

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081321\
 Data File : VY005647.D
 Acq On : 13 Aug 2021 20:21
 Operator : SY/MD
 Sample : M3407-04
 Misc : 7.19G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 25S

Quant Time: Aug 14 03:39:12 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)

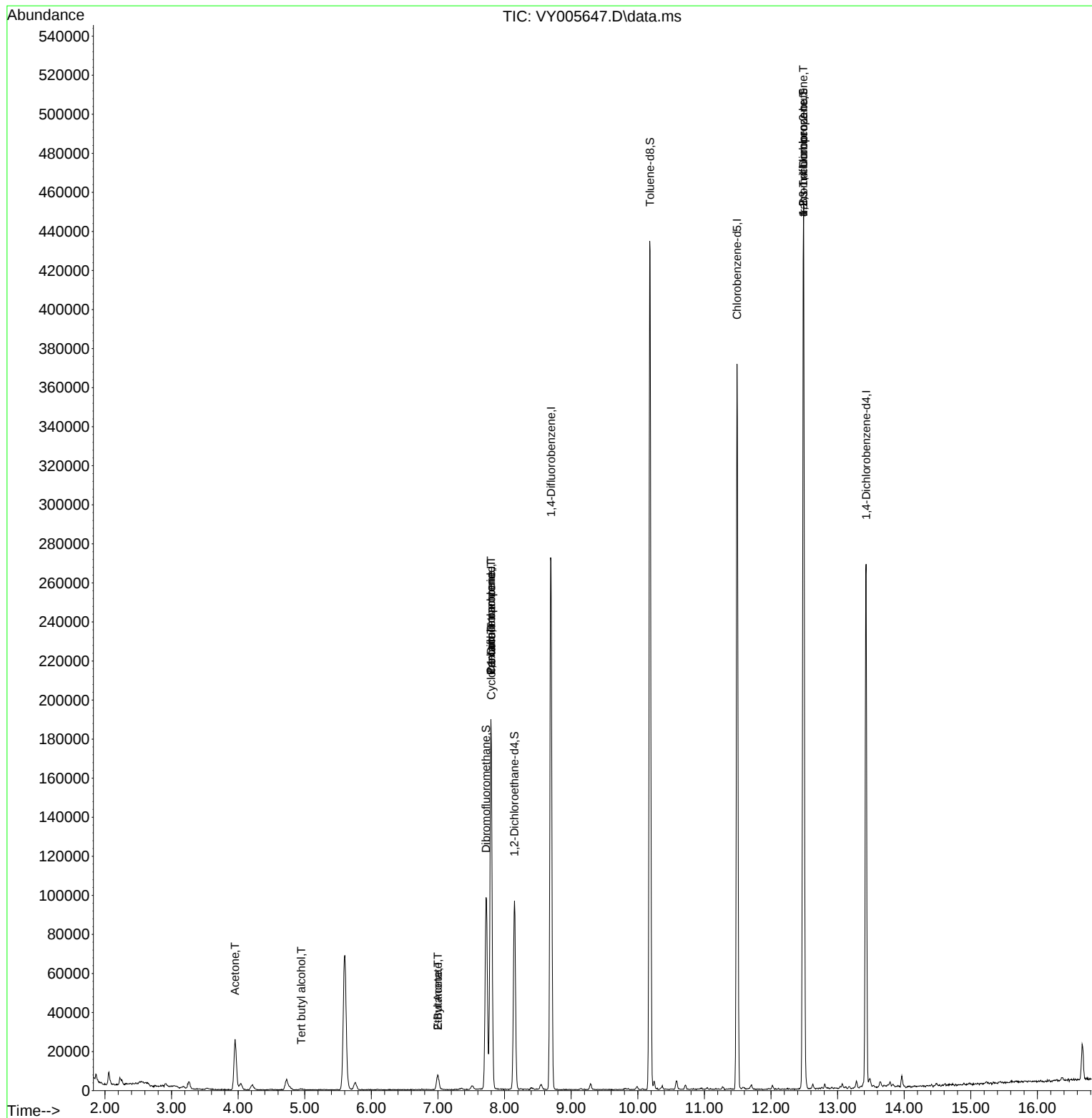
Internal Standards						
1) Pentafluorobenzene	7.795	168	149804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	235293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	196010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69215	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	78807	51.970	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.940%	
35) Dibromofluoromethane	7.722	113	68435	51.949	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.900%	
50) Toluene-d8	10.185	98	285133	51.609	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.220%	
62) 4-Bromofluorobenzene	12.483	95	73848	40.364	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.720%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	601	4.009	ug/l #	73
16) Acetone	3.954	43	43687	114.269	ug/l	99
20) Methylene Chloride	4.729	84	3665	Below Cal	#	82
25) 2-Butanone	6.997	43	12959	22.930	ug/l	99
31) Cyclohexane	7.801	56	3117	1.198	ug/l #	31
36) 1,1-Dichloropropene	7.795	75	11031	4.998	ug/l #	48
37) Ethyl Acetate	6.997	43	12959	9.693	ug/l #	69
38) Carbon Tetrachloride	7.795	117	14204	5.922	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	41888	58.399	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	41888	117.726	ug/l #	11

