

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031921\
 Data File : VY004142.D
 Acq On : 19 Mar 2021 17:54
 Operator : SY/MD
 Sample : M1746-01
 Misc : 6.38g/5mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1-18.5-19.0

Quant Time: Mar 20 03:15:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

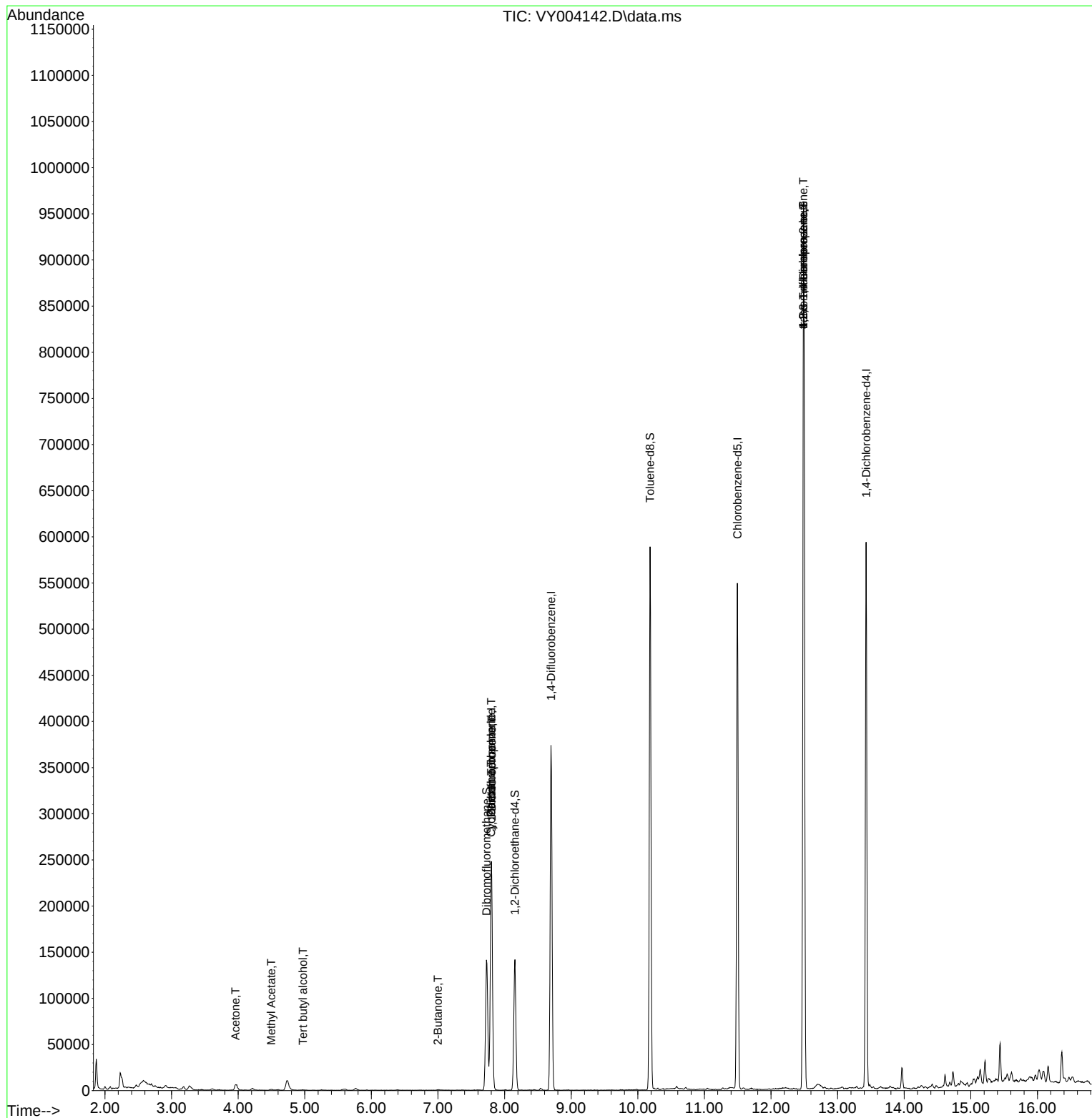
Internal Standards						
1) Pentafluorobenzene	7.801	168	195899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	324079	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	301605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	149688	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	108815	56.29	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.58%	
35) Dibromofluoromethane	7.728	113	98367	53.82	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.64%	
50) Toluene-d8	10.185	98	378351	52.81	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.62%	
62) 4-Bromofluorobenzene	12.483	95	139219	52.61	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.22%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.125	50	369	Below Cal	#	43
11) Tert butyl alcohol	4.972	59	553	3.16	ug/l #	76
16) Acetone	3.960	43	11214	24.03	ug/l	95
18) Methyl Acetate	4.497	43	2200	1.91	ug/l	97
20) Methylene Chloride	4.728	84	8352	Below Cal	#	84
25) 2-Butanone	6.996	43	890	1.32	ug/l	97
31) Cyclohexane	7.795	56	3882	1.14	ug/l #	1
36) 1,1-Dichloropropene	7.807	75	13966	4.91	ug/l #	50
38) Carbon Tetrachloride	7.801	117	19435	6.43	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	78091	54.41	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	78091	107.38	ug/l #	14

