

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032421\
 Data File : VY004183.D
 Acq On : 24 Mar 2021 13:15
 Operator : SY/MD
 Sample : M1777-01
 Misc : 5.05g/5mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 25 01:19:06 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	187502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	317855	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	291877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139366	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	103257	55.80	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.60%
35) Dibromofluoromethane	7.728	113	96125	53.63	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.26%
50) Toluene-d8	10.185	98	376682	53.60	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.20%
62) 4-Bromofluorobenzene	12.483	95	131692	50.74	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.48%

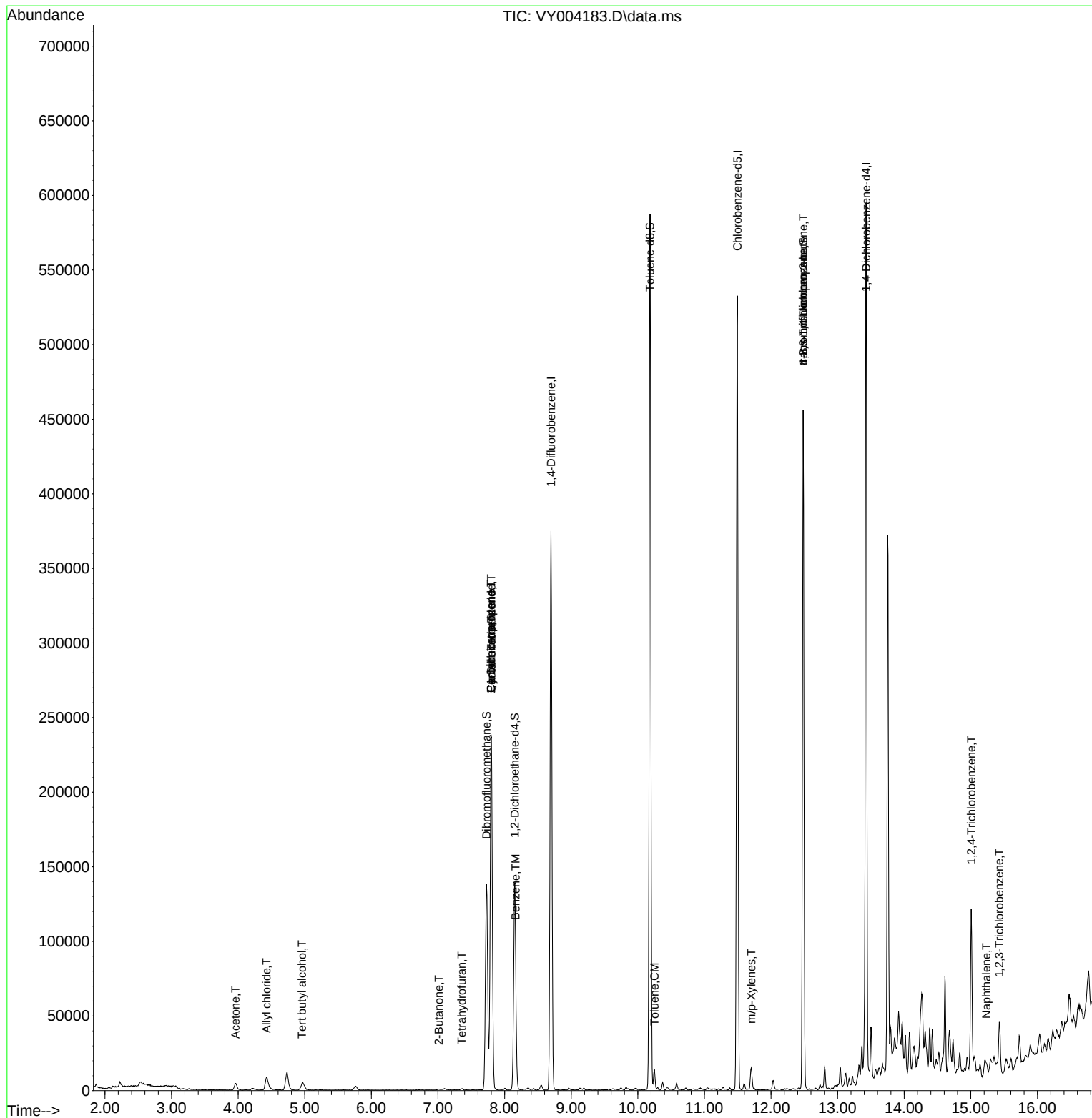
Target Compounds					Qvalue
3) Chloromethane	2.113	50	788	Below Cal	# 80
11) Tert butyl alcohol	4.960	59	10123	60.51 ug/l	96
14) Allyl chloride	4.424	41	15415	5.65 ug/l	# 42
16) Acetone	3.960	43	8200	18.36 ug/l	# 86
25) 2-Butanone	7.015	43	760	1.18 ug/l	# 51
29) Tetrahydrofuran	7.356	42	505	1.21 ug/l	# 84
31) Cyclohexane	7.801	56	3989	1.23 ug/l	# 14
36) 1,1-Dichloropropene	7.795	75	14099	5.05 ug/l	# 51
38) Carbon Tetrachloride	7.801	117	18563	6.27 ug/l	# 16
40) Benzene	8.167	78	11495	1.46 ug/l	98
52) Toluene	10.252	92	5586	1.10 ug/l	90
68) m/p-Xylenes	11.703	106	4490	1.15 ug/l	90
76) 1,2,3-Trichloropropane	12.483	75	70029	52.40 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	70029	103.43 ug/l	# 13
93) 1,2,4-Trichlorobenzene	15.007	180	32002	12.32 ug/l	96
95) Naphthalene	15.233	128	5306	1.03 ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	7368	3.37 ug/l	# 85

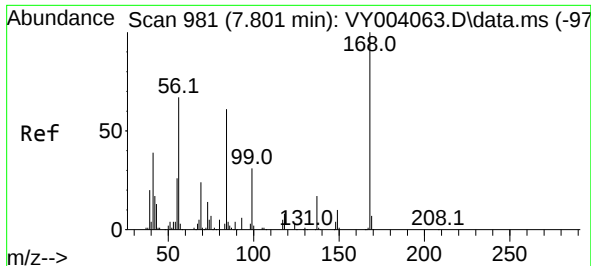
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032421\
Data File : VY004183.D
Acq On : 24 Mar 2021 13:15
Operator : SY/MD
Sample : M1777-01
Misc : 5.05g/5mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Mar 25 01:19:06 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

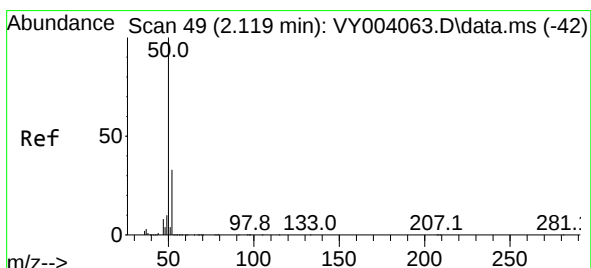
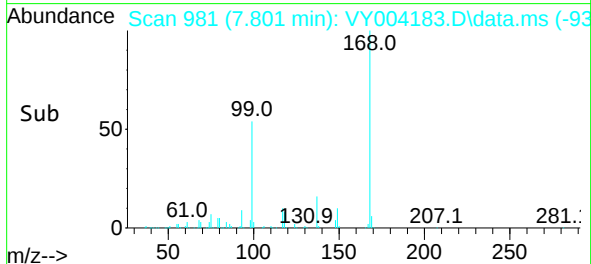
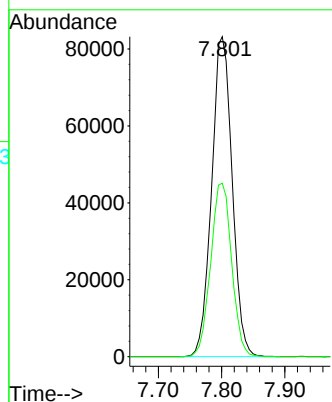
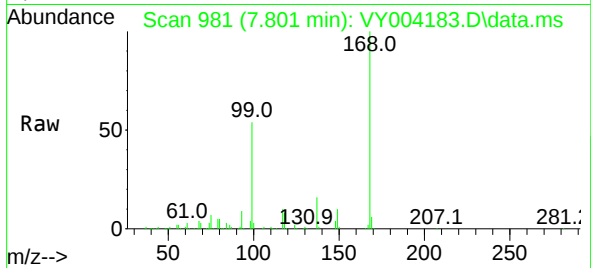