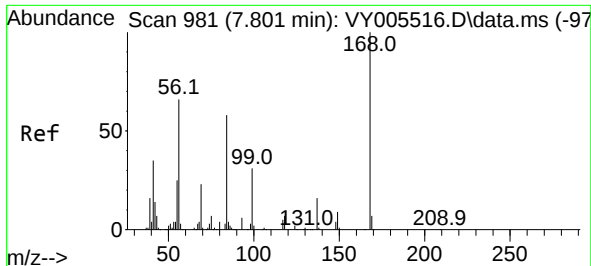
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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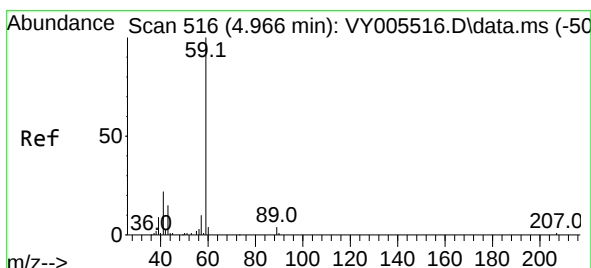
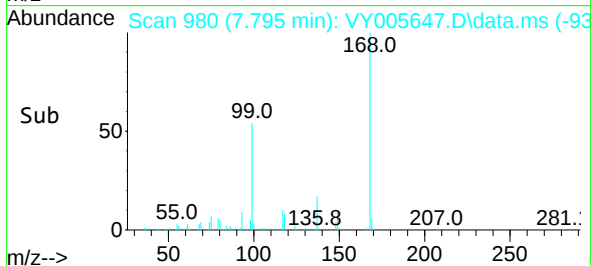
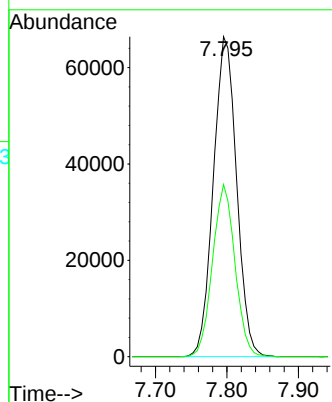
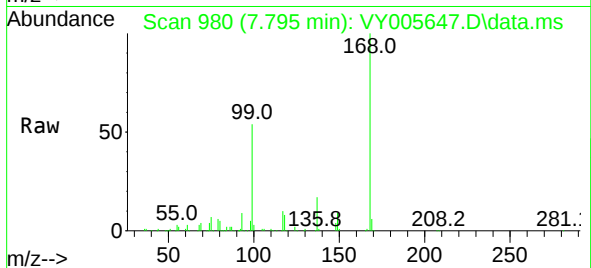




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005647.D
Acq: 13 Aug 2021 20:21

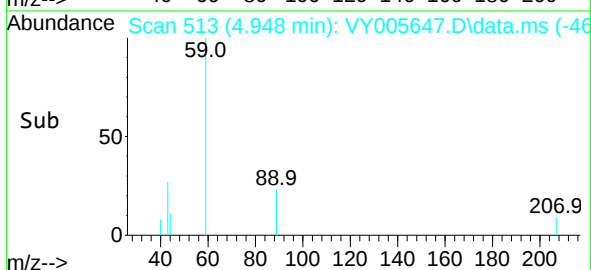
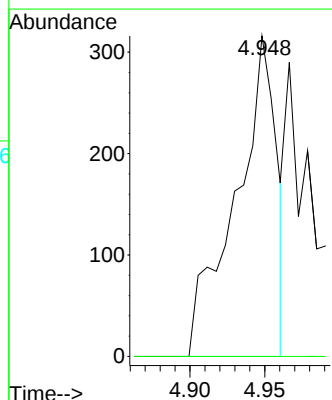
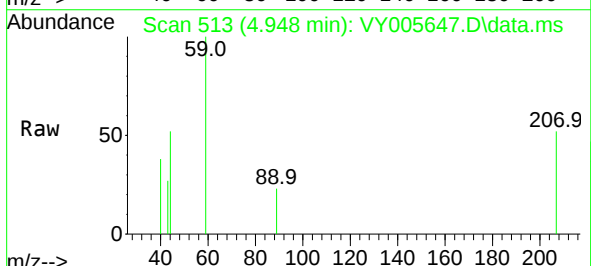
Instrument :
MSVOA_Y
ClientSampleId :
25S

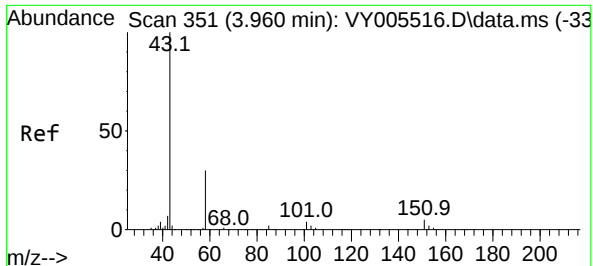
Tgt Ion:168 Resp: 149804
Ion Ratio Lower Upper
168 100
99 53.8 38.9 58.3



#11
Tert butyl alcohol
Concen: 4.009 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY005647.D
Acq: 13 Aug 2021 20:21

Tgt Ion: 59 Resp: 601
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

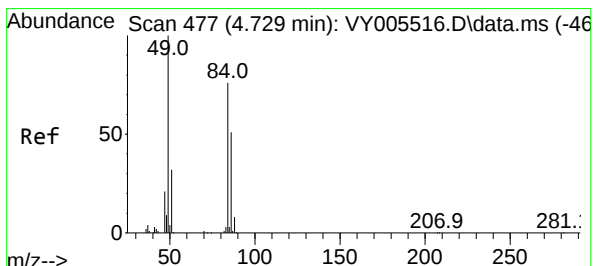
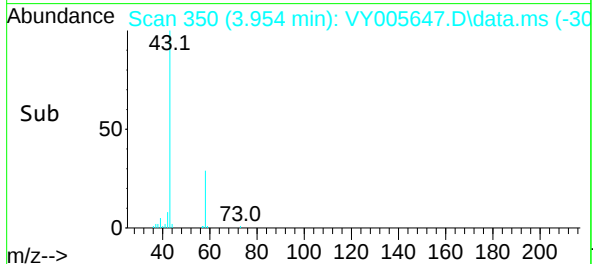
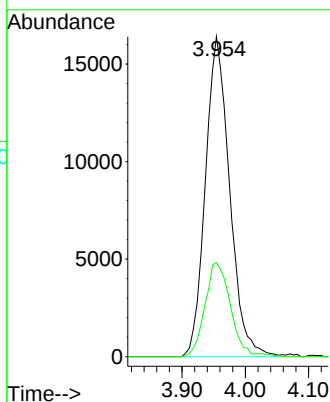
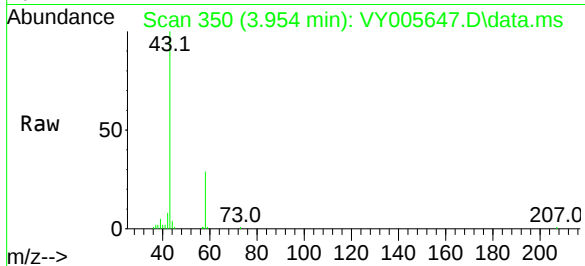