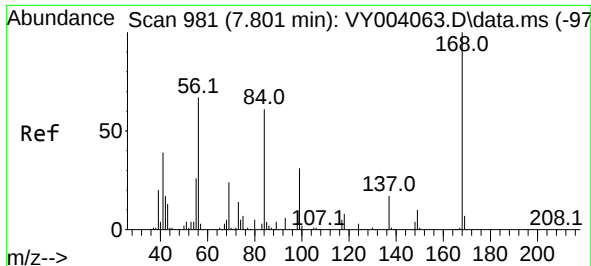
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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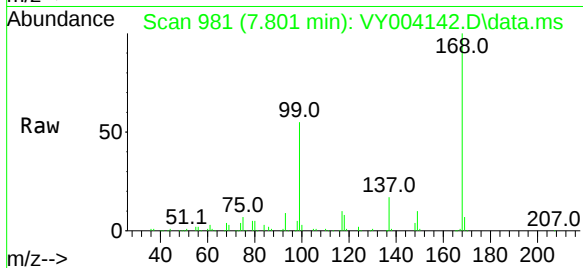
Quant Time: Mar 20 03:15:42 2021
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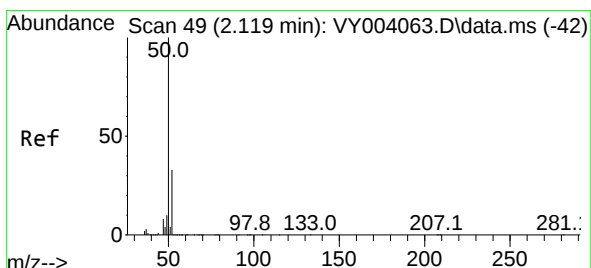
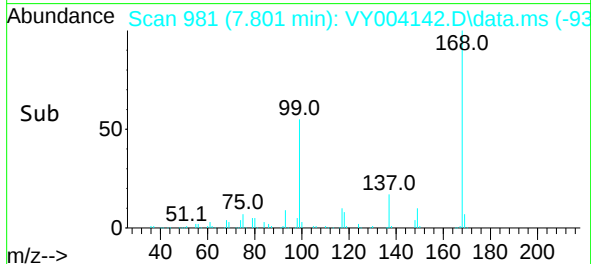
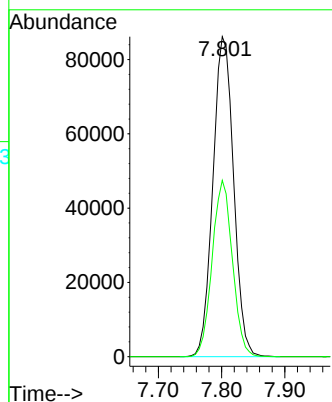


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004142.D
Acq: 19 Mar 2021 17:54

Instrument :
MSVOA_Y
ClientSampleId :
SB-1-18.5-19.0

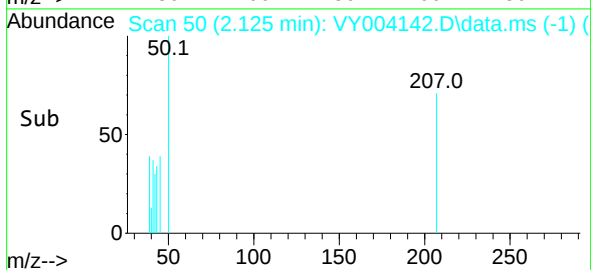
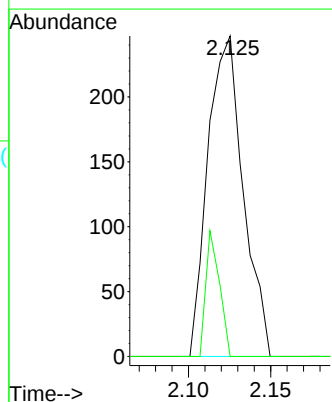
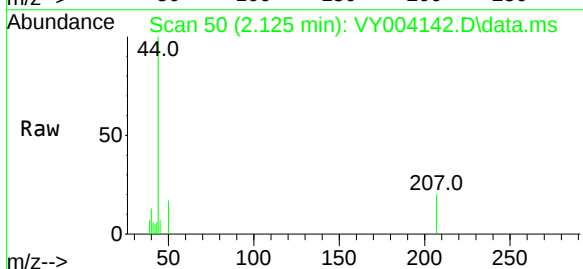


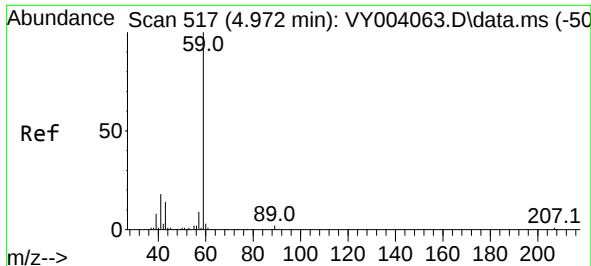
Tgt Ion:168 Resp: 195899
Ion Ratio Lower Upper
168 100
99 55.1 41.2 61.8



#3
Chloromethane
Concen: Below Cal
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY004142.D
Acq: 19 Mar 2021 17:54

