

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041621\
 Data File : VY004480.D
 Acq On : 16 Apr 2021 19:15
 Operator : SY/MD
 Sample : M2048-10RE
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-0-2.0

Quant Time: Apr 17 00:57:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

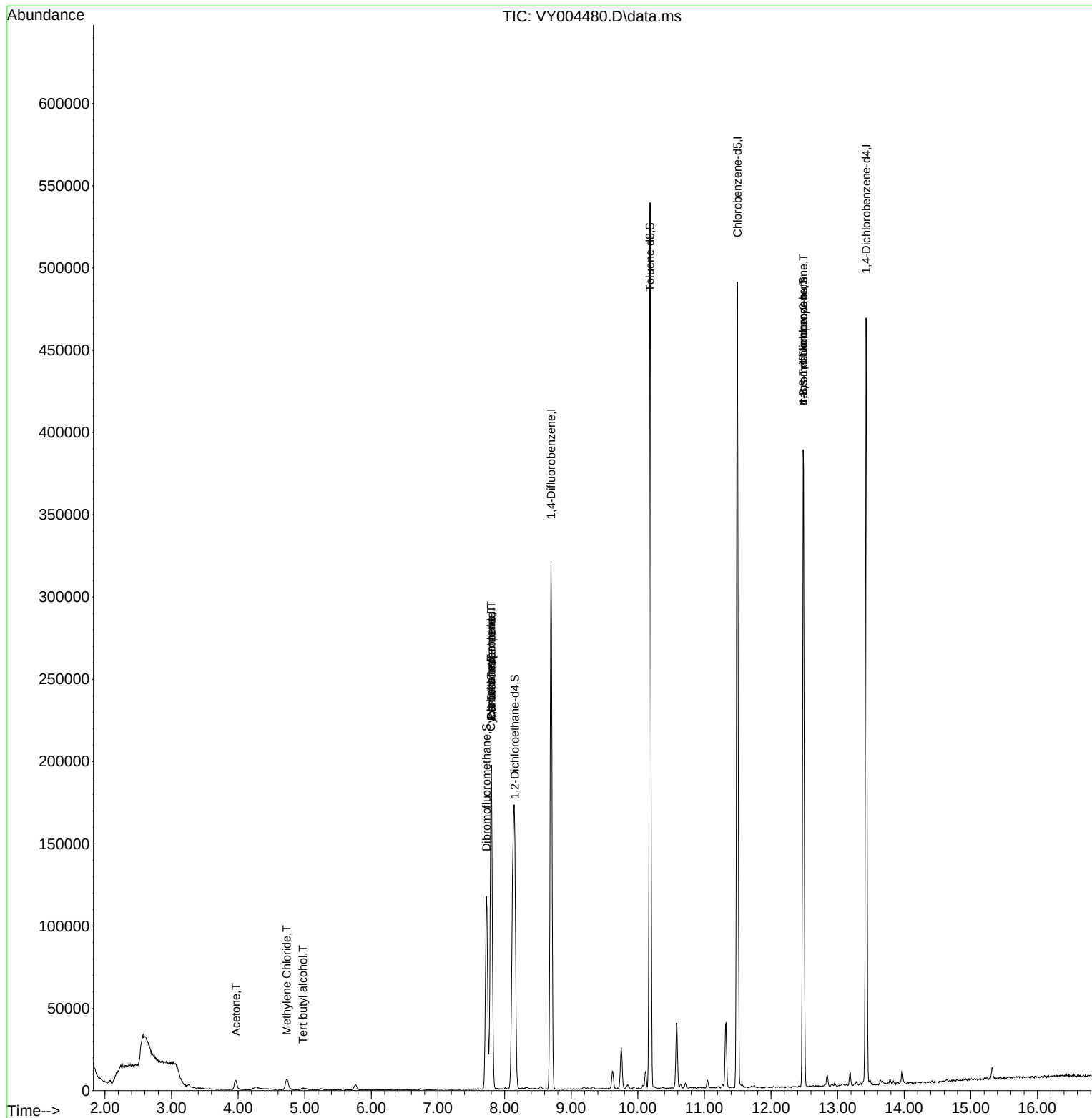
Internal Standards						
1) Pentafluorobenzene	7.801	168	149379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	260924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	248155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112253	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	95082	57.29	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.58%
35) Dibromofluoromethane	7.728	113	79631	54.99	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.98%
50) Toluene-d8	10.184	98	324925	52.75	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.50%
62) 4-Bromofluorobenzene	12.483	95	110068	52.66	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.32%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	2220	13.57	ug/l #	87
16) Acetone	3.966	43	10531	11.55	ug/l	96
20) Methylene Chloride	4.728	84	2485	1.55	ug/l	96
31) Cyclohexane	7.795	56	3650	1.20	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	12114	4.67	ug/l #	51
38) Carbon Tetrachloride	7.801	117	14801	6.60	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	60432	50.16	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	60432	89.73	ug/l #	12

