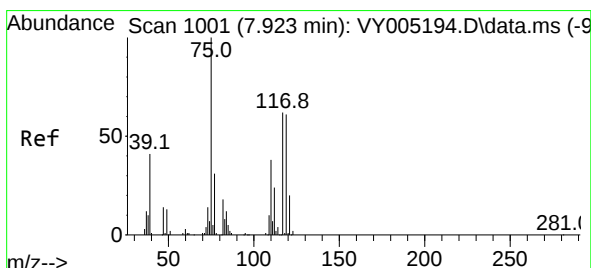
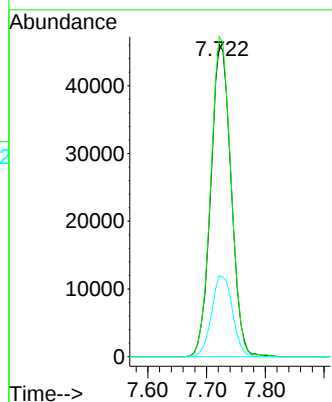
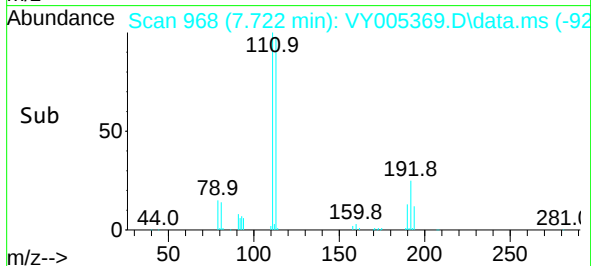


#35
Dibromofluoromethane
Concen: 50.507 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005369.D
Acq: 07 Jul 2021 16:54

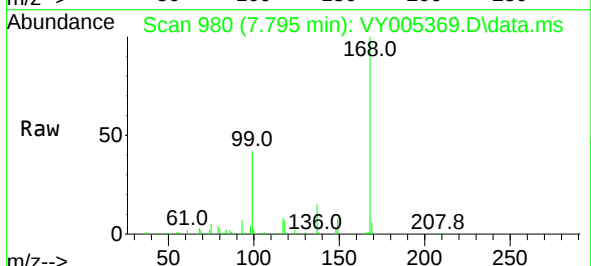
Instrument :
MSVOA_Y
ClientSampleId :



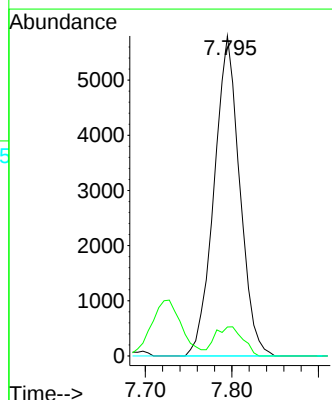
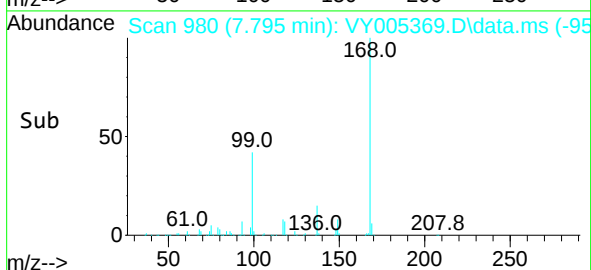
Tgt Ion:113 Resp: 110701
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 26.6 20.2 30.2

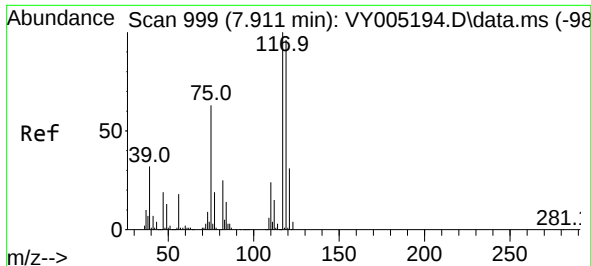


#36
1,1-Dichloropropene
Concen: 3.644 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005369.D
Acq: 07 Jul 2021 16:54



Tgt Ion: 75 Resp: 11924
Ion Ratio Lower Upper
75 100
110 9.8 19.1 57.5#
77 0.0 25.2 37.8#