#16
Acetone
Concen: 114.269 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005647.D
Acq: 13 Aug 2021 20:21

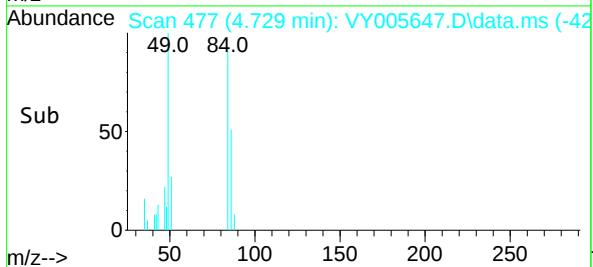
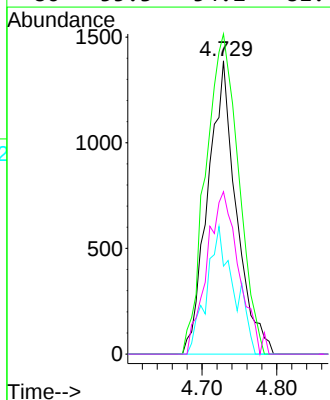
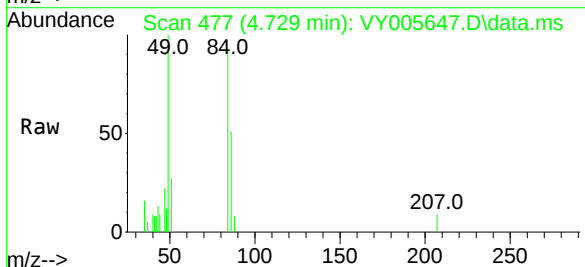
Instrument :
MSVOA_Y
ClientSampled :
25S

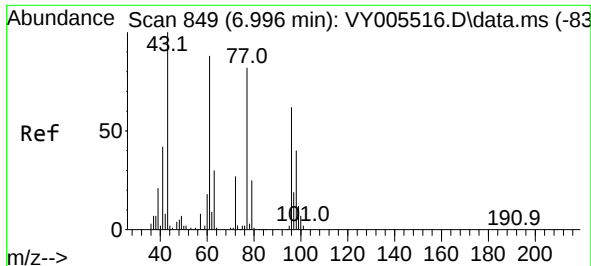
Tgt Ion: 43 Resp: 43687
Ion Ratio Lower Upper
43 100
58 29.4 23.8 35.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005647.D
Acq: 13 Aug 2021 20:21

Tgt Ion: 84 Resp: 3665
Ion Ratio Lower Upper
84 100
49 109.1 105.8 158.6
51 30.0 33.4 50.2#
86 55.3 54.2 81.4





#25

2-Butanone

Concen: 22.930 ug/l

RT: 6.997 min Scan# 849

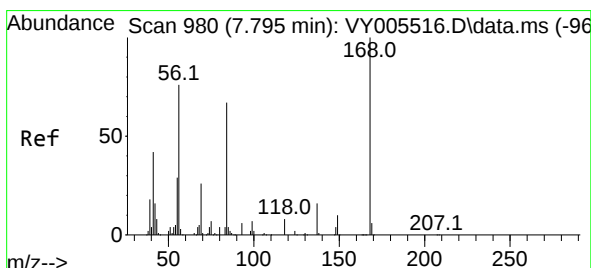
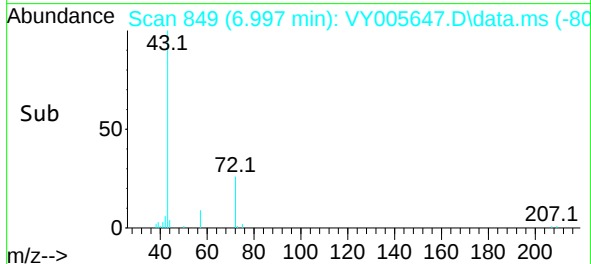
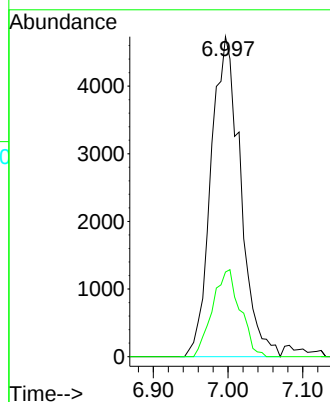
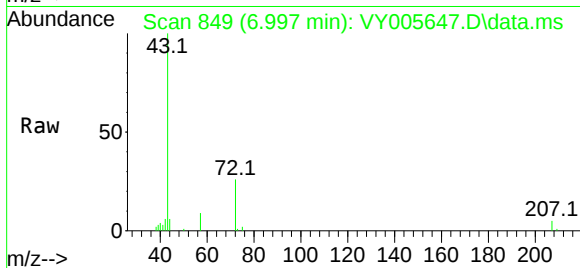
Delta R.T. 0.000 min

