

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081321\
 Data File : VY005639.D
 Acq On : 13 Aug 2021 17:15
 Operator : SY/MD
 Sample : M3408-04
 Misc : 9.76G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 32S

Quant Time: Aug 14 03:36:52 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	7.795	168	228404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	388395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	386982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	195171	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	148545	64.249	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.500%
35) Dibromofluoromethane	7.722	113	118361	54.431	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.860%
50) Toluene-d8	10.185	98	493539	54.117	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.240%
62) 4-Bromofluorobenzene	12.483	95	175542	58.126	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.260%

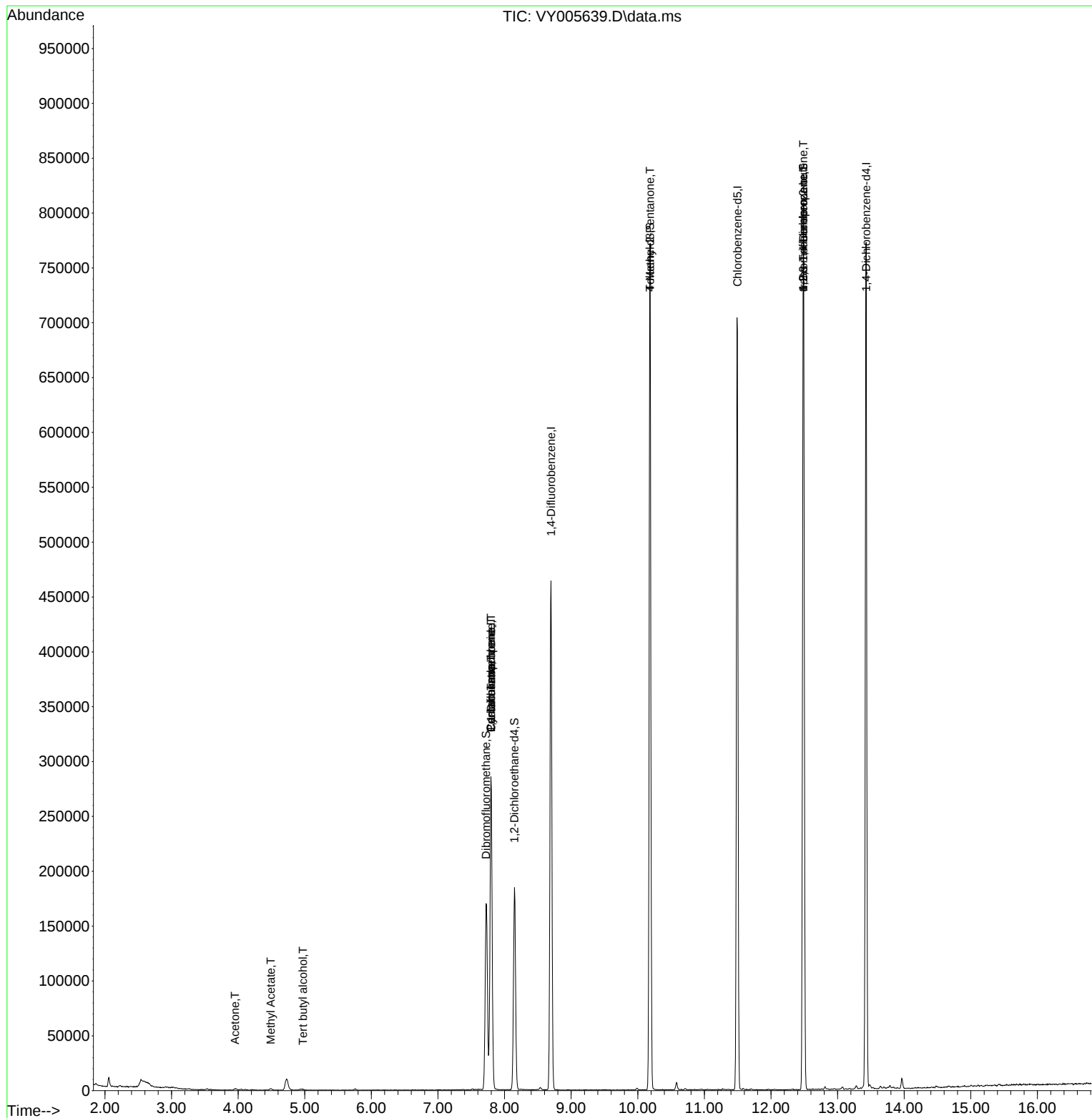
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.973	59	1169	5.115	ug/l #	73
16) Acetone	3.954	43	2241	3.844	ug/l	93
18) Methyl Acetate	4.491	43	2829	1.856	ug/l	97
20) Methylene Chloride	4.729	84	7522	Below Cal		98
31) Cyclohexane	7.795	56	4366	1.101	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	16694	4.583	ug/l #	49
38) Carbon Tetrachloride	7.795	117	21073	5.322	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	2208	1.003	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	97363	48.139	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	97363	97.042	ug/l #	11

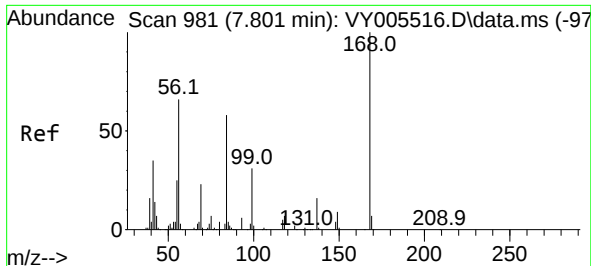
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration

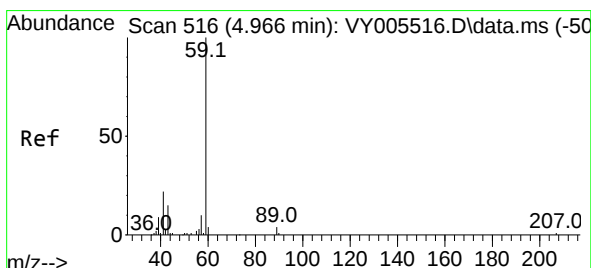
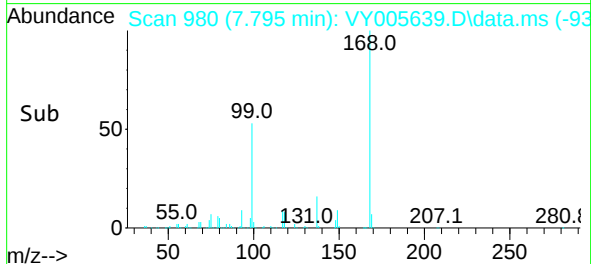
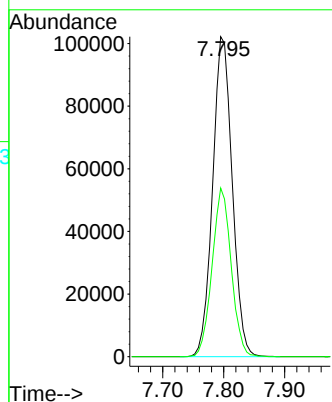
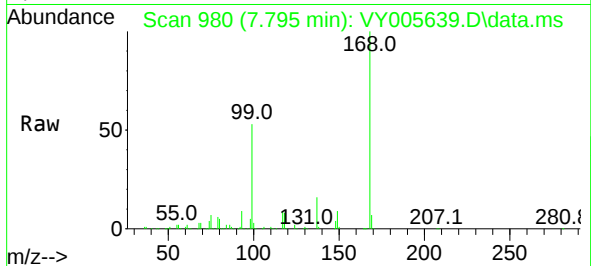




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005639.D
Acq: 13 Aug 2021 17:15

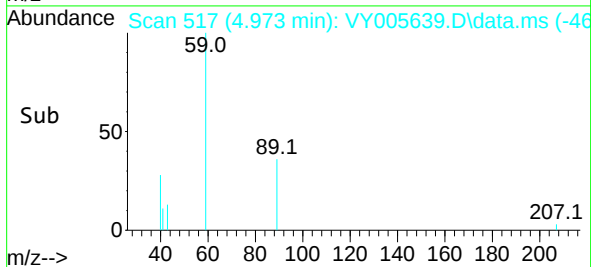
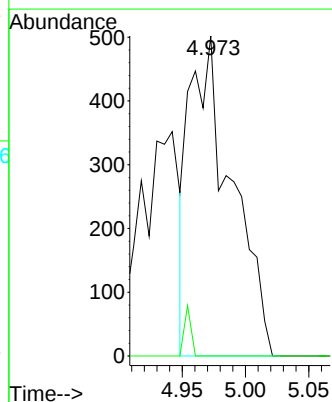
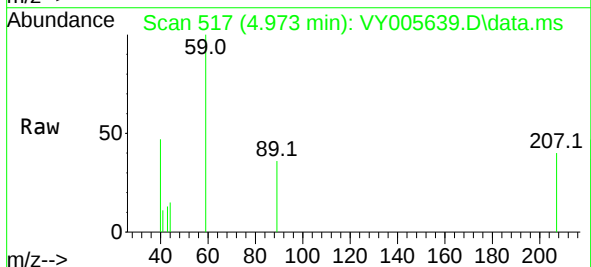
Instrument :
MSVOA_Y
ClientSampleId :
32S

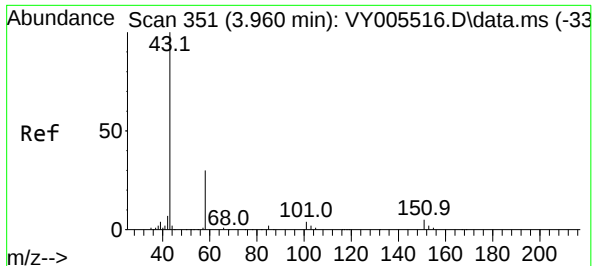
Tgt Ion:168 Resp: 228404
Ion Ratio Lower Upper
168 100
99 52.7 38.9 58.3



#11
Tert butyl alcohol
Concen: 5.115 ug/l
RT: 4.973 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY005639.D
Acq: 13 Aug 2021 17:15

Tgt Ion: 59 Resp: 1169
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

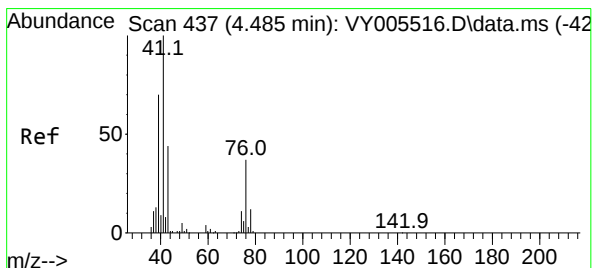
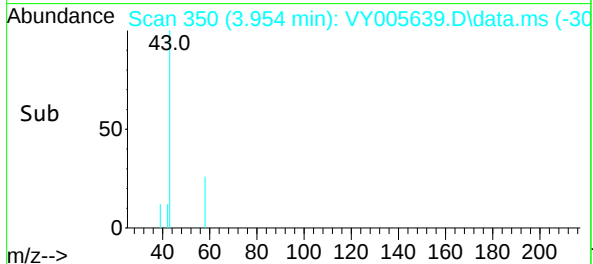
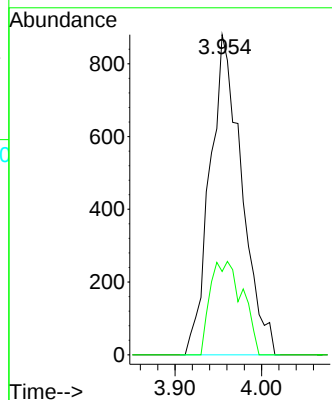
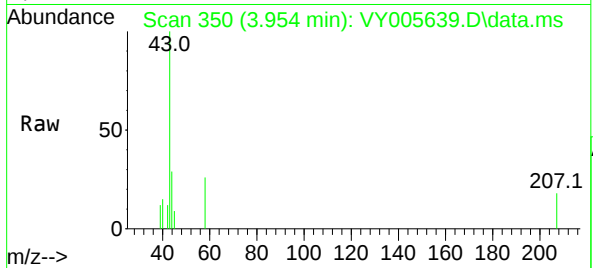




