

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005673.D
 Acq On : 16 Aug 2021 16:18
 Operator : SY/MD
 Sample : M3431-04
 Misc : 5.62G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 4

Quant Time: Aug 17 05:19:53 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)

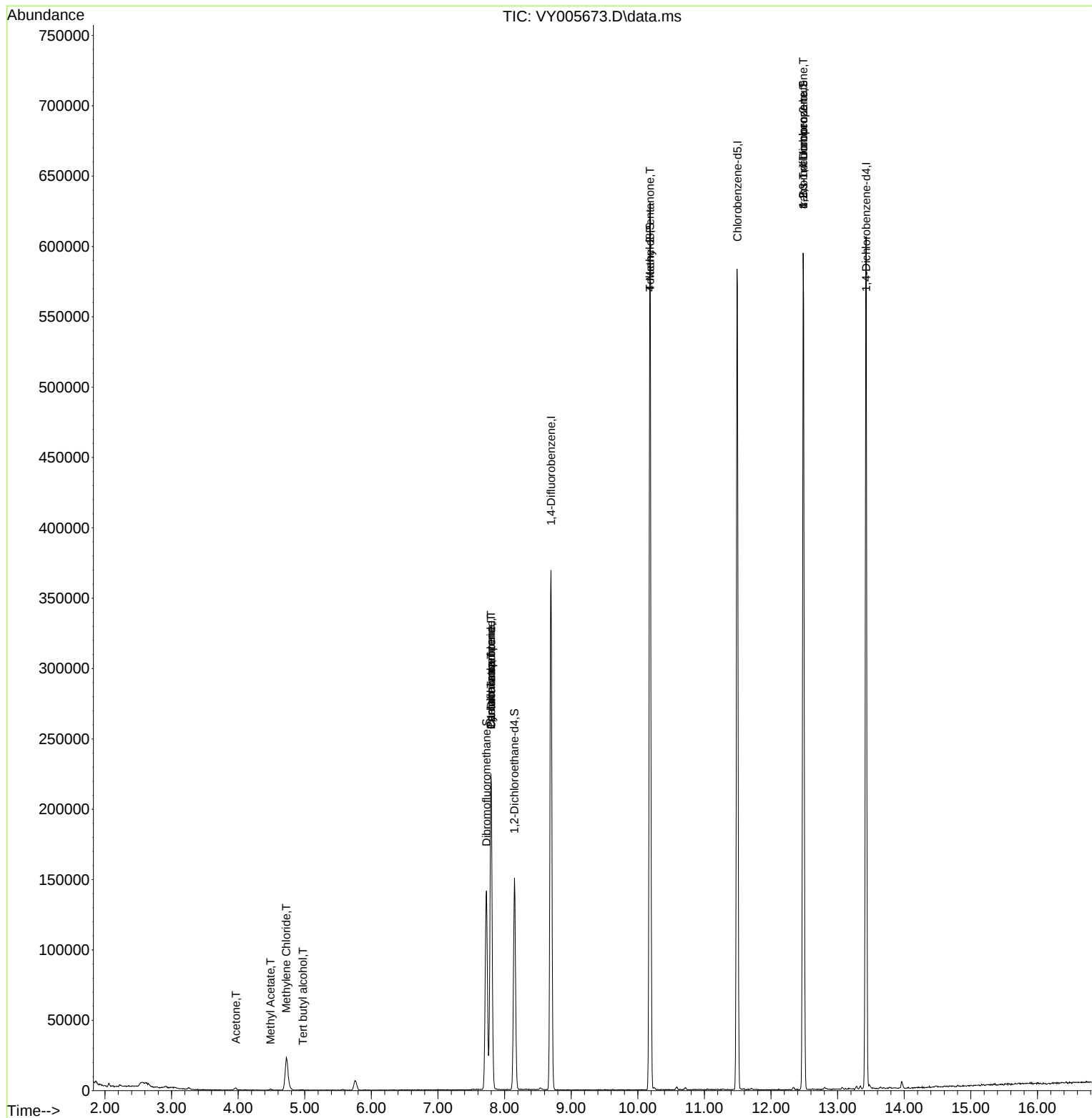
Internal Standards						
1) Pentafluorobenzene	7.795	168	181777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	311616	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	313082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	120069	65.254	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.500%	
35) Dibromofluoromethane	7.728	113	95446	54.707	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.420%	
50) Toluene-d8	10.185	98	398255	54.429	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.860%	
62) 4-Bromofluorobenzene	12.483	95	137031	56.554	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.100%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	480	2.639	ug/l #	73
16) Acetone	3.966	43	2542	5.479	ug/l	91
18) Methyl Acetate	4.485	43	1231	1.015	ug/l #	79
20) Methylene Chloride	4.722	84	16875	3.542	ug/l	91
31) Cyclohexane	7.795	56	3568	1.130	ug/l #	21
36) 1,1-Dichloropropene	7.795	75	12730	4.356	ug/l #	51
38) Carbon Tetrachloride	7.795	117	17121	5.390	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1797	1.018	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	77128	49.027	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	77128	98.832	ug/l #	11

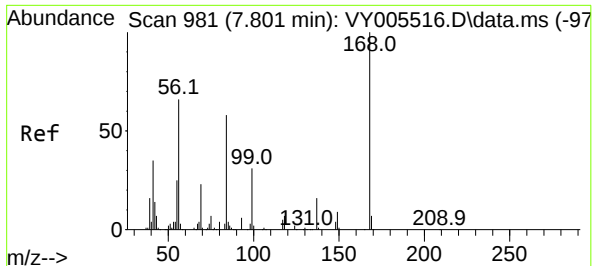
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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
Response via : Initial Calibration

