

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031921\
 Data File : VY004144.D
 Acq On : 19 Mar 2021 18:41
 Operator : SY/MD
 Sample : M1746-03
 Misc : 4.78g/5mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3-18.5-19.0

Quant Time: Mar 20 03:16:19 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

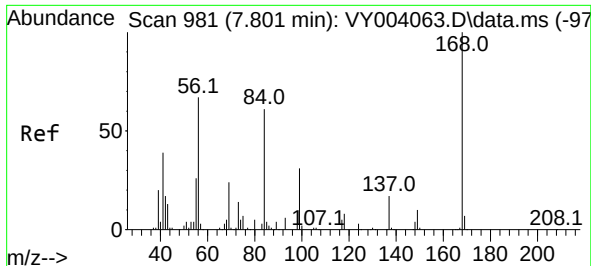
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	202433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	345021	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	329336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	163349	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	116503	58.32	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.64%
35) Dibromofluoromethane	7.734	113	106869	54.93	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.86%
50) Toluene-d8	10.185	98	406613	53.31	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.62%
62) 4-Bromofluorobenzene	12.483	95	152567	54.16	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.32%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	357	Below Cal	#	43
16) Acetone	3.979	43	1329	2.76	ug/l	100
20) Methylene Chloride	4.734	84	8921	Below Cal	#	84
31) Cyclohexane	7.801	56	4269	1.22	ug/l	# 1
36) 1,1-Dichloropropene	7.801	75	14314	4.72	ug/l	# 52
38) Carbon Tetrachloride	7.801	117	19643	6.11	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.179	43	1978	1.19	ug/l	# 1
76) 1,2,3-Trichloropropane	12.483	75	85835	54.80	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	85835	108.16	ug/l	# 14

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

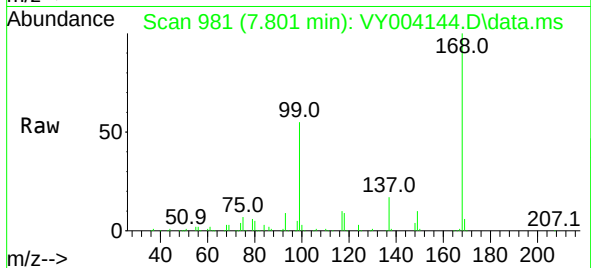
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 2021
Response via : Initial Calibration



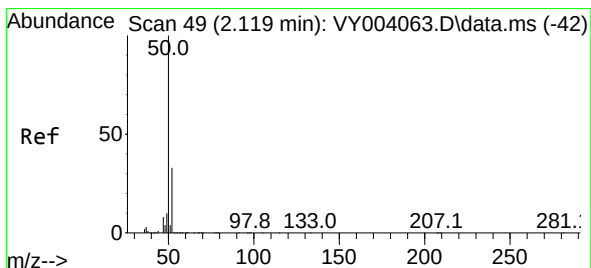
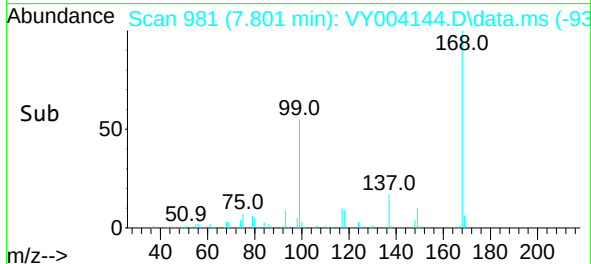
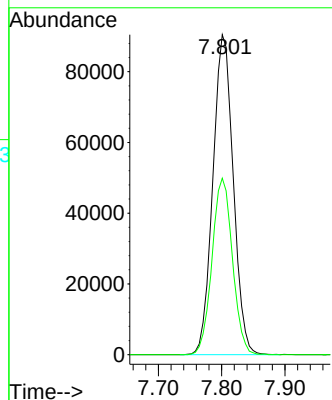


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004144.D
Acq: 19 Mar 2021 18:41