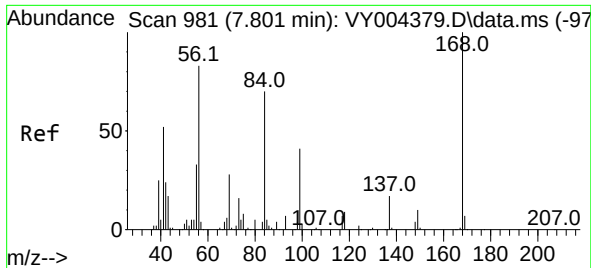
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-04-0-2.0

Quant Time: Apr 17 00:57:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration

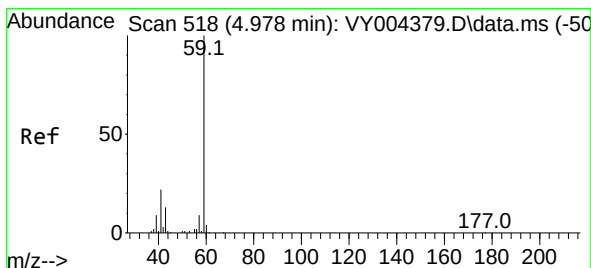
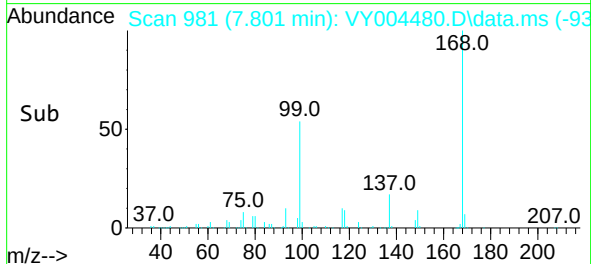
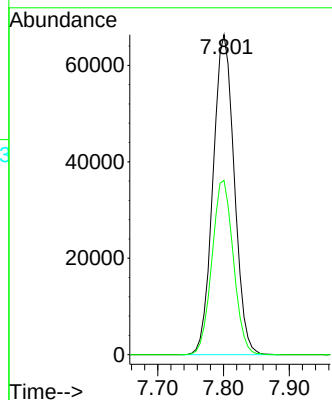
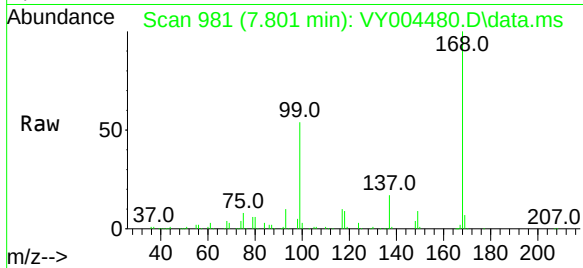




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004480.D
Acq: 16 Apr 2021 19:15

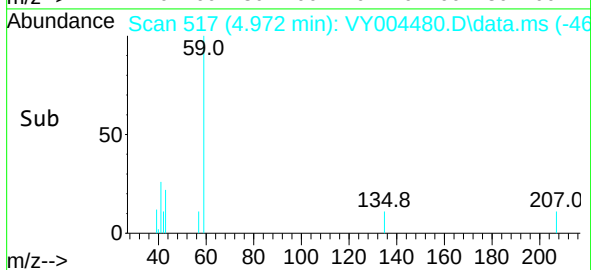
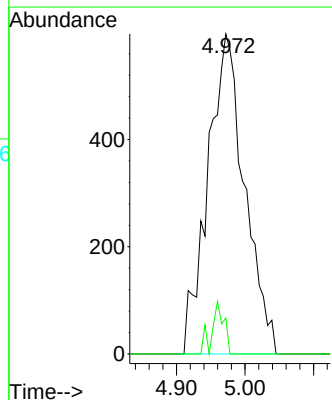
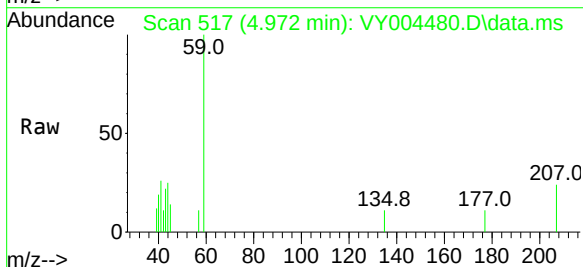
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-0-2.0

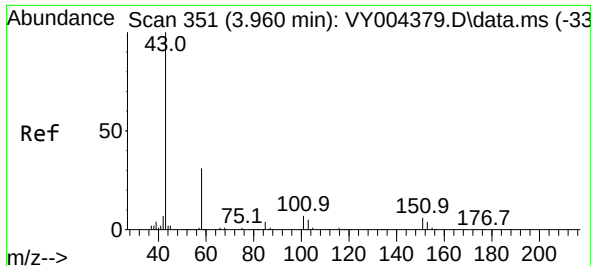
Tgt Ion:168 Resp: 149379
Ion Ratio Lower Upper
168 100
99 54.4 45.5 68.3



#11
Tert butyl alcohol
Concen: 13.57 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004480.D
Acq: 16 Apr 2021 19:15