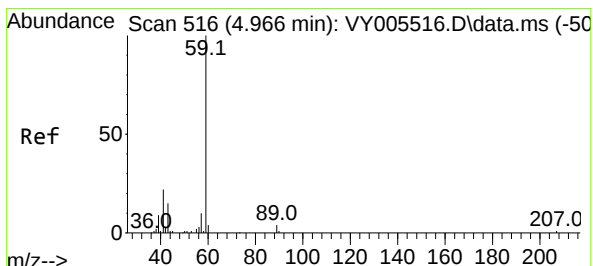
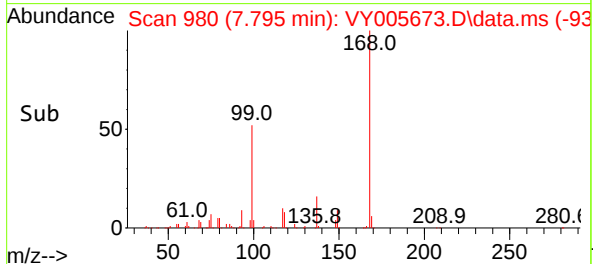
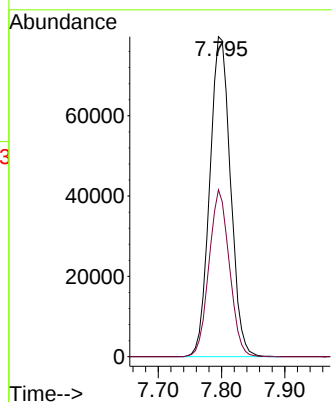
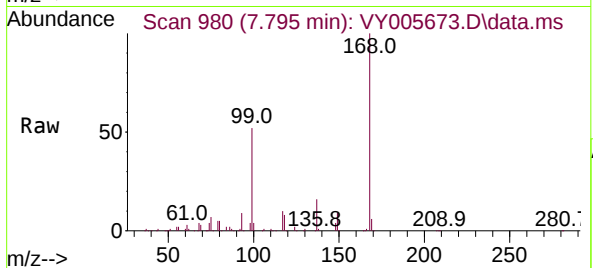




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005673.D
Acq: 16 Aug 2021 16:18

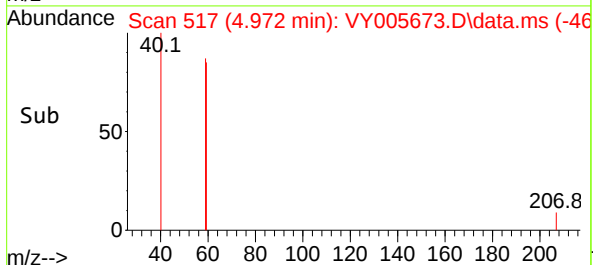
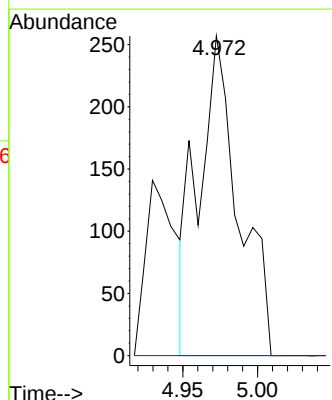
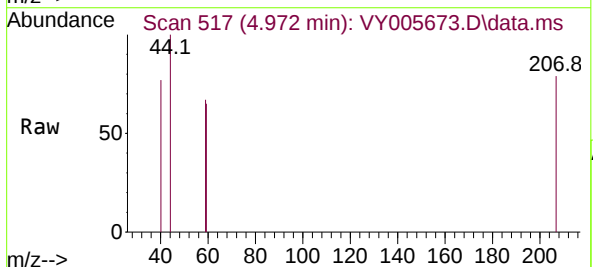
Instrument :
MSVOA_Y
ClientSampleId :
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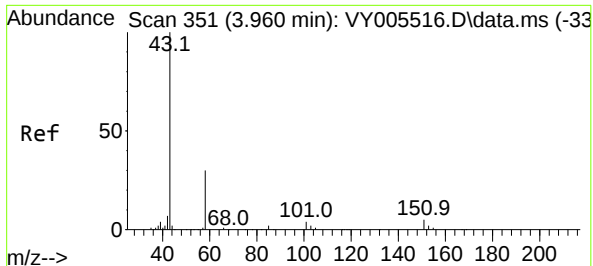
Tgt Ion:168 Resp: 181777
Ion Ratio Lower Upper
168 100
99 52.2 38.9 58.3



#11
Tert butyl alcohol
Concen: 2.639 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY005673.D
Acq: 16 Aug 2021 16:18

Tgt Ion: 59 Resp: 480
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

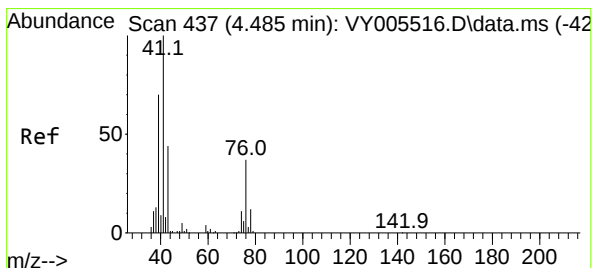
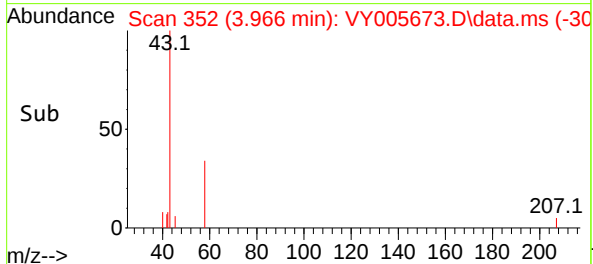
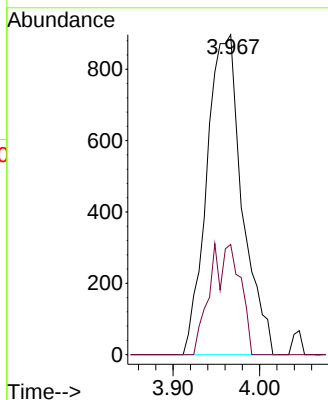
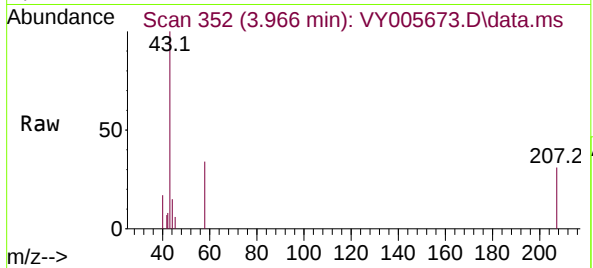