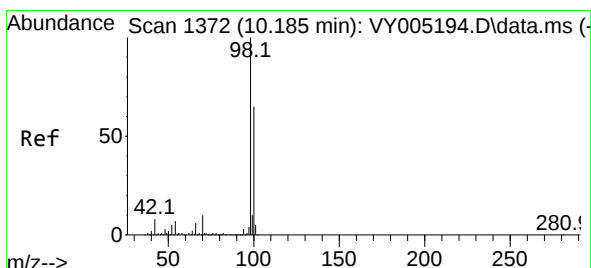
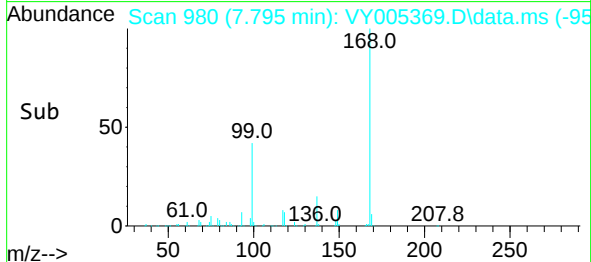
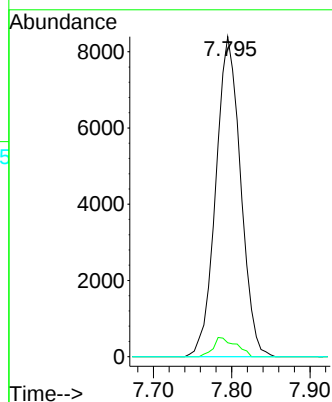
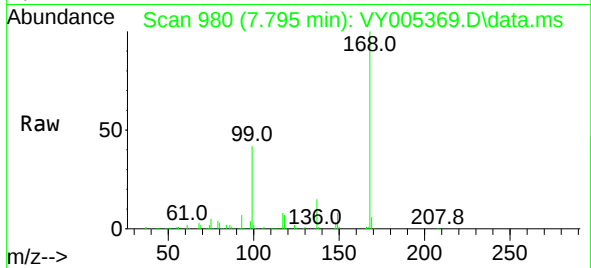




#38
Carbon Tetrachloride
Concen: 5.398 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005369.D
Acq: 07 Jul 2021 16:54

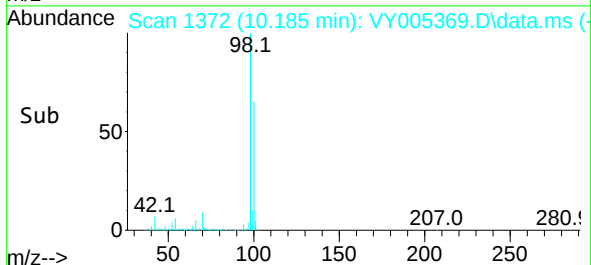
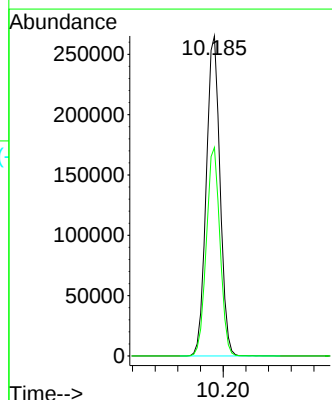
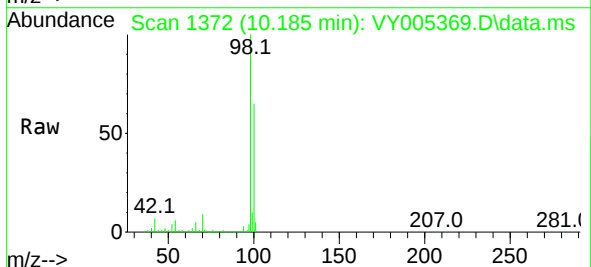
Instrument :
MSVOA_Y
ClientSampleId :

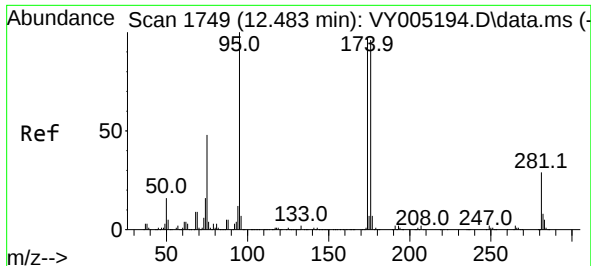
Tgt Ion:117 Resp: 18492
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.901 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005369.D
Acq: 07 Jul 2021 16:54

