

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
 Data File : VY004518.D
 Acq On : 20 Apr 2021 11:05
 Operator : SY/MD
 Sample : M2094-01
 Misc : 6.37G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 21 08:48:42 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)

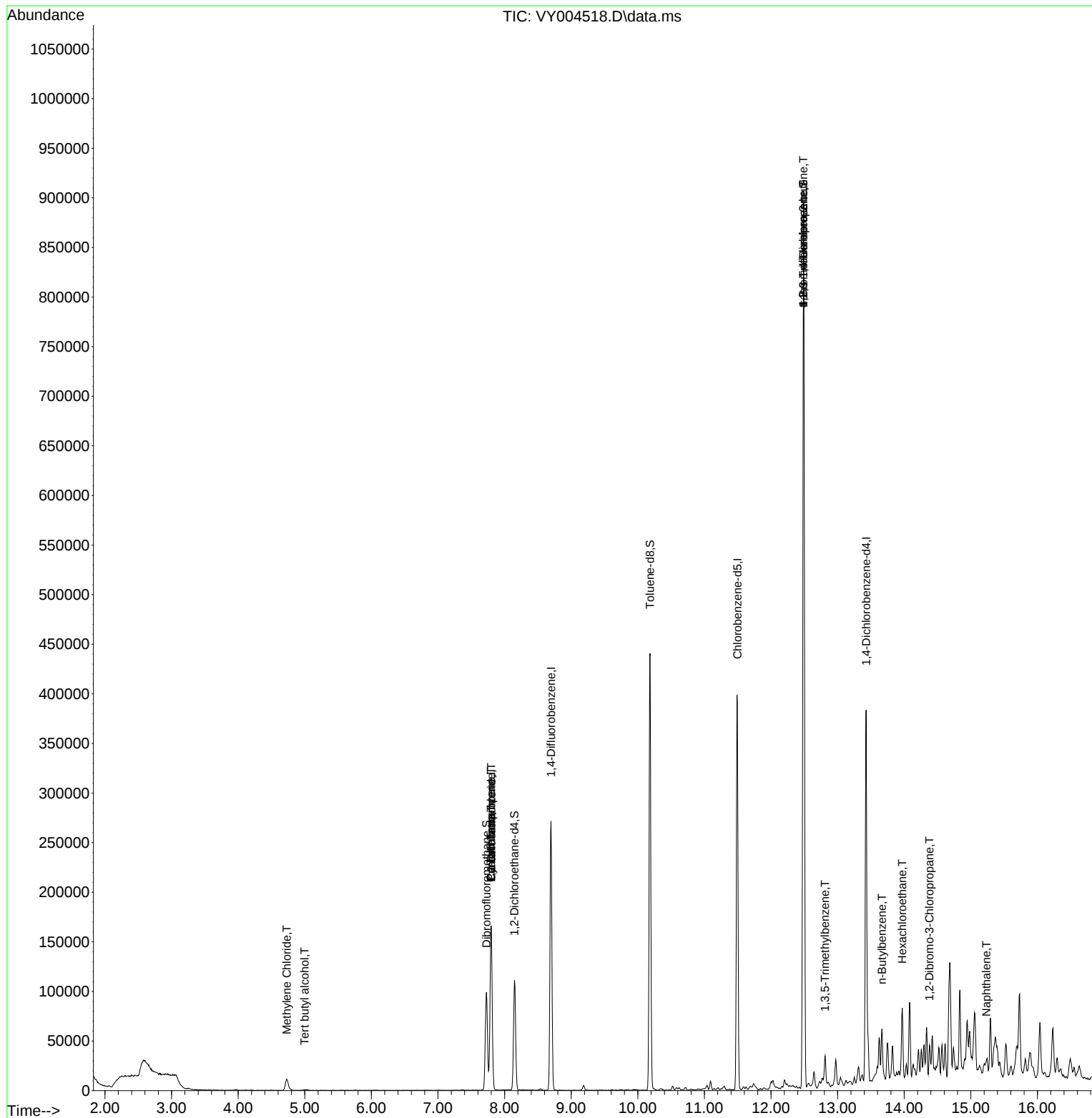
Internal Standards						
1) Pentafluorobenzene	7.801	168	127748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	222883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	208108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89255	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	84844	59.78	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.56%
35) Dibromofluoromethane	7.728	113	67652	54.70	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.40%
50) Toluene-d8	10.185	98	274165	52.11	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.22%
62) 4-Bromofluorobenzene	12.483	95	94352	52.85	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.70%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.997	59	689	4.93	ug/l #	73
16) Acetone	3.960	43	1030	Below	Cal	97
20) Methylene Chloride	4.729	84	7857	5.73	ug/l	95
31) Cyclohexane	7.795	56	3454	1.33	ug/l #	18
36) 1,1-Dichloropropene	7.795	75	10220	4.61	ug/l #	51
38) Carbon Tetrachloride	7.801	117	12832	6.70	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	57736	60.27	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.812	105	10016	1.79	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.483	75	57736	107.82	ug/l #	14
89) n-Butylbenzene	13.666	91	6831	1.18	ug/l #	1
90) Hexachloroethane	13.971	117	2145	2.63	ug/l #	13
92) 1,2-Dibromo-3-Chloropr...	14.379	75	295	1.26	ug/l #	2
95) Naphthalene	15.233	128	5557	1.51	ug/l #	83

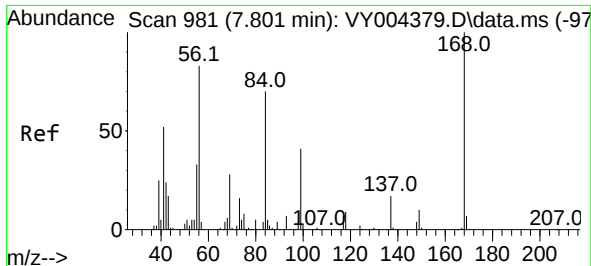
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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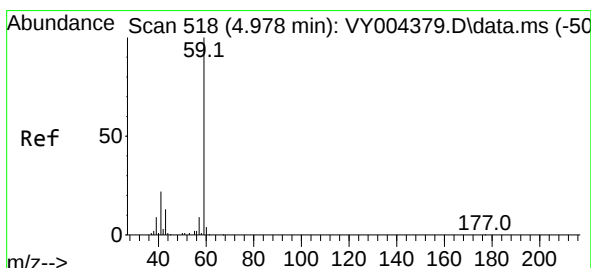
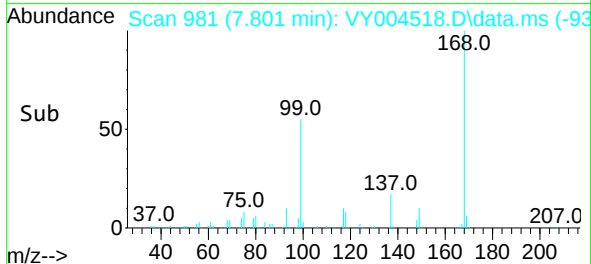
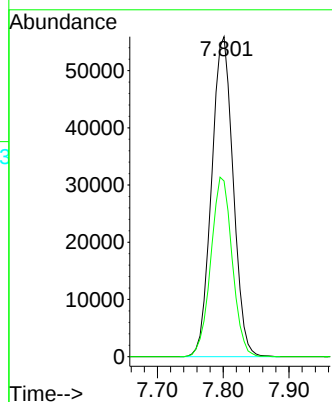
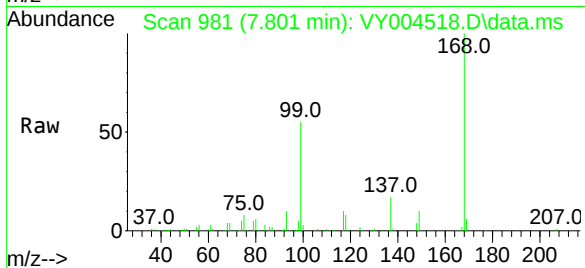