#16
Acetone
Concen: 5.479 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005673.D
Acq: 16 Aug 2021 16:18

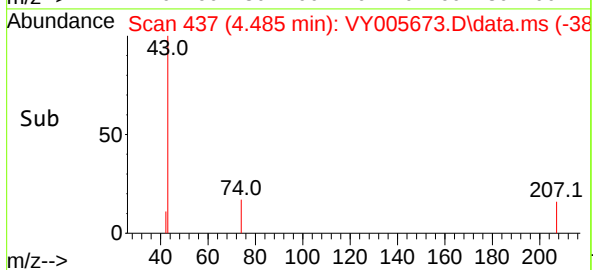
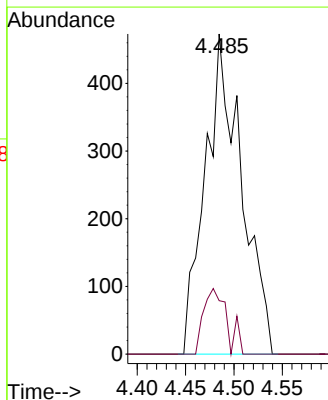
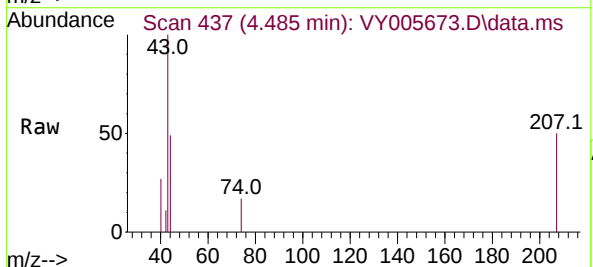
Instrument :
MSVOA_Y
ClientSampled :
4

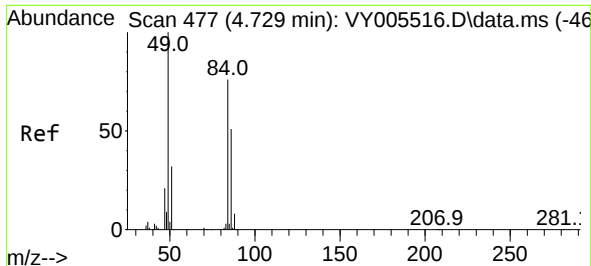
Tgt Ion: 43 Resp: 2542
Ion Ratio Lower Upper
43 100
58 34.4 23.8 35.6



#18
Methyl Acetate
Concen: 1.015 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY005673.D
Acq: 16 Aug 2021 16:18

Tgt Ion: 43 Resp: 1231
Ion Ratio Lower Upper
43 100
74 13.2 19.0 28.6#

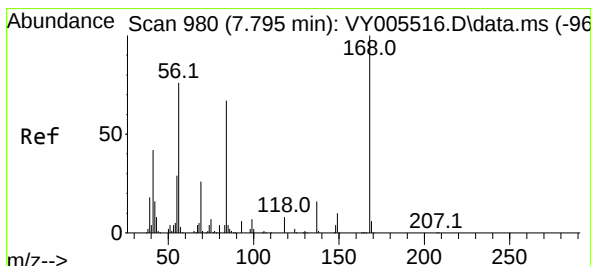
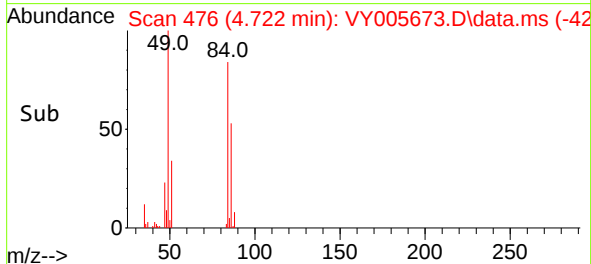
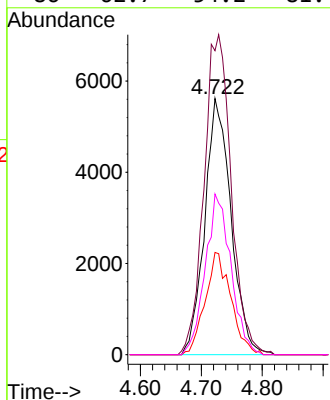
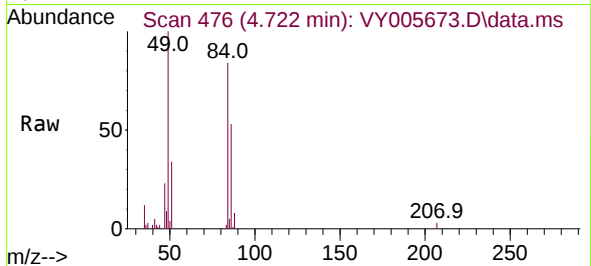




#20
Methylene Chloride
Concen: 3.542 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005673.D
Acq: 16 Aug 2021 16:18