Tgt Ion: 59 Resp: 2220
Ion Ratio Lower Upper
59 100
57 5.4 8.1 12.1#

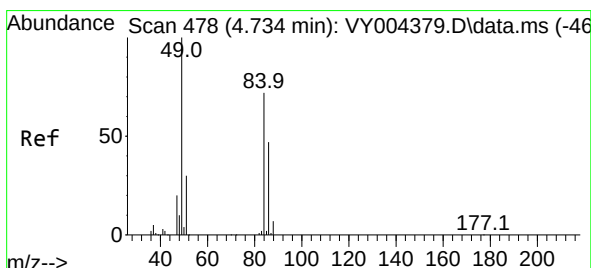
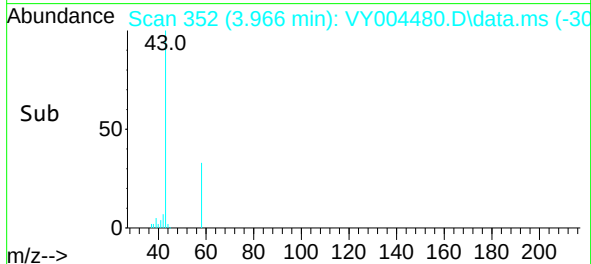
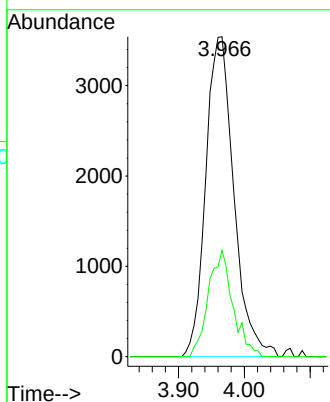
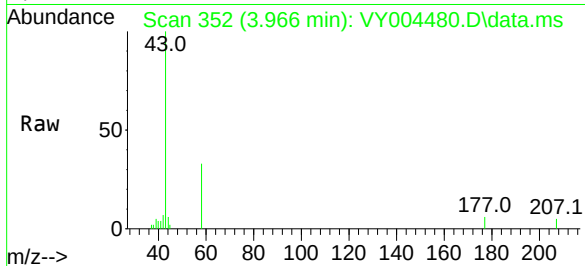




#16
Acetone
Concen: 11.55 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004480.D
Acq: 16 Apr 2021 19:15

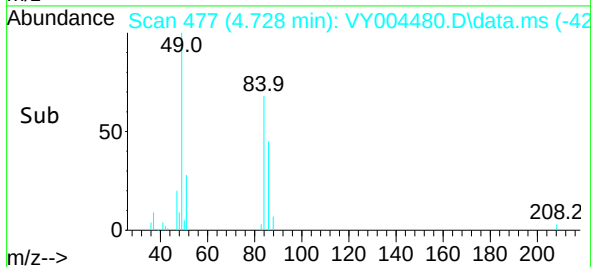
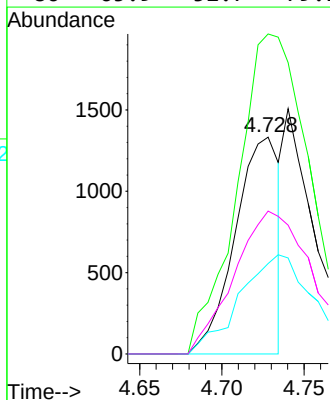
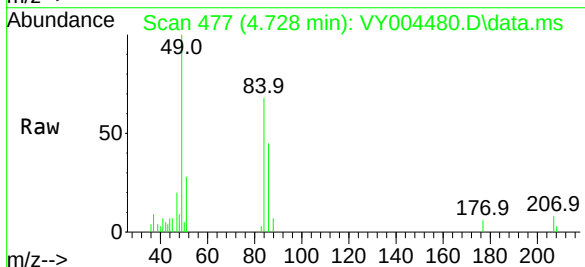
Instrument :
MSVOA_Y
ClientSampled :
SB-04-0-2.0

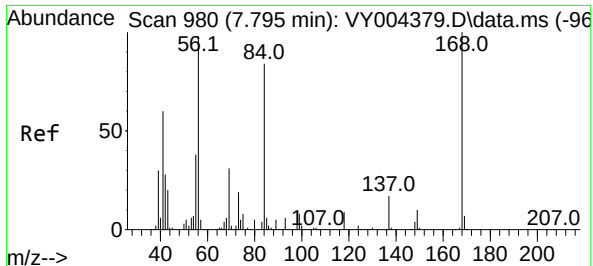
Tgt Ion: 43 Resp: 10531
Ion Ratio Lower Upper
43 100
58 33.2 24.6 37.0



#20
Methylene Chloride
Concen: 1.55 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004480.D
Acq: 16 Apr 2021 19:15

Tgt Ion: 84 Resp: 2485
Ion Ratio Lower Upper
84 100
49 147.6 111.2 166.8
51 41.7 33.4 50.2
86 65.9 52.7 79.1