Lab File: VY005647.D

Acq: 13 Aug 2021 20:21

Instrument :
MSVOA_Y
ClientSampled :
25S

Tgt Ion: 43 Resp: 12959
Ion Ratio Lower Upper
43 100
72 26.5 21.4 32.2



#31

Cyclohexane

Concen: 1.198 ug/l

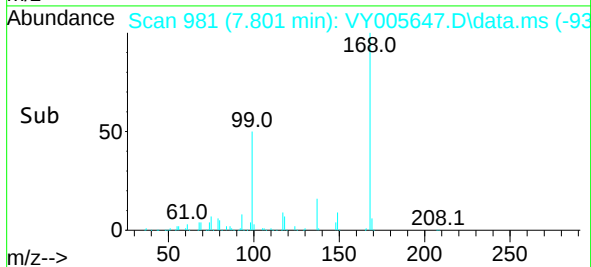
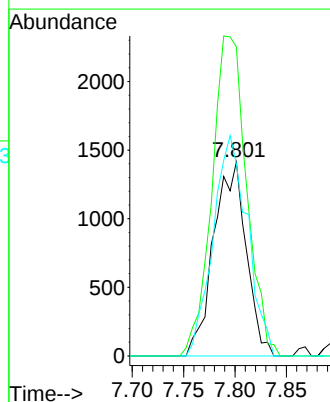
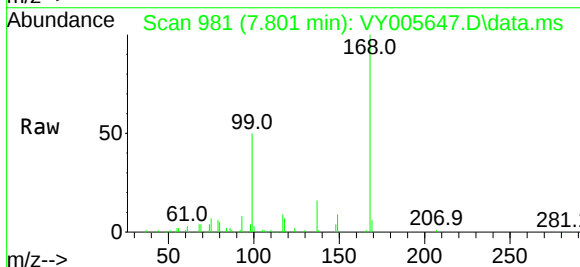
RT: 7.801 min Scan# 981

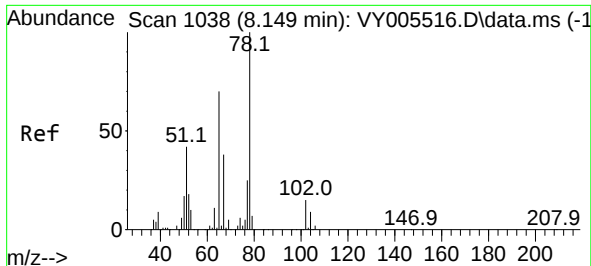
Delta R.T. 0.006 min

Lab File: VY005647.D

Acq: 13 Aug 2021 20:21

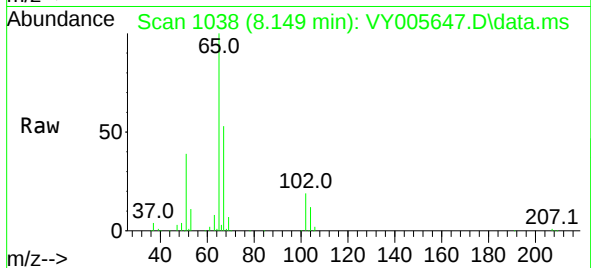
Tgt Ion: 56 Resp: 3117
Ion Ratio Lower Upper
56 100
69 159.4 27.7 41.5#
84 99.1 70.9 106.3



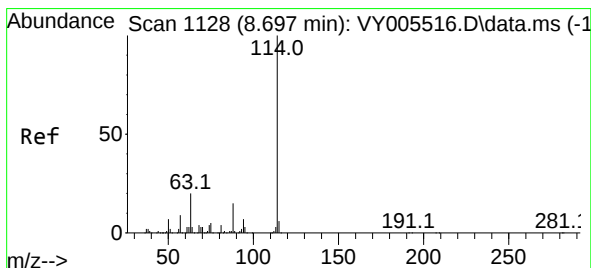
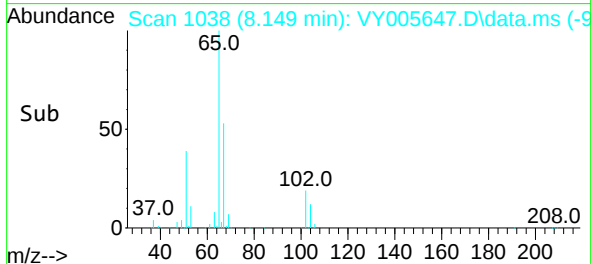
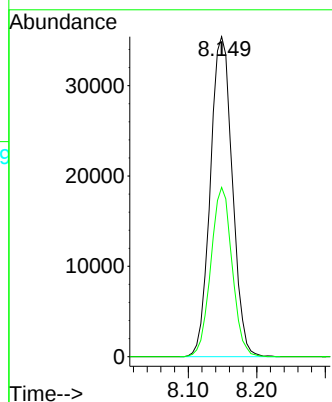


#33
 1,2-Dichloroethane-d4
 Concen: 51.970 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY005647.D
 Acq: 13 Aug 2021 20:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 25S