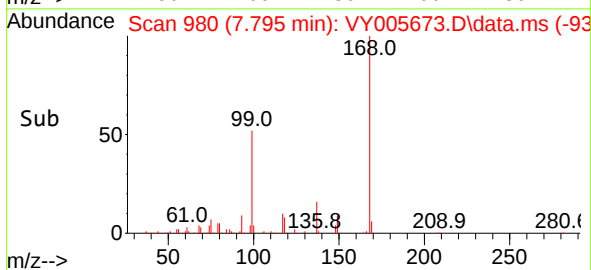
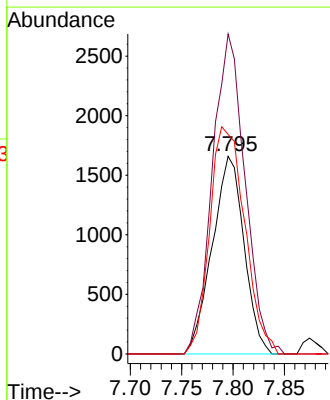
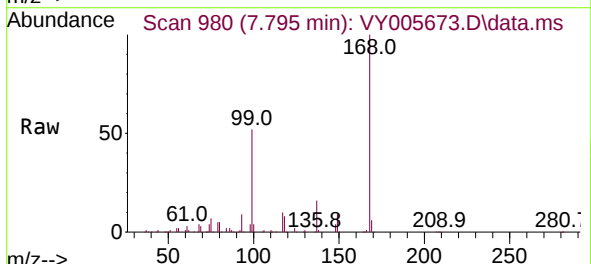
Instrument :
MSVOA_Y
ClientSampleId :
4

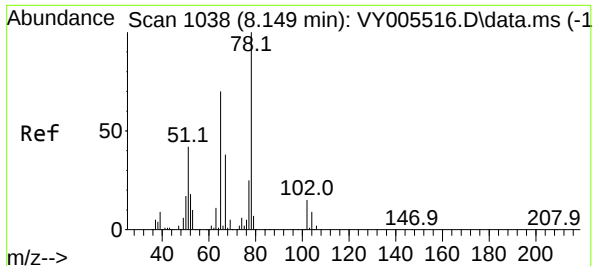
Tgt Ion:	84	Resp:	16875
Ion	Ratio	Lower	Upper
84	100		
49	118.7	105.8	158.6
51	39.9	33.4	50.2
86	62.7	54.2	81.4



#31
Cyclohexane
Concen: 1.130 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005673.D
Acq: 16 Aug 2021 16:18

Tgt Ion:	56	Resp:	3568
Ion	Ratio	Lower	Upper
56	100		
69	161.9	27.7	41.5#
84	111.0	70.9	106.3#

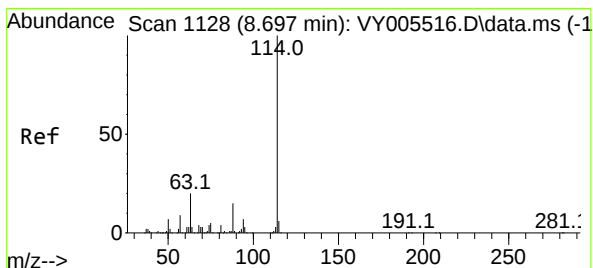
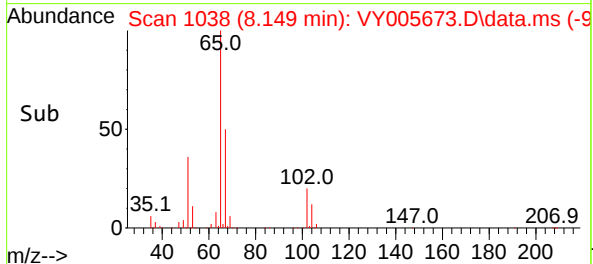
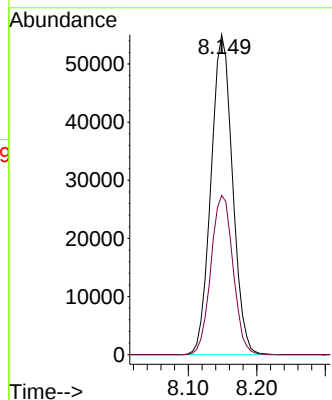
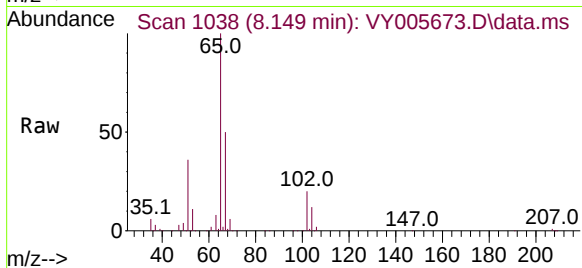




#33
1,2-Dichloroethane-d4
Concen: 65.254 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005673.D
Acq: 16 Aug 2021 16:18