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004518.D
Acq: 20 Apr 2021 11:05

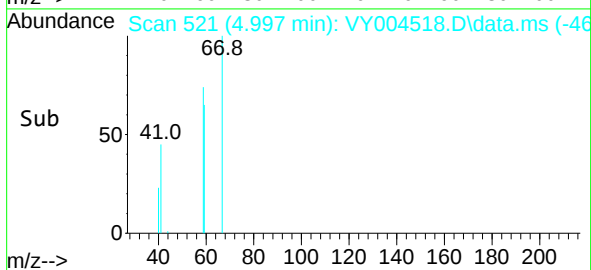
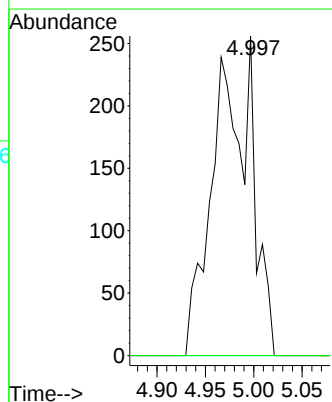
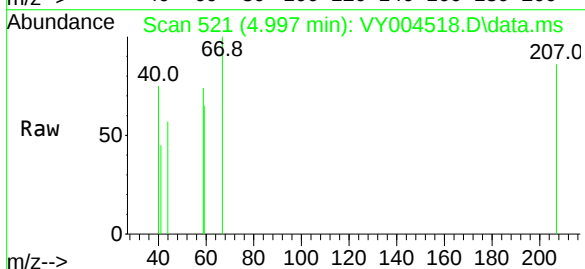
Instrument :
MSVOA_Y
ClientSampleId :

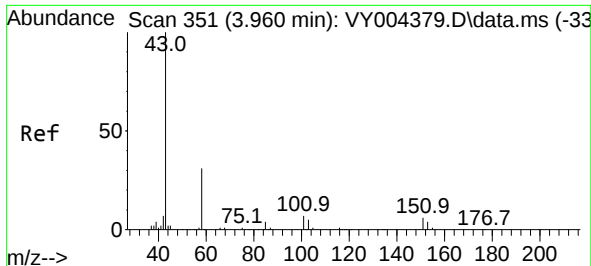
Tgt Ion:168 Resp: 127748
Ion Ratio Lower Upper
168 100
99 54.9 45.5 68.3



#11
Tert butyl alcohol
Concen: 4.93 ug/l
RT: 4.997 min Scan# 521
Delta R.T. 0.019 min
Lab File: VY004518.D
Acq: 20 Apr 2021 11:05

Tgt Ion: 59 Resp: 689
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

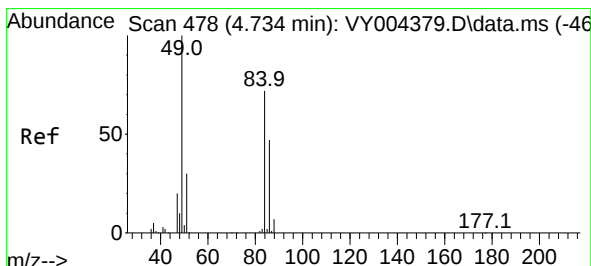
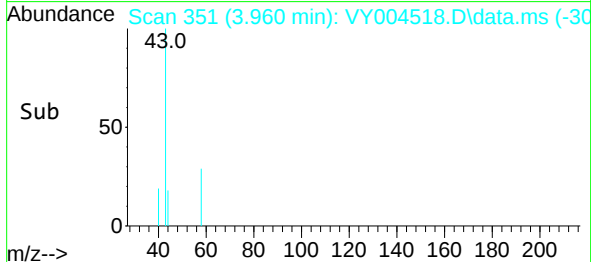
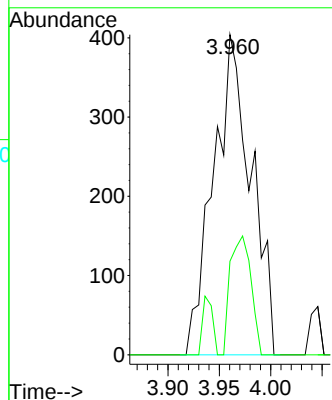
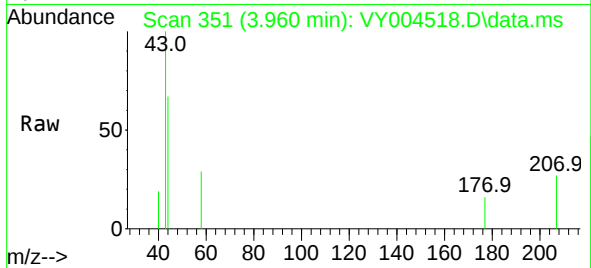




#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004518.D
Acq: 20 Apr 2021 11:05

