

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081321\
 Data File : VY005640.D
 Acq On : 13 Aug 2021 17:38
 Operator : SY/MD
 Sample : M3408-07
 Misc : 7.19G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 33S

Quant Time: Aug 14 03:37:09 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)

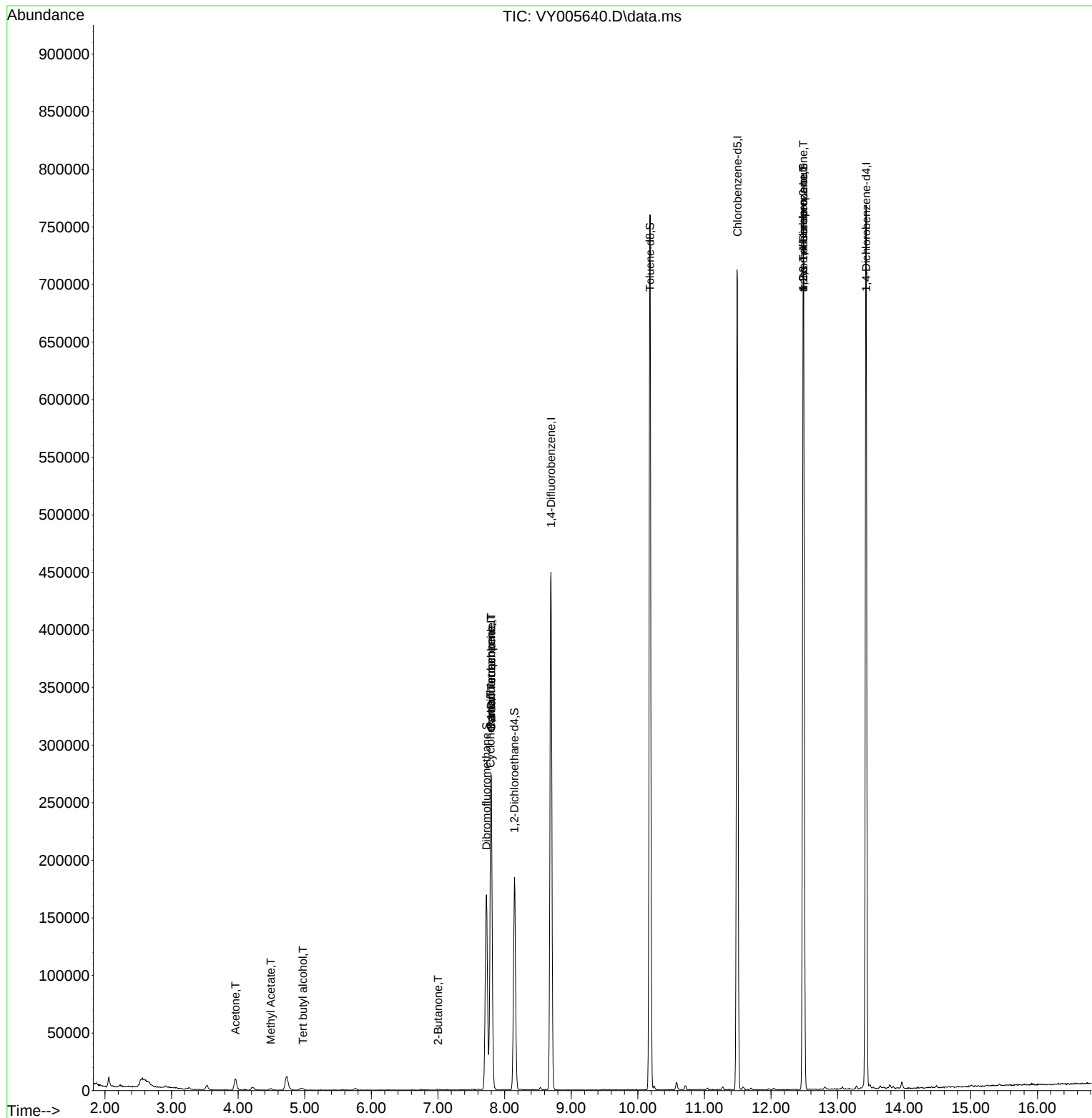
Internal Standards						
1) Pentafluorobenzene	7.795	168	225602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	384450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	386200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	196352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	145989	63.928	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.860%	
35) Dibromofluoromethane	7.728	113	117038	54.374	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.740%	
50) Toluene-d8	10.185	98	491764	54.476	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.960%	
62) 4-Bromofluorobenzene	12.483	95	176027	58.885	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	2780	12.314	ug/l #	75
16) Acetone	3.960	43	17376	30.179	ug/l	93
18) Methyl Acetate	4.491	43	2854	1.895	ug/l	90
20) Methylene Chloride	4.722	84	8867	Below Cal	#	85
25) 2-Butanone	7.002	43	947	1.113	ug/l #	48
31) Cyclohexane	7.789	56	4436	1.132	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	16382	4.543	ug/l #	49
38) Carbon Tetrachloride	7.801	117	19925	5.084	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	97413	47.874	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	97413	96.508	ug/l #	11