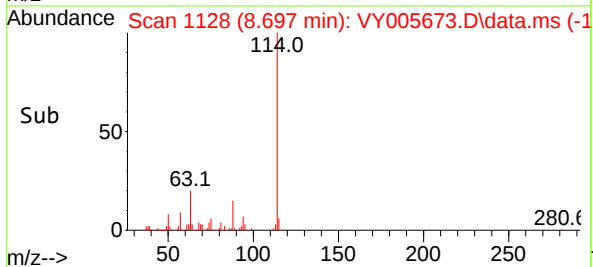
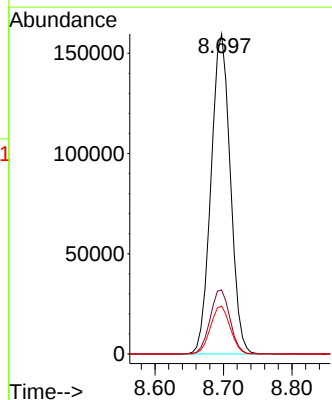
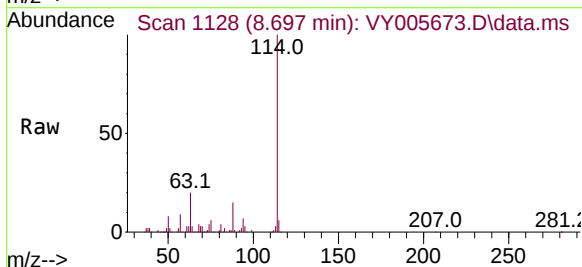
Instrument :
MSVOA_Y
ClientSampleId :
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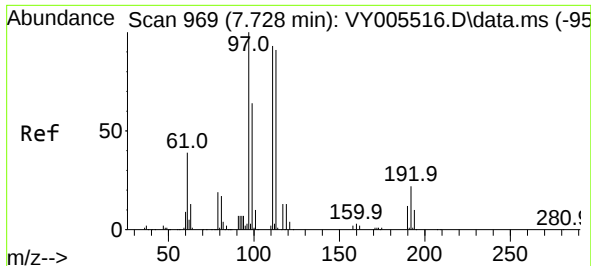
Tgt Ion: 65 Resp: 120069
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005673.D
Acq: 16 Aug 2021 16:18

Tgt Ion:114 Resp: 311616
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.2
88 14.9 0.0 30.8

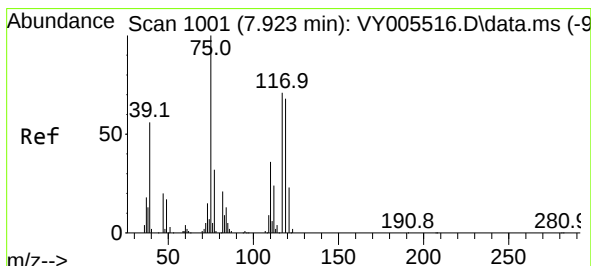
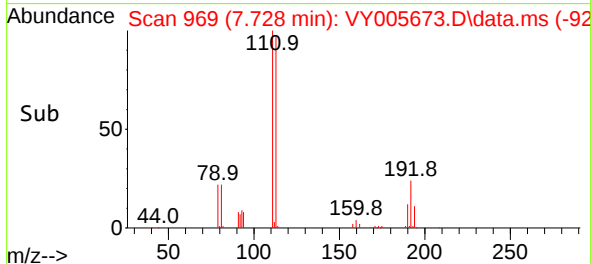
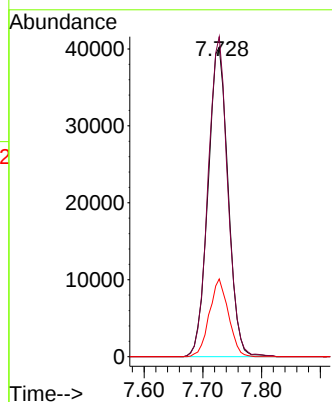
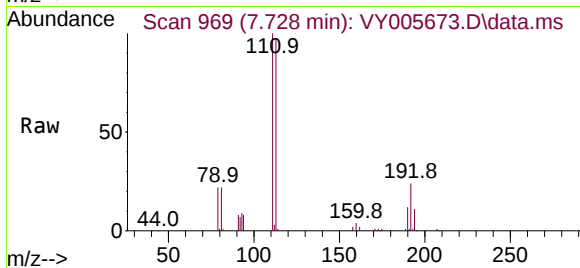




#35
Dibromofluoromethane
Concen: 54.707 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005673.D
Acq: 16 Aug 2021 16:18

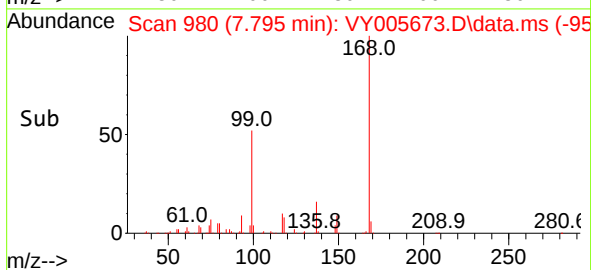
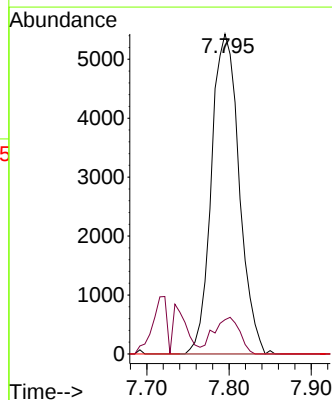
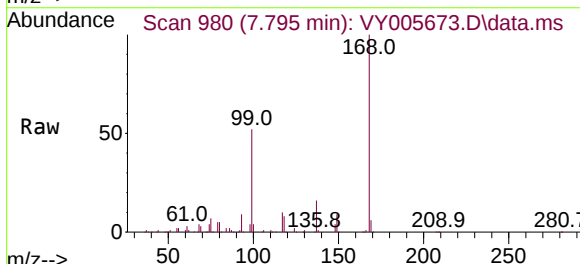
Instrument :
MSVOA_Y
ClientSampleId :
4

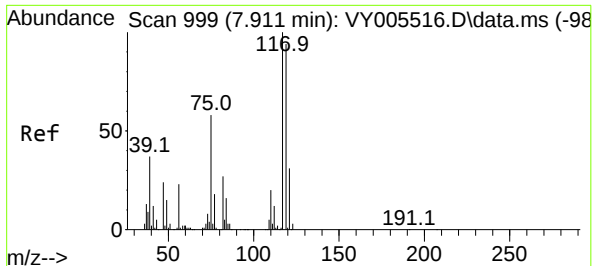
Tgt Ion:113 Resp: 95446
Ion Ratio Lower Upper
113 100
111 101.2 81.9 122.9
192 23.9 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.356 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005673.D
Acq: 16 Aug 2021 16:18