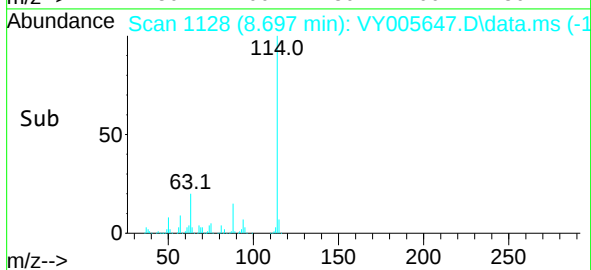
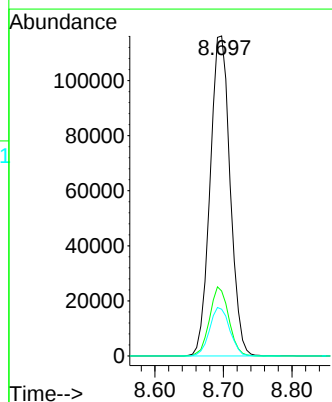
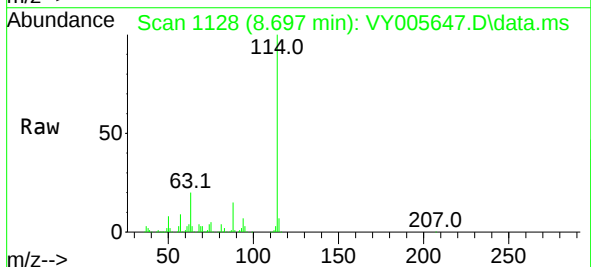


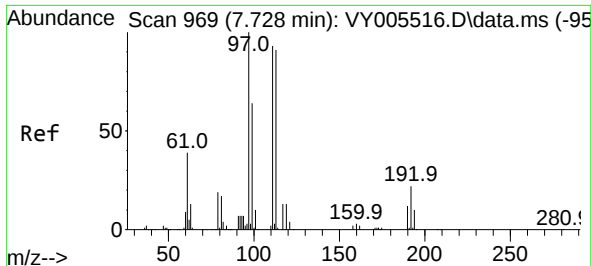
Tgt Ion: 65 Resp: 78807
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY005647.D
 Acq: 13 Aug 2021 20:21

Tgt Ion: 114 Resp: 235293
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.2
 88 14.6 0.0 30.8

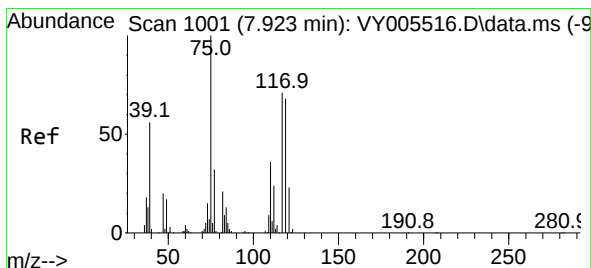
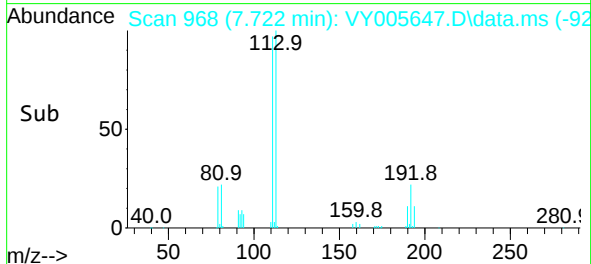
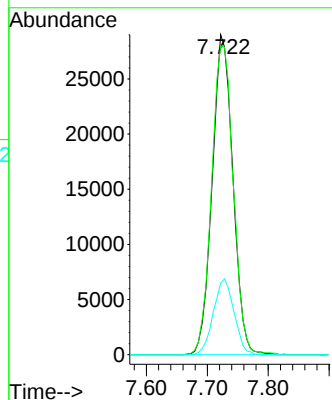
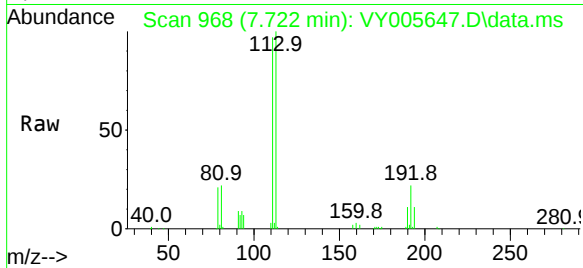




#35
Dibromofluoromethane
Concen: 51.949 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005647.D
Acq: 13 Aug 2021 20:21

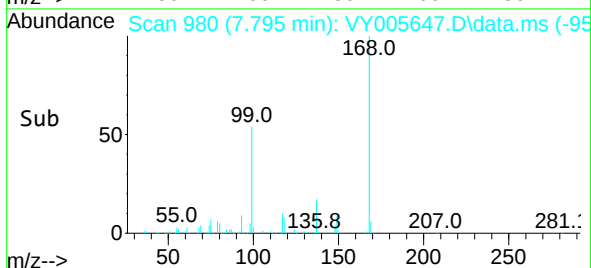
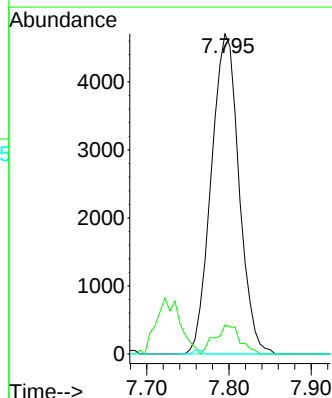
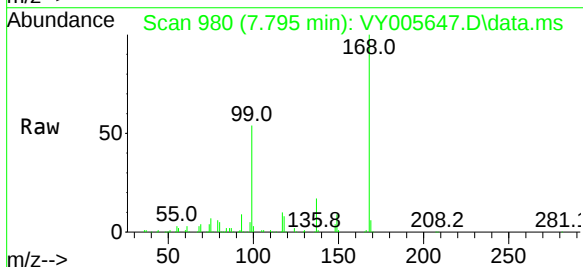
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ClientSampled :
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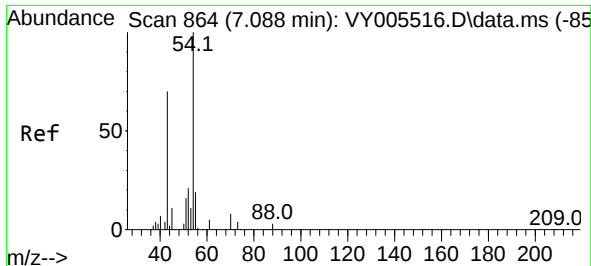
Tgt Ion:113 Resp: 68435
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 23.6 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.998 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005647.D
Acq: 13 Aug 2021 20:21