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004183.D
Acq: 24 Mar 2021 13:15

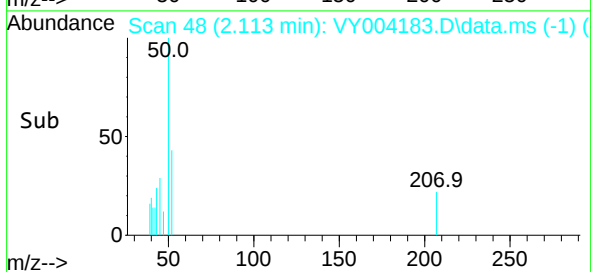
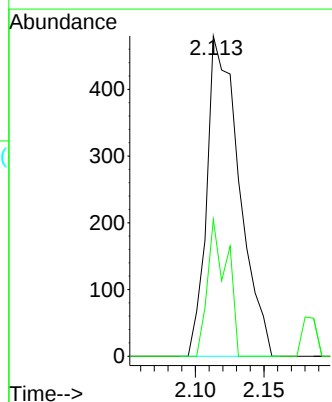
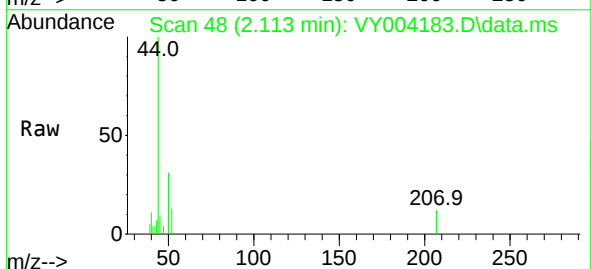
Instrument :
MSVOA_Y
ClientSampled :

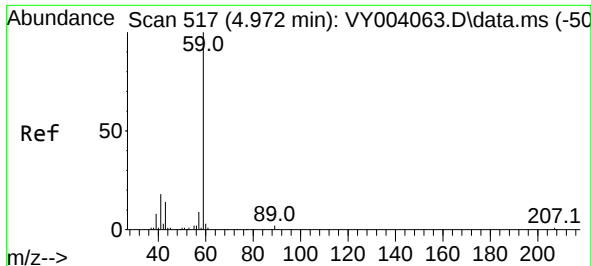
Tgt Ion:168 Resp: 187502
Ion Ratio Lower Upper
168 100
99 54.2 41.2 61.8



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY004183.D
Acq: 24 Mar 2021 13:15

Tgt Ion: 50 Resp: 788
Ion Ratio Lower Upper
50 100
52 42.7 25.4 38.2#



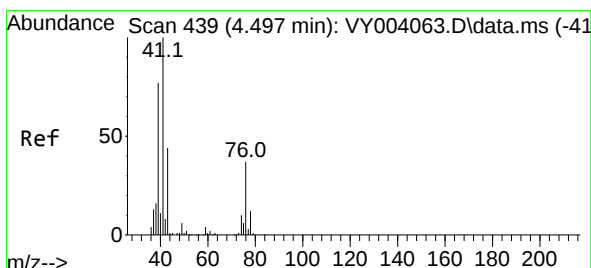
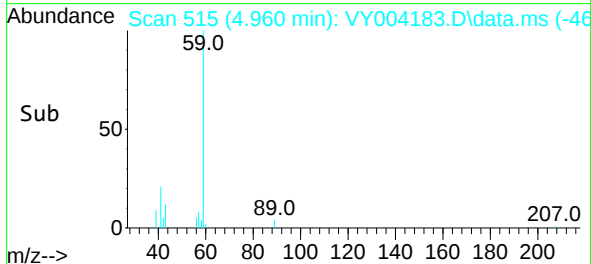
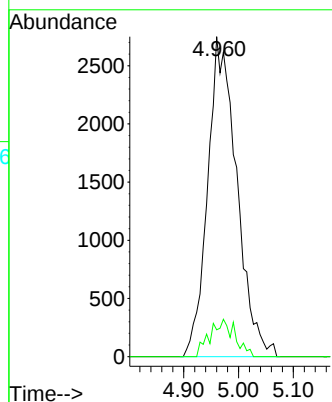
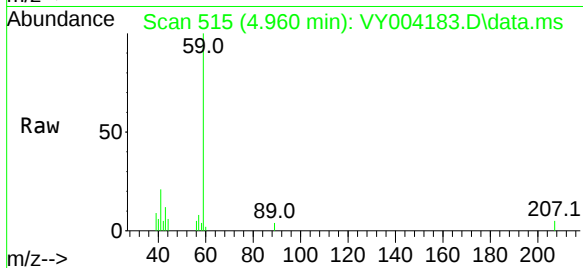


#11

Tert butyl alcohol
Concen: 60.51 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY004183.D
Acq: 24 Mar 2021 13:15

Instrument :
MSVOA_Y
ClientSampled :

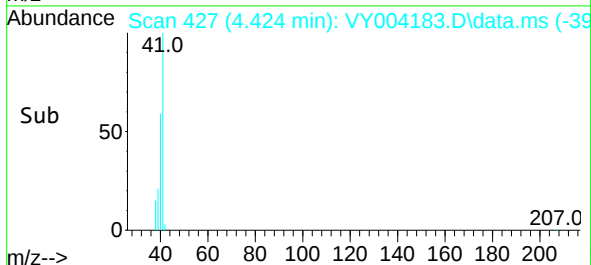
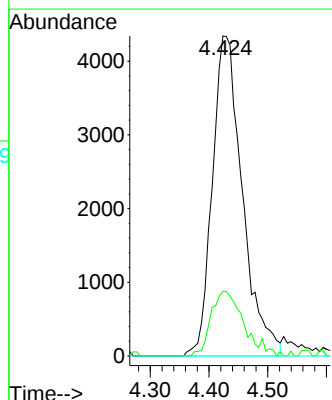
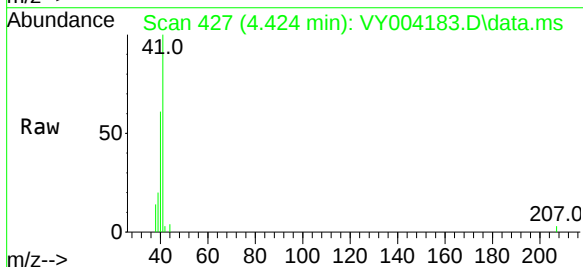
Tgt Ion: 59 Resp: 10123
Ion Ratio Lower Upper
59 100
57 10.0 6.9 10.3

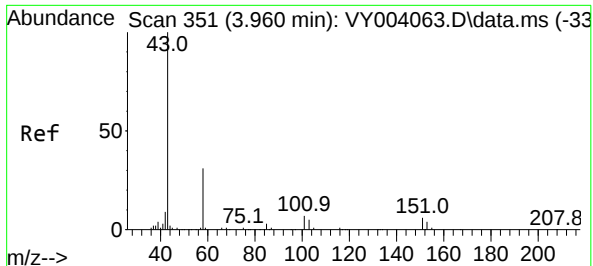


#14

Allyl chloride
Concen: 5.65 ug/l
RT: 4.424 min Scan# 427
Delta R.T. -0.073 min
Lab File: VY004183.D
Acq: 24 Mar 2021 13:15

Tgt Ion: 41 Resp: 15415
Ion Ratio Lower Upper
41 100
39 20.7 54.0 81.0#
76 0.0 26.1 39.1#