Instrument :
MSVOA_Y
ClientSampleId :
SB-3-18.5-19.0

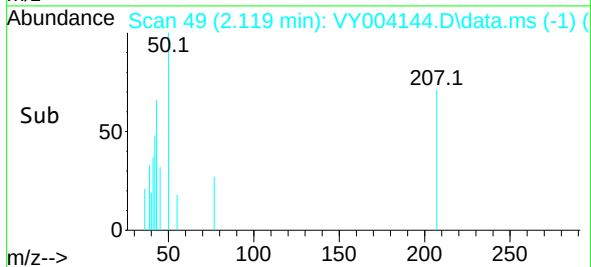
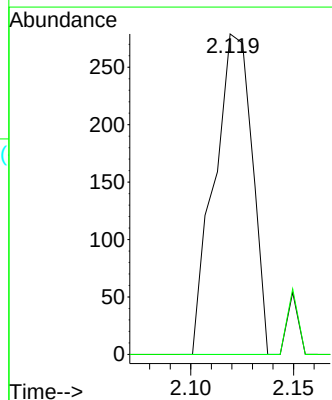
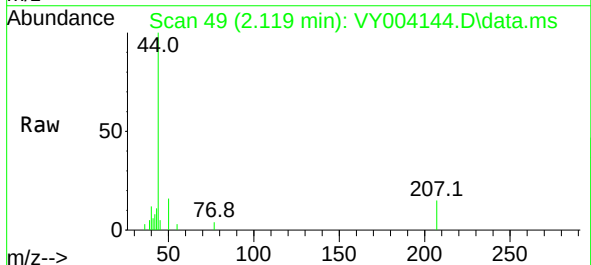


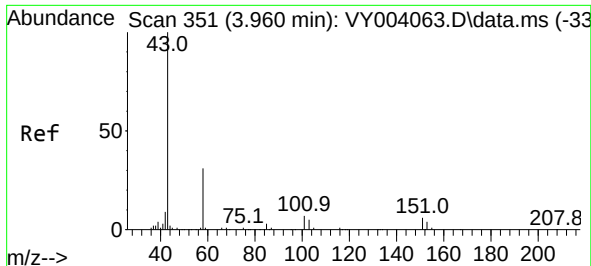
Tgt Ion:168 Resp: 202433
Ion Ratio Lower Upper
168 100
99 55.1 41.2 61.8



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004144.D
Acq: 19 Mar 2021 18:41

Tgt Ion: 50 Resp: 357
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

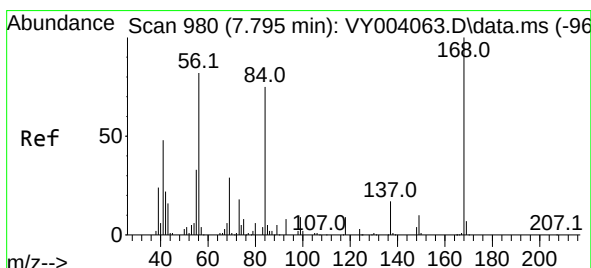
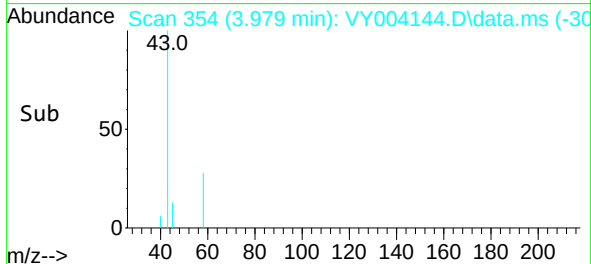
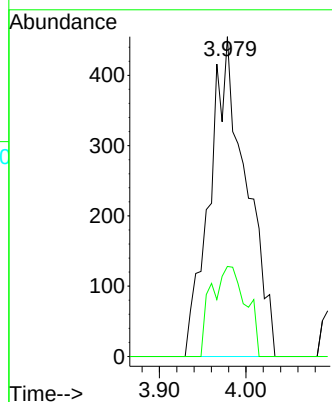
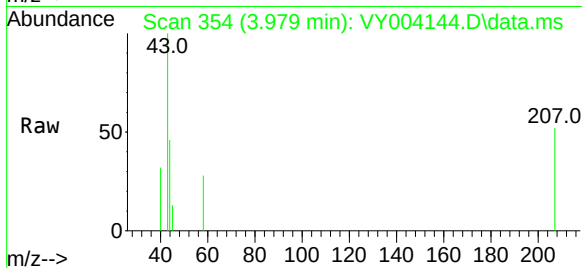




#16
Acetone
Concen: 2.76 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.019 min
Lab File: VY004144.D
Acq: 19 Mar 2021 18:41