Tgt Ion: 75 Resp: 11031
Ion Ratio Lower Upper
75 100
110 8.2 18.1 54.1#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 9.693 ug/l

RT: 6.997 min Scan# 849

Delta R.T. -0.091 min

Lab File: VY005647.D

Acq: 13 Aug 2021 20:21

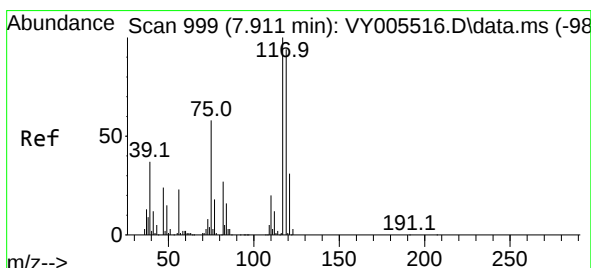
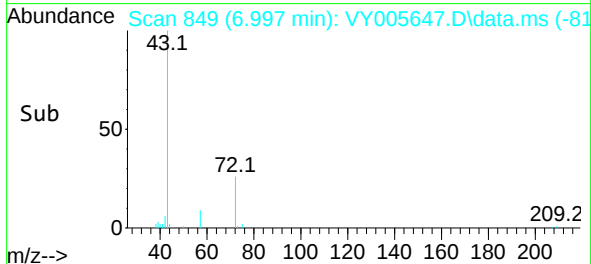
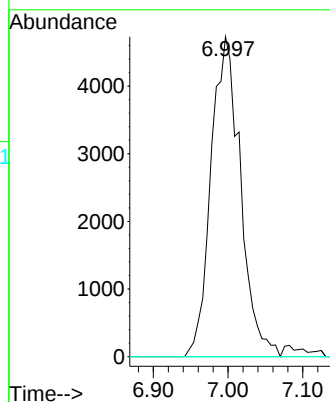
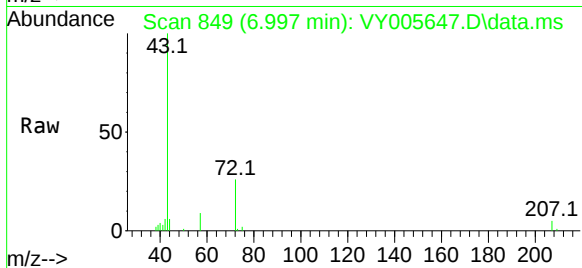
Instrument :

MSVOA_Y

ClientSampleId :

25S

Tgt Ion:	43	Resp:	12959
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	15.8#
70	0.0	8.6	13.0#



#38

Carbon Tetrachloride

Concen: 5.922 ug/l

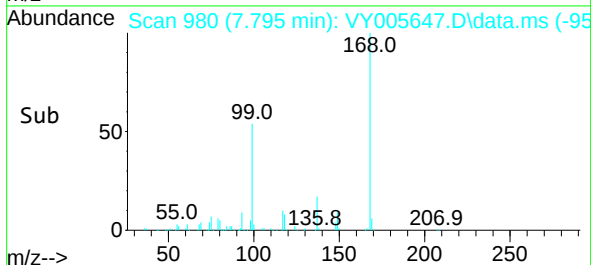
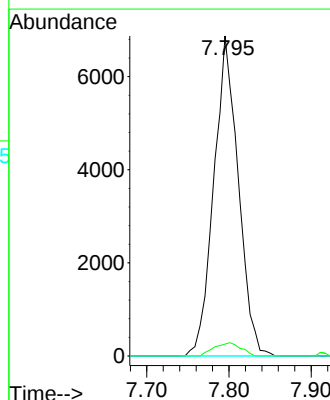
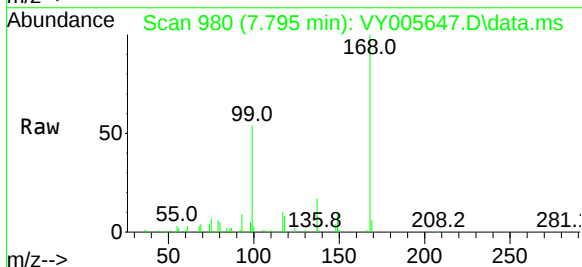
RT: 7.795 min Scan# 980

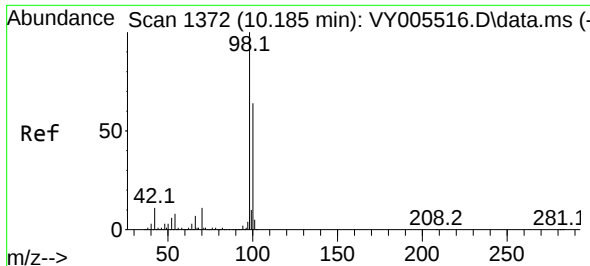
Delta R.T. -0.116 min

Lab File: VY005647.D

Acq: 13 Aug 2021 20:21

Tgt Ion:	117	Resp:	14204
Ion	Ratio	Lower	Upper
117	100		
119	3.7	75.4	113.0#
121	0.0	25.1	37.7#