#16

Acetone

Concen: 18.36 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.000 min

Lab File: VY004183.D

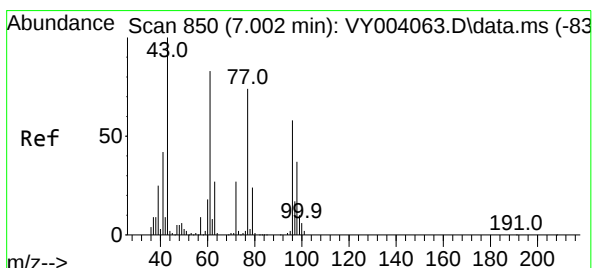
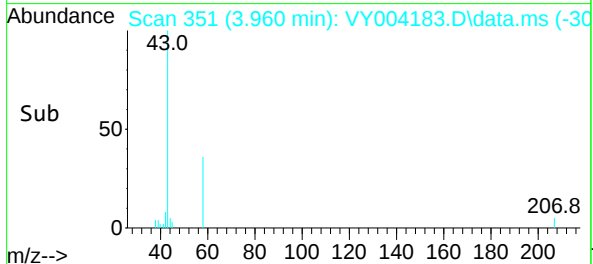
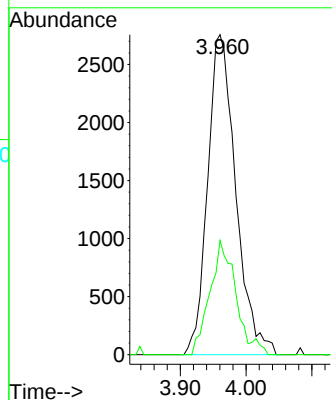
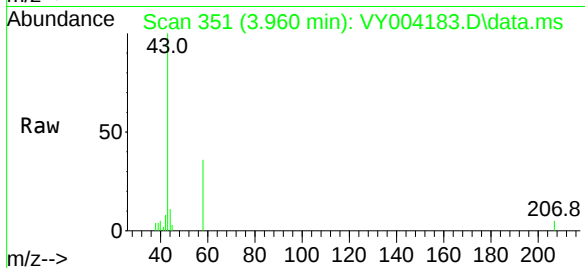
Acq: 24 Mar 2021 13:15

Tgt Ion: 43 Resp: 8200

Ion Ratio Lower Upper

43 100

58 35.7 22.6 34.0#



#25

2-Butanone

Concen: 1.18 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.013 min

Lab File: VY004183.D

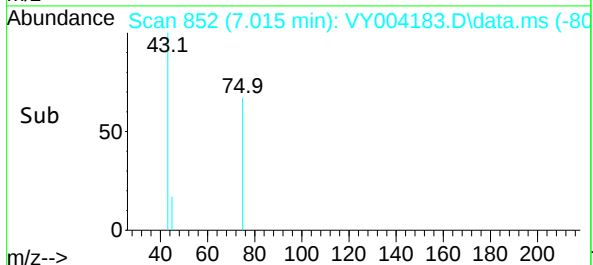
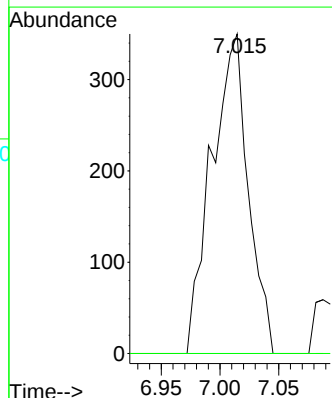
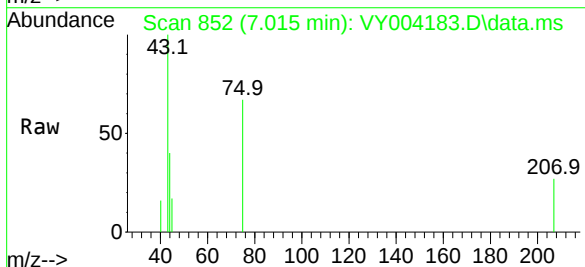
Acq: 24 Mar 2021 13:15

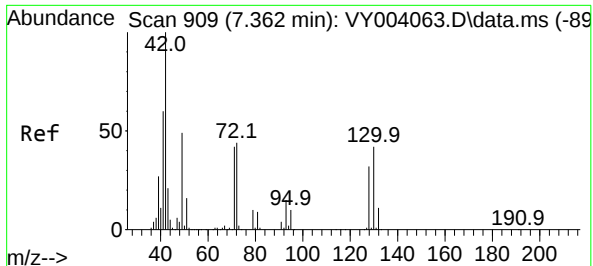
Tgt Ion: 43 Resp: 760

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.0#





#29

Tetrahydrofuran

Concen: 1.21 ug/l

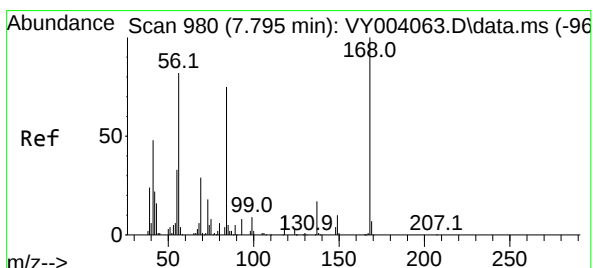
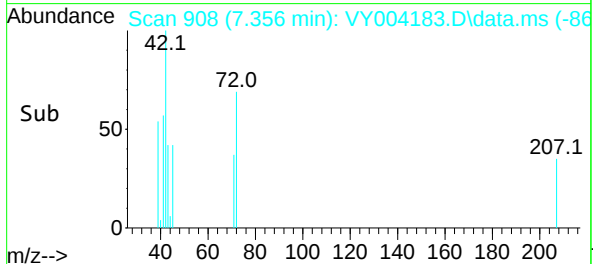
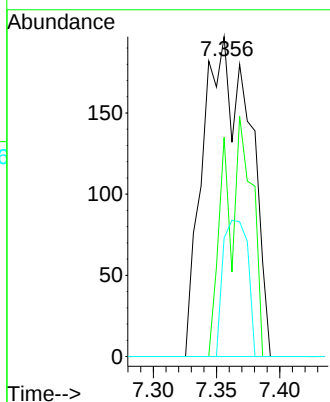
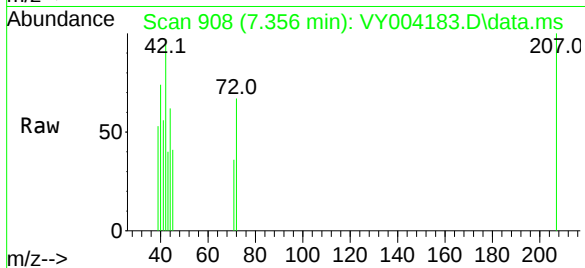
RT: 7.356 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY004183.D

Acq: 24 Mar 2021 13:15

Tgt Ion:	42	Resp:	505
Ion	Ratio	Lower	Upper
42	100		
72	43.8	32.6	48.8
71	22.6	31.0	46.6#



#31

Cyclohexane

Concen: 1.23 ug/l

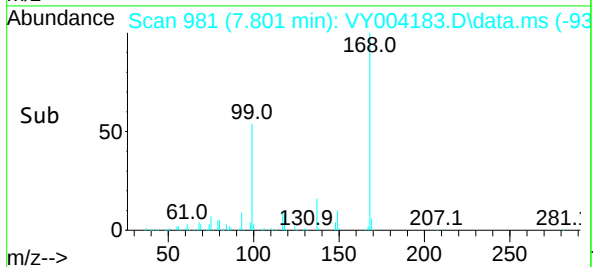
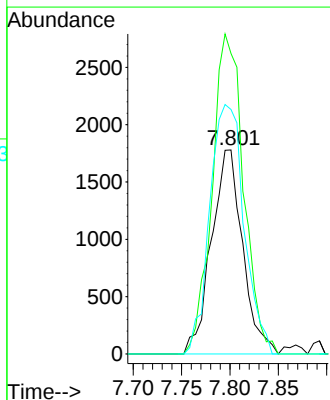
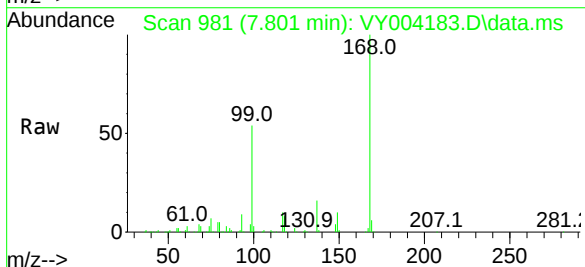
RT: 7.801 min Scan# 981