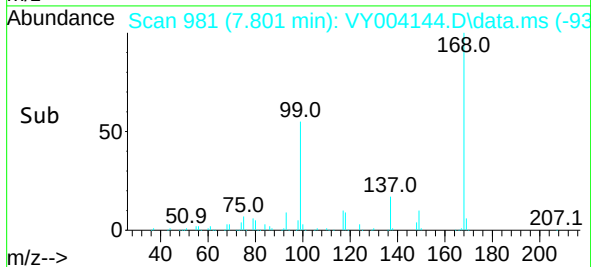
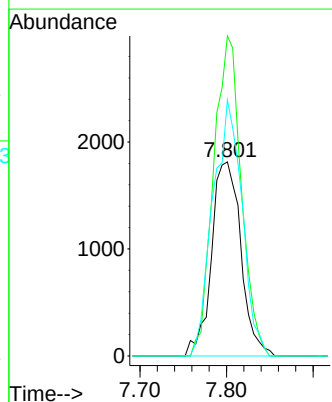
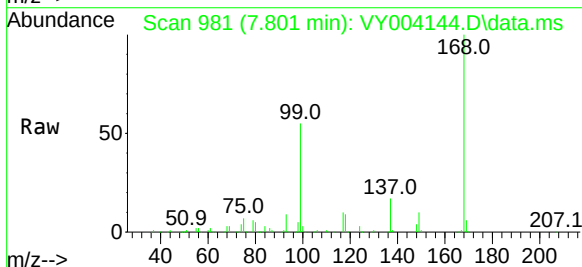
Instrument :
MSVOA_Y
ClientSampleId :
SB-3-18.5-19.0

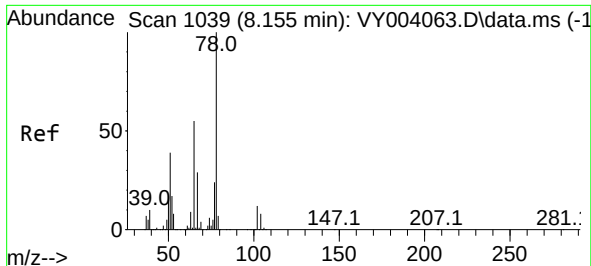
Tgt Ion: 43 Resp: 1329
Ion Ratio Lower Upper
43 100
58 28.1 22.6 34.0



#31
Cyclohexane
Concen: 1.22 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004144.D
Acq: 19 Mar 2021 18:41

Tgt Ion: 56 Resp: 4269
Ion Ratio Lower Upper
56 100
69 164.9 25.3 37.9#
84 132.0 67.3 100.9#

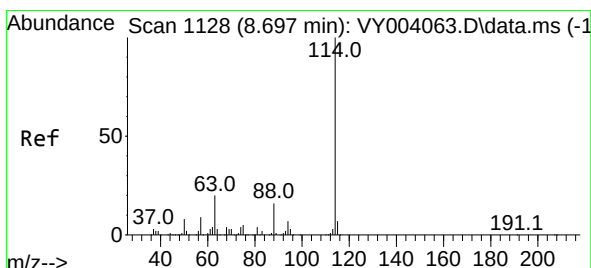
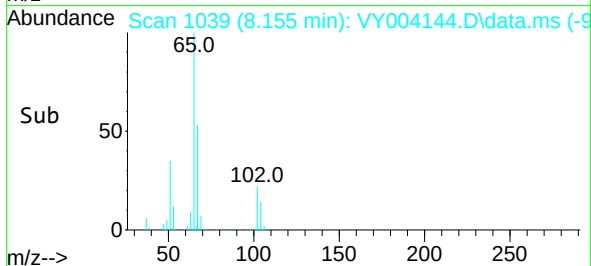
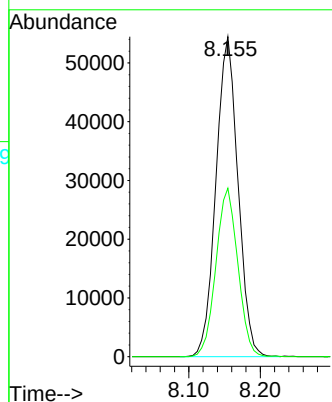
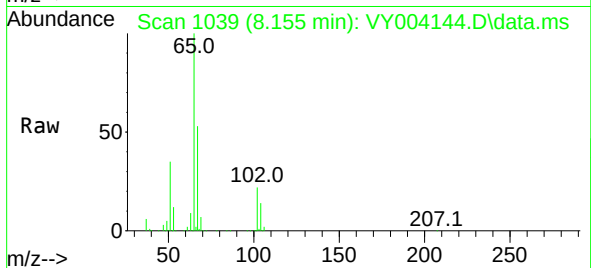




#33
1,2-Dichloroethane-d4
Concen: 58.32 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004144.D
Acq: 19 Mar 2021 18:41