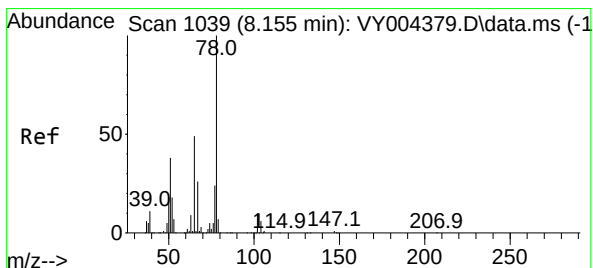
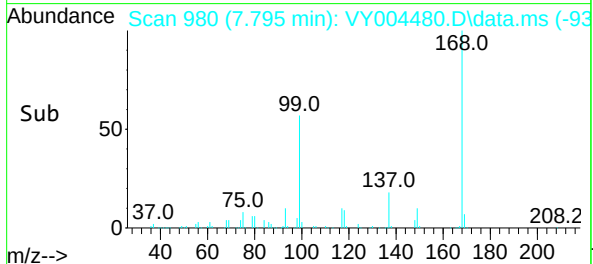
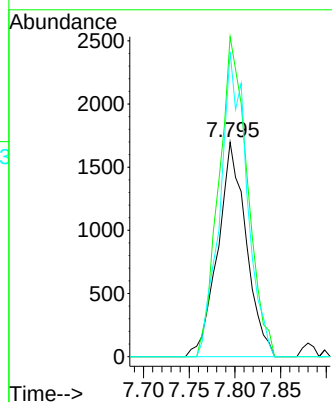
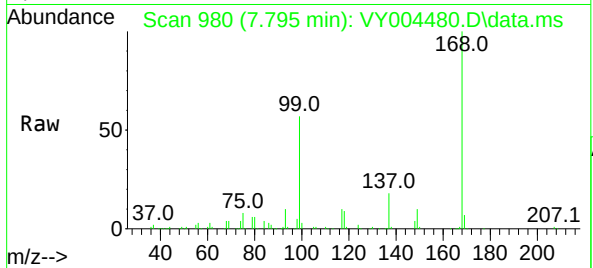




#31
Cyclohexane
Concen: 1.20 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004480.D
Acq: 16 Apr 2021 19:15

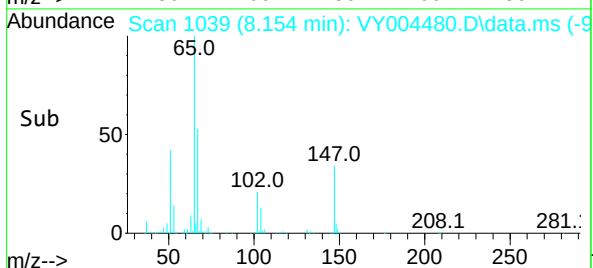
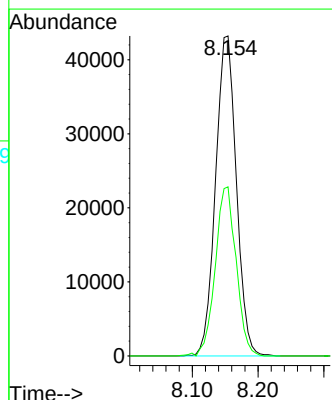
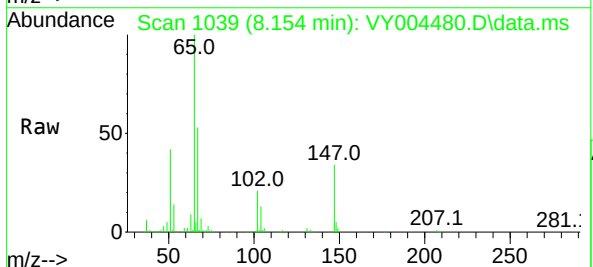
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-0-2.0

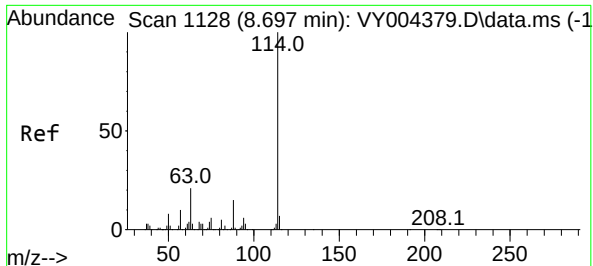
Tgt Ion: 56 Resp: 3650
Ion Ratio Lower Upper
56 100
69 149.3 25.8 38.6#
84 142.2 68.2 102.4#



#33
1,2-Dichloroethane-d4
Concen: 57.29 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004480.D
Acq: 16 Apr 2021 19:15

Tgt Ion: 65 Resp: 95082
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY004480.D