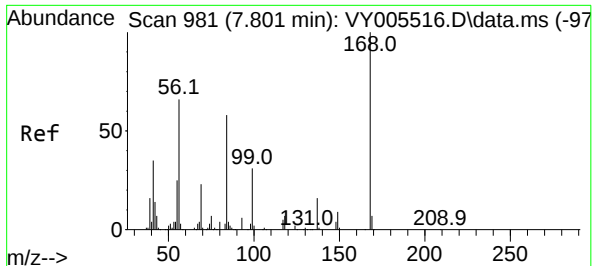
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081321\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
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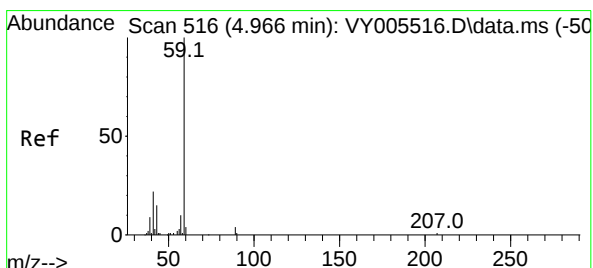
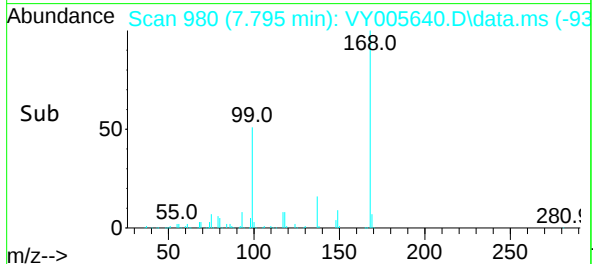
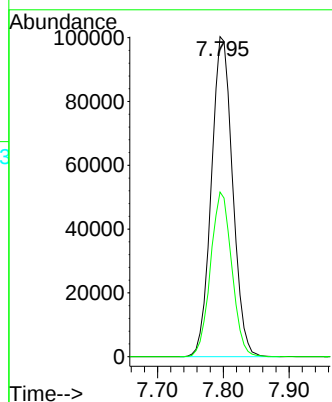
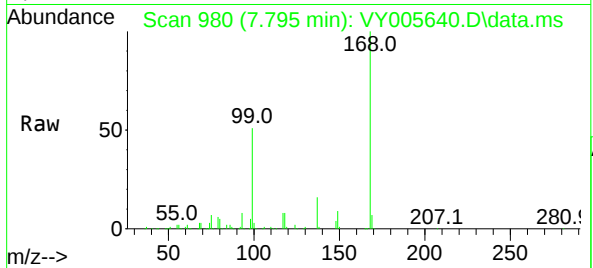




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005640.D
Acq: 13 Aug 2021 17:38

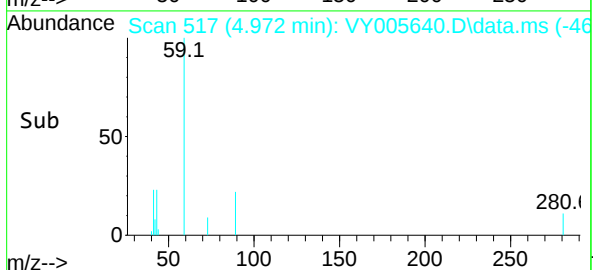
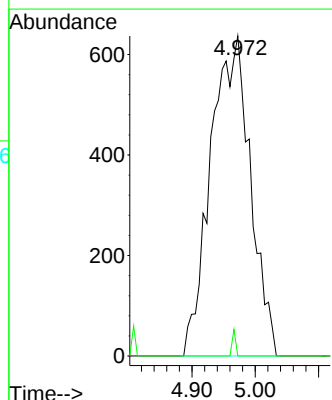
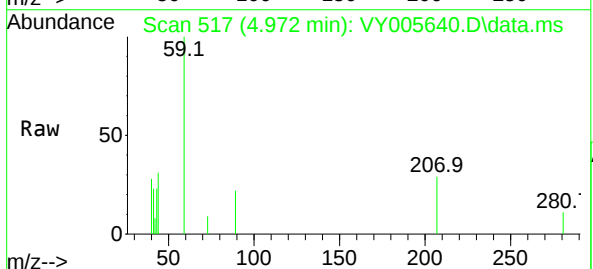
Instrument :
MSVOA_Y
ClientSampled :
33S

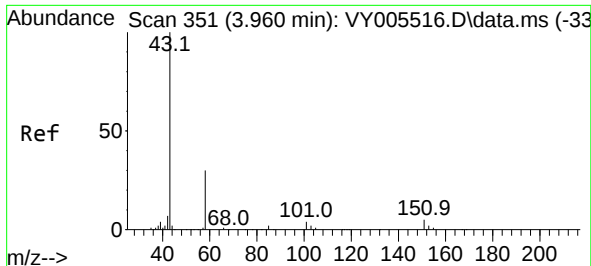
Tgt Ion:168 Resp: 225602
Ion Ratio Lower Upper
168 100
99 51.5 38.9 58.3



#11
Tert butyl alcohol
Concen: 12.314 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY005640.D
Acq: 13 Aug 2021 17:38