Tgt Ion: 50 Resp: 369
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

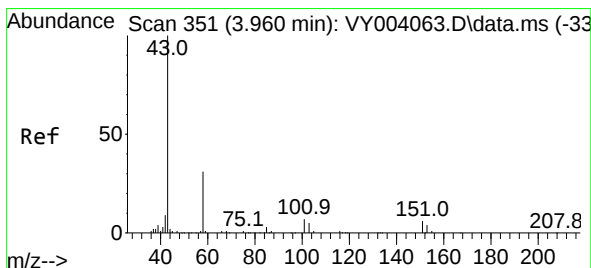
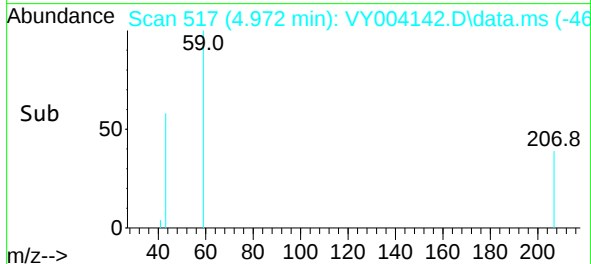
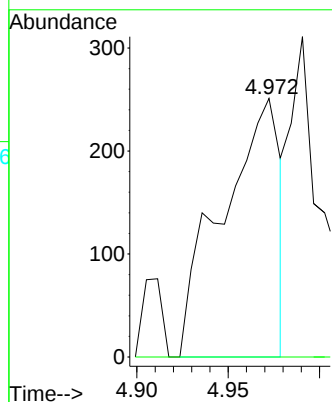
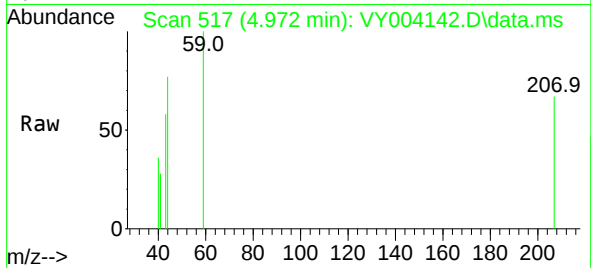




#11
Tert butyl alcohol
Concen: 3.16 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY004142.D
Acq: 19 Mar 2021 17:54

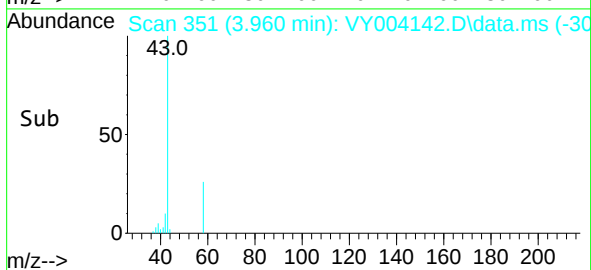
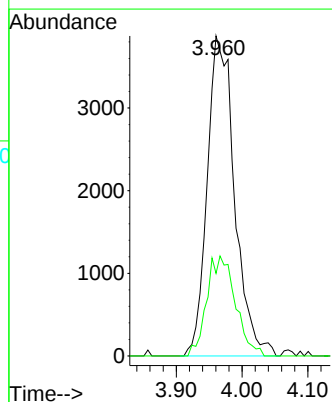
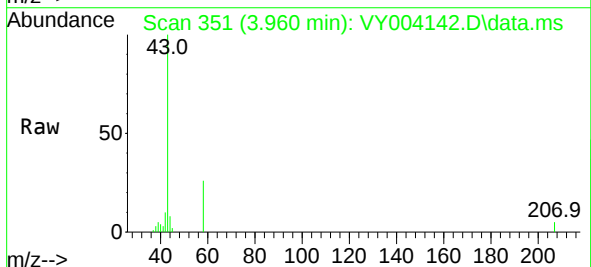
Instrument :
MSVOA_Y
ClientSampled :
SB-1-18.5-19.0

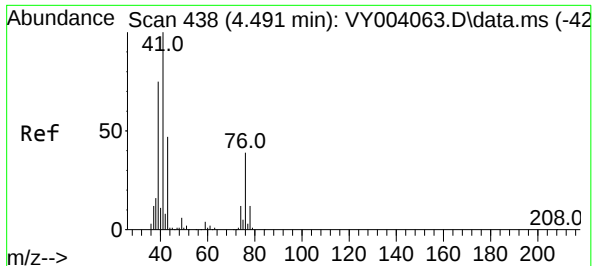
Tgt Ion: 59 Resp: 553
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#



#16
Acetone
Concen: 24.03 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004142.D
Acq: 19 Mar 2021 17:54

Tgt Ion: 43 Resp: 11214
Ion Ratio Lower Upper
43 100
58 25.8 22.6 34.0

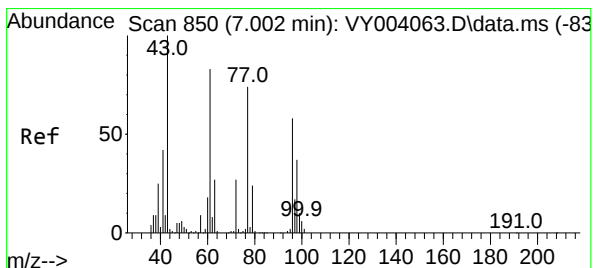
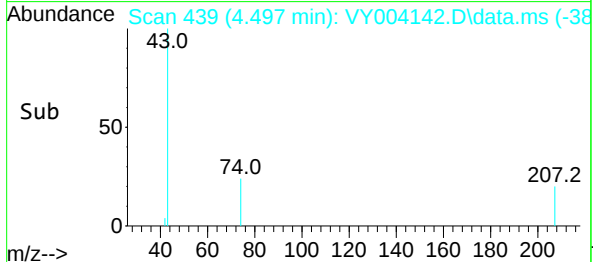
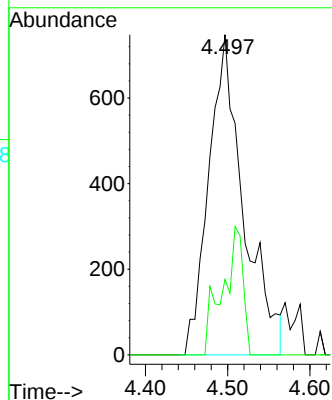
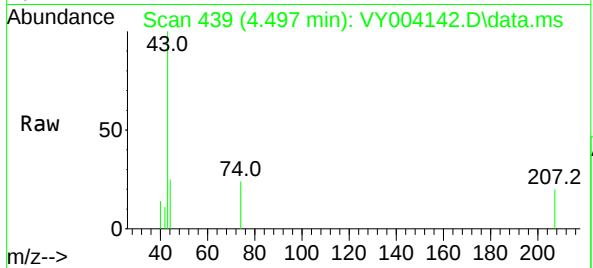