Acq: 16 Apr 2021 19:15

Tgt Ion:114 Resp: 260924

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.4

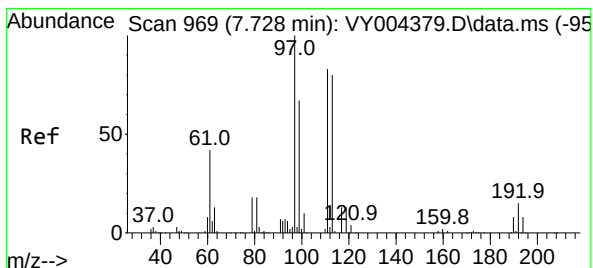
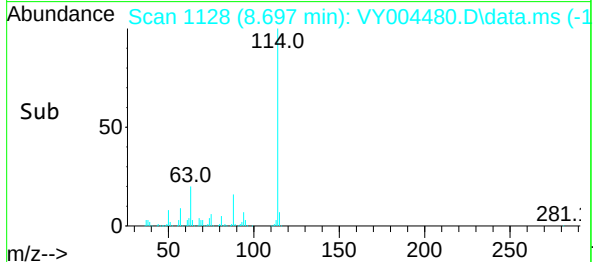
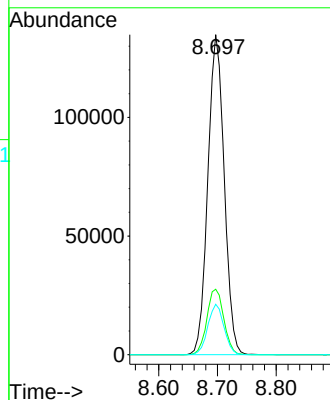
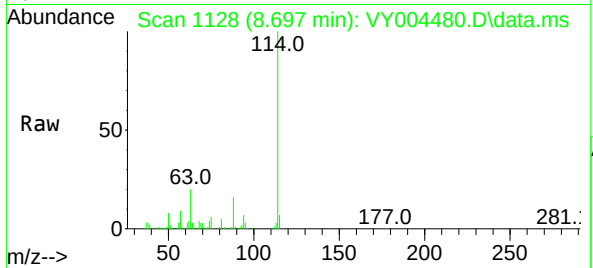
88 15.8 0.0 30.8

Instrument :

MSVOA_Y

ClientSampleId :

SB-04-0-2.0



#35

Dibromofluoromethane

Concen: 54.99 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY004480.D

Acq: 16 Apr 2021 19:15

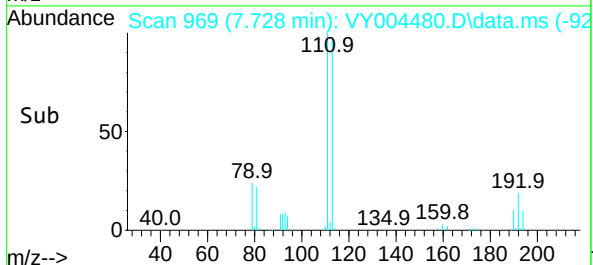
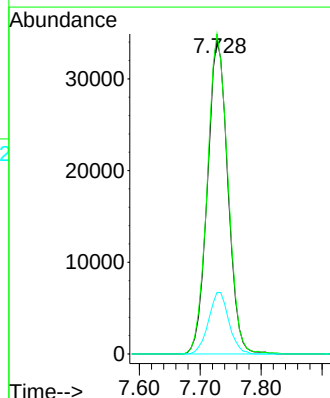
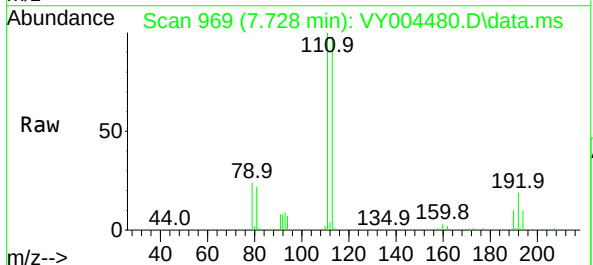
Tgt Ion:113 Resp: 79631

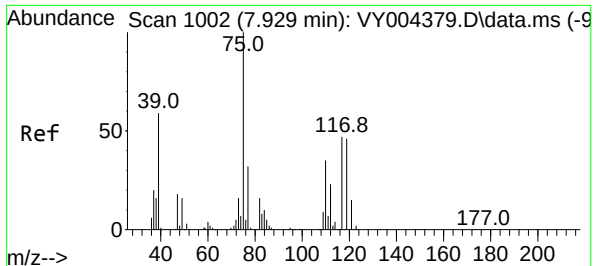
Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

192 19.5 16.1 24.1

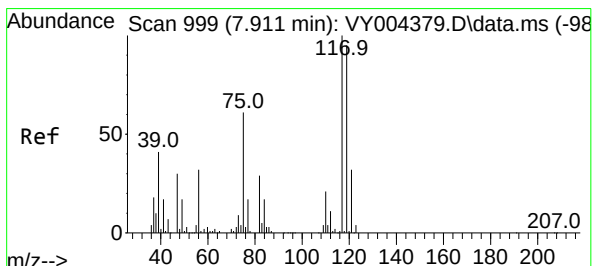
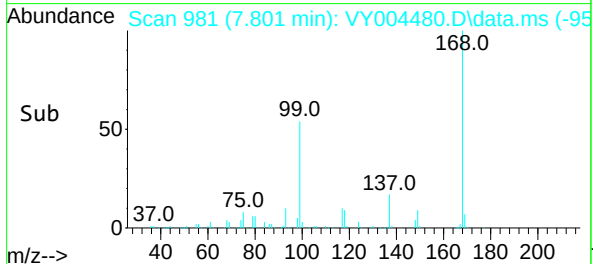
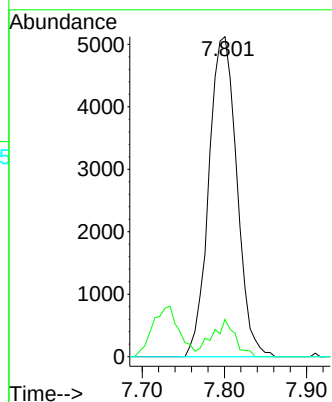
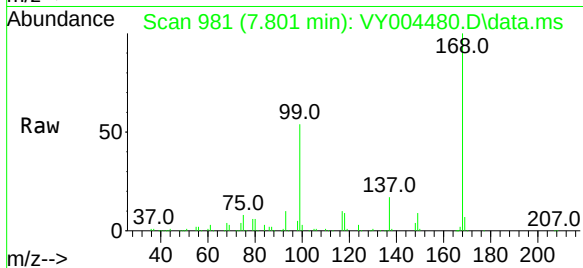