Tgt Ion: 59 Resp: 2780
Ion Ratio Lower Upper
59 100
57 0.7 8.0 12.0#

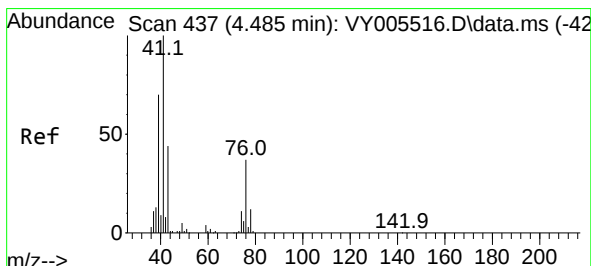
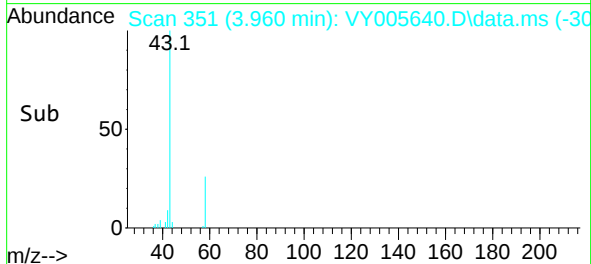
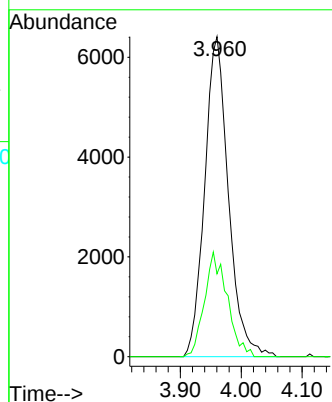
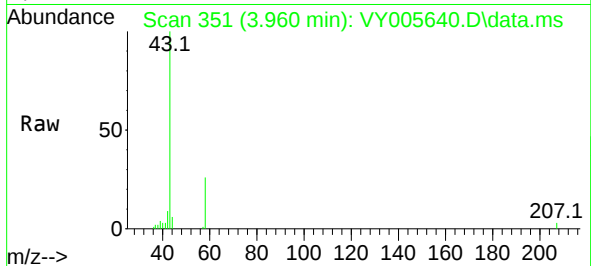




#16
Acetone
Concen: 30.179 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005640.D
Acq: 13 Aug 2021 17:38

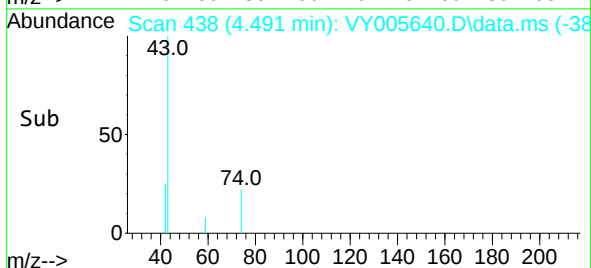
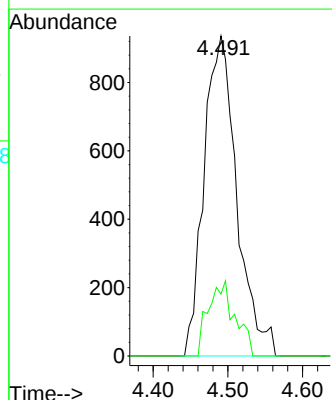
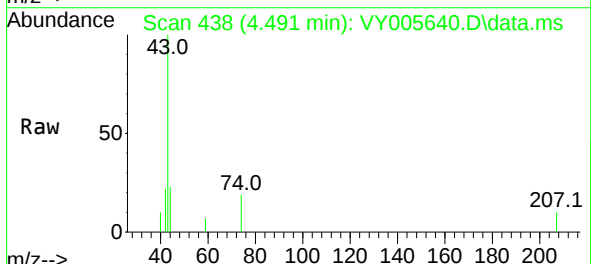
Instrument :
MSVOA_Y
ClientSampled :
33S

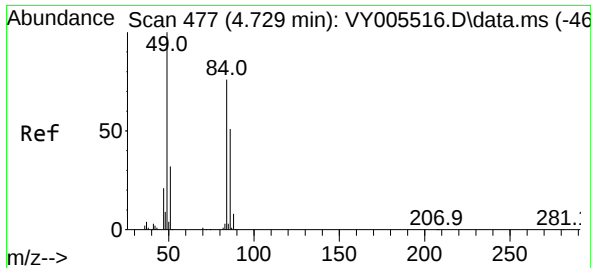
Tgt Ion: 43 Resp: 17376
Ion Ratio Lower Upper
43 100
58 25.9 23.8 35.6



#18
Methyl Acetate
Concen: 1.895 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY005640.D
Acq: 13 Aug 2021 17:38

Tgt Ion: 43 Resp: 2854
Ion Ratio Lower Upper
43 100
74 19.1 19.0 28.6

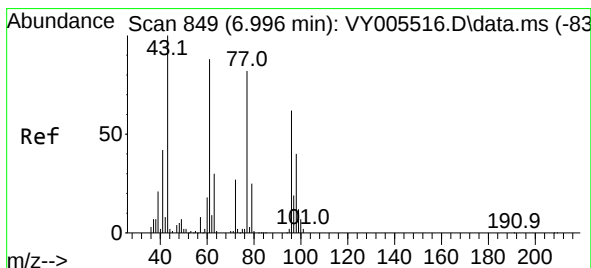
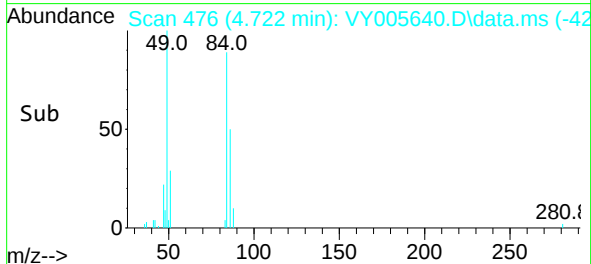
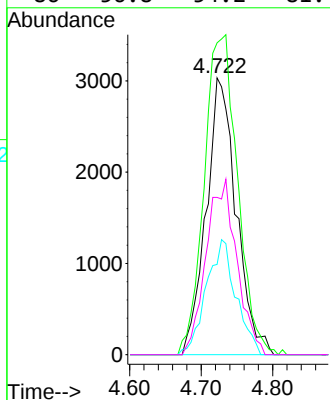
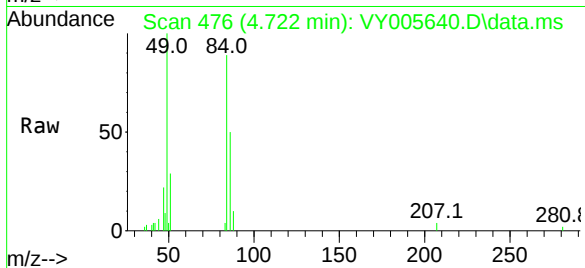