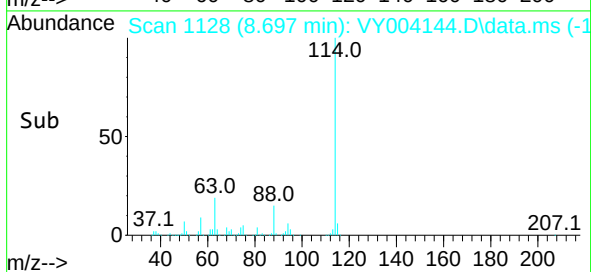
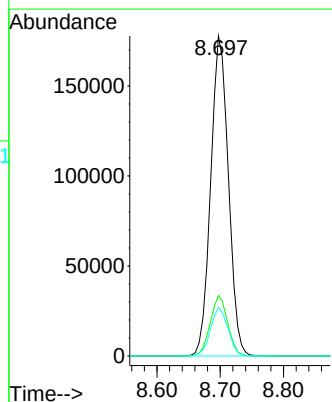
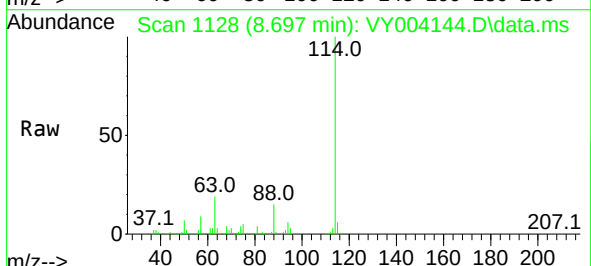
Instrument :
MSVOA_Y
ClientSampleId :
SB-3-18.5-19.0

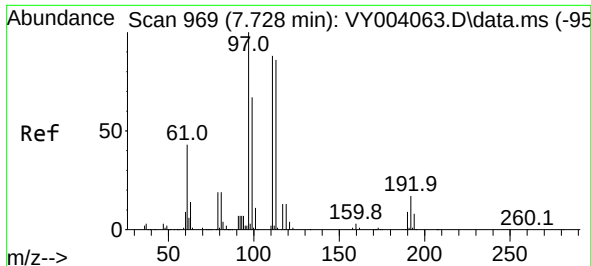
Tgt Ion: 65 Resp: 116503
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004144.D
Acq: 19 Mar 2021 18:41

Tgt Ion:114 Resp: 345021
Ion Ratio Lower Upper
114 100
63 18.9 0.0 41.6
88 15.2 0.0 31.4

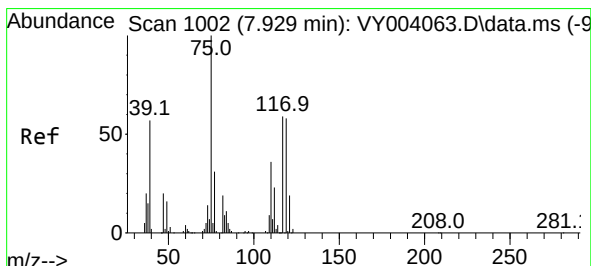
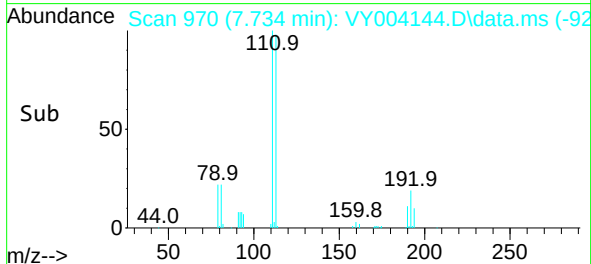
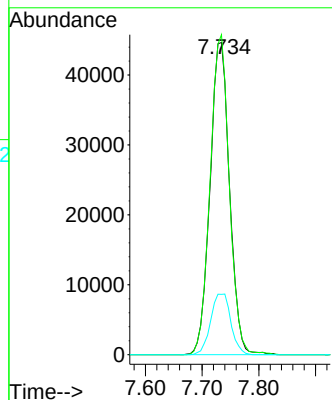
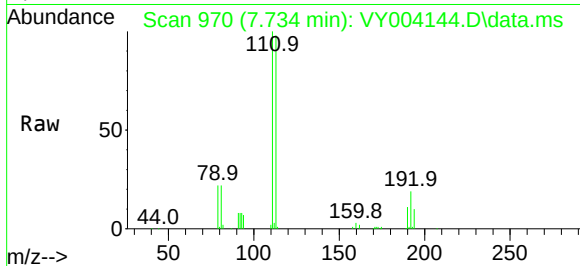




#35
Dibromofluoromethane
Concen: 54.93 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004144.D
Acq: 19 Mar 2021 18:41