#18
Methyl Acetate
Concen: 1.91 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY004142.D
Acq: 19 Mar 2021 17:54

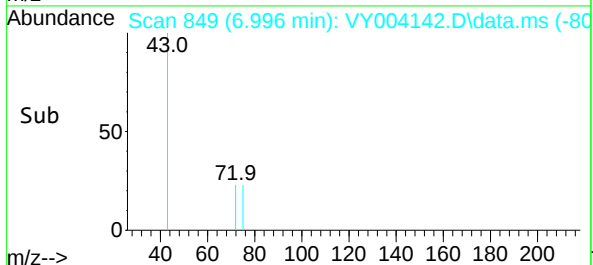
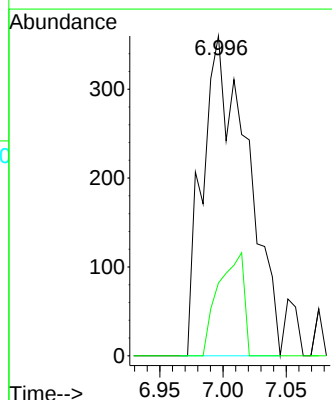
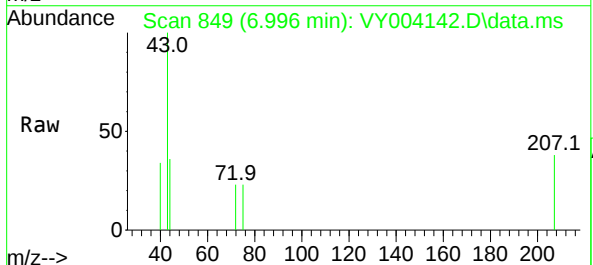
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-18.5-19.0

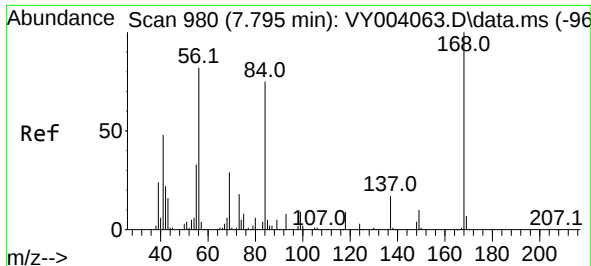
Tgt Ion: 43 Resp: 2200
Ion Ratio Lower Upper
43 100
74 23.5 17.6 26.4



#25
2-Butanone
Concen: 1.32 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY004142.D
Acq: 19 Mar 2021 17:54

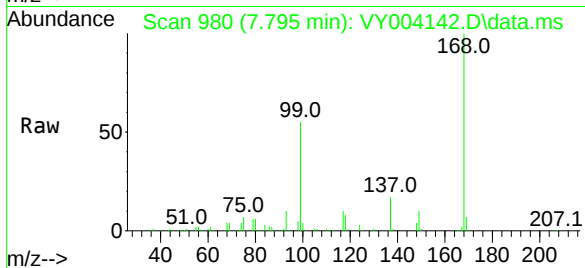
Tgt Ion: 43 Resp: 890
Ion Ratio Lower Upper
43 100
72 22.8 19.4 29.0



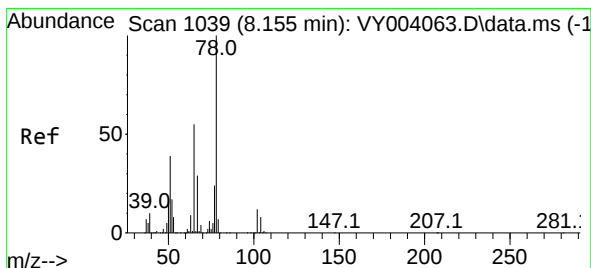
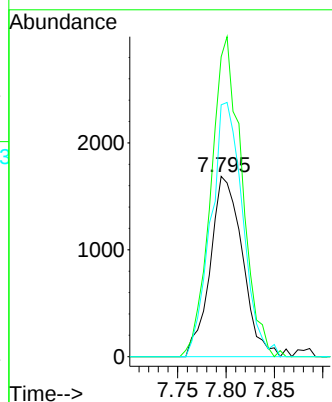
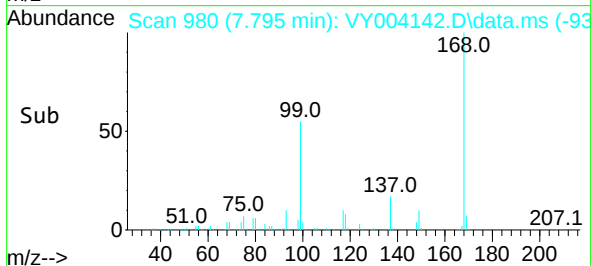


#31
Cyclohexane
Concen: 1.14 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004142.D
Acq: 19 Mar 2021 17:54

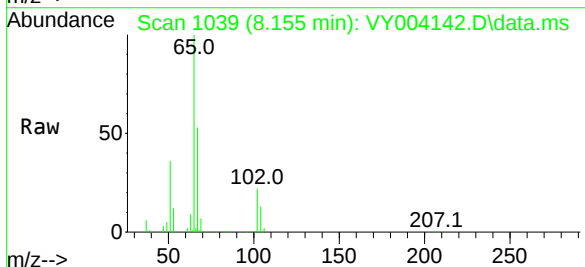
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-18.5-19.0