Tgt Ion: 98 Resp: 446157
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9

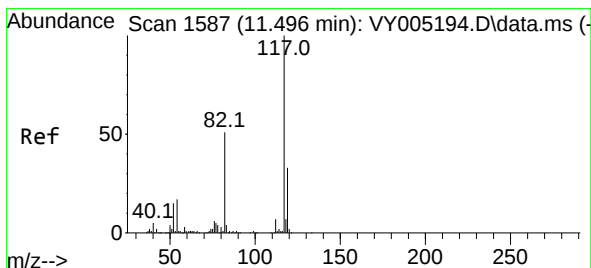
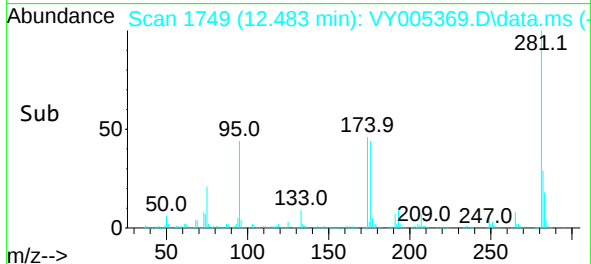
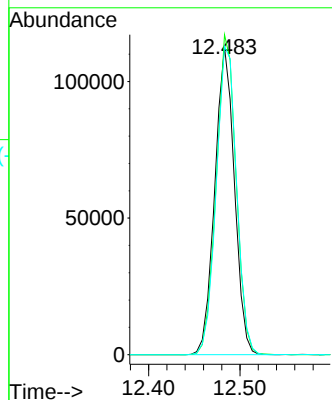
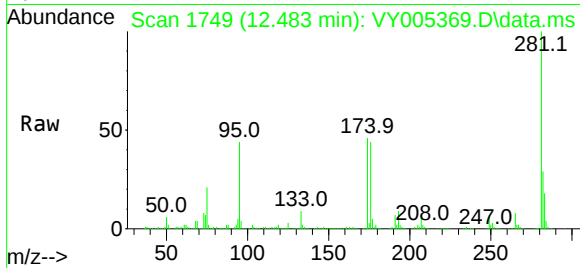




#62
4-Bromofluorobenzene
Concen: 57.538 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005369.D
Acq: 07 Jul 2021 16:54

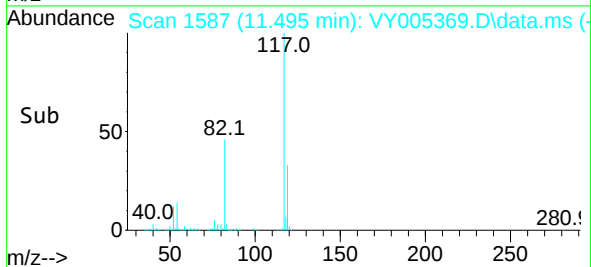
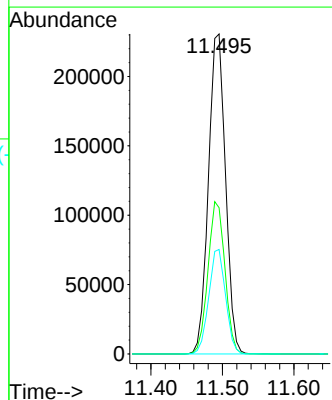
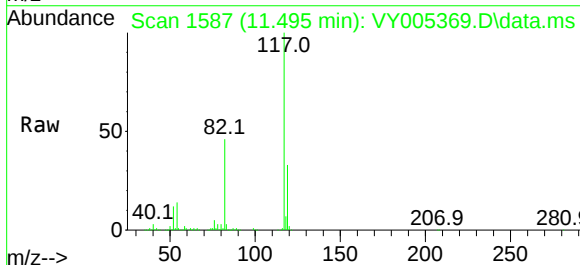
Instrument :
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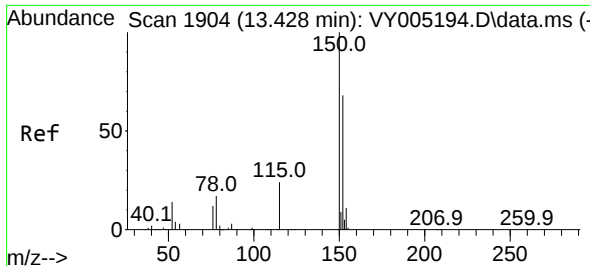
Tgt Ion: 95 Resp: 168056
Ion Ratio Lower Upper
95 100
174 104.9 0.0 201.6
176 103.7 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005369.D
Acq: 07 Jul 2021 16:54

Tgt Ion: 117 Resp: 381980
Ion Ratio Lower Upper
117 100
82 45.7 40.6 60.8
119 32.7 26.1 39.1