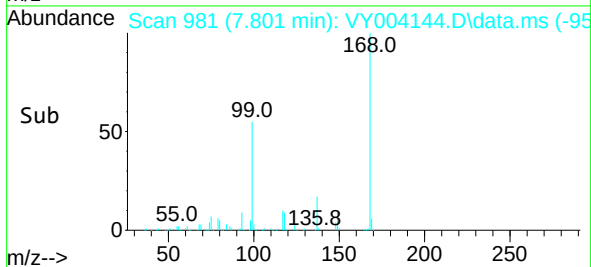
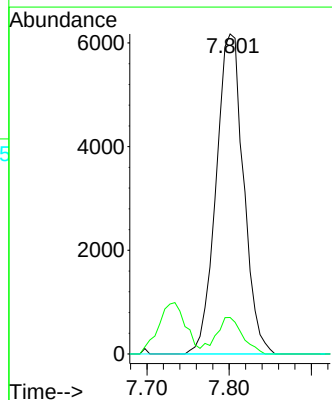
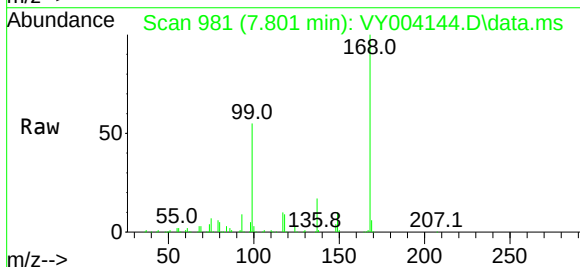
Instrument :
MSVOA_Y
ClientSampleId :
SB-3-18.5-19.0

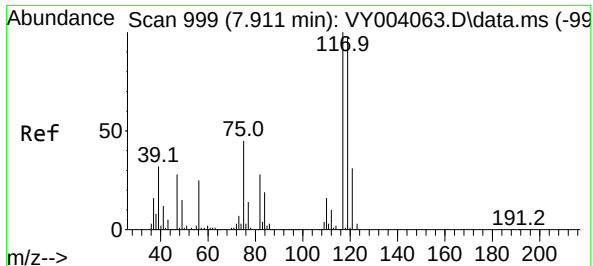
Tgt Ion:113 Resp: 106869
Ion Ratio Lower Upper
113 100
111 100.7 83.2 124.8
192 20.1 18.5 27.7



#36
1,1-Dichloropropene
Concen: 4.72 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004144.D
Acq: 19 Mar 2021 18:41

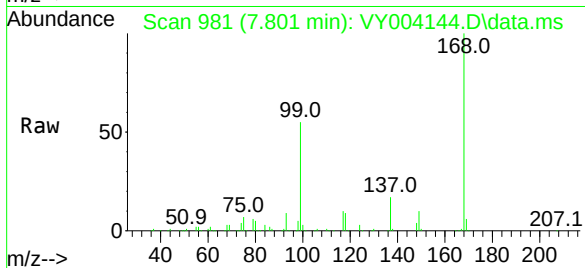
Tgt Ion: 75 Resp: 14314
Ion Ratio Lower Upper
75 100
110 11.0 17.4 52.3#
77 0.0 24.5 36.7#



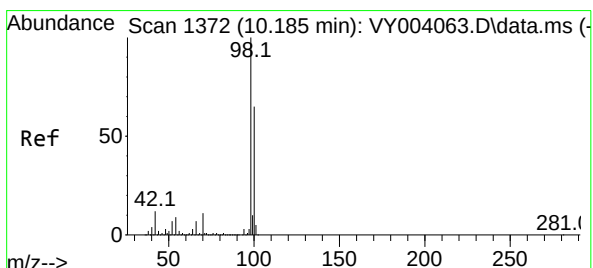
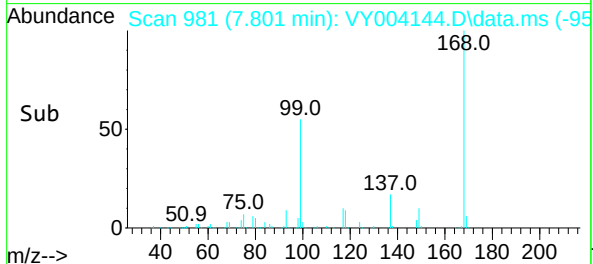
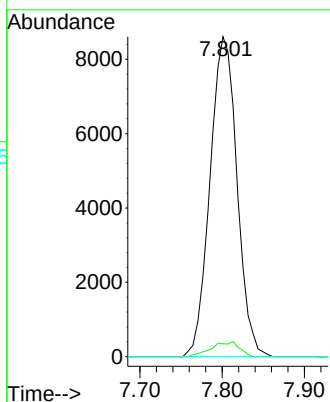


#38
Carbon Tetrachloride
Concen: 6.11 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004144.D
Acq: 19 Mar 2021 18:41