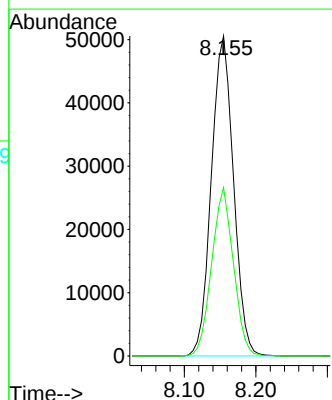
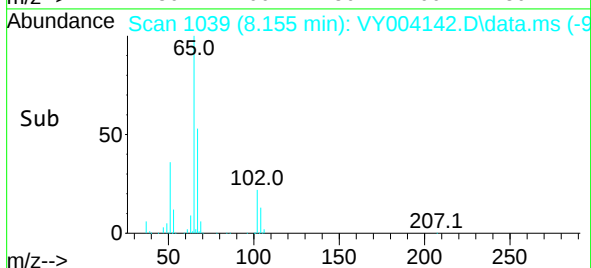
Tgt Ion: 56 Resp: 3882
Ion Ratio Lower Upper
56 100
69 166.3 25.3 37.9#
84 139.7 67.3 100.9#

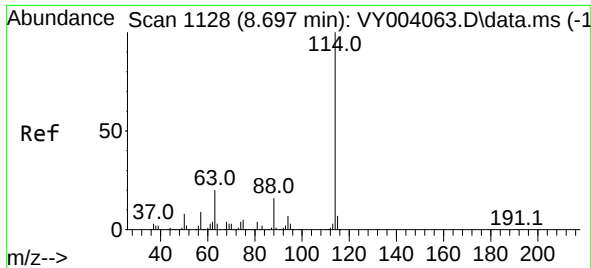


#33
1,2-Dichloroethane-d4
Concen: 56.29 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004142.D
Acq: 19 Mar 2021 17:54



Tgt Ion: 65 Resp: 108815
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.4

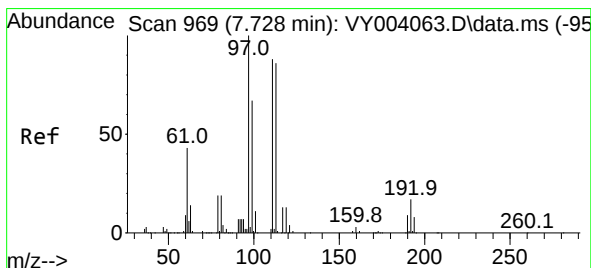
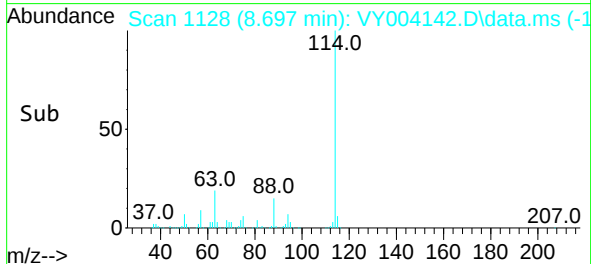
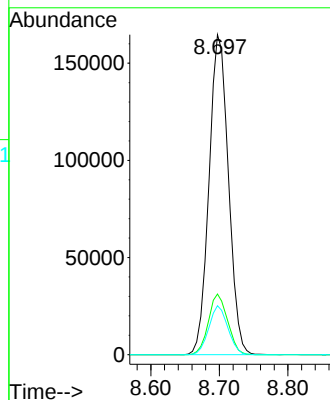
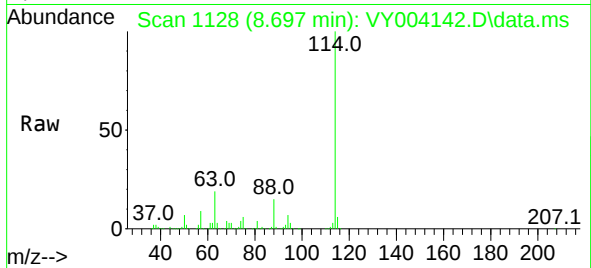




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004142.D
Acq: 19 Mar 2021 17:54

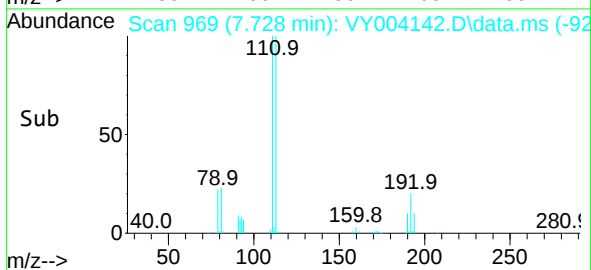
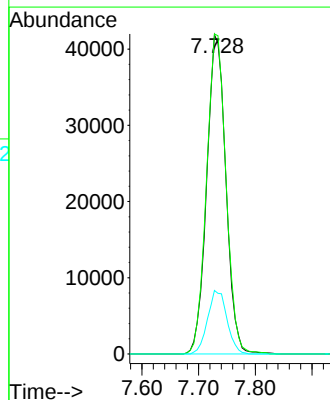
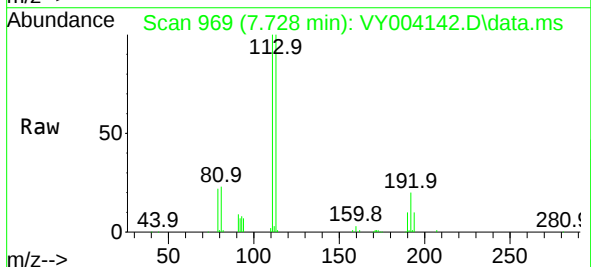
Instrument :
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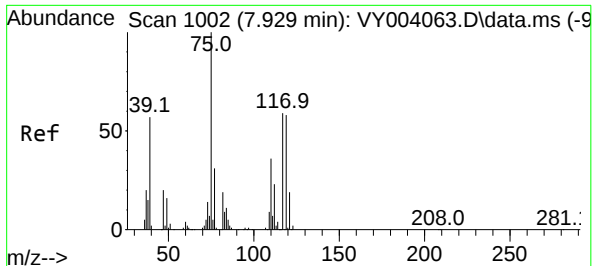
Tgt Ion:	114	Resp:	324079
Ion Ratio	Lower	Upper	
114	100		
63	19.0	0.0	41.6
88	15.3	0.0	31.4