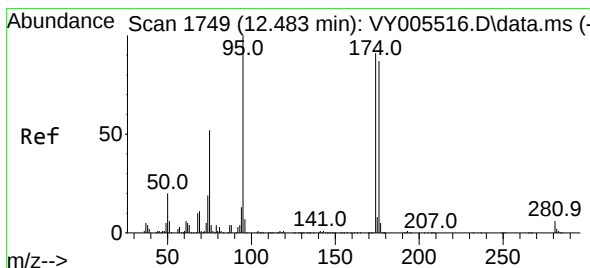
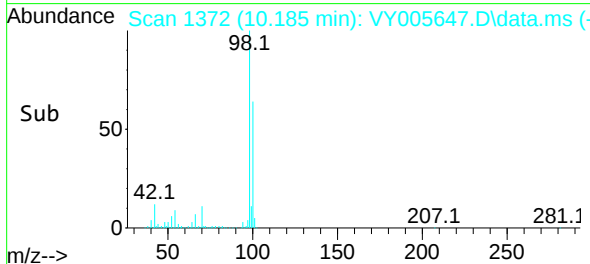
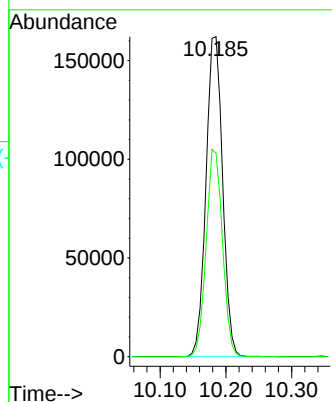
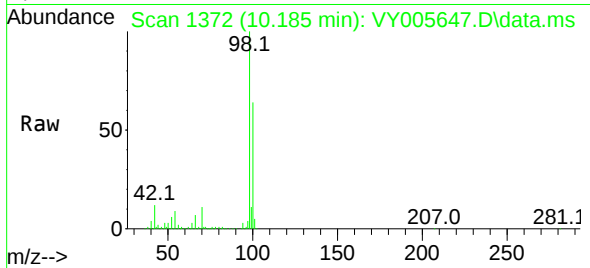




#50
Toluene-d8
Concen: 51.609 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005647.D
Acq: 13 Aug 2021 20:21

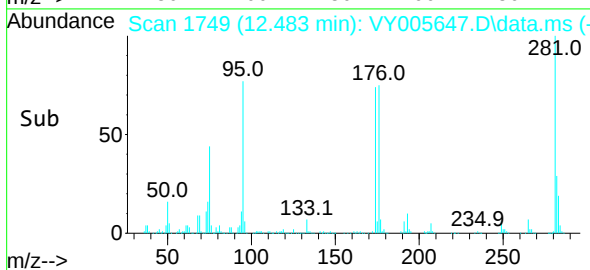
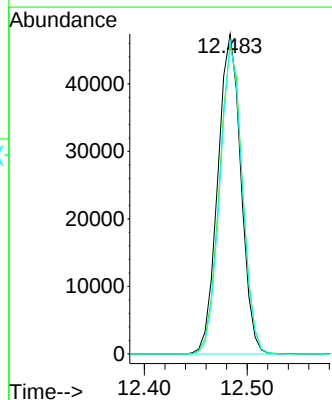
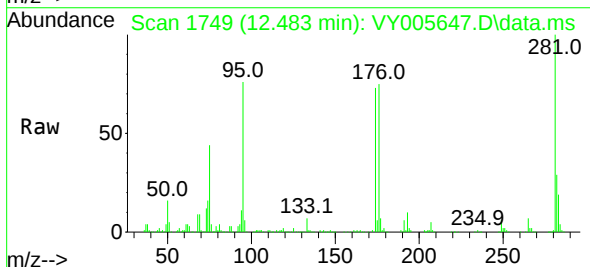
Instrument :
MSVOA_Y
ClientSampled :
25S

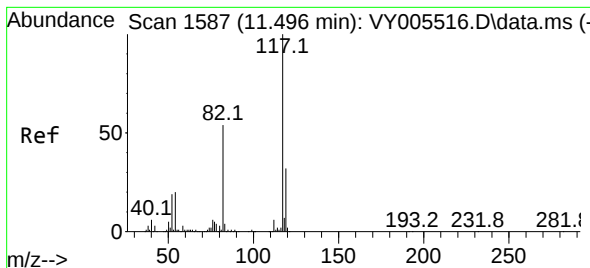
Tgt Ion: 98 Resp: 285133
Ion Ratio Lower Upper
98 100
100 63.5 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 40.364 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005647.D
Acq: 13 Aug 2021 20:21

Tgt Ion: 95 Resp: 73848
Ion Ratio Lower Upper
95 100
174 96.1 0.0 191.4
176 93.7 0.0 183.6

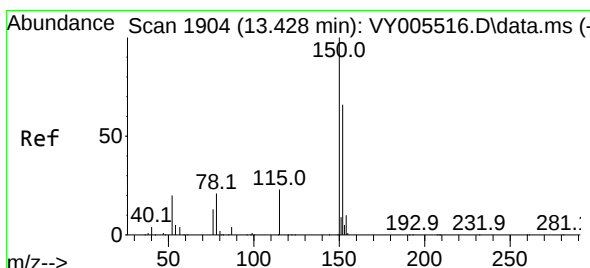
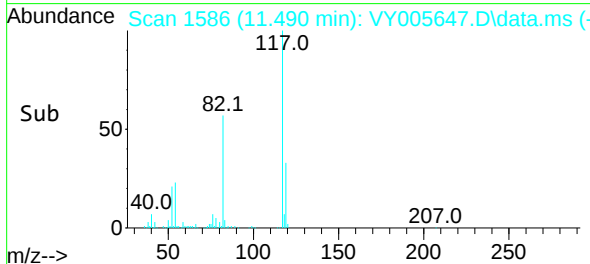
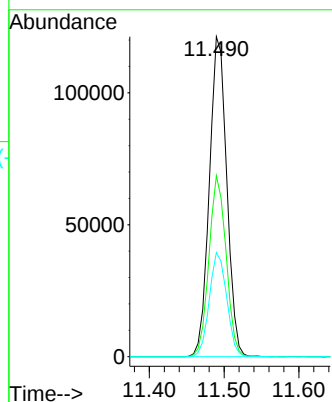
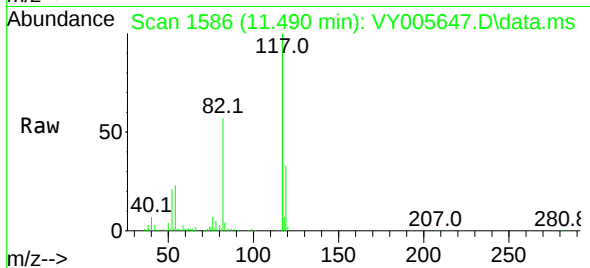