Instrument :
MSVOA_Y
ClientSampleId :
SB-3-18.5-19.0

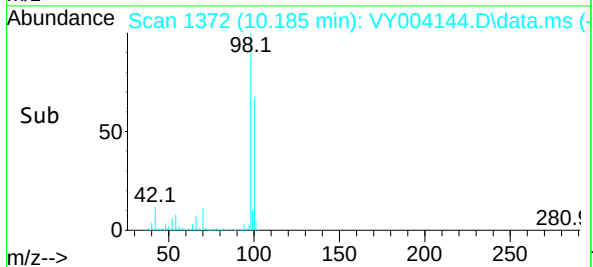
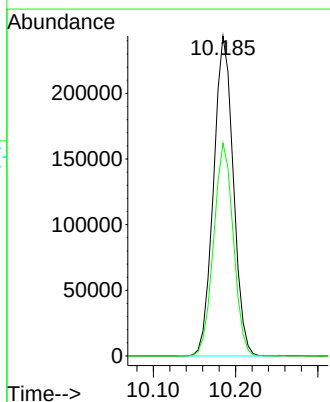
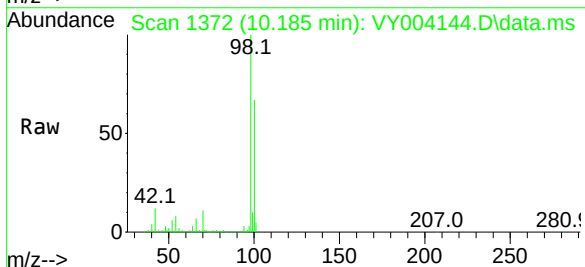


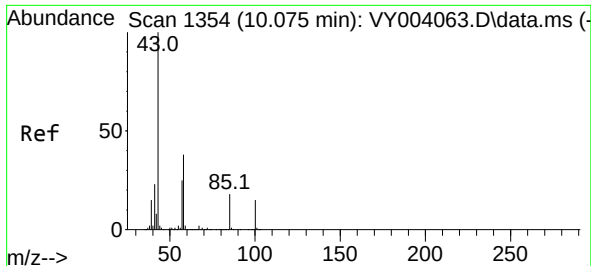
Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.0	75.4	113.0#
121	0.0	24.2	36.2#



#50
Toluene-d8
Concen: 53.31 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004144.D
Acq: 19 Mar 2021 18:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	51.8	77.6

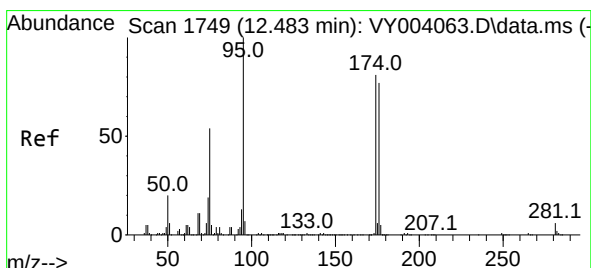
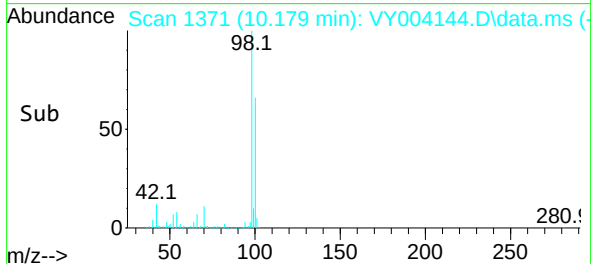
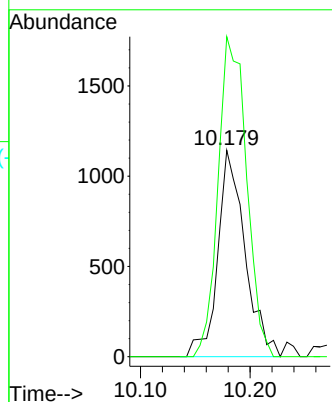
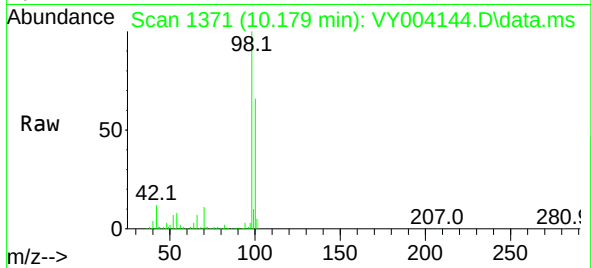




#51
4-Methyl-2-Pentanone
Concen: 1.19 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY004144.D
Acq: 19 Mar 2021 18:41