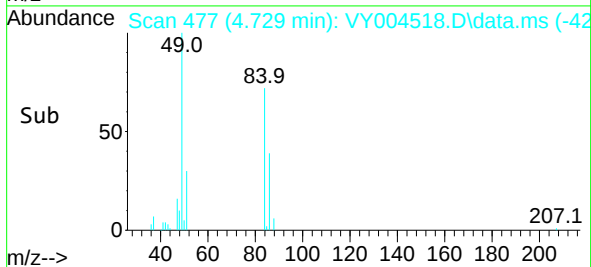
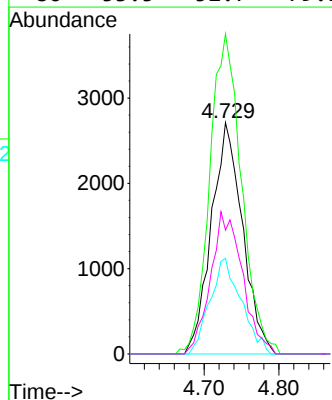
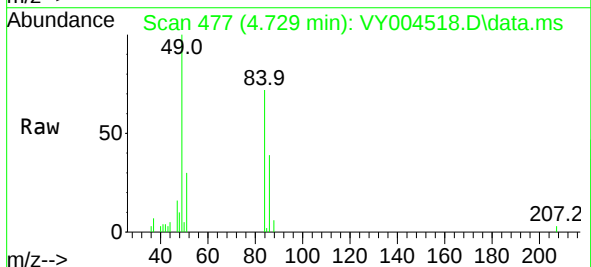
Instrument :
MSVOA_Y
ClientSampled :

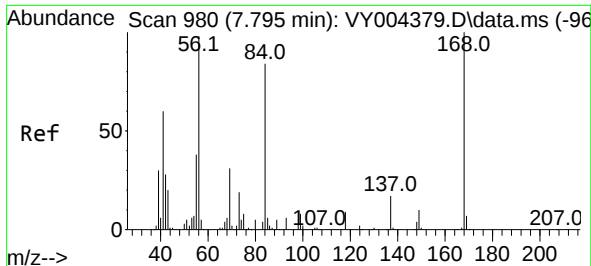
Tgt Ion: 43 Resp: 1030
Ion Ratio Lower Upper
43 100
58 29.2 24.6 37.0



#20
Methylene Chloride
Concen: 5.73 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004518.D
Acq: 20 Apr 2021 11:05

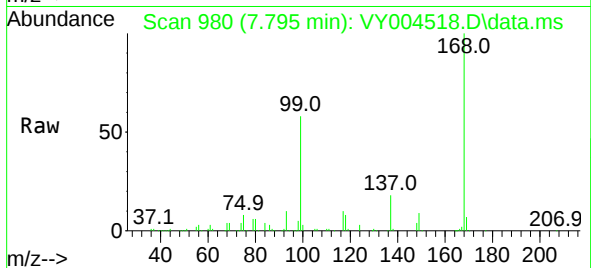
Tgt Ion: 84 Resp: 7857
Ion Ratio Lower Upper
84 100
49 138.3 111.2 166.8
51 41.3 33.4 50.2
86 53.5 52.7 79.1



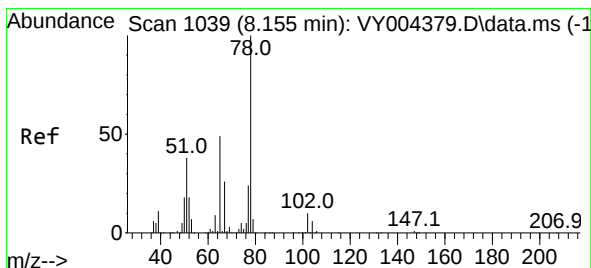
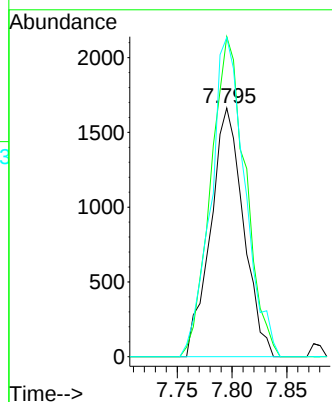
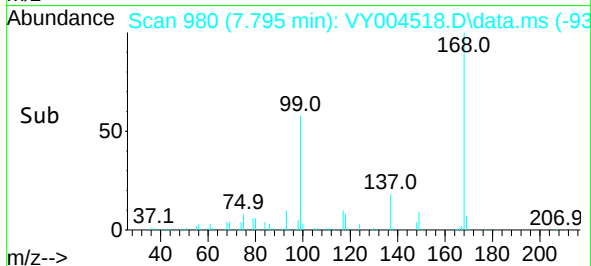


#31
Cyclohexane
Concen: 1.33 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004518.D
Acq: 20 Apr 2021 11:05

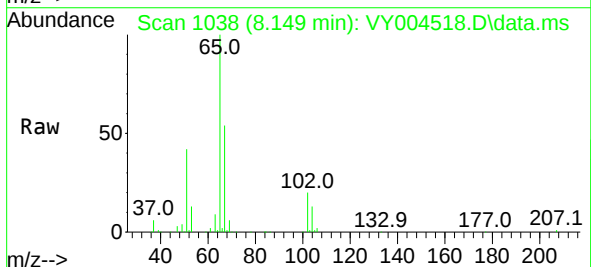
Instrument :
MSVOA_Y
ClientSampleId :



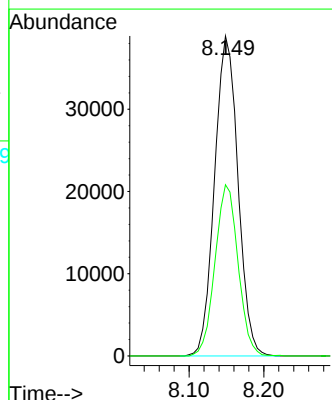
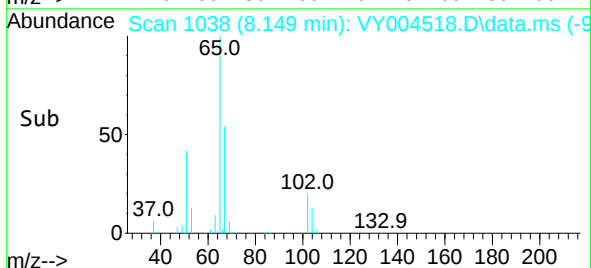
Tgt Ion: 56 Resp: 3454
Ion Ratio Lower Upper
56 100
69 128.7 25.8 38.6#
84 128.4 68.2 102.4#

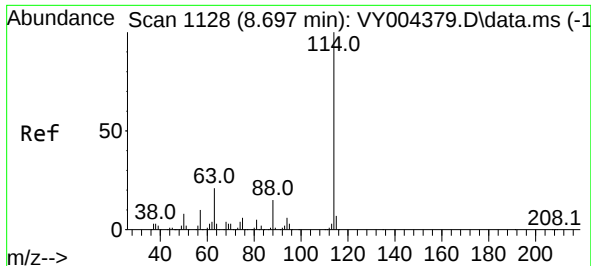


#33
1,2-Dichloroethane-d4
Concen: 59.78 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004518.D
Acq: 20 Apr 2021 11:05