Delta R.T. 0.006 min

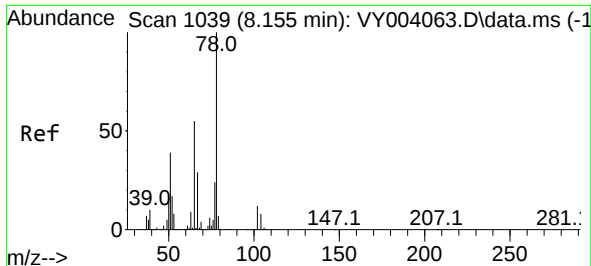
Lab File: VY004183.D

Acq: 24 Mar 2021 13:15

Tgt Ion:	56	Resp:	3989
Ion	Ratio	Lower	Upper
56	100		
69	147.3	25.3	37.9#
84	119.8	67.3	100.9#



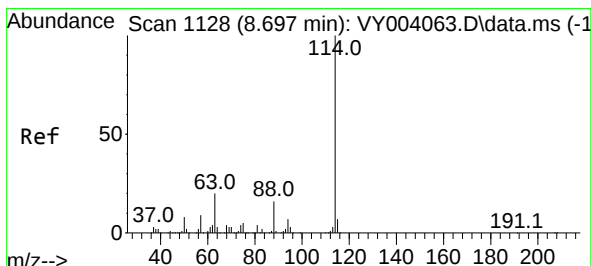
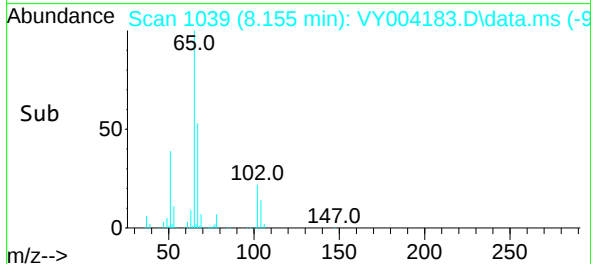
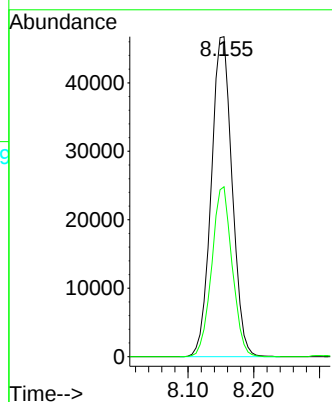
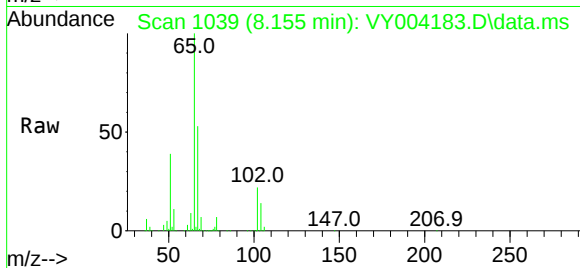
Instrument :
MSVOA_Y
ClientSampled :



#33
1,2-Dichloroethane-d4
Concen: 55.80 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004183.D
Acq: 24 Mar 2021 13:15

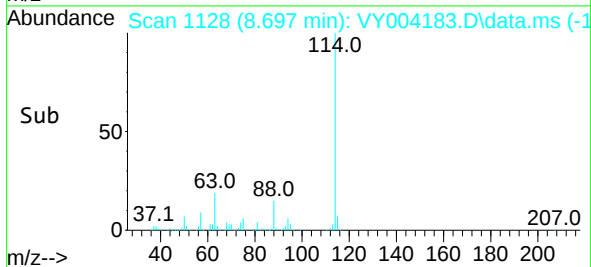
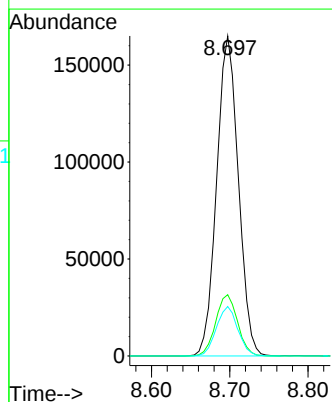
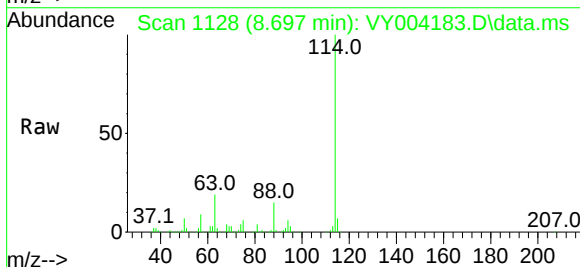
Instrument :
MSVOA_Y
ClientSampled :

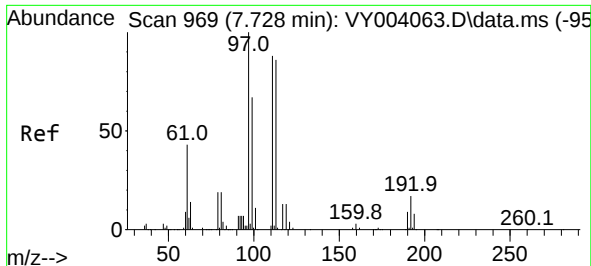
Tgt Ion: 65 Resp: 103257
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004183.D
Acq: 24 Mar 2021 13:15

Tgt Ion: 114 Resp: 317855
Ion Ratio Lower Upper
114 100
63 19.2 0.0 41.6
88 15.4 0.0 31.4

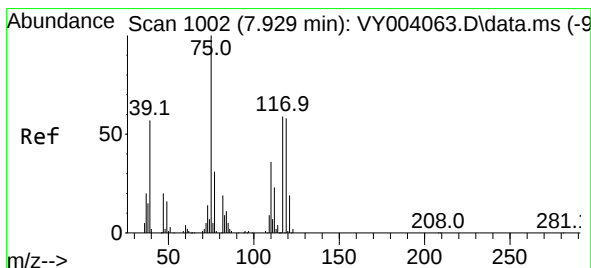
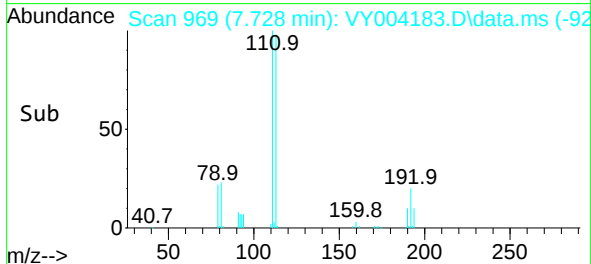
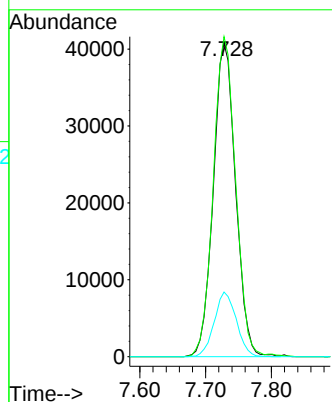
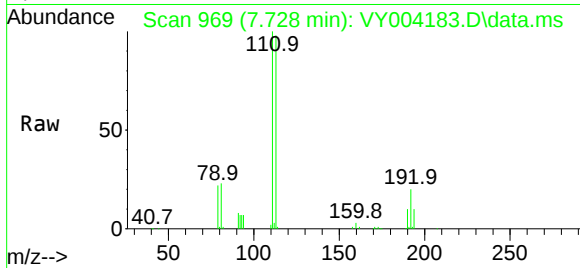