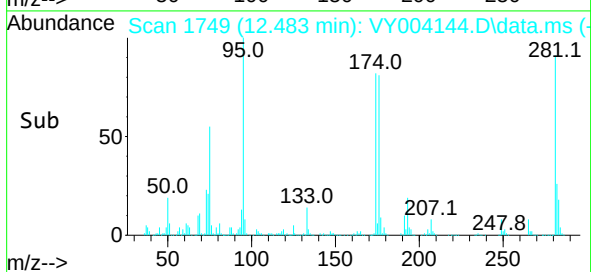
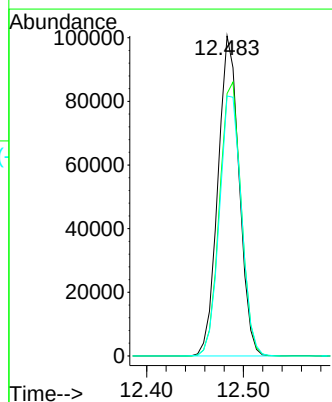
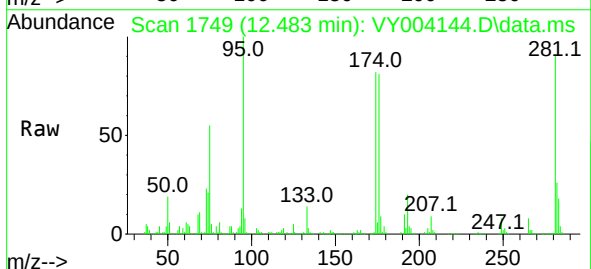
Instrument :
MSVOA_Y
ClientSampleId :
SB-3-18.5-19.0

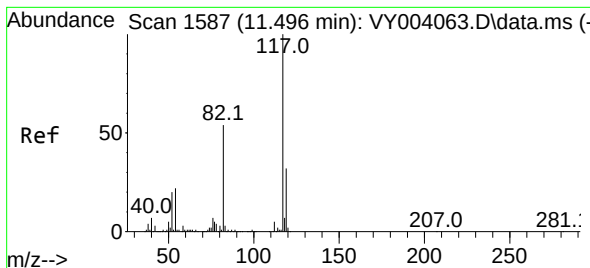
Tgt Ion: 43 Resp: 1978
Ion Ratio Lower Upper
43 100
58 161.6 29.8 44.8#



#62
4-Bromofluorobenzene
Concen: 54.16 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004144.D
Acq: 19 Mar 2021 18:41

Tgt Ion: 95 Resp: 152567
Ion Ratio Lower Upper
95 100
174 87.4 0.0 179.0
176 84.8 0.0 174.4

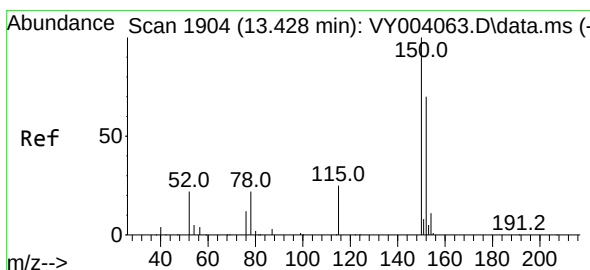
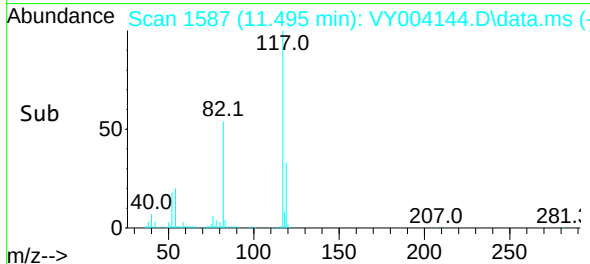
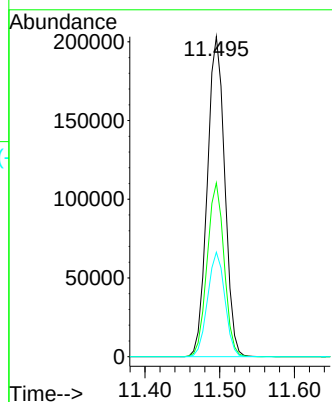
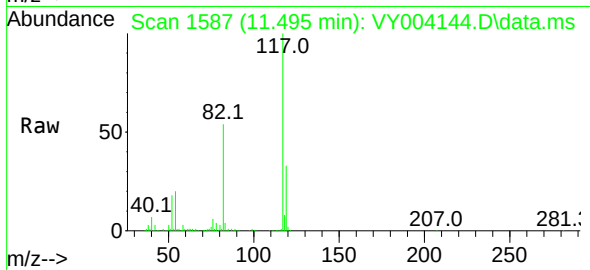




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.001 min
Lab File: VY004144.D
Acq: 19 Mar 2021 18:41