#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005640.D
Acq: 13 Aug 2021 17:38

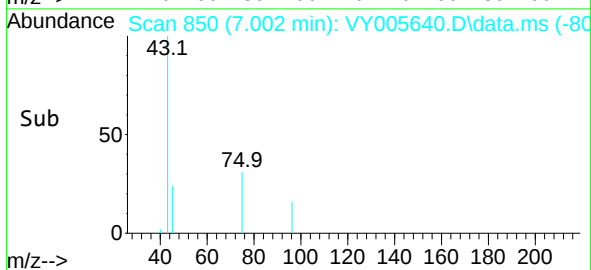
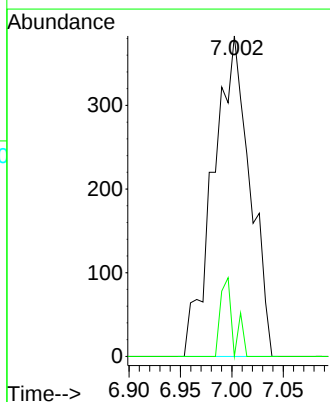
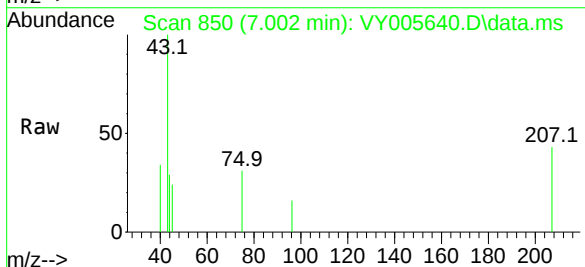
Instrument :
MSVOA_Y
ClientSampleId :
33S

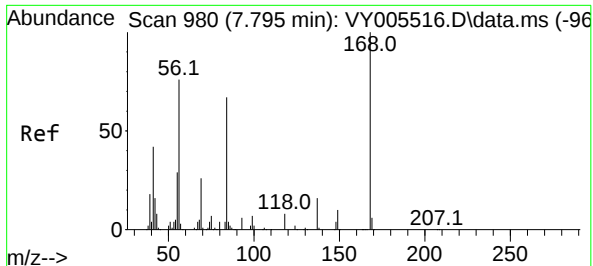
Tgt Ion:	84	Resp:	8867
Ion	Ratio	Lower	Upper
84	100		
49	112.7	105.8	158.6
51	32.6	33.4	50.2#
86	56.8	54.2	81.4



#25
2-Butanone
Concen: 1.113 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY005640.D
Acq: 13 Aug 2021 17:38

Tgt Ion:	43	Resp:	947
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.4	32.2#

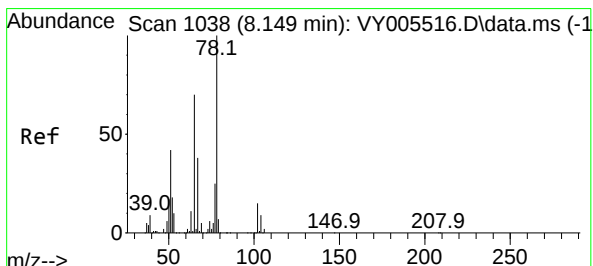
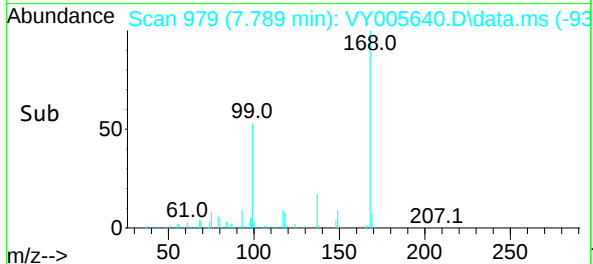
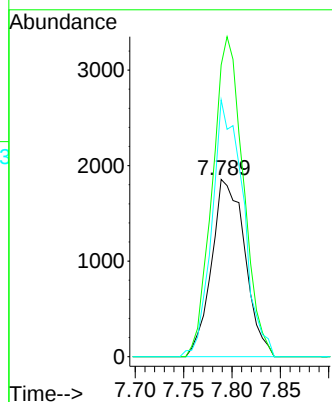
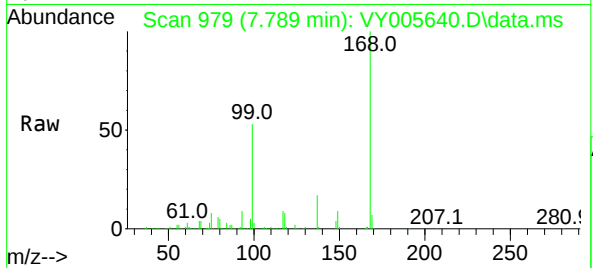




#31
Cyclohexane
Concen: 1.132 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY005640.D
Acq: 13 Aug 2021 17:38