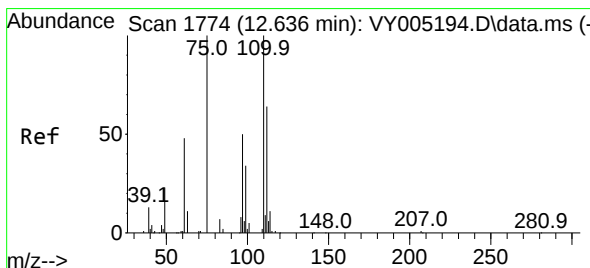
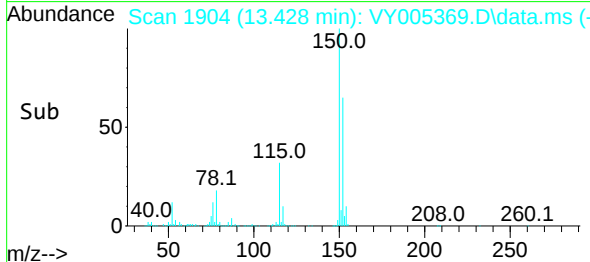
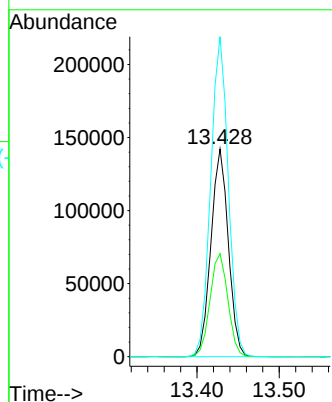
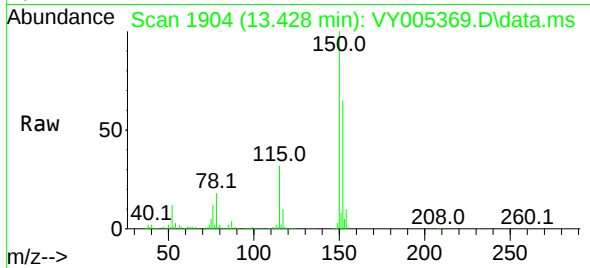




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005369.D
 Acq: 07 Jul 2021 16:54

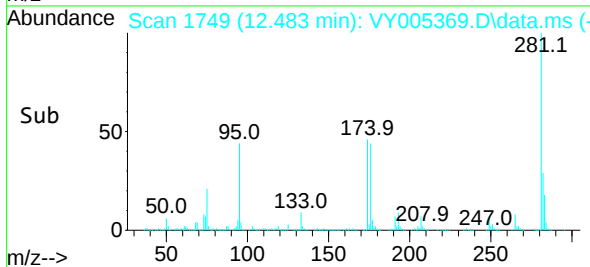
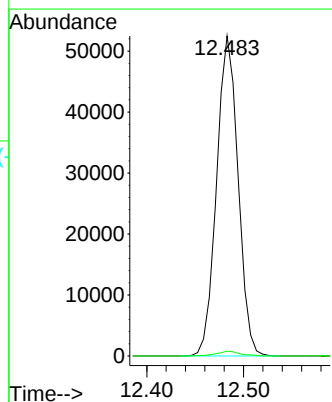
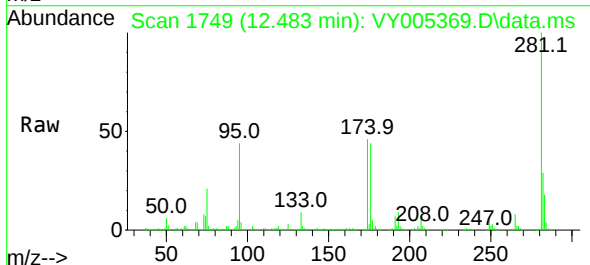
Instrument :
 MSVOA_Y
 ClientSampleId :

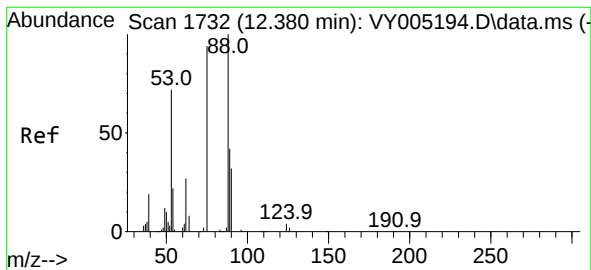
Tgt Ion:152 Resp: 209008
 Ion Ratio Lower Upper
 152 100
 115 50.9 26.3 78.8
 150 155.8 0.0 344.2



#76
 1,2,3-Trichloropropane
 Concen: 43.559 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005369.D
 Acq: 07 Jul 2021 16:54

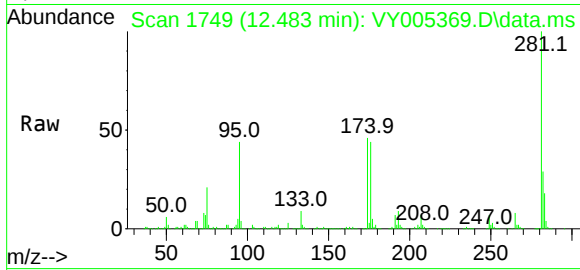
Tgt Ion: 75 Resp: 80744
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 81.271 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005369.D
Acq: 07 Jul 2021 16:54

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	3.1	38.0	57.0#