#16
Acetone
Concen: 3.844 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005639.D
Acq: 13 Aug 2021 17:15

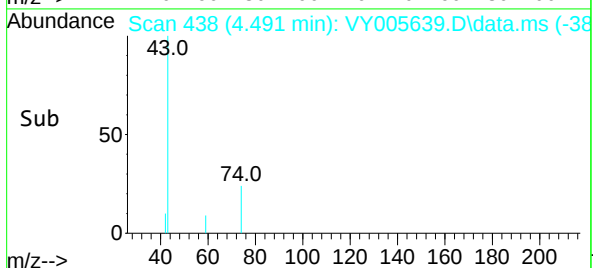
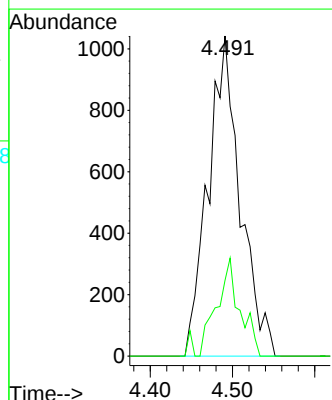
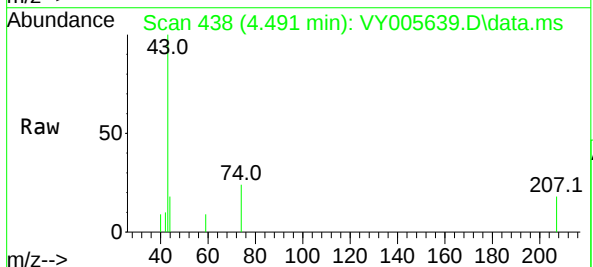
Instrument :
MSVOA_Y
ClientSampleId :
32S

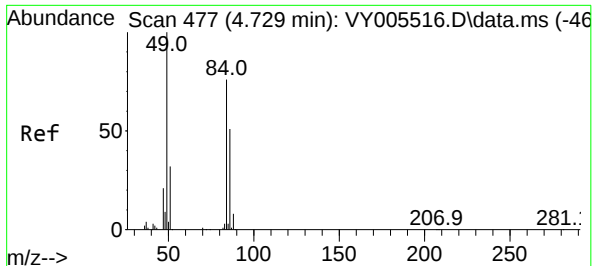
Tgt Ion: 43 Resp: 2241
Ion Ratio Lower Upper
43 100
58 26.0 23.8 35.6



#18
Methyl Acetate
Concen: 1.856 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY005639.D
Acq: 13 Aug 2021 17:15

Tgt Ion: 43 Resp: 2829
Ion Ratio Lower Upper
43 100
74 22.1 19.0 28.6





#20

Methylene Chloride

Concen: Below Cal

RT: 4.729 min Scan# 477

Delta R.T. -0.000 min

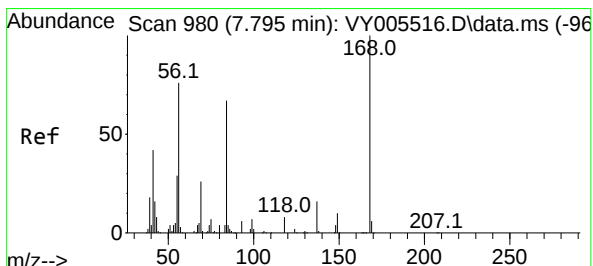
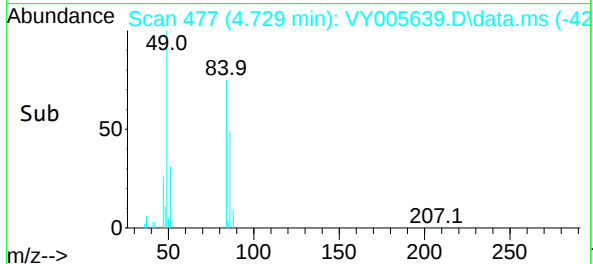
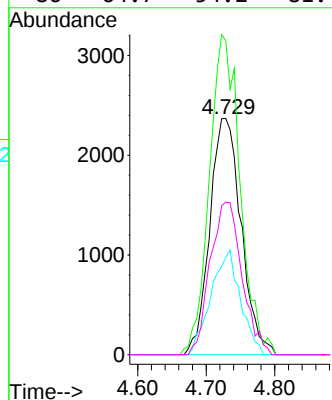
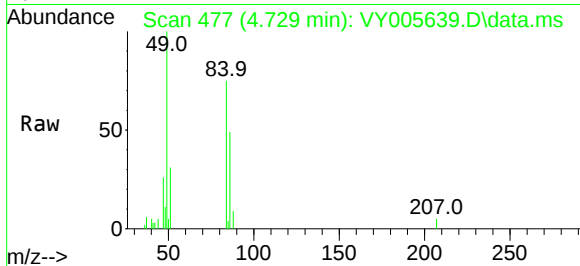
Lab File: VY005639.D