Tgt Ion: 65 Resp: 84844
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.4

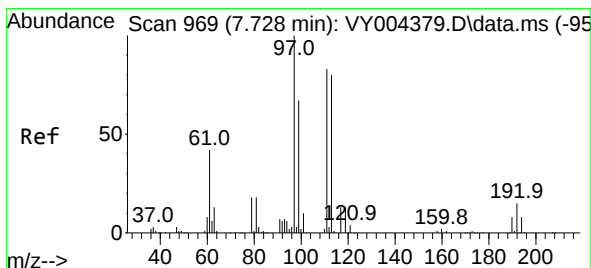
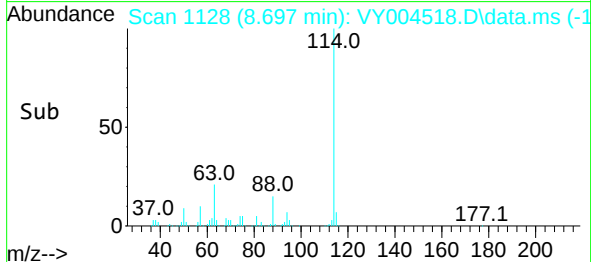
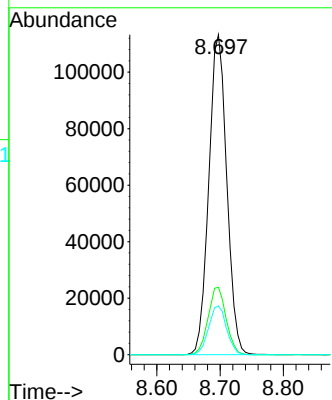
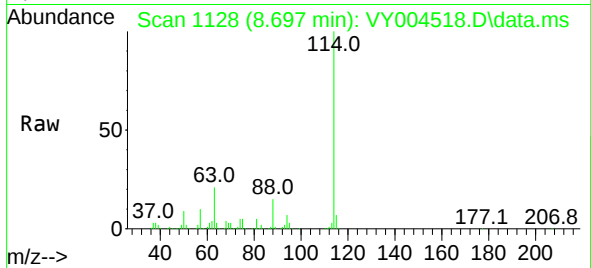




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004518.D
Acq: 20 Apr 2021 11:05

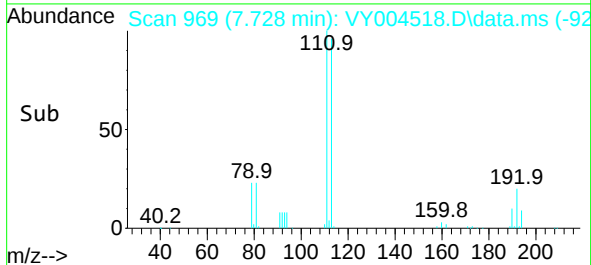
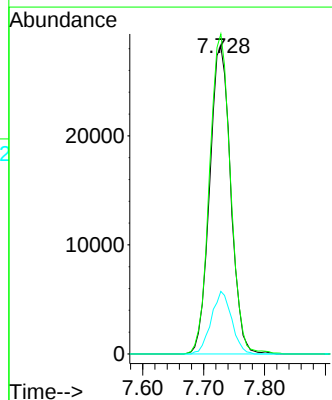
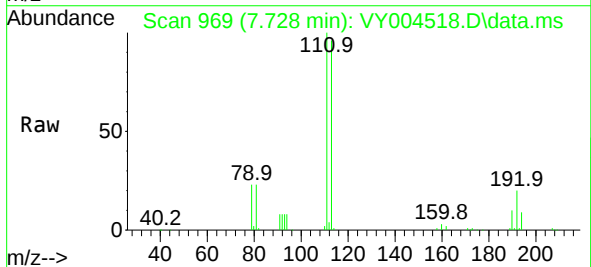
Instrument :
MSVOA_Y
ClientSampleId :

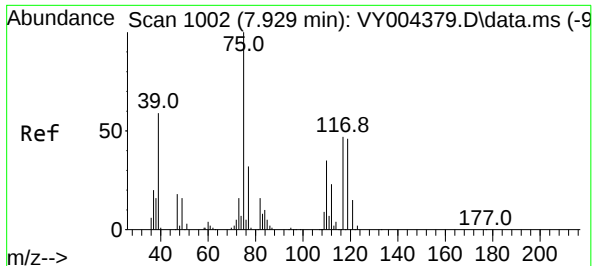
Tgt Ion:114 Resp: 222883
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.4
88 15.2 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.70 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004518.D
Acq: 20 Apr 2021 11:05

Tgt Ion:113 Resp: 67652
Ion Ratio Lower Upper
113 100
111 104.0 82.6 123.8
192 19.7 16.1 24.1





#36

1,1-Dichloropropene

Concen: 4.61 ug/l

RT: 7.795 min Scan# 980

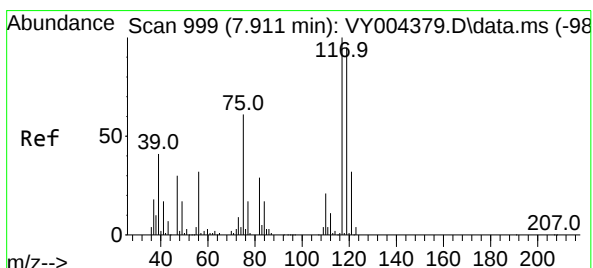
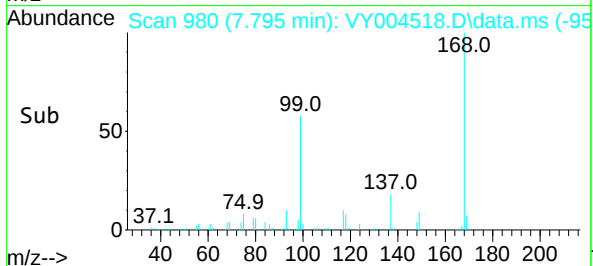
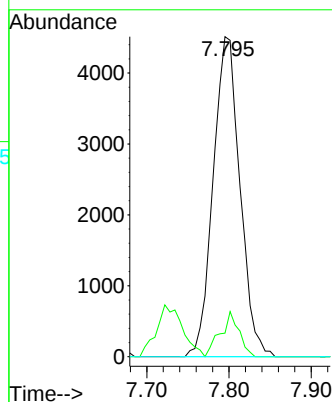
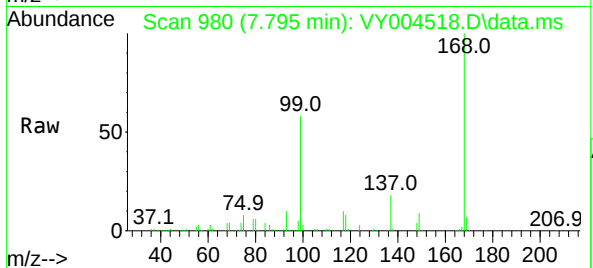
Delta R.T. -0.134 min