Tgt Ion: 75 Resp: 12730
Ion Ratio Lower Upper
75 100
110 10.8 18.1 54.1#
77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 5.390 ug/l

RT: 7.795 min Scan# 980

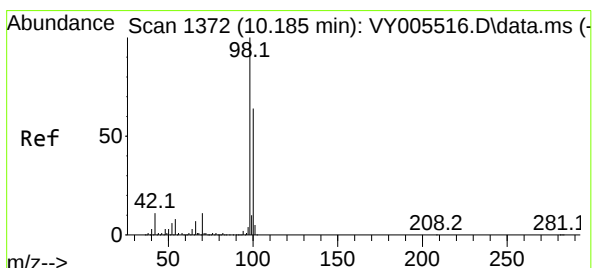
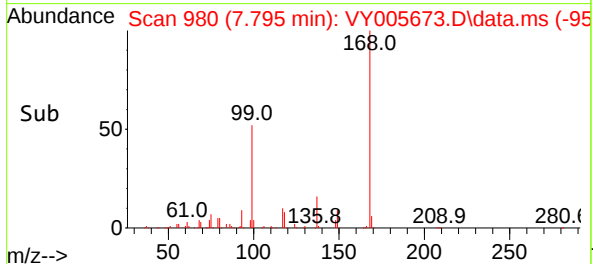
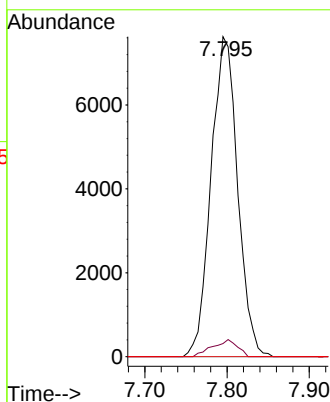
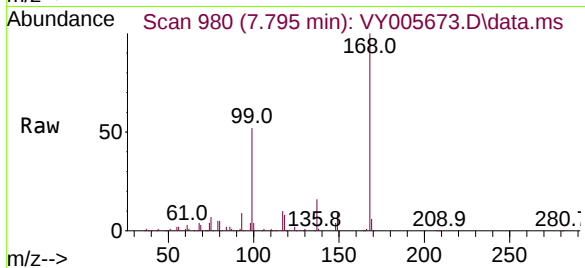
Delta R.T. -0.116 min

Lab File: VY005673.D

Acq: 16 Aug 2021 16:18

Instrument :
MSVOA_Y
ClientSampled :
4

Tgt Ion:117	Resp:	17121
Ion Ratio	Lower	Upper
117	100	
119	4.1	75.4 113.0#
121	0.0	25.1 37.7#



#50

Toluene-d8

Concen: 54.429 ug/l

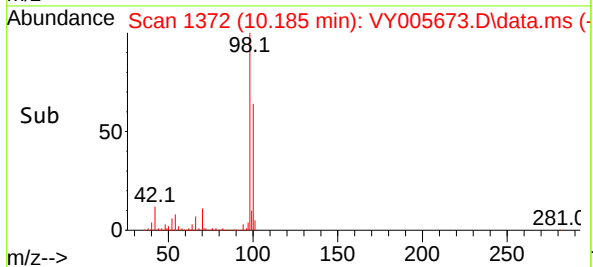
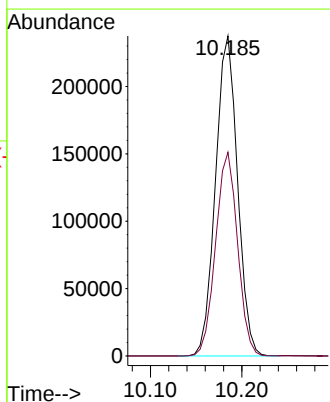
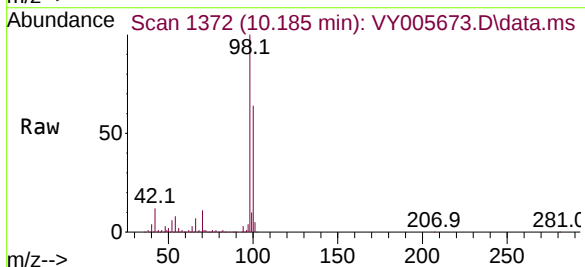
RT: 10.185 min Scan# 1372