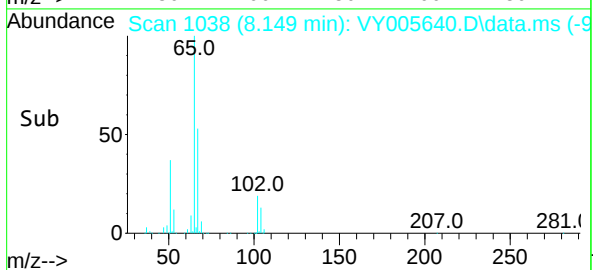
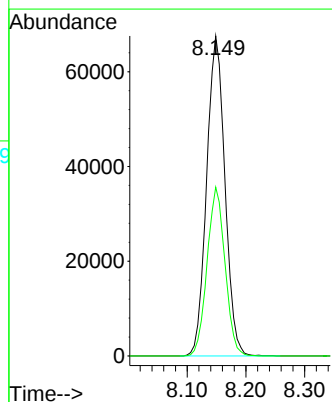
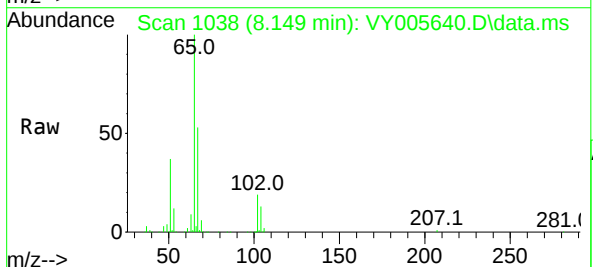
Instrument :
MSVOA_Y
ClientSampled :
33S

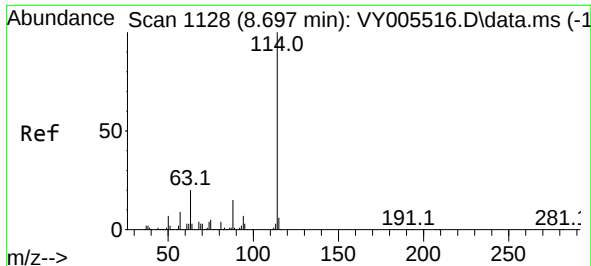
Tgt Ion: 56 Resp: 4436
Ion Ratio Lower Upper
56 100
69 164.6 27.7 41.5#
84 144.9 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 63.928 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005640.D
Acq: 13 Aug 2021 17:38

Tgt Ion: 65 Resp: 145989
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.4



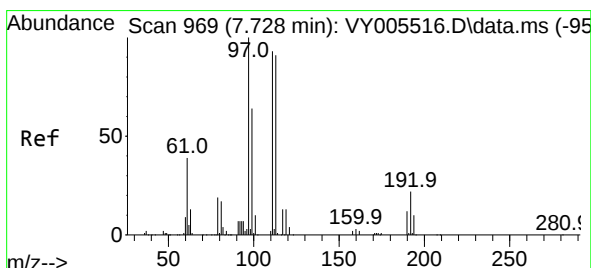
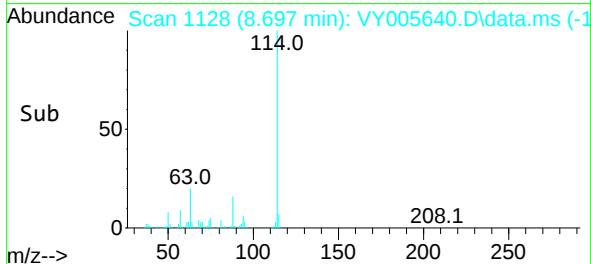
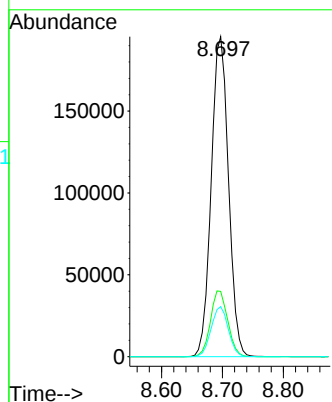
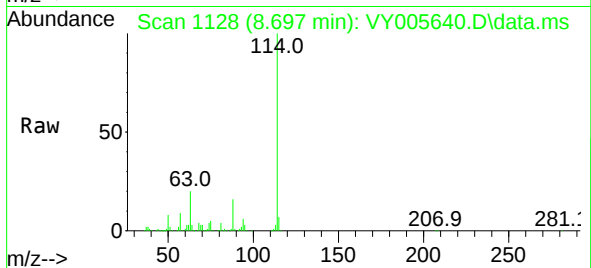


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005640.D
Acq: 13 Aug 2021 17:38

Instrument :
MSVOA_Y
ClientSampled :
33S

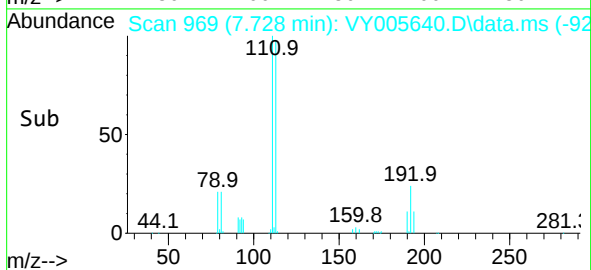
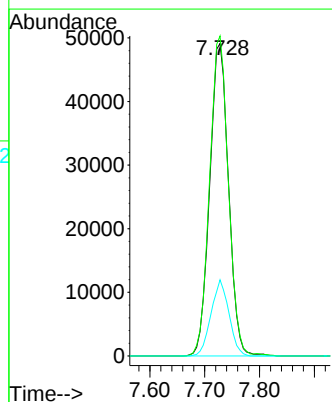
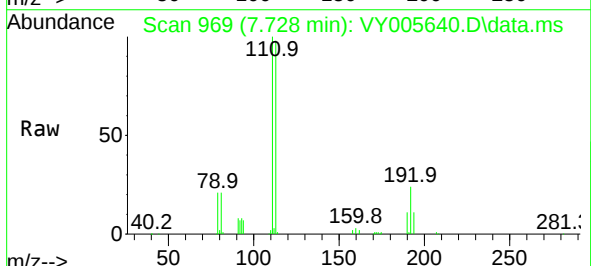
Tgt Ion:114 Resp: 384450
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.2
88 15.7 0.0 30.8