#35
Dibromofluoromethane
Concen: 53.63 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004183.D
Acq: 24 Mar 2021 13:15

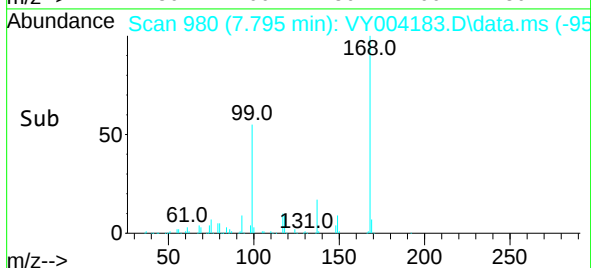
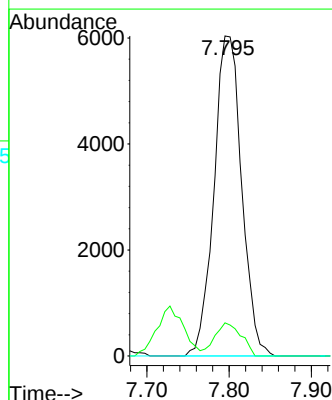
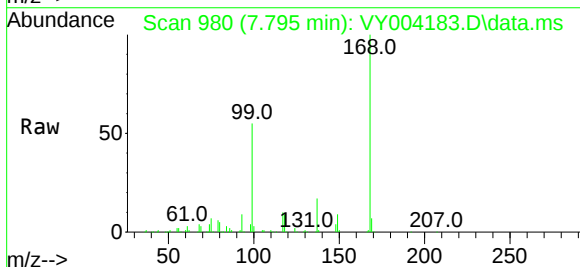
Instrument :
MSVOA_Y
ClientSampleId :

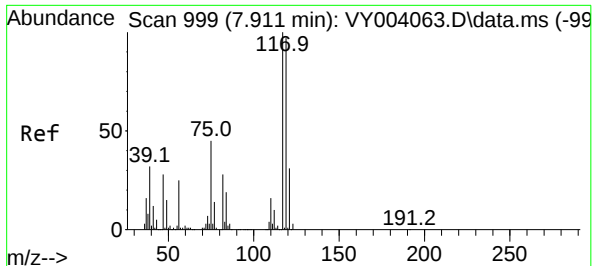
Tgt Ion:113 Resp: 96125
Ion Ratio Lower Upper
113 100
111 102.6 83.2 124.8
192 20.4 18.5 27.7



#36
1,1-Dichloropropene
Concen: 5.05 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004183.D
Acq: 24 Mar 2021 13:15

Tgt Ion: 75 Resp: 14099
Ion Ratio Lower Upper
75 100
110 9.9 17.4 52.3#
77 0.0 24.5 36.7#

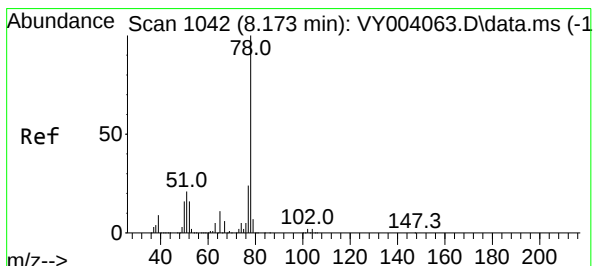
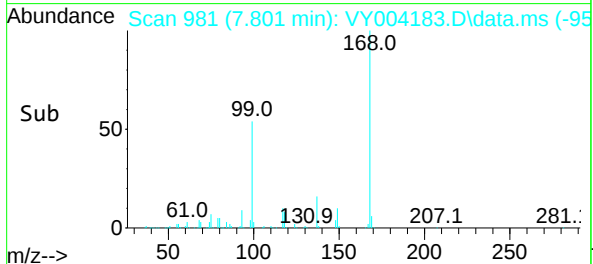
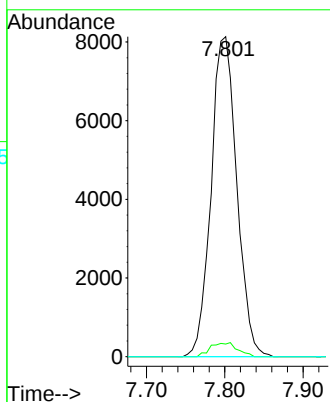
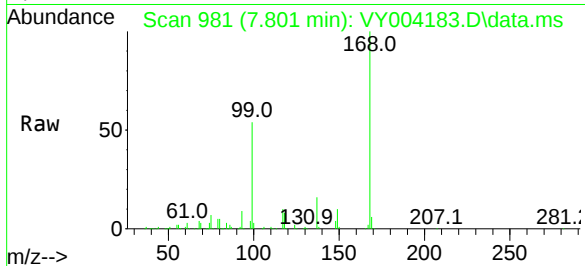




#38
Carbon Tetrachloride
Concen: 6.27 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004183.D
Acq: 24 Mar 2021 13:15

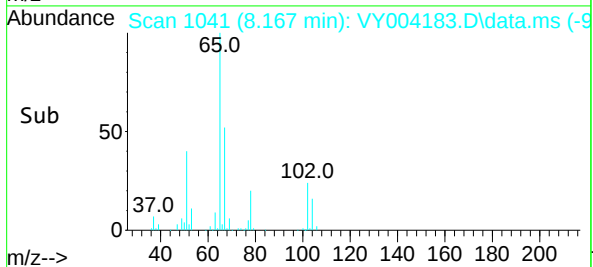
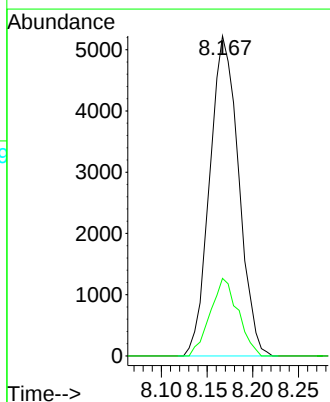
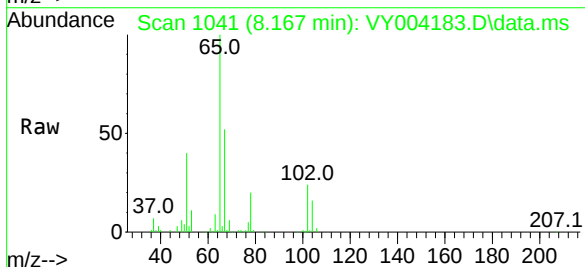
Instrument :
MSVOA_Y
ClientSampled :

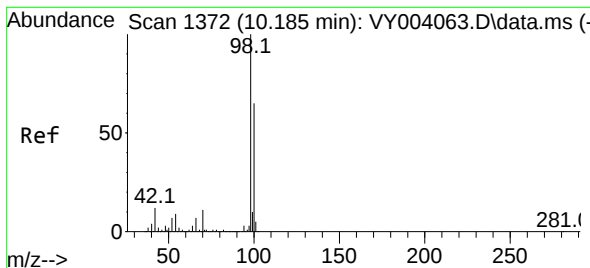
Tgt Ion:117 Resp: 18563
Ion Ratio Lower Upper
117 100
119 4.0 75.4 113.0#
121 0.0 24.2 36.2#



#40
Benzene
Concen: 1.46 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY004183.D
Acq: 24 Mar 2021 13:15