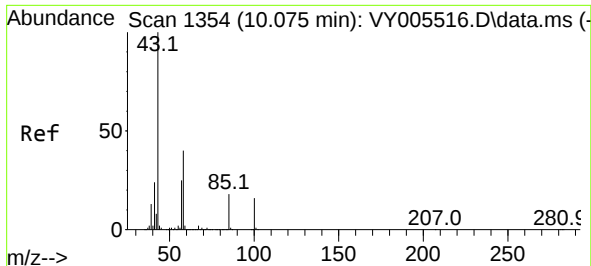
Delta R.T. -0.000 min

Lab File: VY005673.D

Acq: 16 Aug 2021 16:18

Tgt Ion: 98	Resp:	398255
Ion Ratio	Lower	Upper
98	100	
100	63.4	51.3 76.9

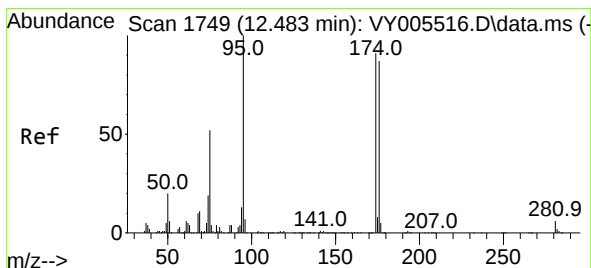
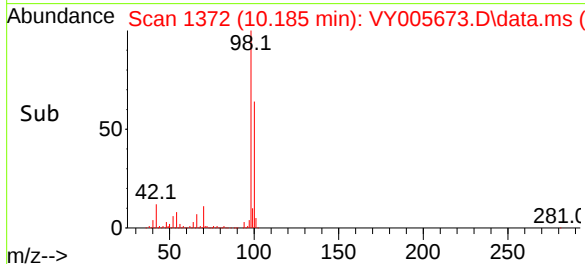
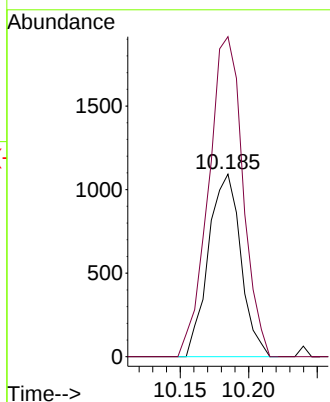
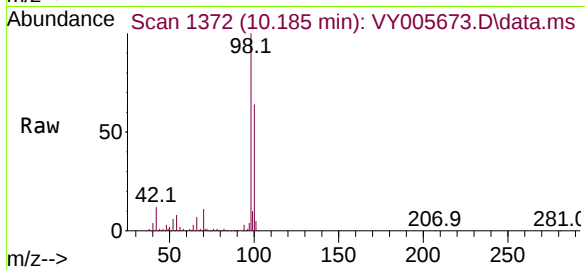




#51
4-Methyl-2-Pentanone
Concen: 1.018 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005673.D
Acq: 16 Aug 2021 16:18

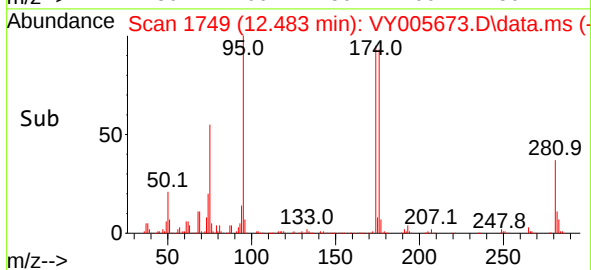
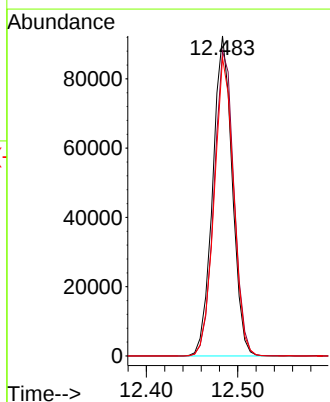
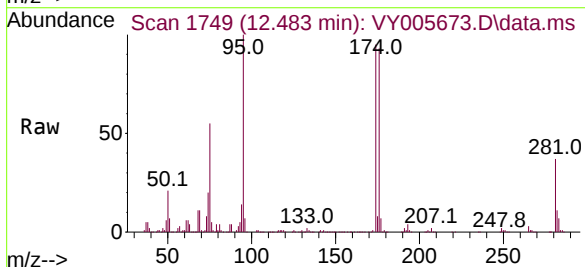
Instrument :
MSVOA_Y
ClientSampleId :
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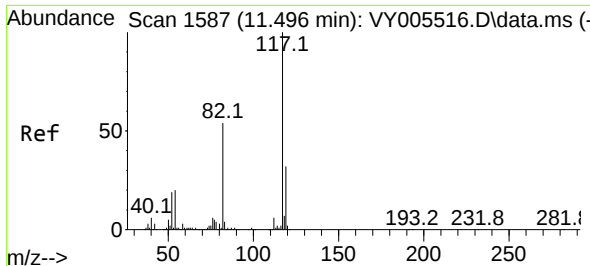
Tgt Ion: 43 Resp: 1797
Ion Ratio Lower Upper
43 100
58 186.0 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 56.554 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005673.D
Acq: 16 Aug 2021 16:18

Tgt Ion: 95 Resp: 137031
Ion Ratio Lower Upper
95 100
174 97.1 0.0 191.4
176 92.8 0.0 183.6

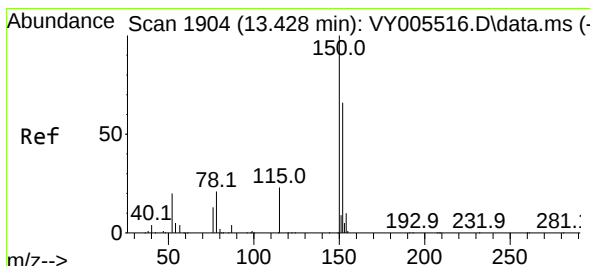
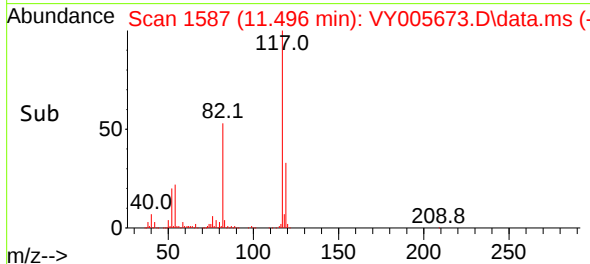
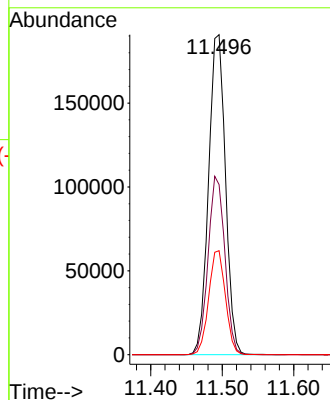
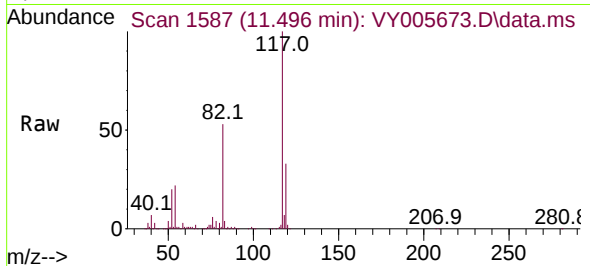