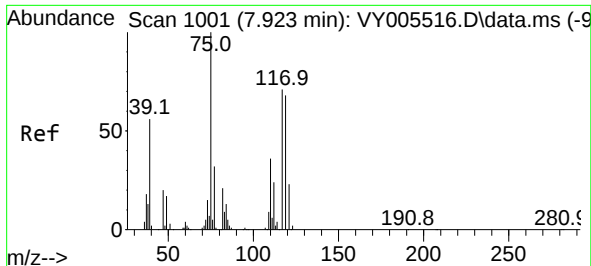


#35

Dibromofluoromethane
Concen: 54.374 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005640.D
Acq: 13 Aug 2021 17:38

Tgt Ion:113 Resp: 117038
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 23.1 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.543 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005640.D

Acq: 13 Aug 2021 17:38

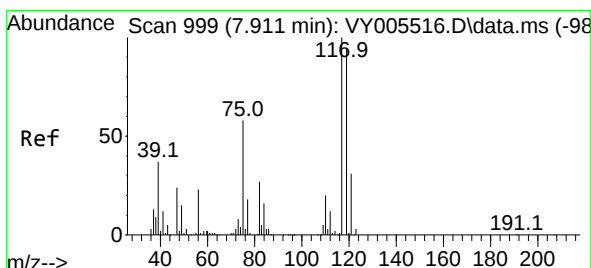
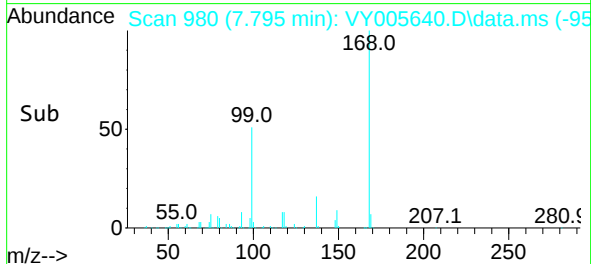
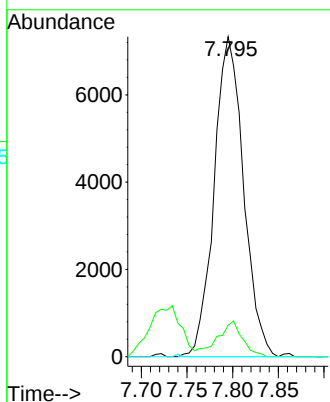
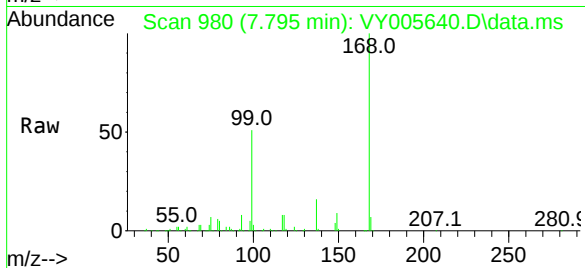
Instrument :

MSVOA_Y

ClientSampled :

33S

Tgt Ion:	75	Resp:	16382
Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.1#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.084 ug/l

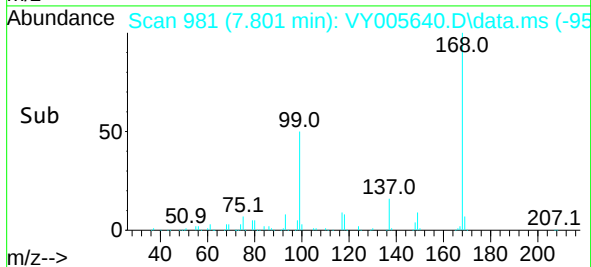
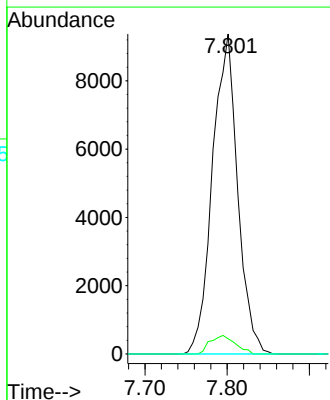
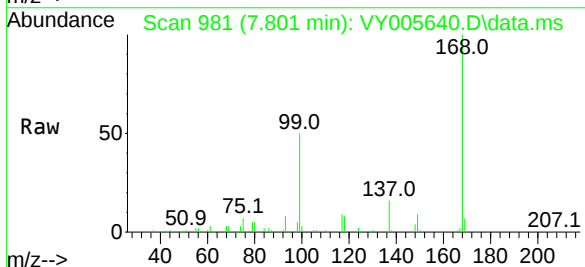
RT: 7.801 min Scan# 981

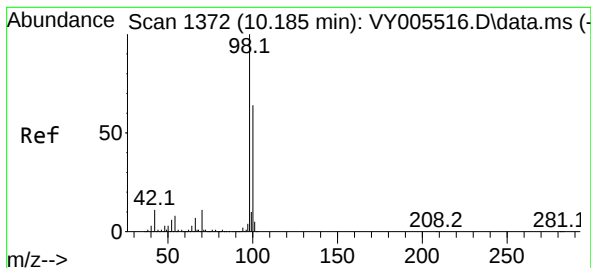
Delta R.T. -0.110 min

Lab File: VY005640.D

Acq: 13 Aug 2021 17:38

Tgt Ion:	117	Resp:	19925
Ion	Ratio	Lower	Upper
117	100		
119	4.8	75.4	113.0#
121	0.0	25.1	37.7#