Acq: 13 Aug 2021 17:15

Instrument :
MSVOA_Y
ClientSampled :
32S

Tgt Ion: 84 Resp: 7522

Ion	Ratio	Lower	Upper
84	100		
49	132.9	105.8	158.6
51	41.2	33.4	50.2
86	64.7	54.2	81.4



#31

Cyclohexane

Concen: 1.101 ug/l

RT: 7.795 min Scan# 980

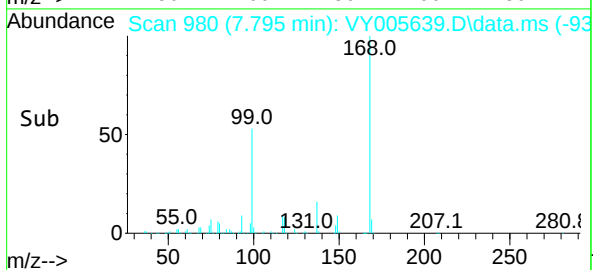
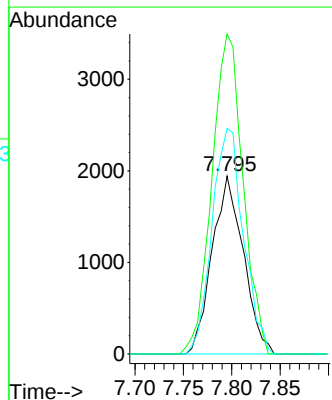
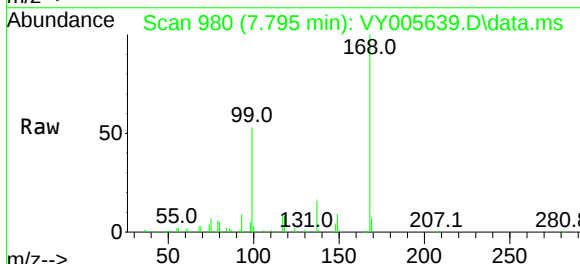
Delta R.T. 0.000 min

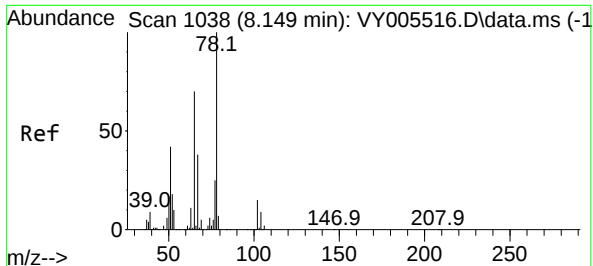
Lab File: VY005639.D

Acq: 13 Aug 2021 17:15

Tgt Ion: 56 Resp: 4366

Ion	Ratio	Lower	Upper
56	100		
69	180.1	27.7	41.5#
84	126.8	70.9	106.3#

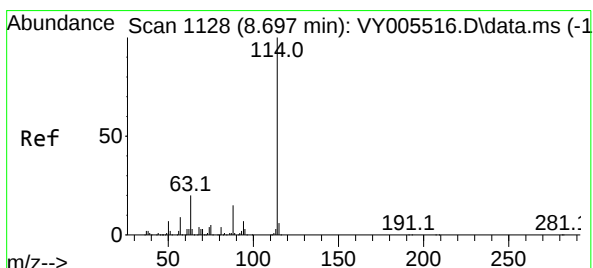
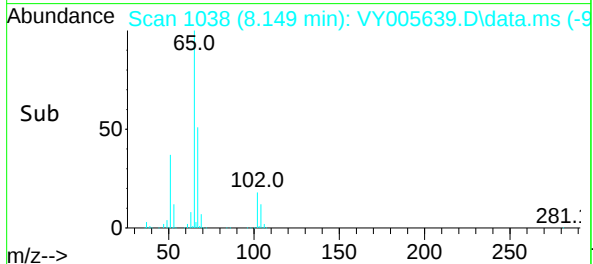
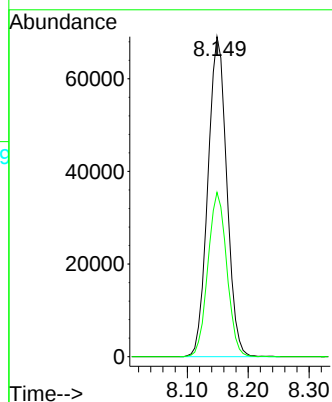
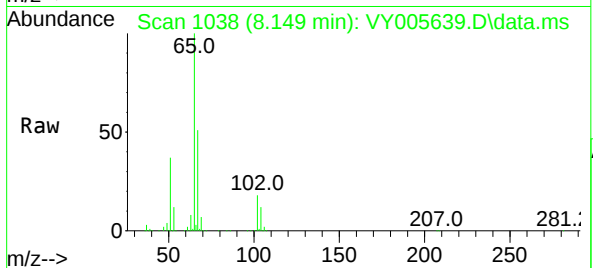




#33
1,2-Dichloroethane-d4
Concen: 64.249 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005639.D
Acq: 13 Aug 2021 17:15