Lab File: VY004518.D

Acq: 20 Apr 2021 11:05

Tgt Ion:	75	Resp:	10220
Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.3	51.7#
77	0.0	24.3	36.5#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.70 ug/l

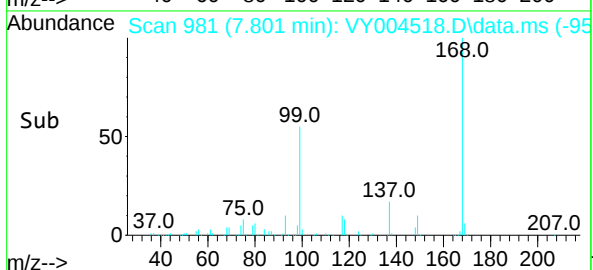
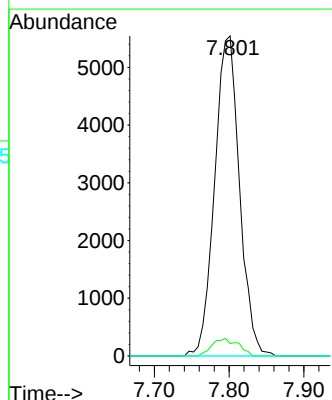
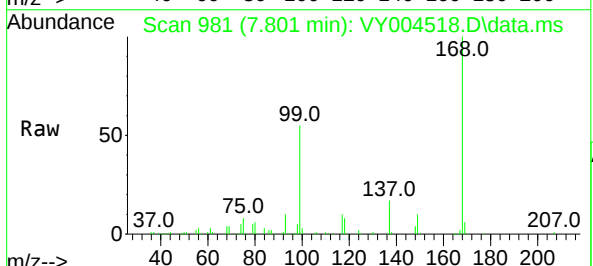
RT: 7.801 min Scan# 981

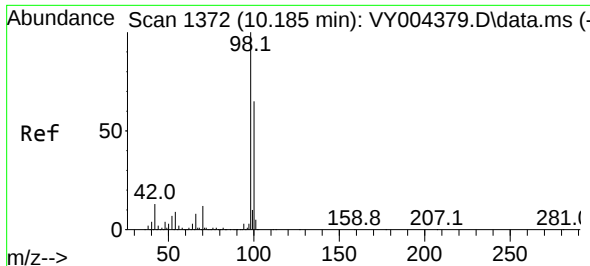
Delta R.T. -0.109 min

Lab File: VY004518.D

Acq: 20 Apr 2021 11:05

Tgt Ion:	117	Resp:	12832
Ion	Ratio	Lower	Upper
117	100		
119	3.9	75.8	113.8#
121	0.0	25.3	37.9#

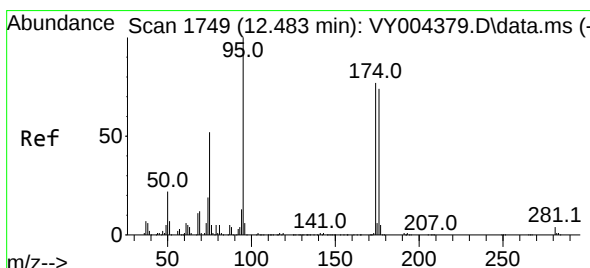
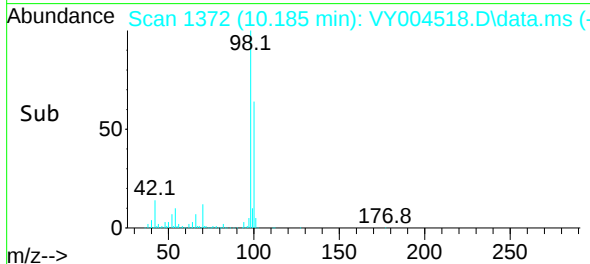
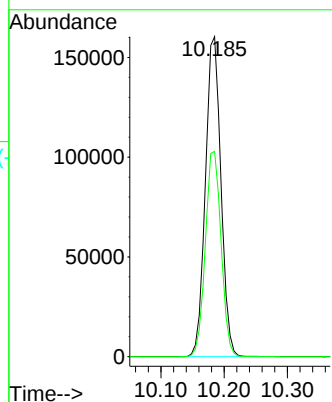
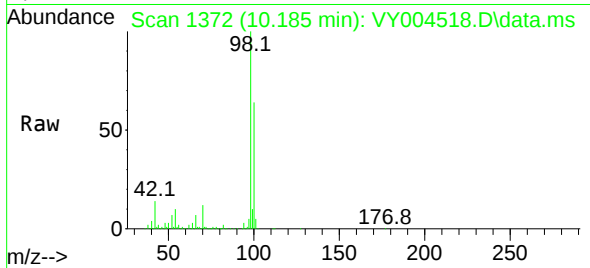




#50
Toluene-d8
Concen: 52.11 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004518.D
Acq: 20 Apr 2021 11:05

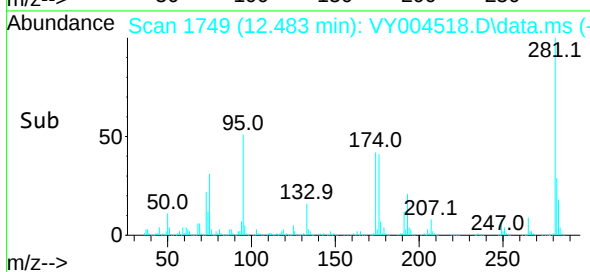
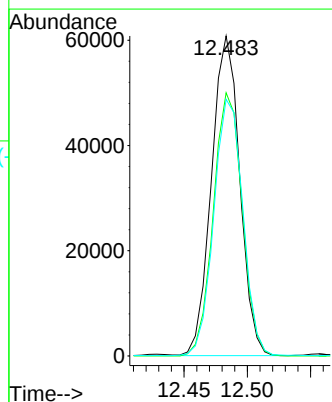
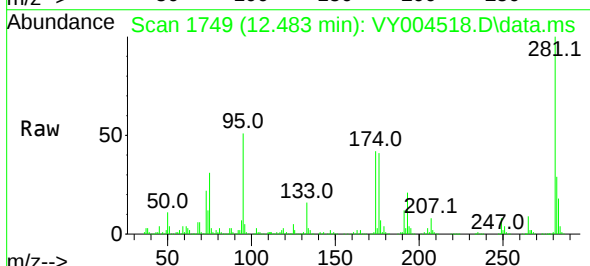
Instrument :
MSVOA_Y
ClientSampled :