#35
Dibromofluoromethane
Concen: 53.82 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004142.D
Acq: 19 Mar 2021 17:54

Tgt Ion:	113	Resp:	98367
Ion Ratio	Lower	Upper	
113	100		
111	101.8	83.2	124.8
192	20.1	18.5	27.7

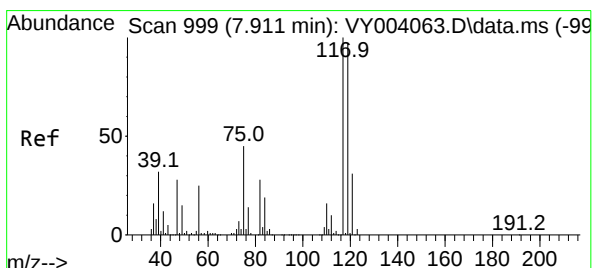
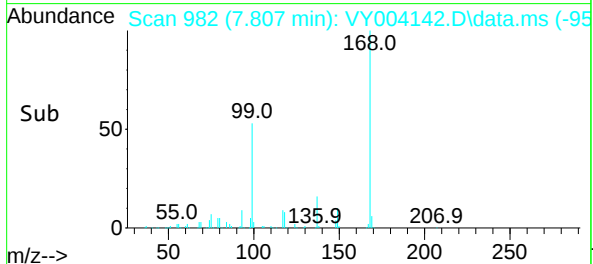
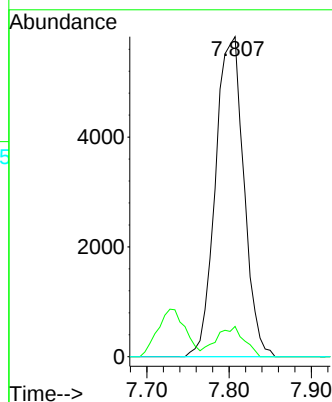
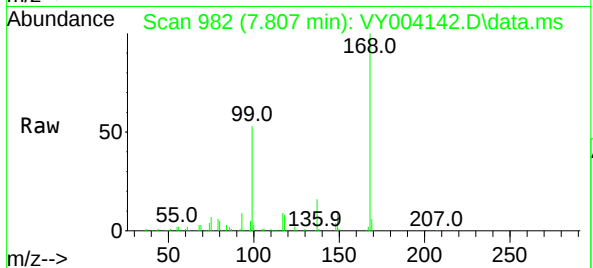




#36
1,1-Dichloropropene
Concen: 4.91 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY004142.D
Acq: 19 Mar 2021 17:54

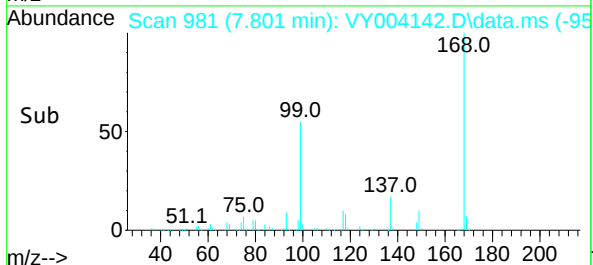
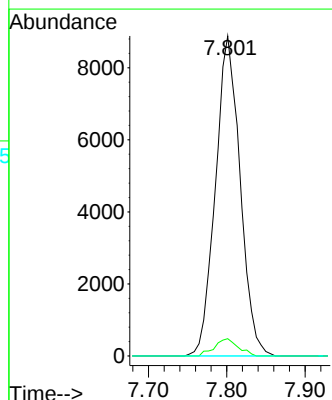
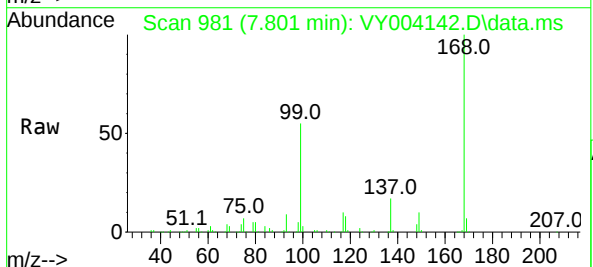
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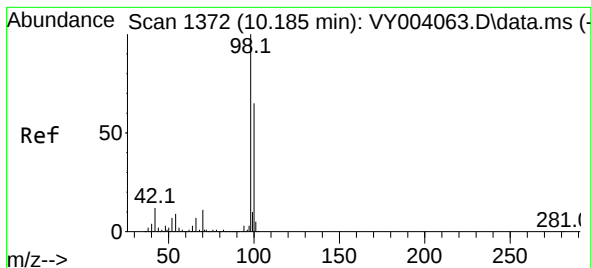
Tgt Ion: 75 Resp: 13966
Ion Ratio Lower Upper
75 100
110 9.4 17.4 52.3#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.43 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004142.D
Acq: 19 Mar 2021 17:54

Tgt Ion: 117 Resp: 19435
Ion Ratio Lower Upper
117 100
119 5.4 75.4 113.0#
121 0.0 24.2 36.2#