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005647.D
Acq: 13 Aug 2021 20:21

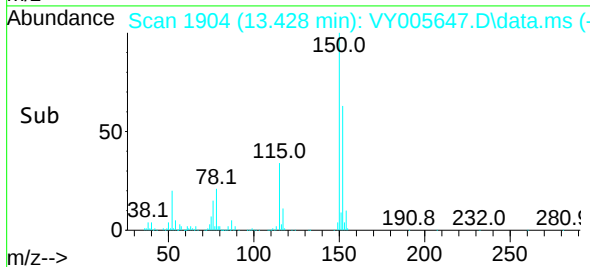
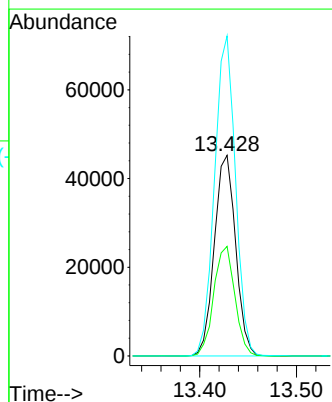
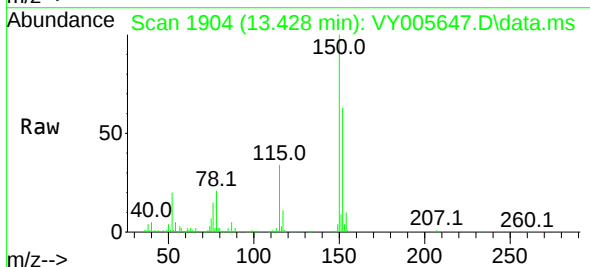
Instrument :
MSVOA_Y
ClientSampled :
25S

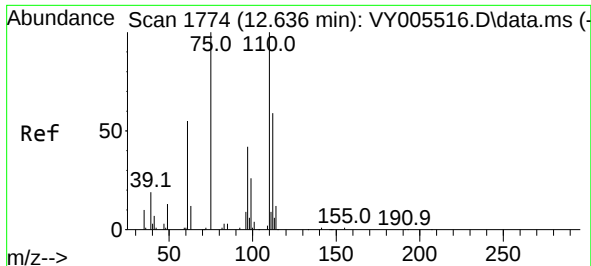
Tgt Ion:117 Resp: 196010
Ion Ratio Lower Upper
117 100
82 56.5 43.5 65.3
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005647.D
Acq: 13 Aug 2021 20:21

Tgt Ion:152 Resp: 69215
Ion Ratio Lower Upper
152 100
115 54.2 27.3 81.9
150 156.5 0.0 350.2

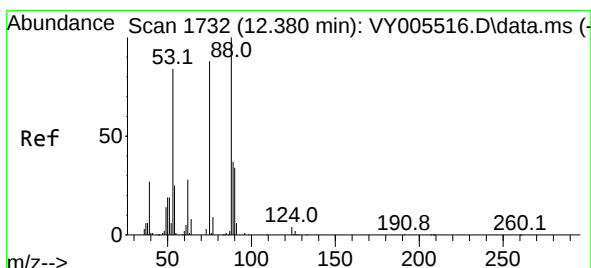
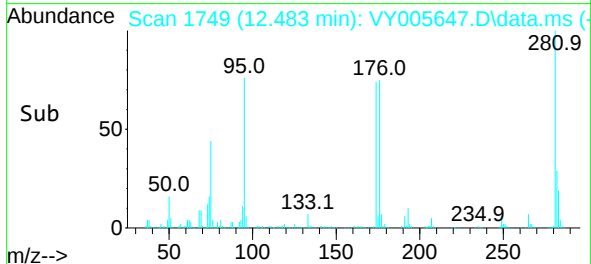
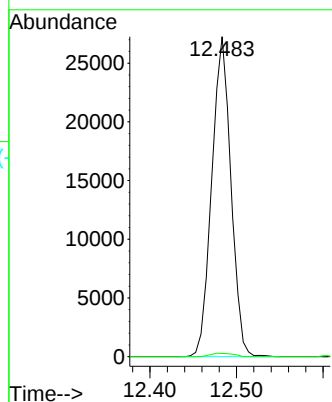
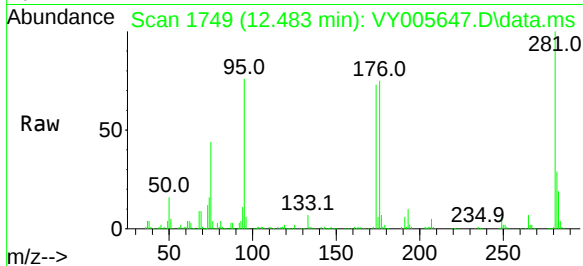




#76
1,2,3-Trichloropropane
Concen: 58.399 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005647.D
Acq: 13 Aug 2021 20:21

Instrument :
MSVOA_Y
ClientSampled :
25S

Tgt Ion: 75 Resp: 41888
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.726 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005647.D
Acq: 13 Aug 2021 20:21

Tgt Ion: 75 Resp: 41888
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 1.1 38.4 57.6#