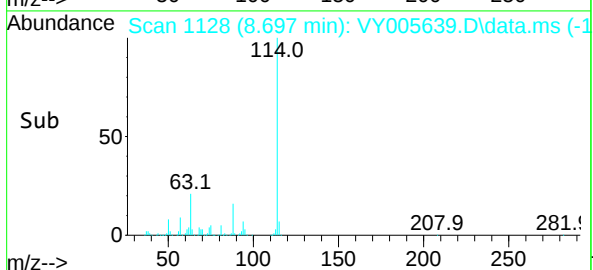
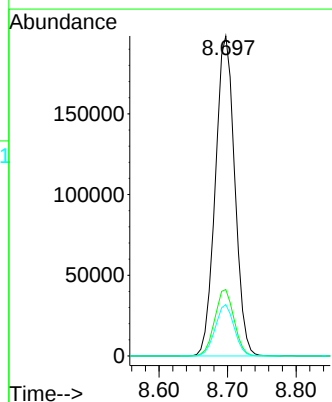
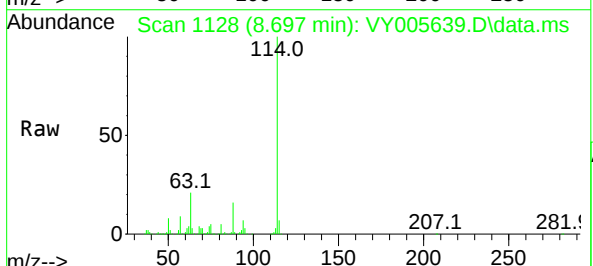
Instrument :
MSVOA_Y
ClientSampled :
32S

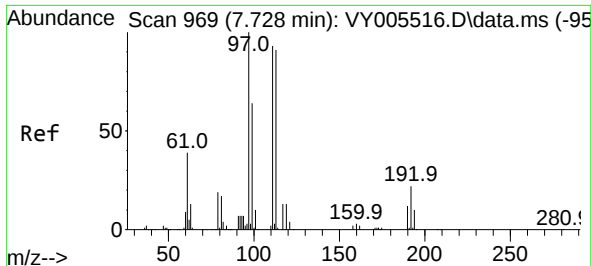
Tgt Ion: 65 Resp: 148545
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005639.D
Acq: 13 Aug 2021 17:15

Tgt Ion: 114 Resp: 388395
Ion Ratio Lower Upper
114 100
63 20.8 0.0 39.2
88 16.1 0.0 30.8

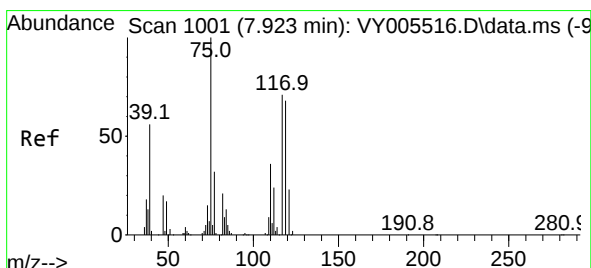
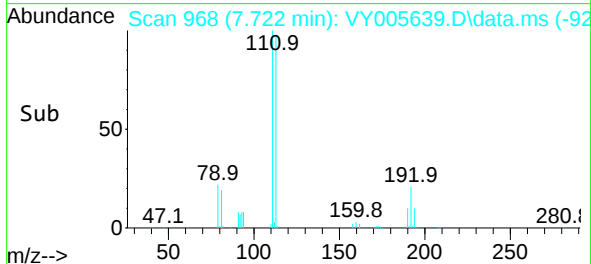
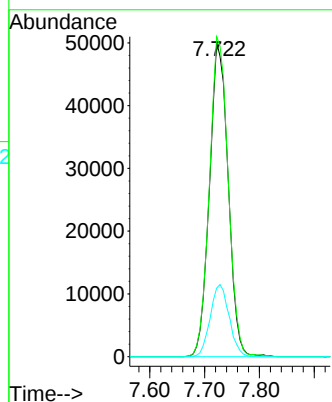
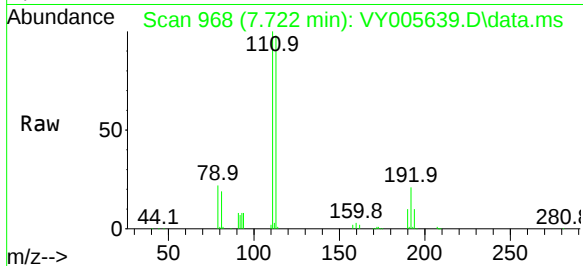




#35
Dibromofluoromethane
Concen: 54.431 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005639.D
Acq: 13 Aug 2021 17:15

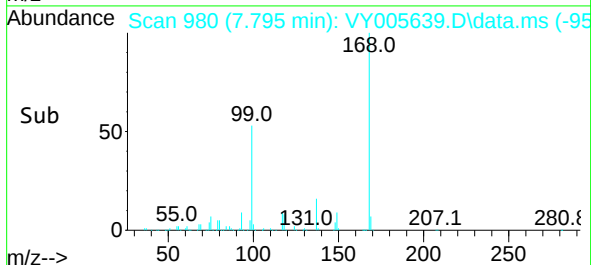
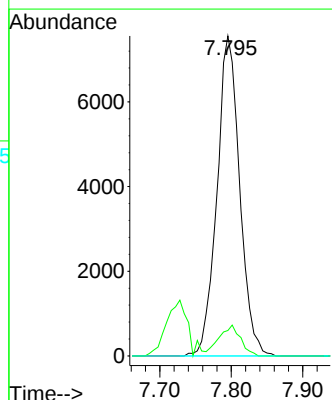
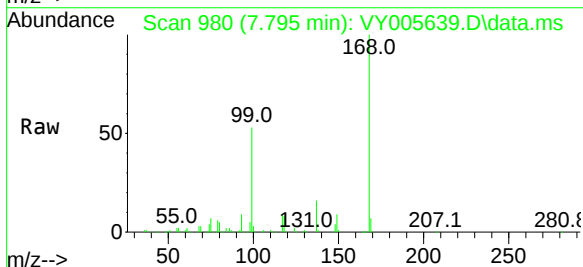
Instrument :
MSVOA_Y
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32S