#36
 1,1-Dichloropropene
 Concen: 4.67 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.128 min
 Lab File: VY004480.D
 Acq: 16 Apr 2021 19:15

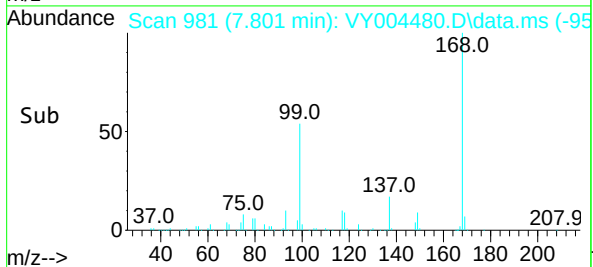
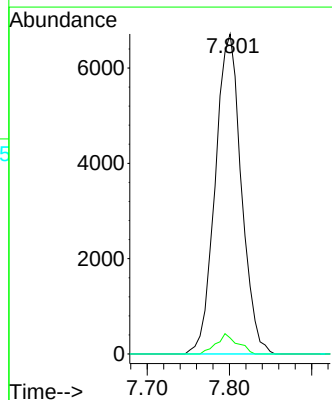
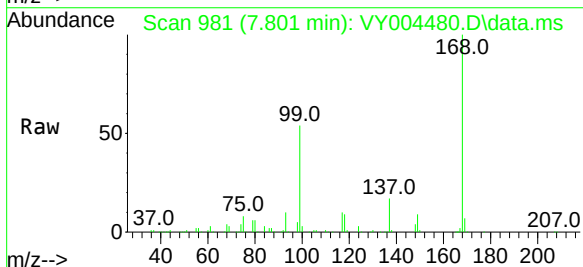
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-0-2.0

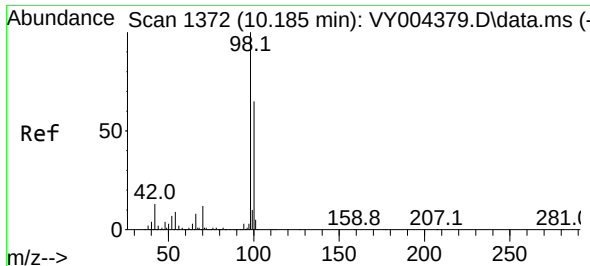
Tgt Ion: 75	Resp: 12114
Ion Ratio	Lower Upper
75 100	
110 9.7	17.3 51.7#
77 0.0	24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.60 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.110 min
 Lab File: VY004480.D
 Acq: 16 Apr 2021 19:15

Tgt Ion: 117	Resp: 14801
Ion Ratio	Lower Upper
117 100	
119 5.0	75.8 113.8#
121 0.0	25.3 37.9#

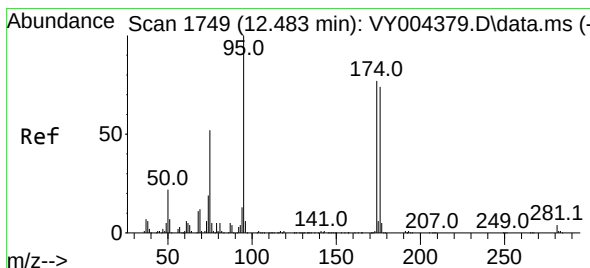
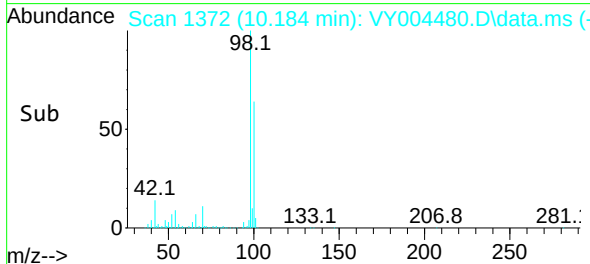
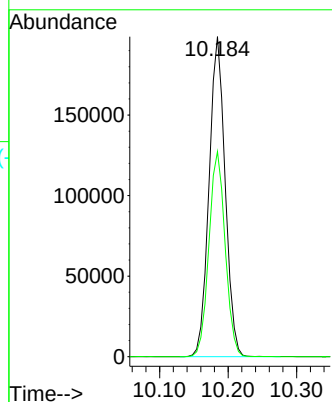
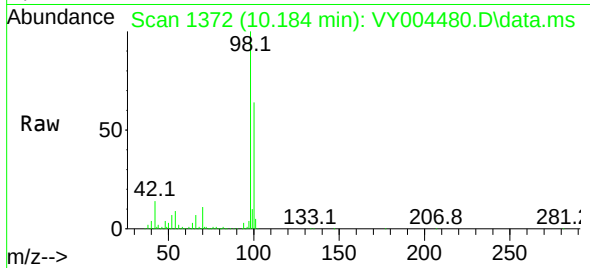