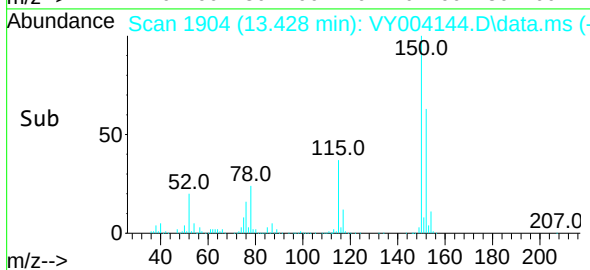
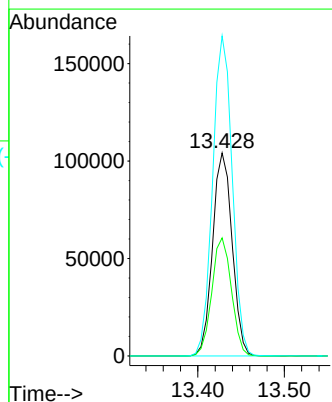
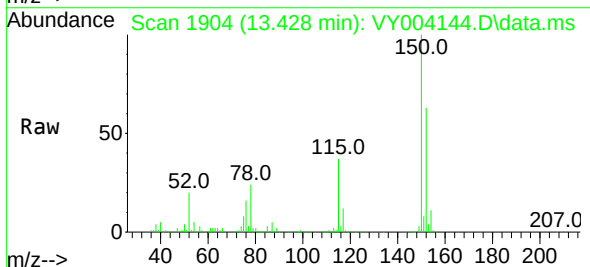
Instrument :
MSVOA_Y
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SB-3-18.5-19.0

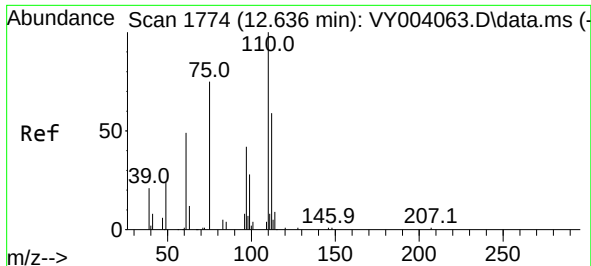
Tgt Ion:	117	Resp:	329336
Ion Ratio	Lower	Upper	
117	100		
82	54.3	43.8	65.6
119	32.6	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004144.D
Acq: 19 Mar 2021 18:41

Tgt Ion:	152	Resp:	163349
Ion Ratio	Lower	Upper	
152	100		
115	58.4	28.2	84.6
150	157.9	0.0	347.2

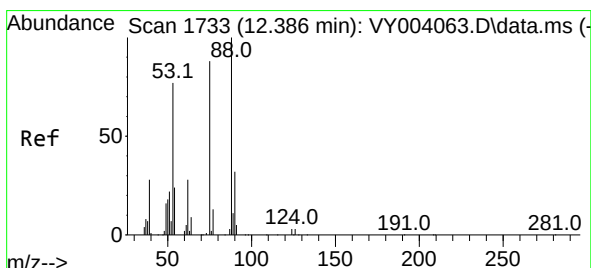
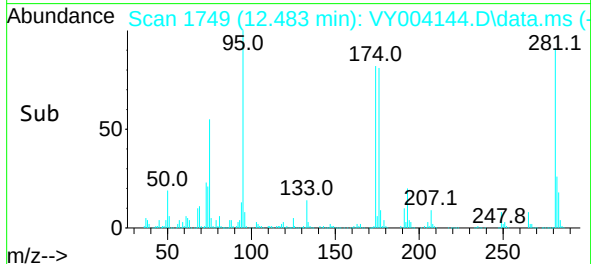
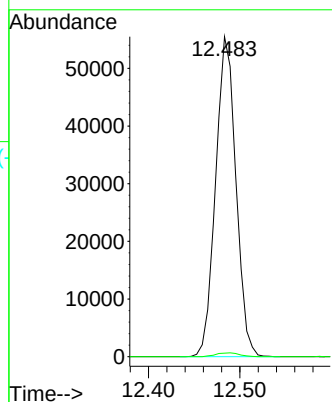
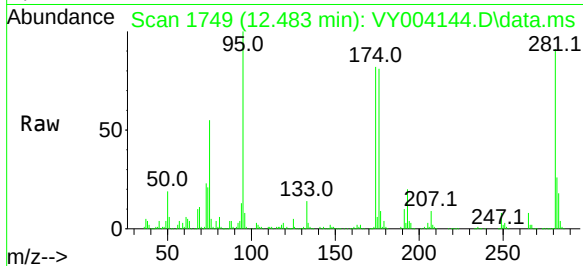




#76
1,2,3-Trichloropropane
Concen: 54.80 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004144.D
Acq: 19 Mar 2021 18:41

Instrument :
MSVOA_Y
ClientSampleId :
SB-3-18.5-19.0

Tgt Ion: 75 Resp: 85835
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.16 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004144.D
Acq: 19 Mar 2021 18:41

Tgt Ion: 75 Resp: 85835
Ion Ratio Lower Upper
75 100
53 0.1 73.5 110.3#
89 2.3 35.7 53.5#