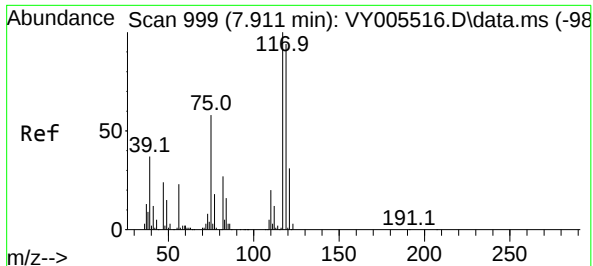
Tgt Ion:113 Resp: 118361
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 23.2 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.583 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005639.D
Acq: 13 Aug 2021 17:15

Tgt Ion: 75 Resp: 16694
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.1#
77 0.0 25.1 37.7#

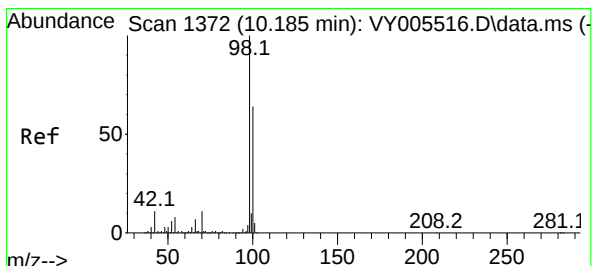
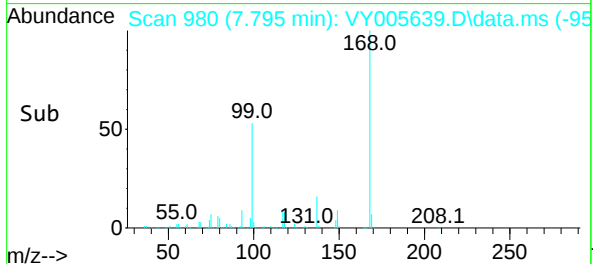
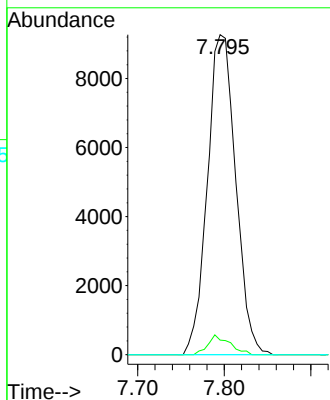
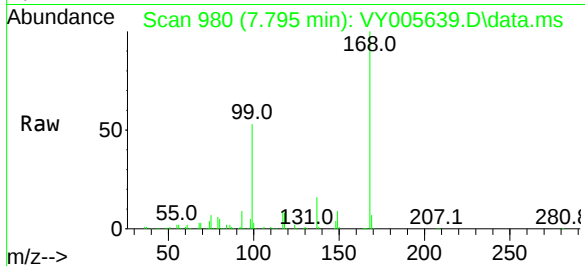




#38
Carbon Tetrachloride
Concen: 5.322 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005639.D
Acq: 13 Aug 2021 17:15

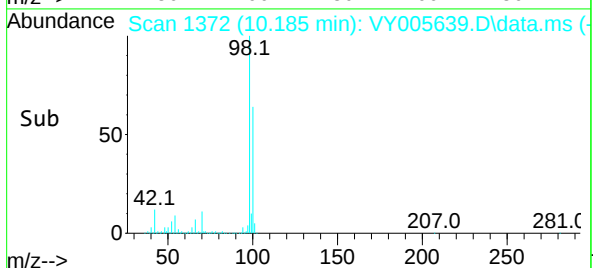
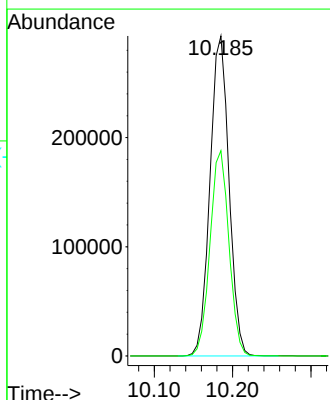
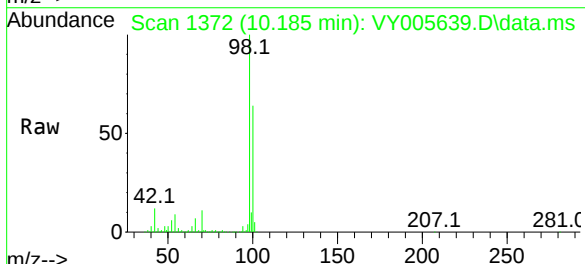
Instrument :
MSVOA_Y
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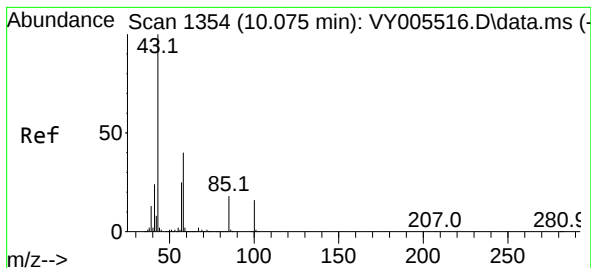
Tgt Ion:117 Resp: 21073
Ion Ratio Lower Upper
117 100
119 4.5 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 54.117 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005639.D
Acq: 13 Aug 2021 17:15