Tgt Ion: 78 Resp: 11495
Ion Ratio Lower Upper
78 100
77 24.2 20.1 30.1

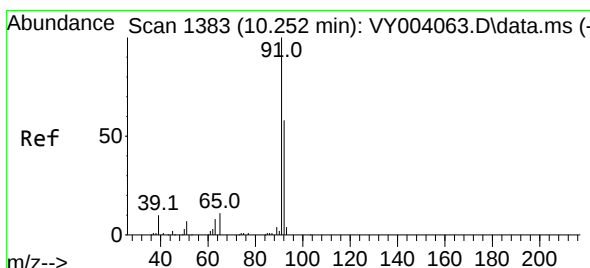
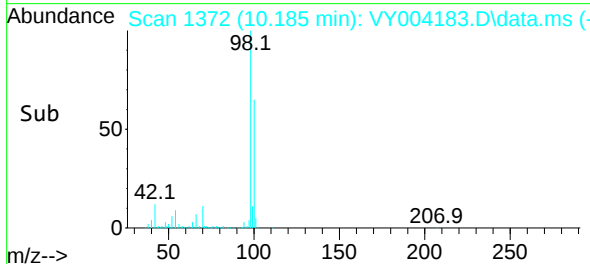
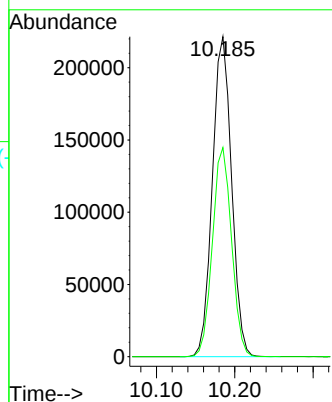
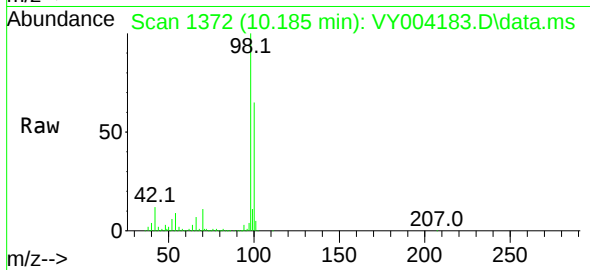




#50
Toluene-d8
Concen: 53.60 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004183.D
Acq: 24 Mar 2021 13:15

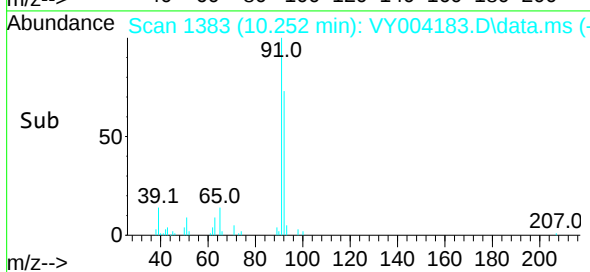
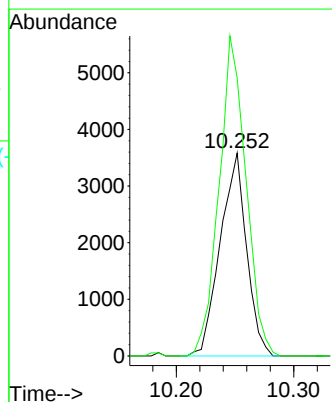
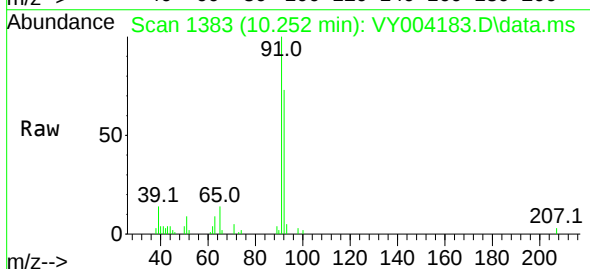
Instrument :
MSVOA_Y
ClientSampled :

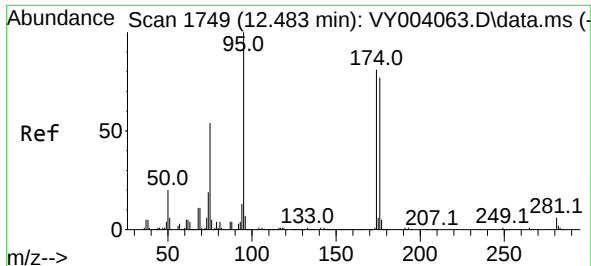
Tgt Ion: 98 Resp: 376682
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6



#52
Toluene
Concen: 1.10 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY004183.D
Acq: 24 Mar 2021 13:15

Tgt Ion: 92 Resp: 5586
Ion Ratio Lower Upper
92 100
91 161.6 141.0 211.4

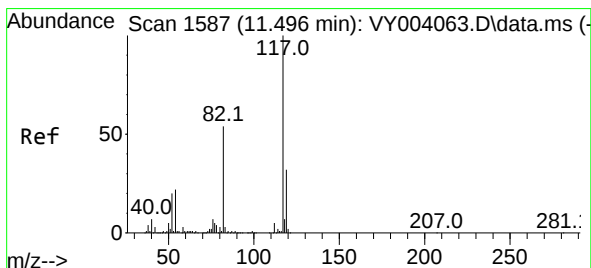
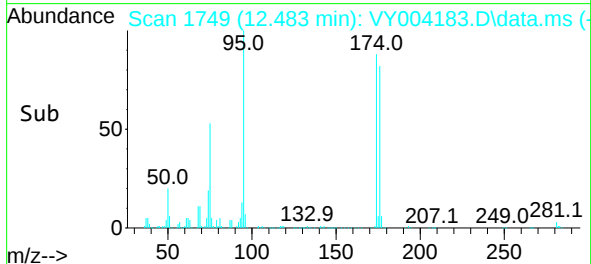
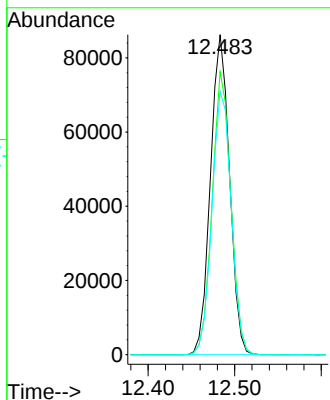
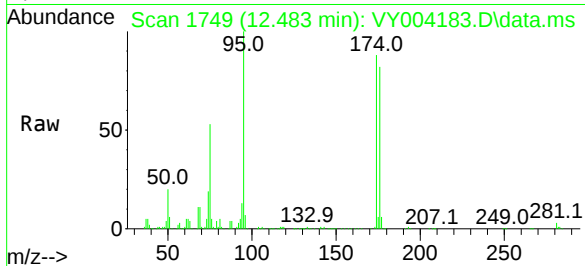




#62
4-Bromofluorobenzene
Concen: 50.74 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004183.D
Acq: 24 Mar 2021 13:15

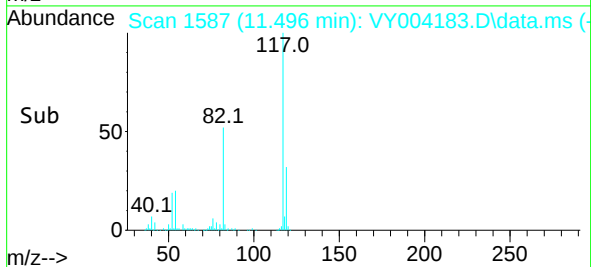
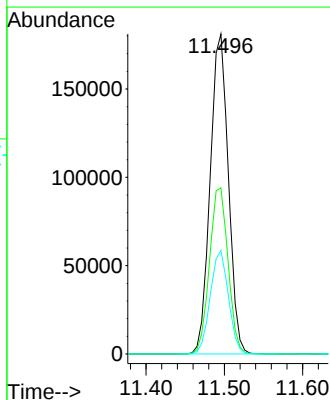
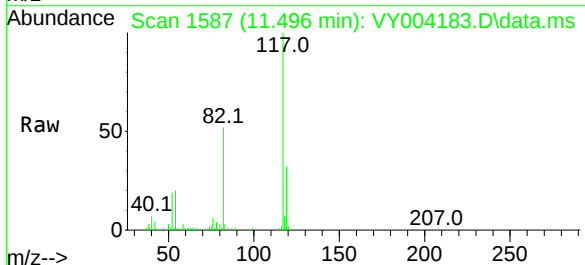
Instrument :
MSVOA_Y
ClientSampleId :