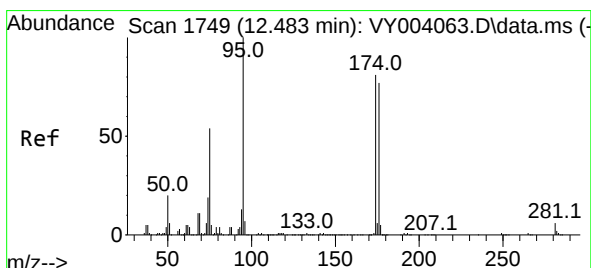
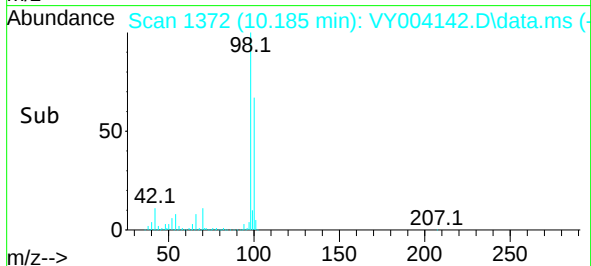
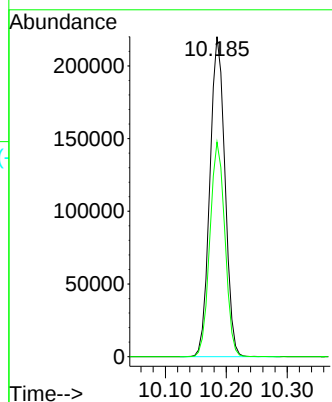
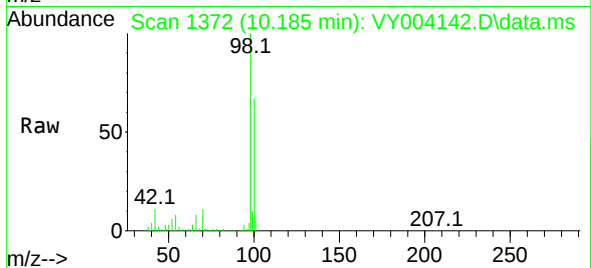




#50
Toluene-d8
Concen: 52.81 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004142.D
Acq: 19 Mar 2021 17:54

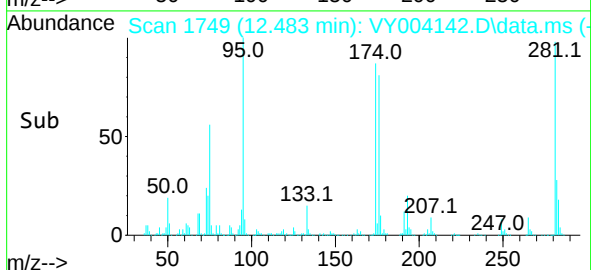
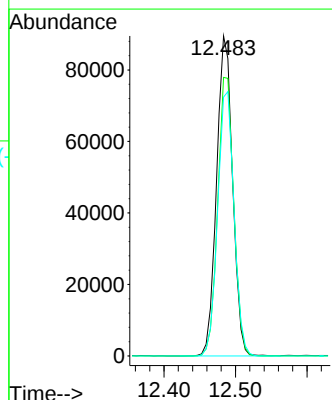
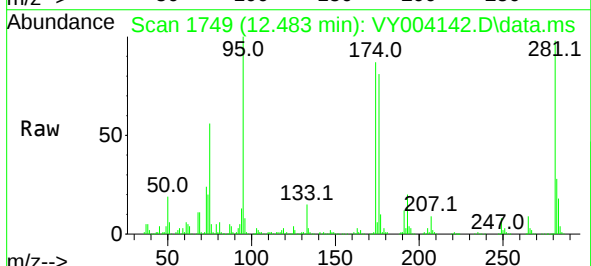
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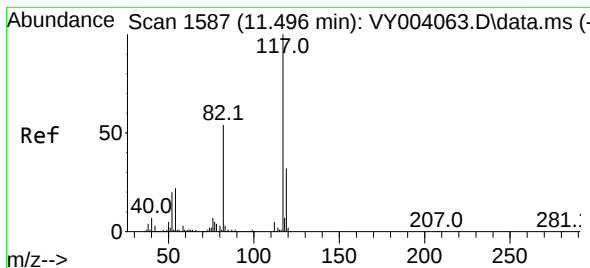
Tgt Ion: 98 Resp: 378351
Ion Ratio Lower Upper
98 100
100 66.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.61 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004142.D
Acq: 19 Mar 2021 17:54

Tgt Ion: 95 Resp: 139219
Ion Ratio Lower Upper
95 100
174 87.2 0.0 179.0
176 84.3 0.0 174.4

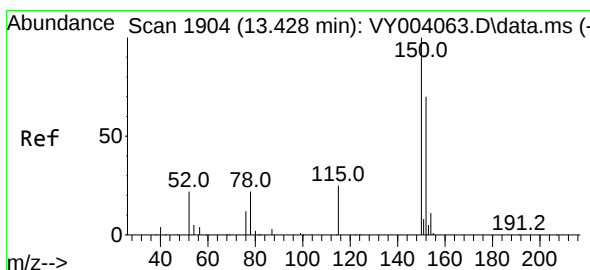
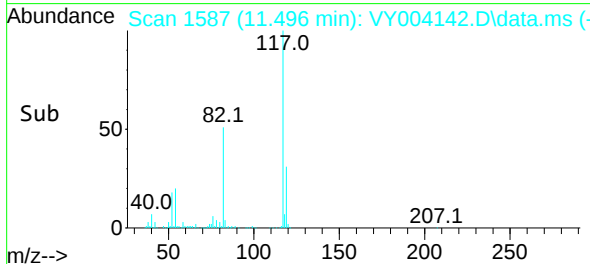
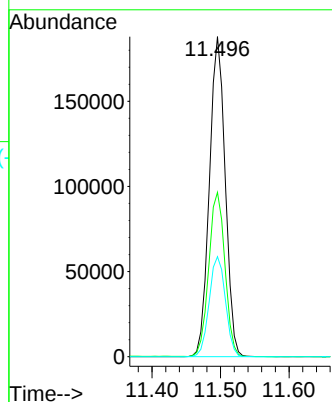
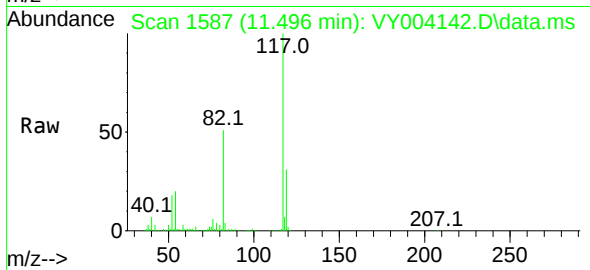