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005673.D
Acq: 16 Aug 2021 16:18

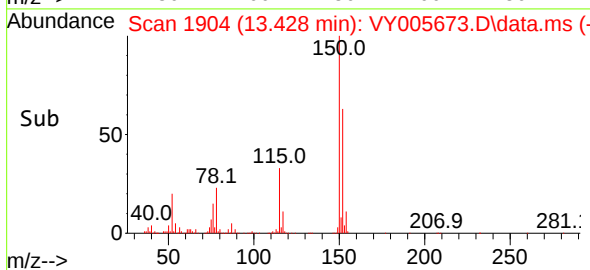
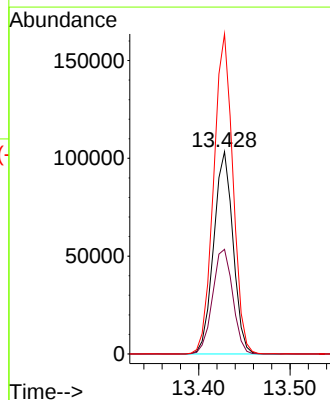
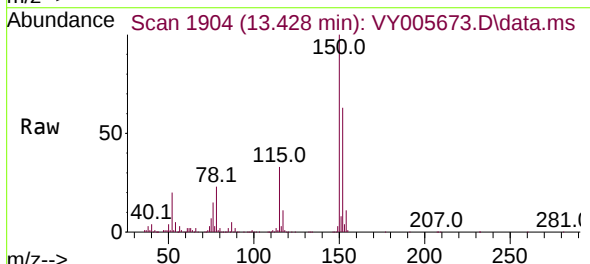
Instrument :
MSVOA_Y
ClientSampleId :
4

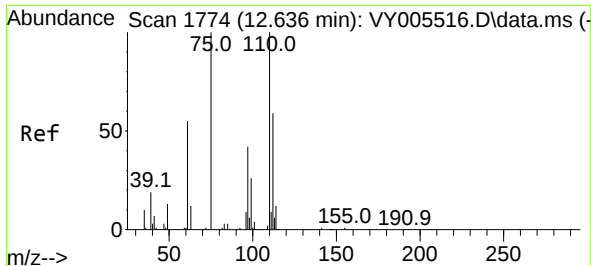
Tgt Ion:	117	Resp:	313082
Ion Ratio	Lower	Upper	
117	100		
82	53.2	43.5	65.3
119	32.5	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005673.D
Acq: 16 Aug 2021 16:18

Tgt Ion:	152	Resp:	151809
Ion Ratio	Lower	Upper	
152	100		
115	54.0	27.3	81.9
150	157.7	0.0	350.2

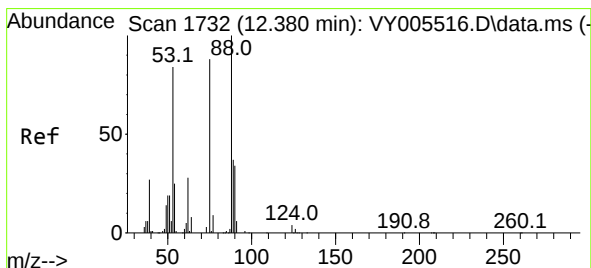
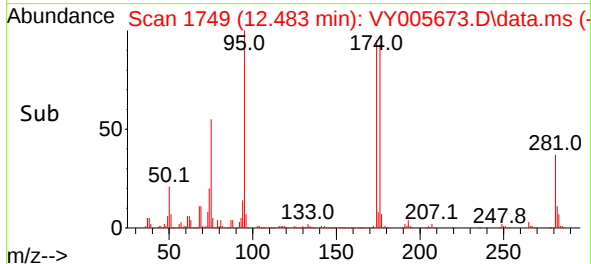
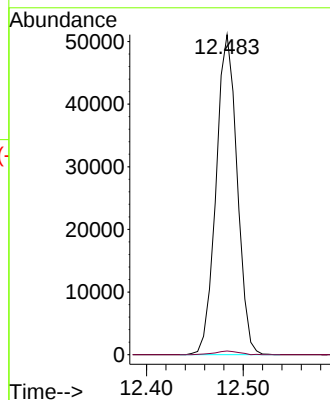
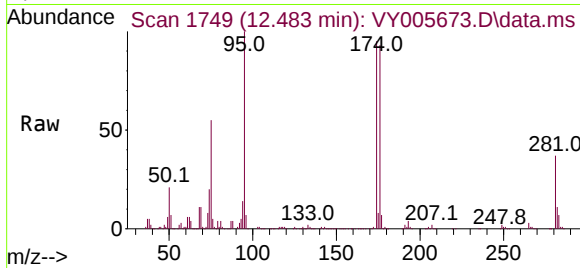




#76
1,2,3-Trichloropropane
Concen: 49.027 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005673.D
Acq: 16 Aug 2021 16:18

Instrument :
MSVOA_Y
ClientSampleId :
4

Tgt Ion: 75 Resp: 77128
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.832 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005673.D
Acq: 16 Aug 2021 16:18

Tgt Ion: 75 Resp: 77128
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.2 38.4 57.6#