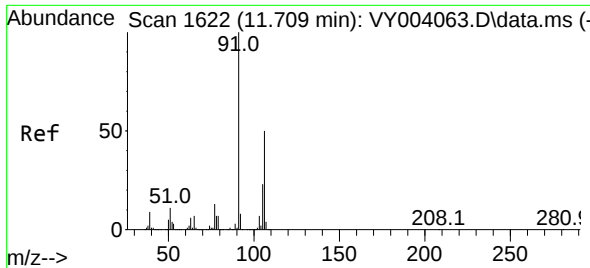
Tgt Ion: 95 Resp: 131692
Ion Ratio Lower Upper
95 100
174 87.0 0.0 179.0
176 83.2 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004183.D
Acq: 24 Mar 2021 13:15

Tgt Ion: 117 Resp: 291877
Ion Ratio Lower Upper
117 100
82 51.9 43.8 65.6
119 32.3 26.2 39.2

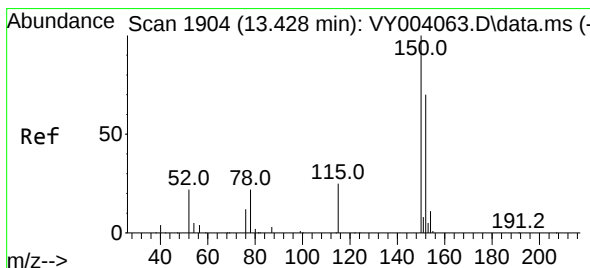
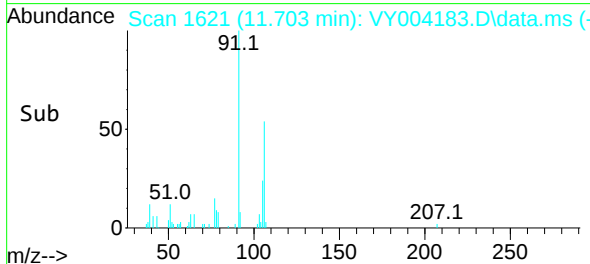
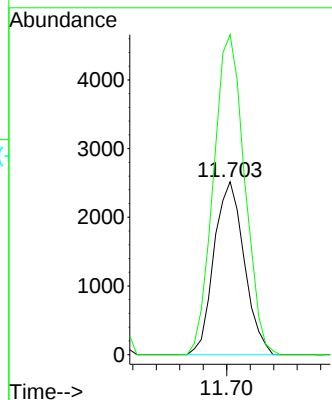
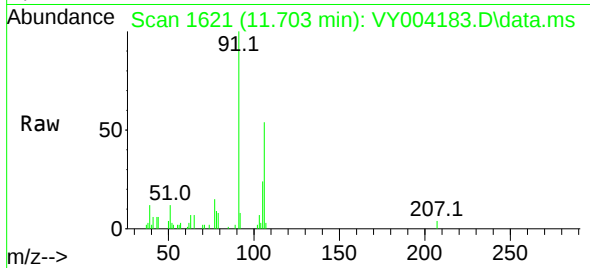




#68
m/p-Xylenes
Concen: 1.15 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY004183.D
Acq: 24 Mar 2021 13:15

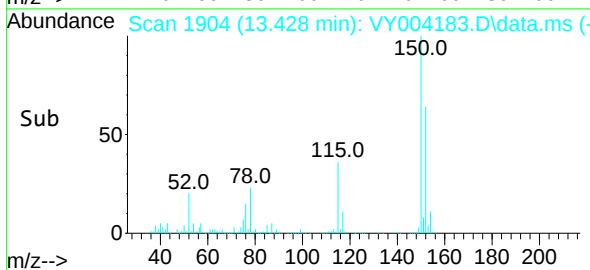
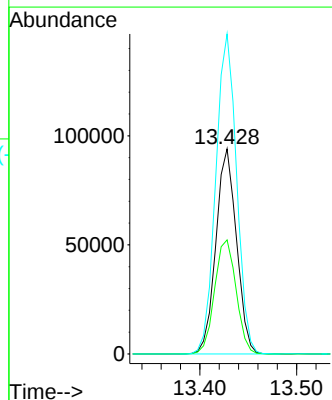
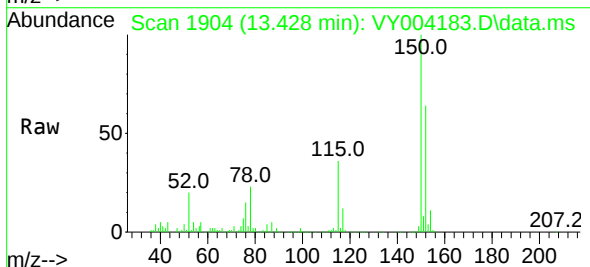
Instrument :
MSVOA_Y
ClientSampleId :

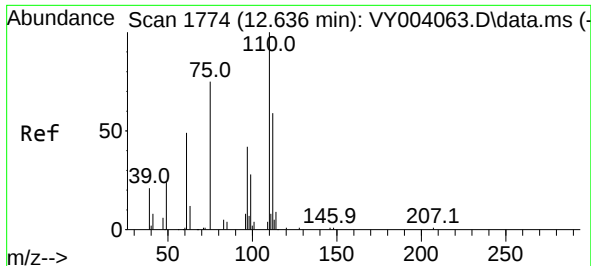
Tgt Ion:106 Resp: 4490
Ion Ratio Lower Upper
106 100
91 191.0 165.4 248.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004183.D
Acq: 24 Mar 2021 13:15

Tgt Ion:152 Resp: 139366
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.6
150 157.2 0.0 347.2

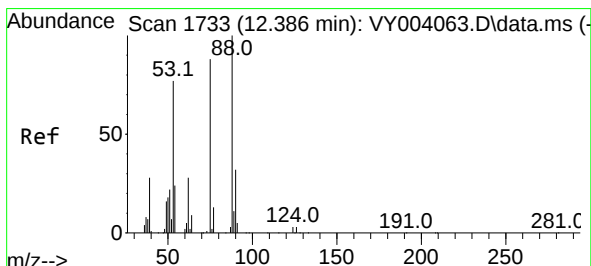
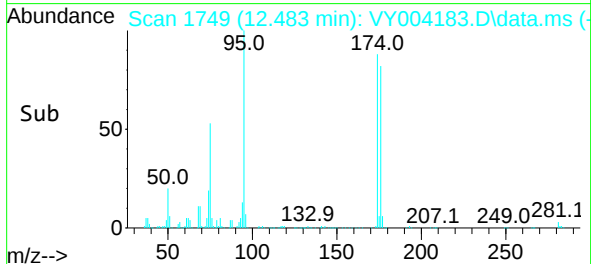
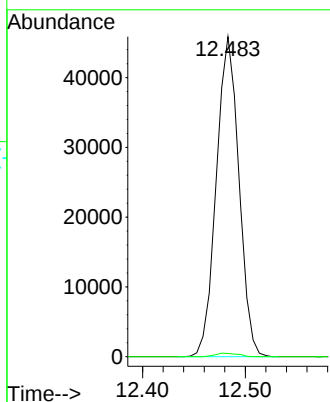
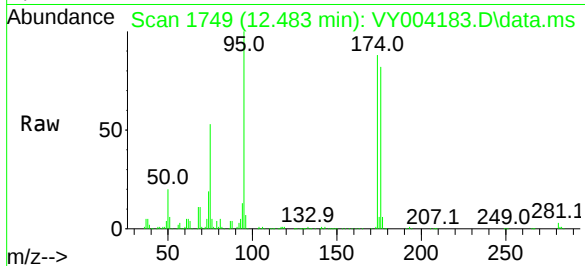




#76
1,2,3-Trichloropropane
Concen: 52.40 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004183.D
Acq: 24 Mar 2021 13:15