#50
Toluene-d8
Concen: 52.75 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004480.D
Acq: 16 Apr 2021 19:15

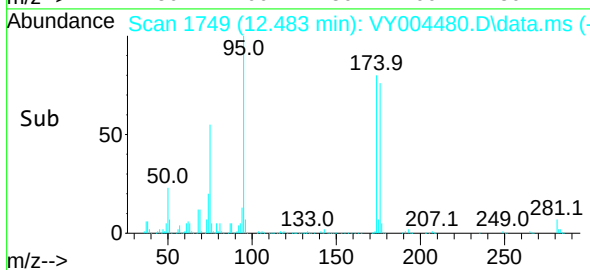
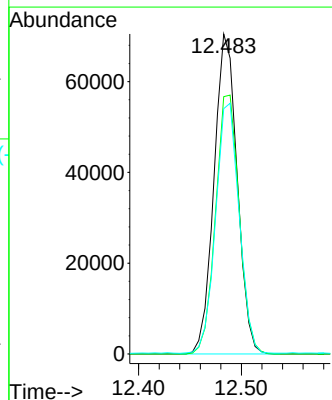
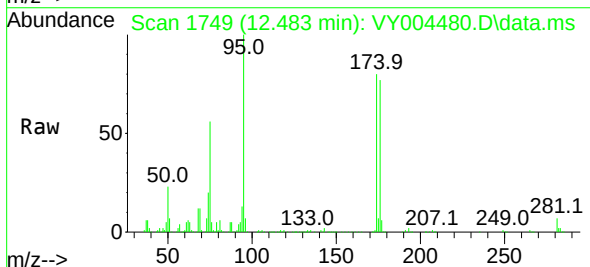
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-0-2.0

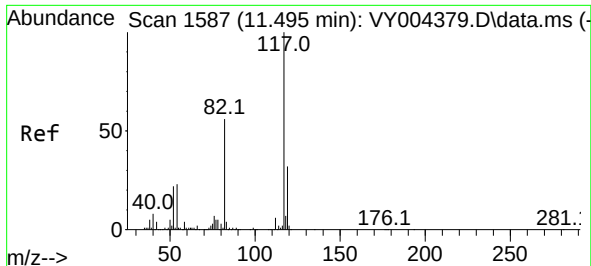
Tgt Ion: 98 Resp: 324925
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.66 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004480.D
Acq: 16 Apr 2021 19:15

Tgt Ion: 95 Resp: 110068
Ion Ratio Lower Upper
95 100
174 82.6 0.0 162.4
176 79.3 0.0 156.0

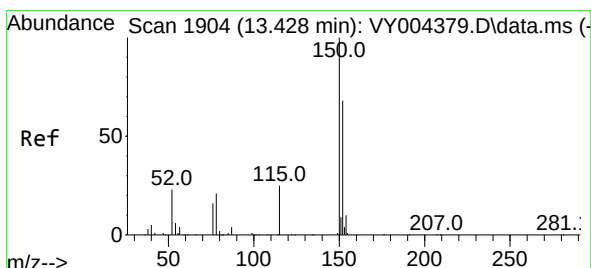
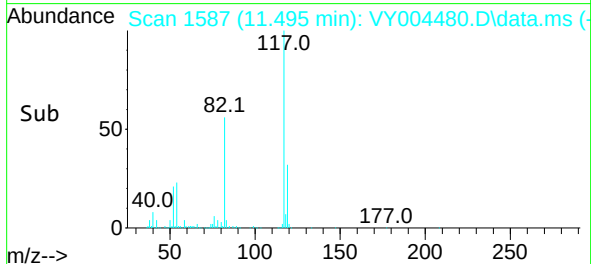
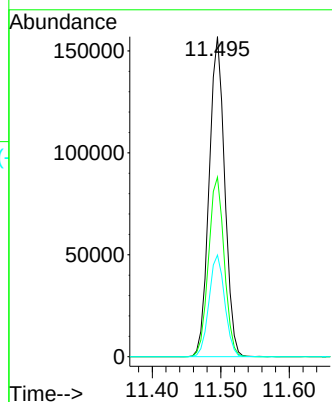
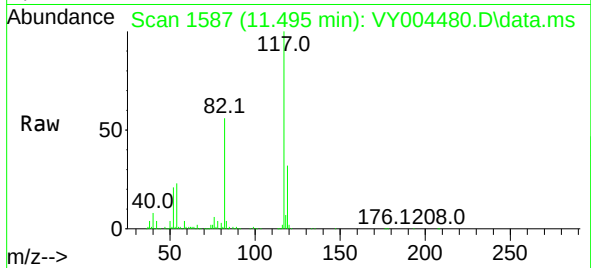