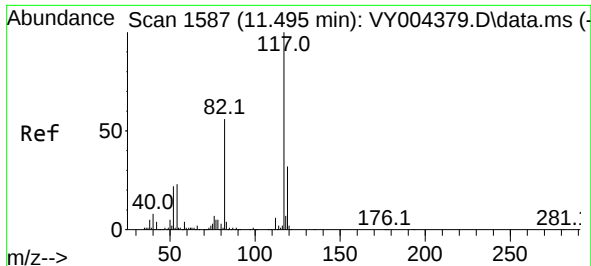
Tgt Ion: 98 Resp: 274165
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.85 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004518.D
Acq: 20 Apr 2021 11:05

Tgt Ion: 95 Resp: 94352
Ion Ratio Lower Upper
95 100
174 83.9 0.0 162.4
176 82.2 0.0 156.0

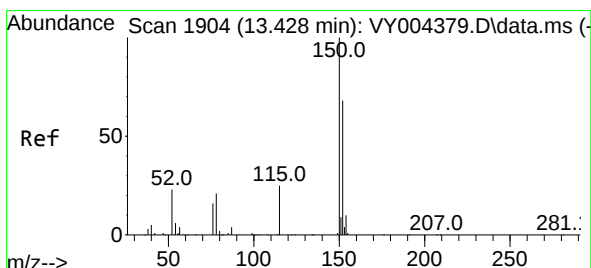
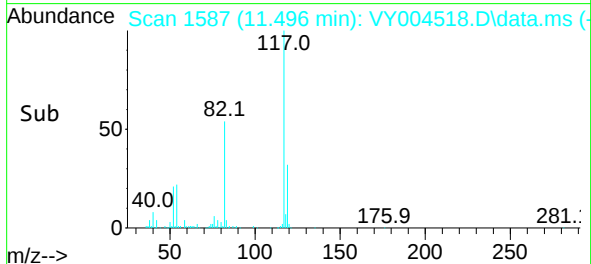
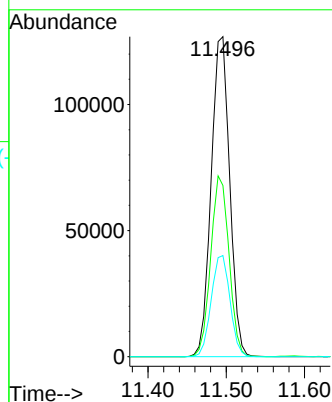
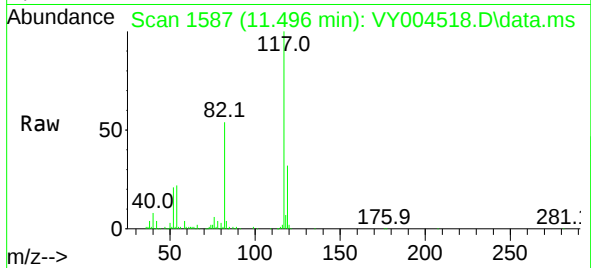




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004518.D
Acq: 20 Apr 2021 11:05

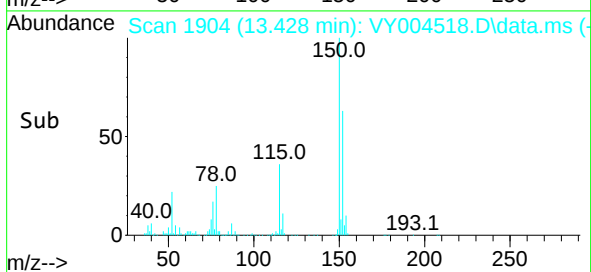
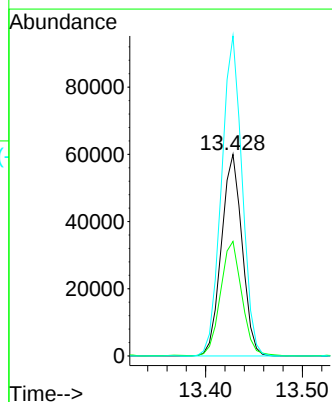
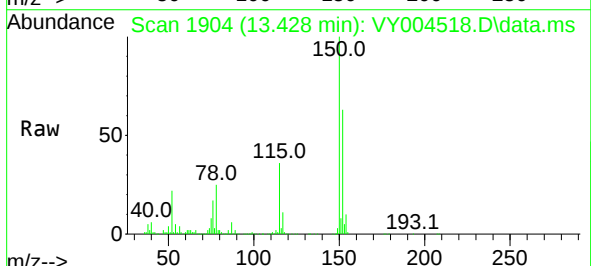
Instrument :
MSVOA_Y
ClientSampleId :

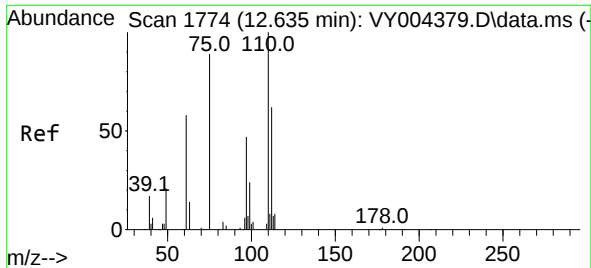
Tgt Ion:117 Resp: 208108
Ion Ratio Lower Upper
117 100
82 53.5 44.9 67.3
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004518.D
Acq: 20 Apr 2021 11:05

Tgt Ion:152 Resp: 89255
Ion Ratio Lower Upper
152 100
115 58.7 29.6 88.8
150 157.9 0.0 348.4

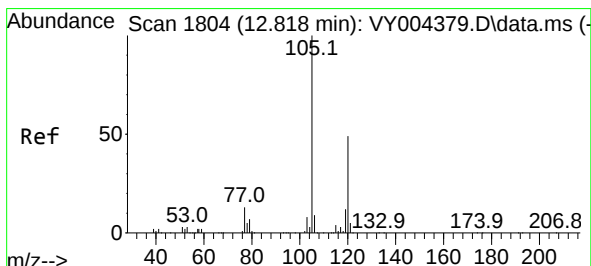
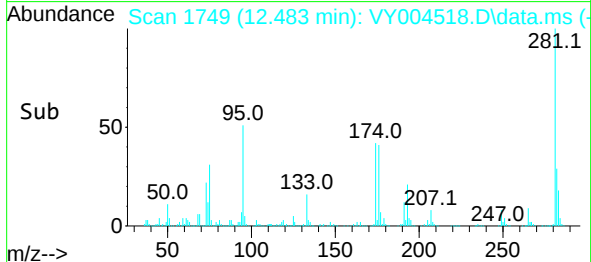
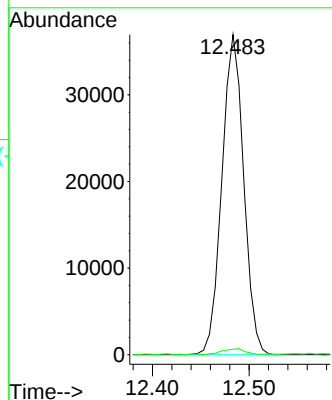
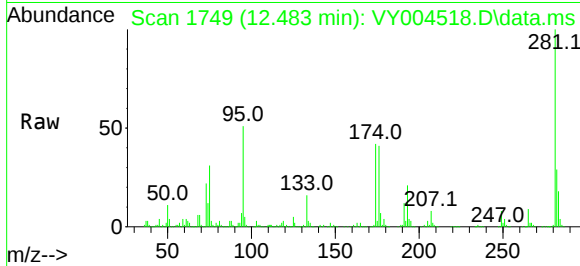