Tgt Ion: 98 Resp: 493539
Ion Ratio Lower Upper
98 100
100 64.0 51.3 76.9

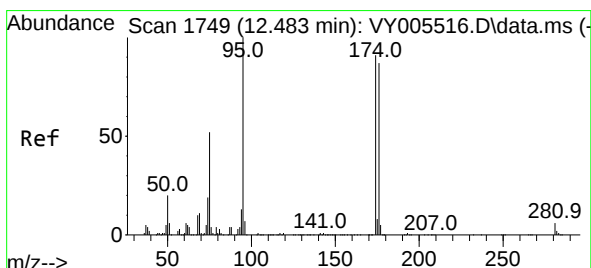
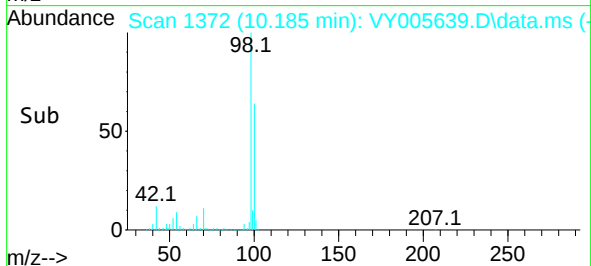
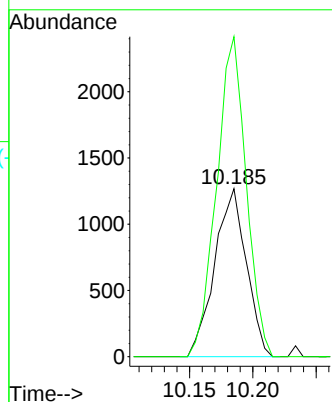
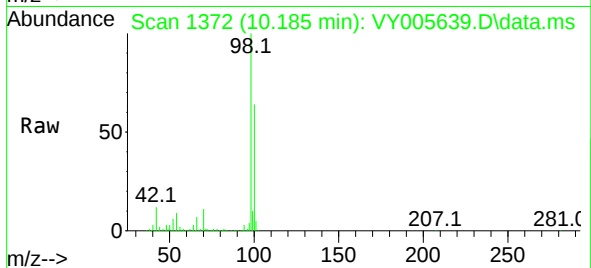




#51
4-Methyl-2-Pentanone
Concen: 1.003 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005639.D
Acq: 13 Aug 2021 17:15

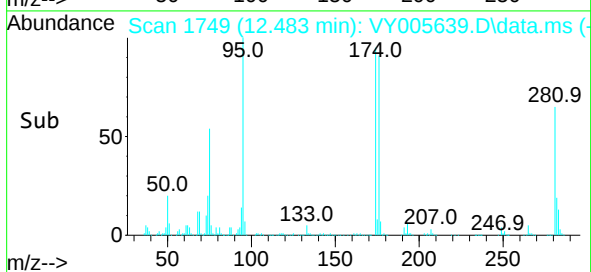
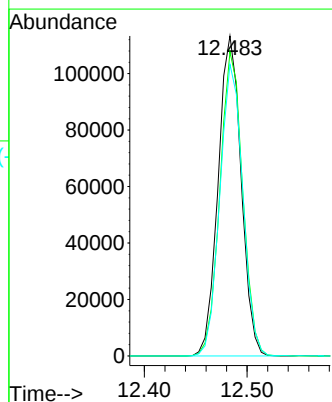
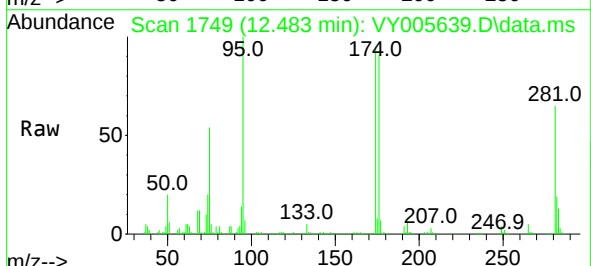
Instrument :
MSVOA_Y
ClientSampled :
32S

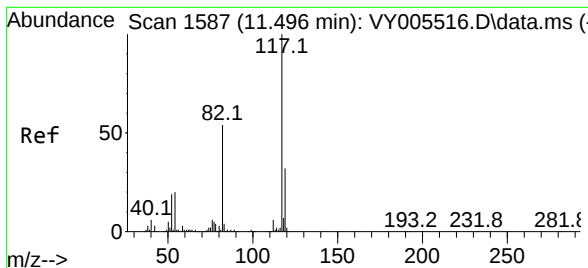
Tgt Ion: 43 Resp: 2208
Ion Ratio Lower Upper
43 100
58 178.3 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 58.126 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005639.D
Acq: 13 Aug 2021 17:15

Tgt Ion: 95 Resp: 175542
Ion Ratio Lower Upper
95 100
174 94.1 0.0 191.4
176 90.8 0.0 183.6

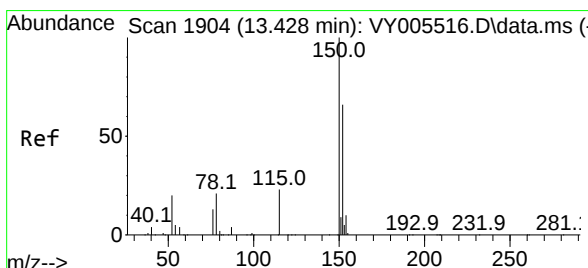
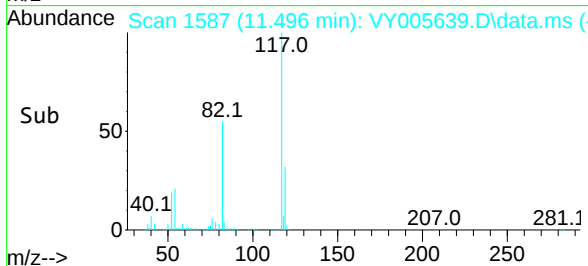
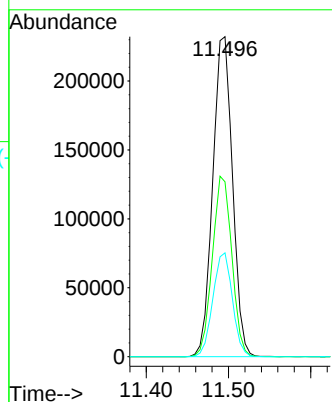
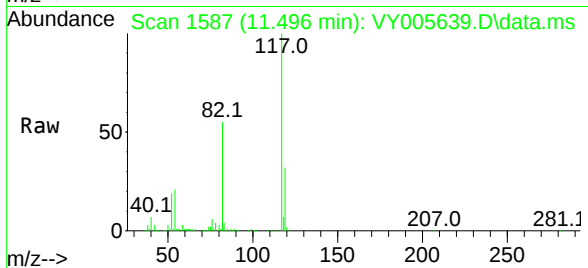