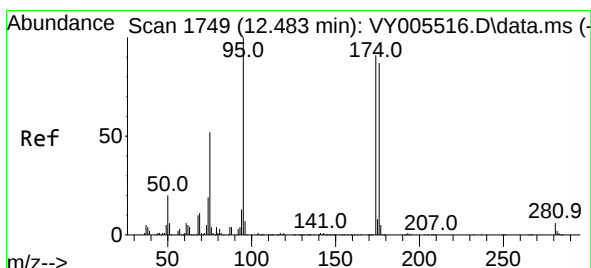
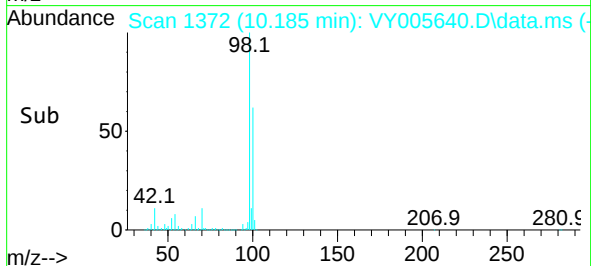
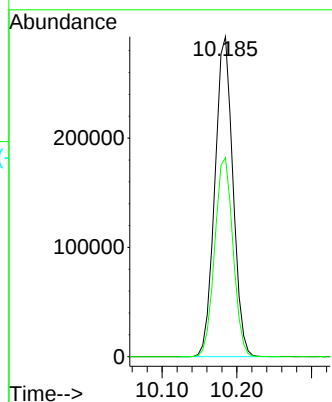
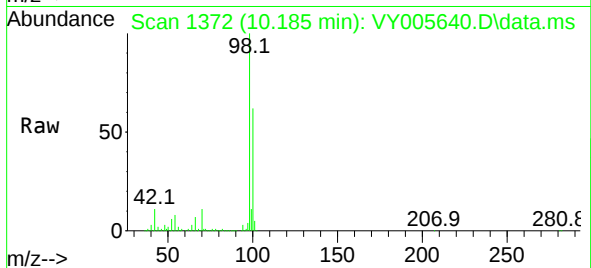




#50
Toluene-d8
Concen: 54.476 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005640.D
Acq: 13 Aug 2021 17:38

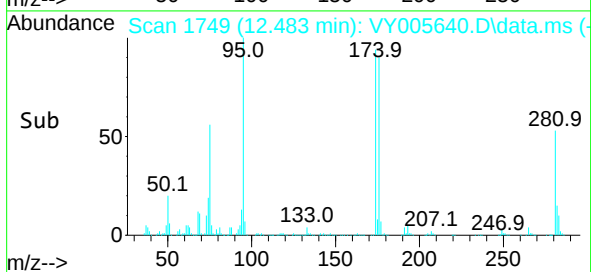
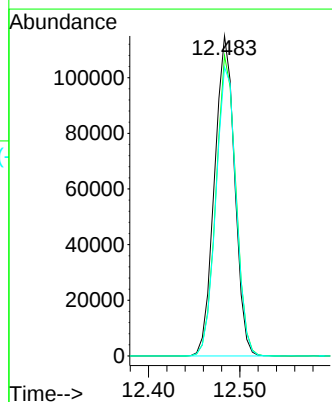
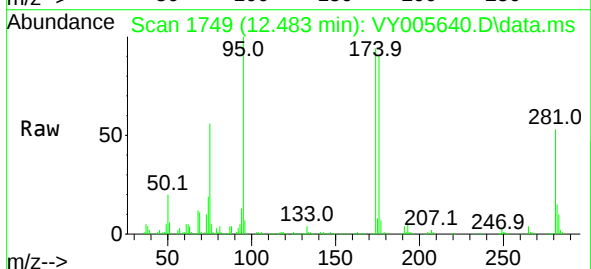
Instrument :
MSVOA_Y
ClientSampled :
33S

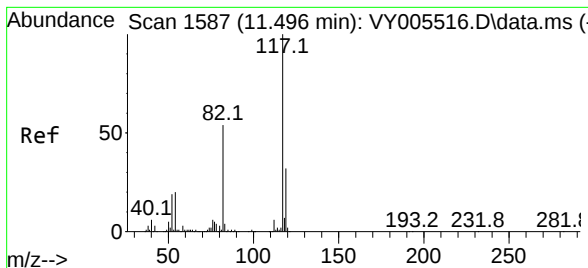
Tgt Ion: 98 Resp: 491764
Ion Ratio Lower Upper
98 100
100 63.0 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 58.885 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005640.D
Acq: 13 Aug 2021 17:38

Tgt Ion: 95 Resp: 176027
Ion Ratio Lower Upper
95 100
174 92.9 0.0 191.4
176 90.9 0.0 183.6

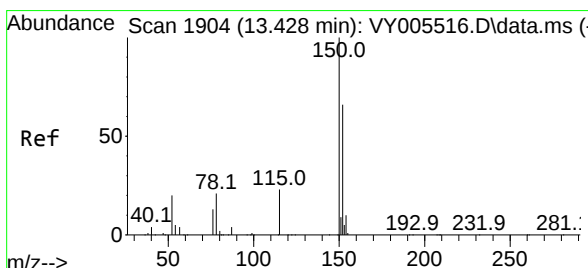
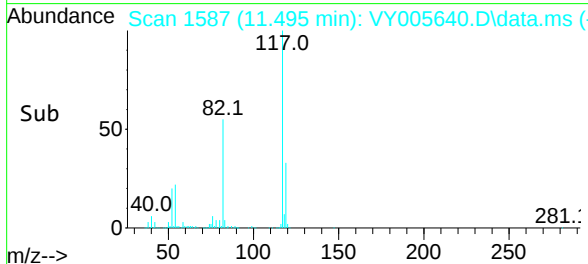
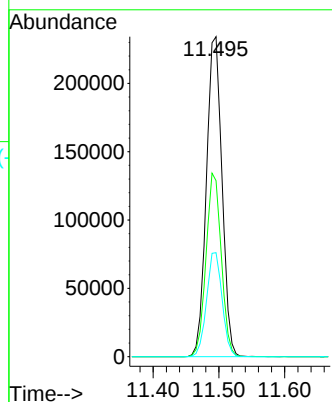
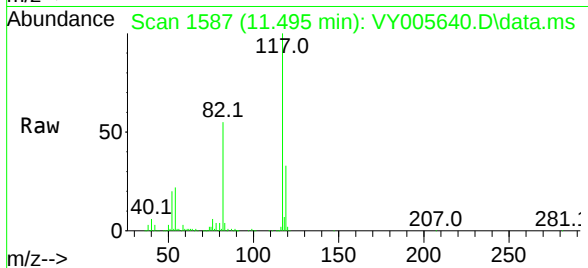