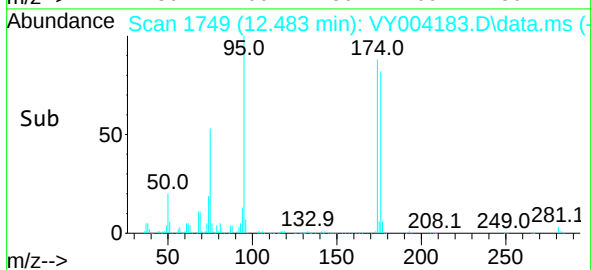
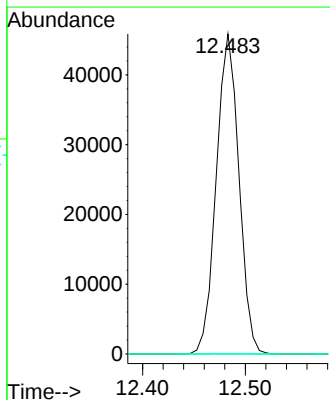
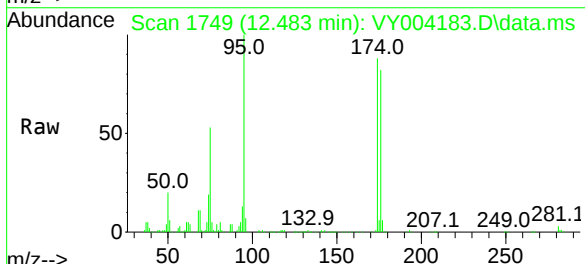
Instrument :
MSVOA_Y
ClientSampled :

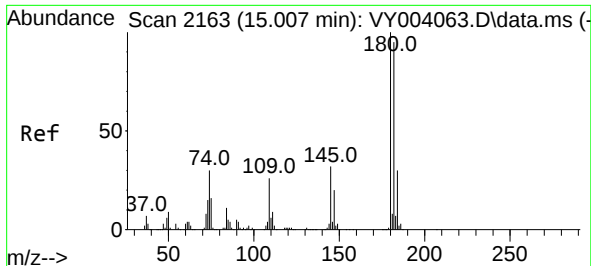
Tgt Ion: 75 Resp: 70029
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.43 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004183.D
Acq: 24 Mar 2021 13:15

Tgt Ion: 75 Resp: 70029
Ion Ratio Lower Upper
75 100
53 0.0 73.5 110.3#
89 0.0 35.7 53.5#

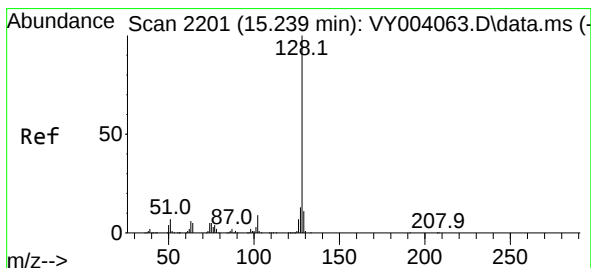
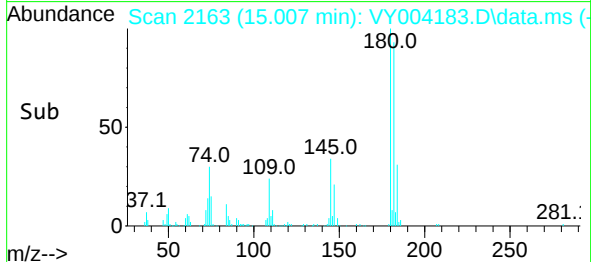
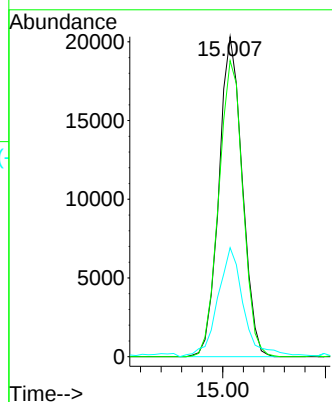
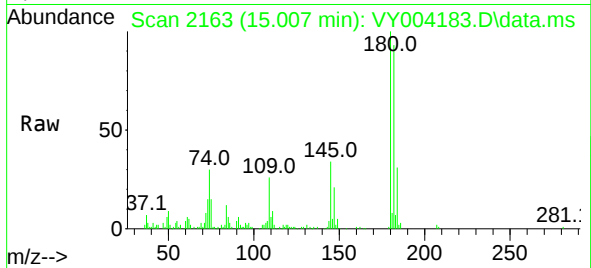




#93
1,2,4-Trichlorobenzene
Concen: 12.32 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY004183.D
Acq: 24 Mar 2021 13:15

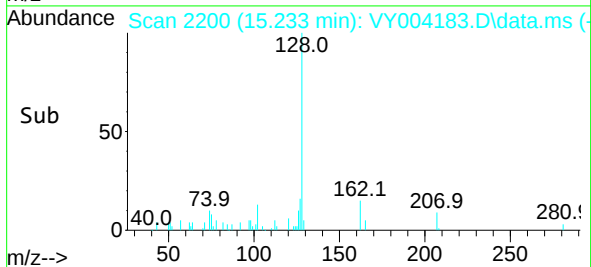
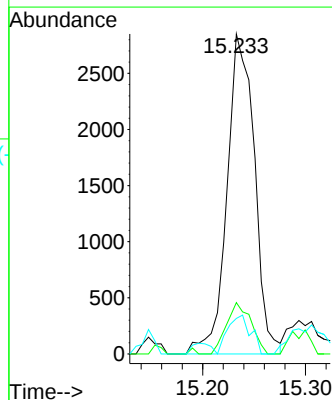
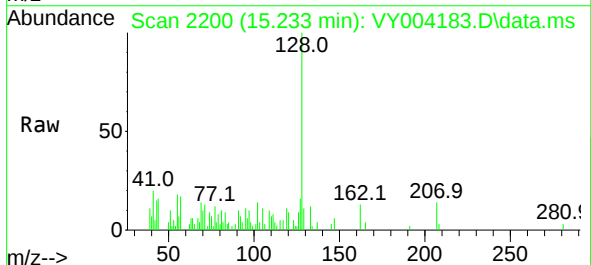
Instrument :
MSVOA_Y
ClientSampled :

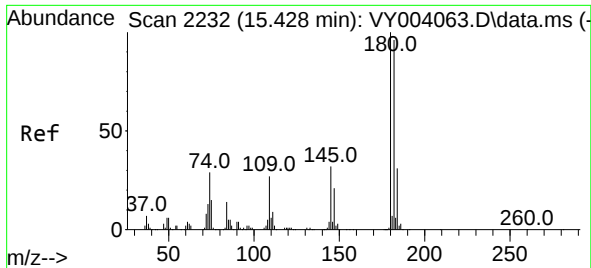
Tgt Ion:180 Resp: 32002
Ion Ratio Lower Upper
180 100
182 95.6 48.0 144.0
145 37.9 14.1 42.2



#95
Naphthalene
Concen: 1.03 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY004183.D
Acq: 24 Mar 2021 13:15

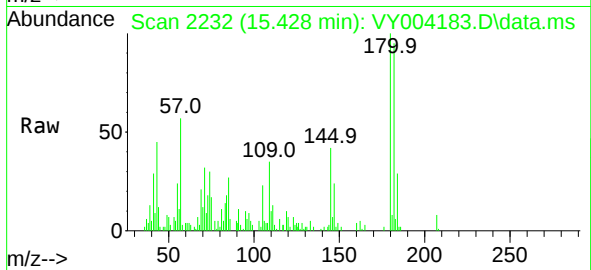
Tgt Ion:128 Resp: 5306
Ion Ratio Lower Upper
128 100
127 14.4 10.6 16.0
129 10.1 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 3.37 ug/l
 RT: 15.428 min Scan# 2232
 Delta R.T. -0.000 min
 Lab File: VY004183.D
 Acq: 24 Mar 2021 13:15

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	180	Resp:	7368
Ion	Ratio	Lower	Upper
180	100		
182	91.1	47.6	142.8
145	56.6	15.3	45.9#