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005639.D
Acq: 13 Aug 2021 17:15

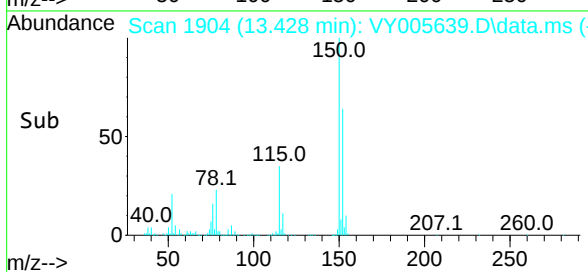
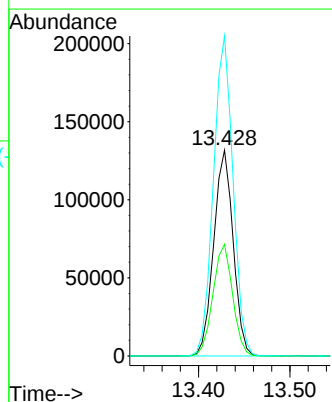
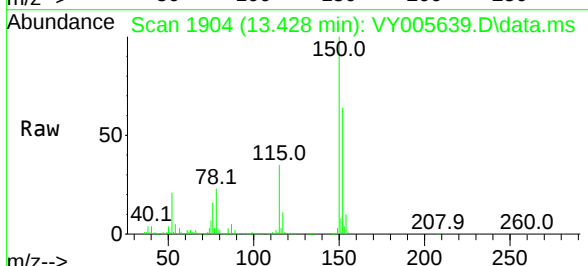
Instrument :
MSVOA_Y
ClientSampleId :
32S

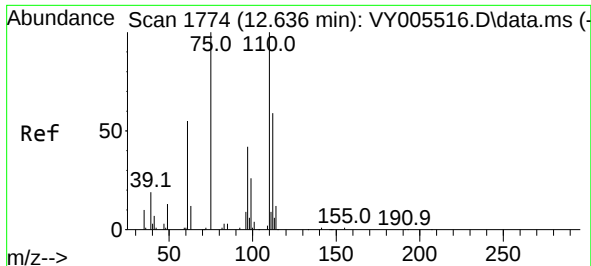
Tgt Ion:117 Resp: 386982
Ion Ratio Lower Upper
117 100
82 54.7 43.5 65.3
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005639.D
Acq: 13 Aug 2021 17:15

Tgt Ion:152 Resp: 195171
Ion Ratio Lower Upper
152 100
115 54.8 27.3 81.9
150 156.2 0.0 350.2

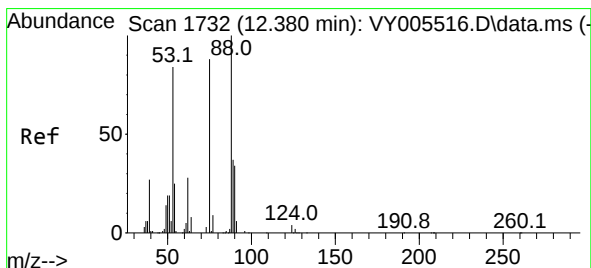
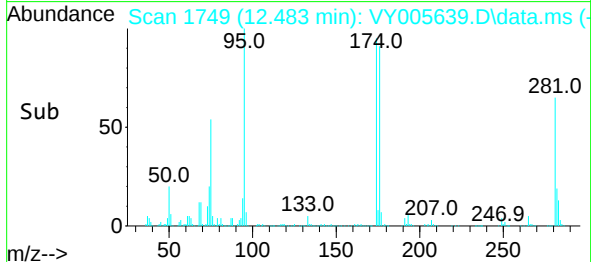
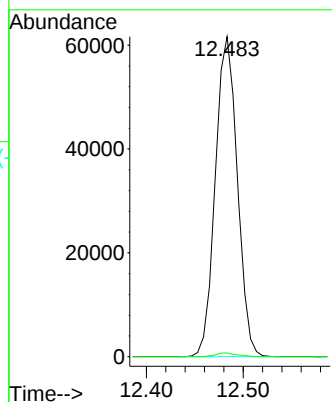
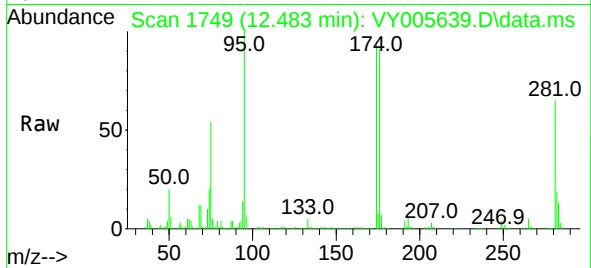




#76
1,2,3-Trichloropropane
Concen: 48.139 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005639.D
Acq: 13 Aug 2021 17:15

Instrument :
MSVOA_Y
ClientSampled :
32S

Tgt Ion: 75 Resp: 97363
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.042 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005639.D
Acq: 13 Aug 2021 17:15

Tgt Ion: 75 Resp: 97363
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.6 38.4 57.6#