#76
1,2,3-Trichloropropane
Concen: 60.27 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004518.D
Acq: 20 Apr 2021 11:05

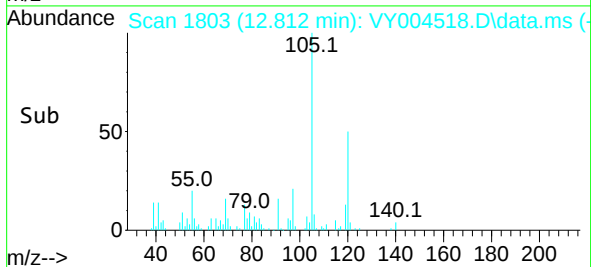
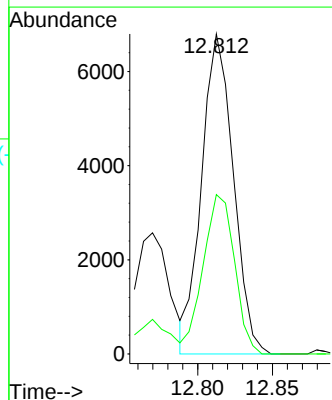
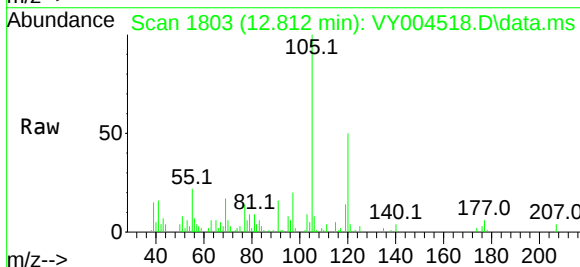
Instrument :
MSVOA_Y
ClientSampled :

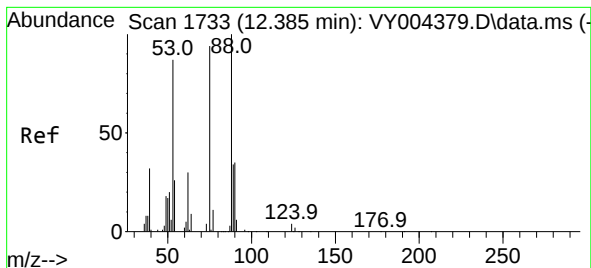
Tgt Ion: 75 Resp: 57736
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#



#80
1,3,5-Trimethylbenzene
Concen: 1.79 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY004518.D
Acq: 20 Apr 2021 11:05

Tgt Ion: 105 Resp: 10016
Ion Ratio Lower Upper
105 100
120 49.4 24.6 74.0

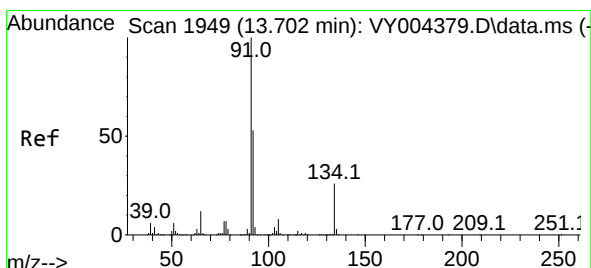
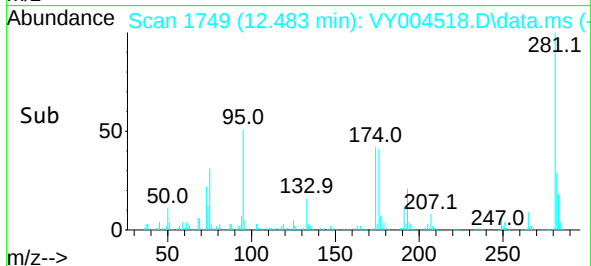
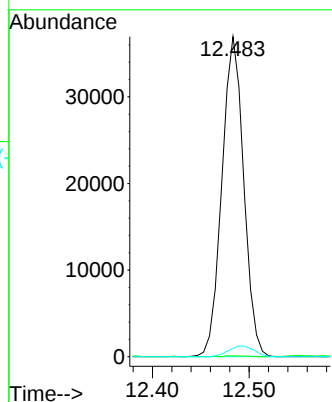
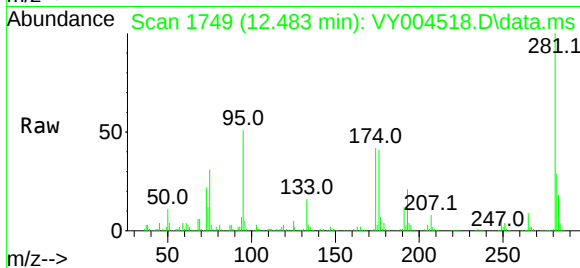




#81
trans-1,4-Dichloro-2-butene
Concen: 107.82 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004518.D
Acq: 20 Apr 2021 11:05

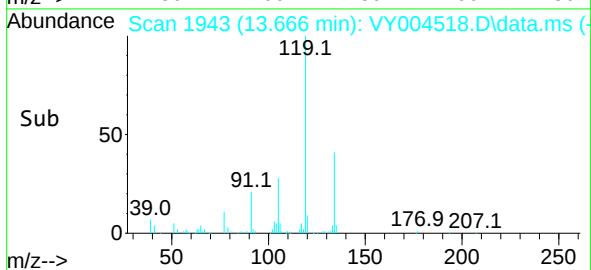
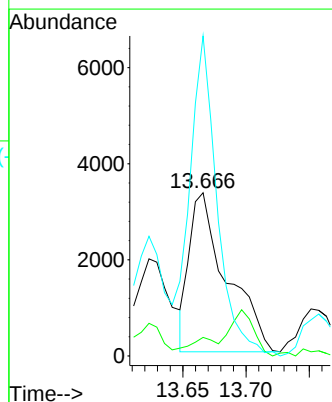
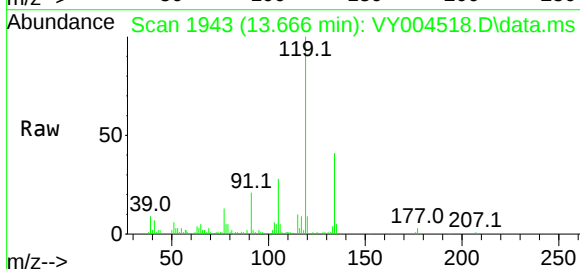
Instrument :
MSVOA_Y
ClientSampleId :