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004142.D
Acq: 19 Mar 2021 17:54

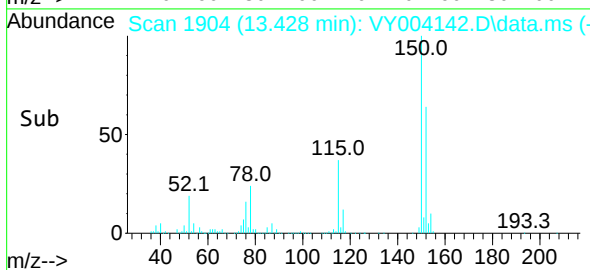
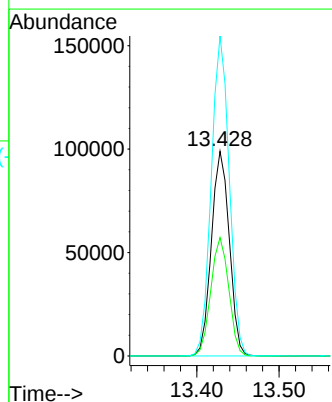
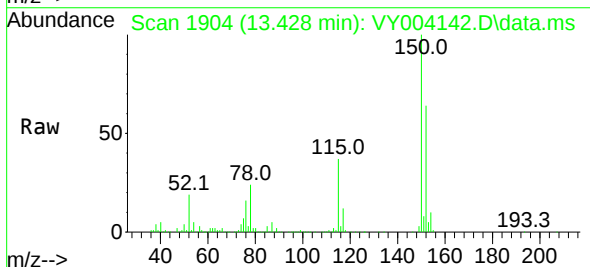
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-18.5-19.0

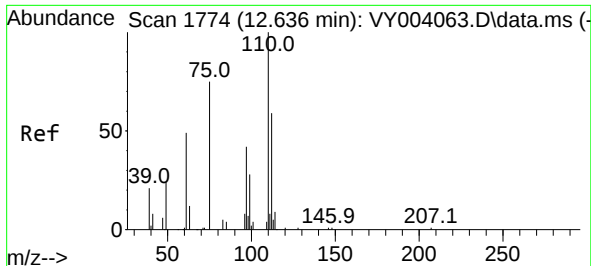
Tgt Ion:	117	Resp:	301605
Ion Ratio	Lower	Upper	
117	100		
82	51.3	43.8	65.6
119	31.2	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004142.D
Acq: 19 Mar 2021 17:54

Tgt Ion:	152	Resp:	149688
Ion Ratio	Lower	Upper	
152	100		
115	57.9	28.2	84.6
150	156.4	0.0	347.2

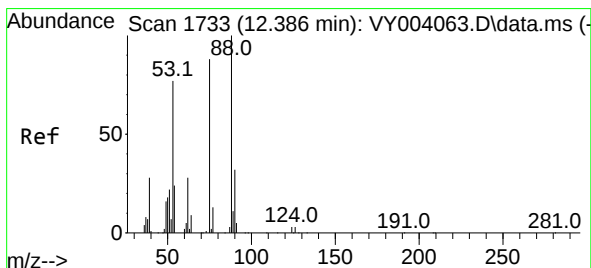
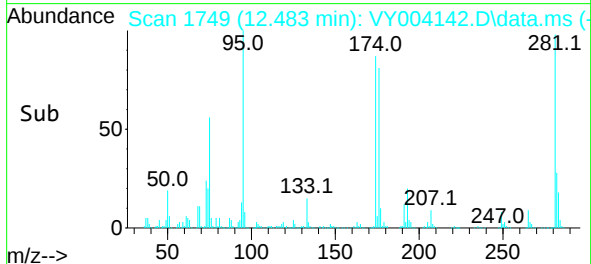
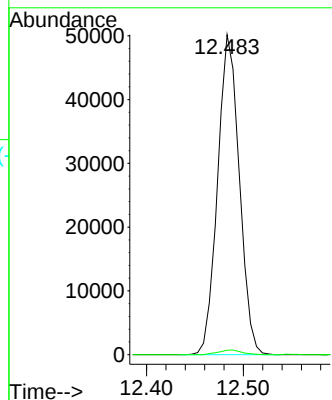
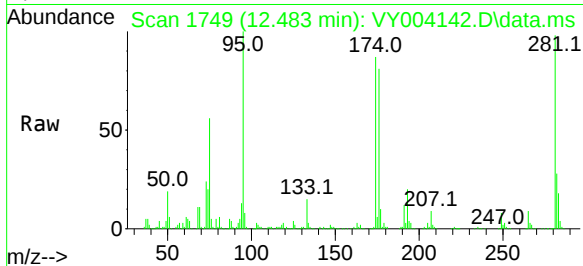




#76
1,2,3-Trichloropropane
Concen: 54.41 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004142.D
Acq: 19 Mar 2021 17:54

Instrument :
MSVOA_Y
ClientSampleId :
SB-1-18.5-19.0

Tgt Ion: 75 Resp: 78091
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.38 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004142.D
Acq: 19 Mar 2021 17:54

Tgt Ion: 75 Resp: 78091
Ion Ratio Lower Upper
75 100
53 0.1 73.5 110.3#
89 2.4 35.7 53.5#