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005640.D
Acq: 13 Aug 2021 17:38

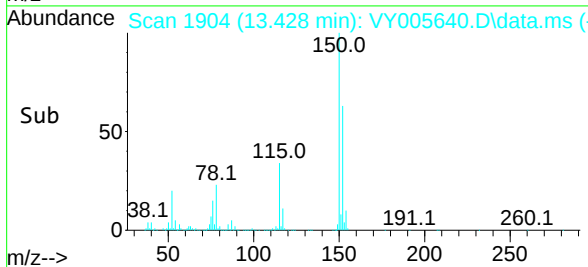
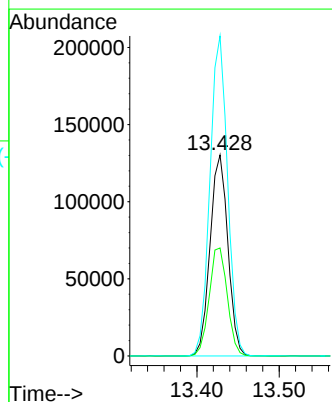
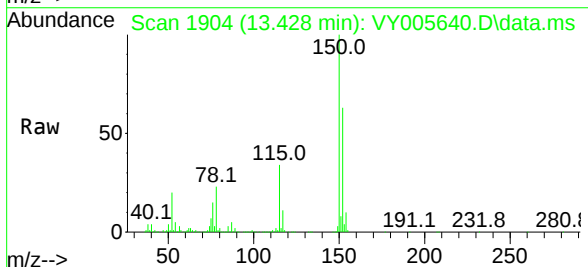
Instrument :
MSVOA_Y
ClientSampled :
33S

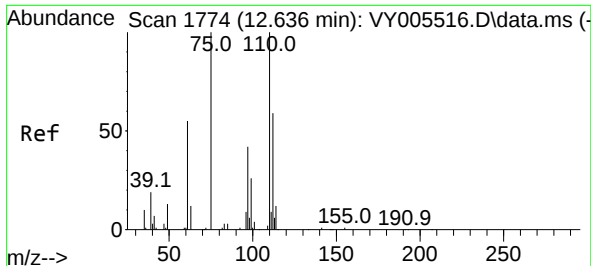
Tgt Ion:117 Resp: 386200
Ion Ratio Lower Upper
117 100
82 55.0 43.5 65.3
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005640.D
Acq: 13 Aug 2021 17:38

Tgt Ion:152 Resp: 196352
Ion Ratio Lower Upper
152 100
115 54.7 27.3 81.9
150 157.3 0.0 350.2

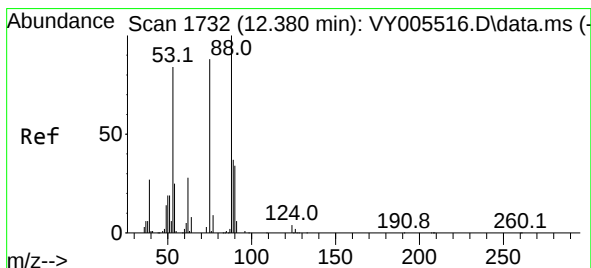
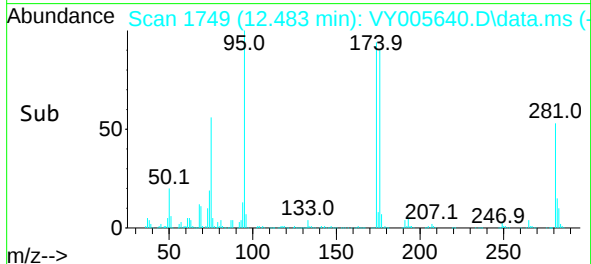
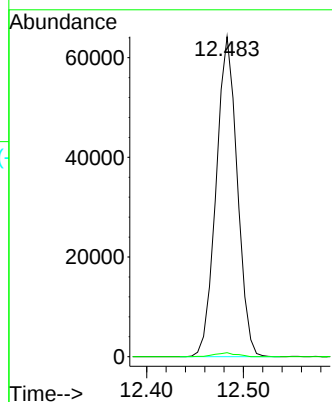
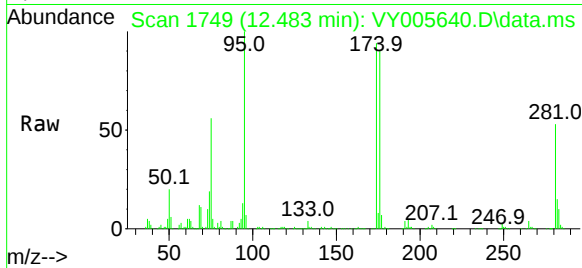




#76
1,2,3-Trichloropropane
Concen: 47.874 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005640.D
Acq: 13 Aug 2021 17:38

Instrument :
MSVOA_Y
ClientSampleId :
33S

Tgt Ion: 75 Resp: 97413
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.508 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005640.D
Acq: 13 Aug 2021 17:38

Tgt Ion: 75 Resp: 97413
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.5 38.4 57.6#