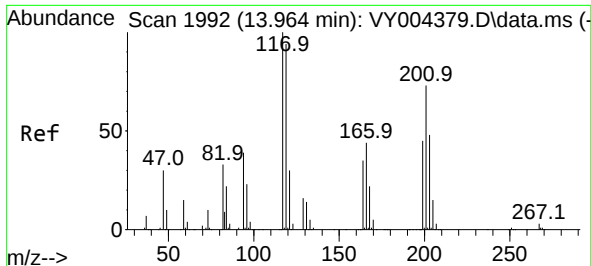
Tgt Ion: 75 Resp: 57736
Ion Ratio Lower Upper
75 100
53 0.3 75.0 112.6#
89 3.9 36.1 54.1#



#89
n-Butylbenzene
Concen: 1.18 ug/l
RT: 13.666 min Scan# 1943
Delta R.T. -0.036 min
Lab File: VY004518.D
Acq: 20 Apr 2021 11:05

Tgt Ion: 91 Resp: 6831
Ion Ratio Lower Upper
91 100
92 5.8 26.6 79.8#
134 147.4 12.7 38.1#

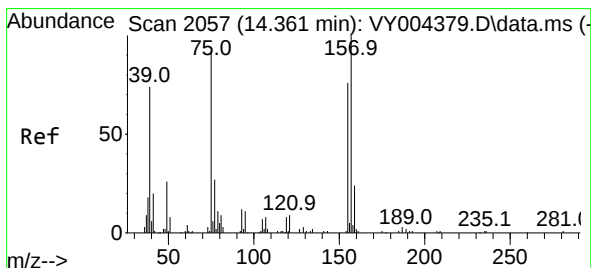
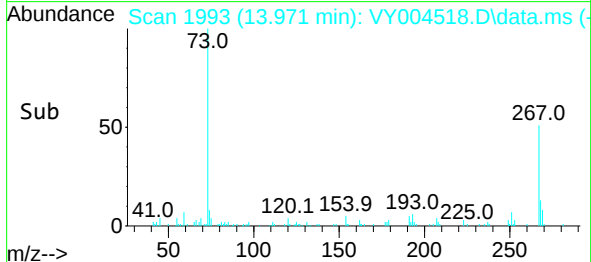
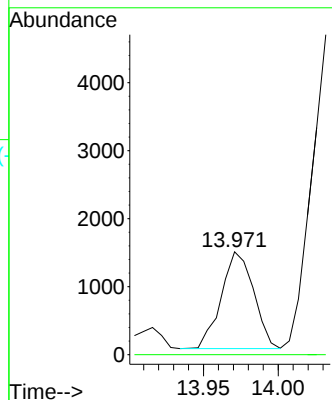
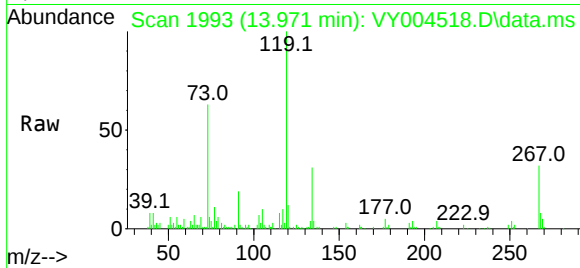




#90
Hexachloroethane
Concen: 2.63 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.006 min
Lab File: VY004518.D
Acq: 20 Apr 2021 11:05

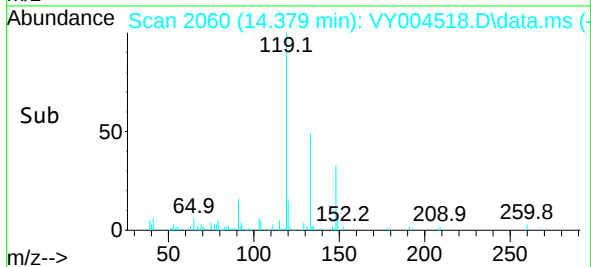
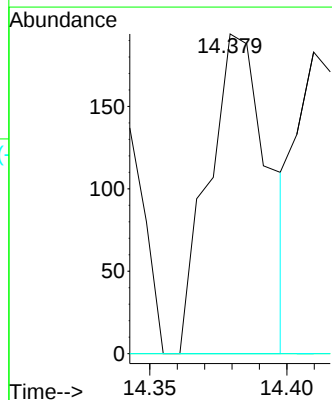
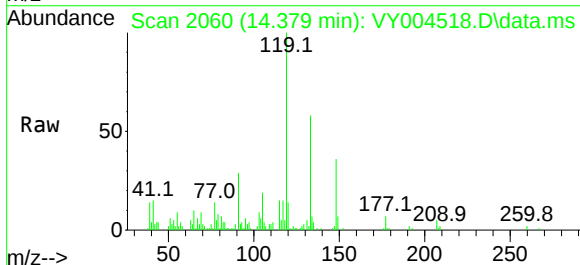
Instrument :
MSVOA_Y
ClientSampleId :

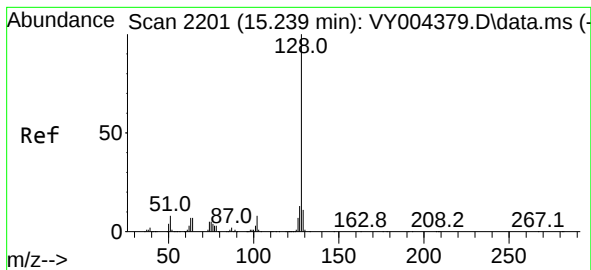
Tgt Ion:117 Resp: 2145
Ion Ratio Lower Upper
117 100
201 0.0 36.6 109.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.26 ug/l
RT: 14.379 min Scan# 2060
Delta R.T. 0.019 min
Lab File: VY004518.D
Acq: 20 Apr 2021 11:05

Tgt Ion: 75 Resp: 295
Ion Ratio Lower Upper
75 100
155 0.0 40.6 121.8#
157 0.0 53.0 159.0#





#95
Naphthalene
Concen: 1.51 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY004518.D
Acq: 20 Apr 2021 11:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 5557
Ion Ratio Lower Upper
128 100
127 23.4 10.2 15.2#
129 8.6 8.8 13.2#