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004480.D
Acq: 16 Apr 2021 19:15

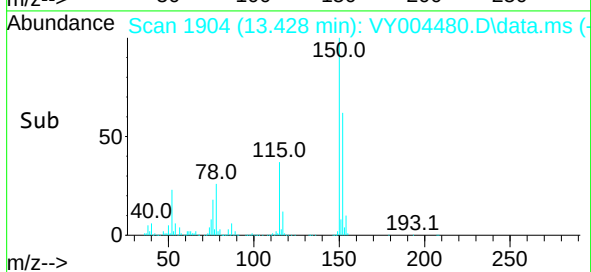
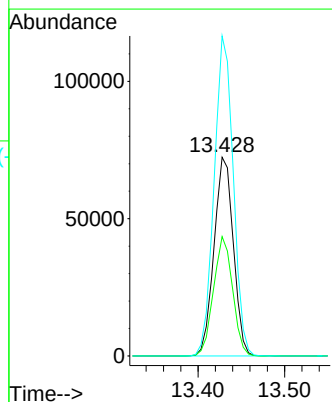
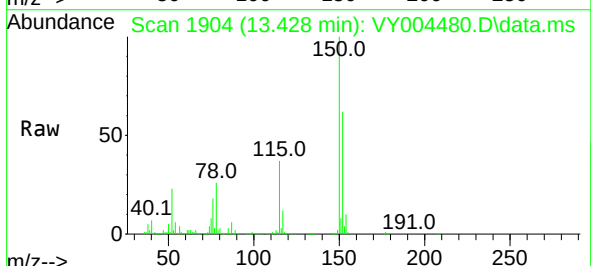
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-0-2.0

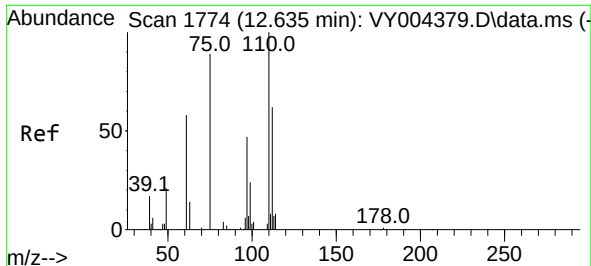
Tgt Ion:	117	Resp:	248155
Ion Ratio	Lower	Upper	
117	100		
82	56.1	44.9	67.3
119	31.7	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004480.D
Acq: 16 Apr 2021 19:15

Tgt Ion:	152	Resp:	112253
Ion Ratio	Lower	Upper	
152	100		
115	59.2	29.6	88.8
150	159.1	0.0	348.4

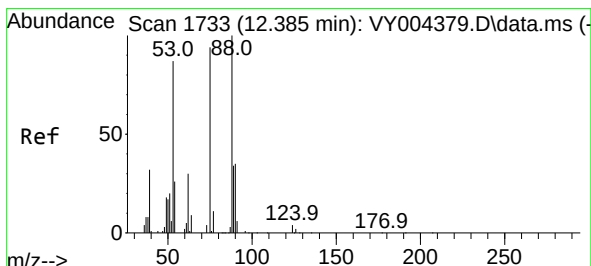
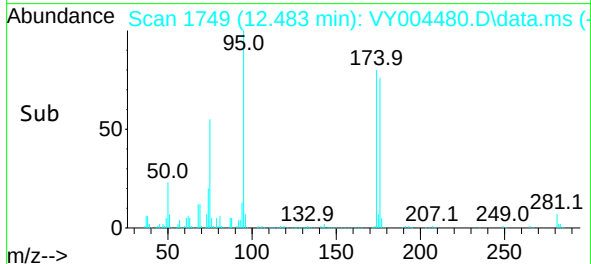
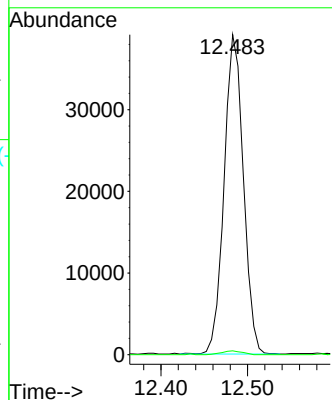
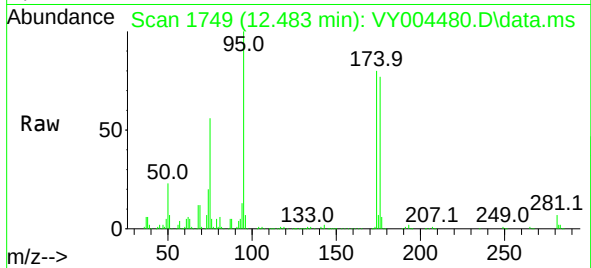




#76
1,2,3-Trichloropropane
Concen: 50.16 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004480.D
Acq: 16 Apr 2021 19:15

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-0-2.0

Tgt Ion: 75 Resp: 60432
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.73 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004480.D
Acq: 16 Apr 2021 19:15

Tgt Ion: 75 Resp: 60432
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.3 36.1 54.1#

