

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020321\
 Data File : VY003979.D
 Acq On : 03 Feb 2021 22:54
 Operator : SY/MD
 Sample : M1291-15
 Misc : 5.37g/5mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 04 01:25:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 01 00:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	29753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	43953	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	38692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	17594	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	16809	51.38	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.76%
35) Dibromofluoromethane	7.728	113	14297	55.63	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.26%
50) Toluene-d8	10.185	98	52271	51.83	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.66%
62) 4-Bromofluorobenzene	12.483	95	16976	46.18	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.36%

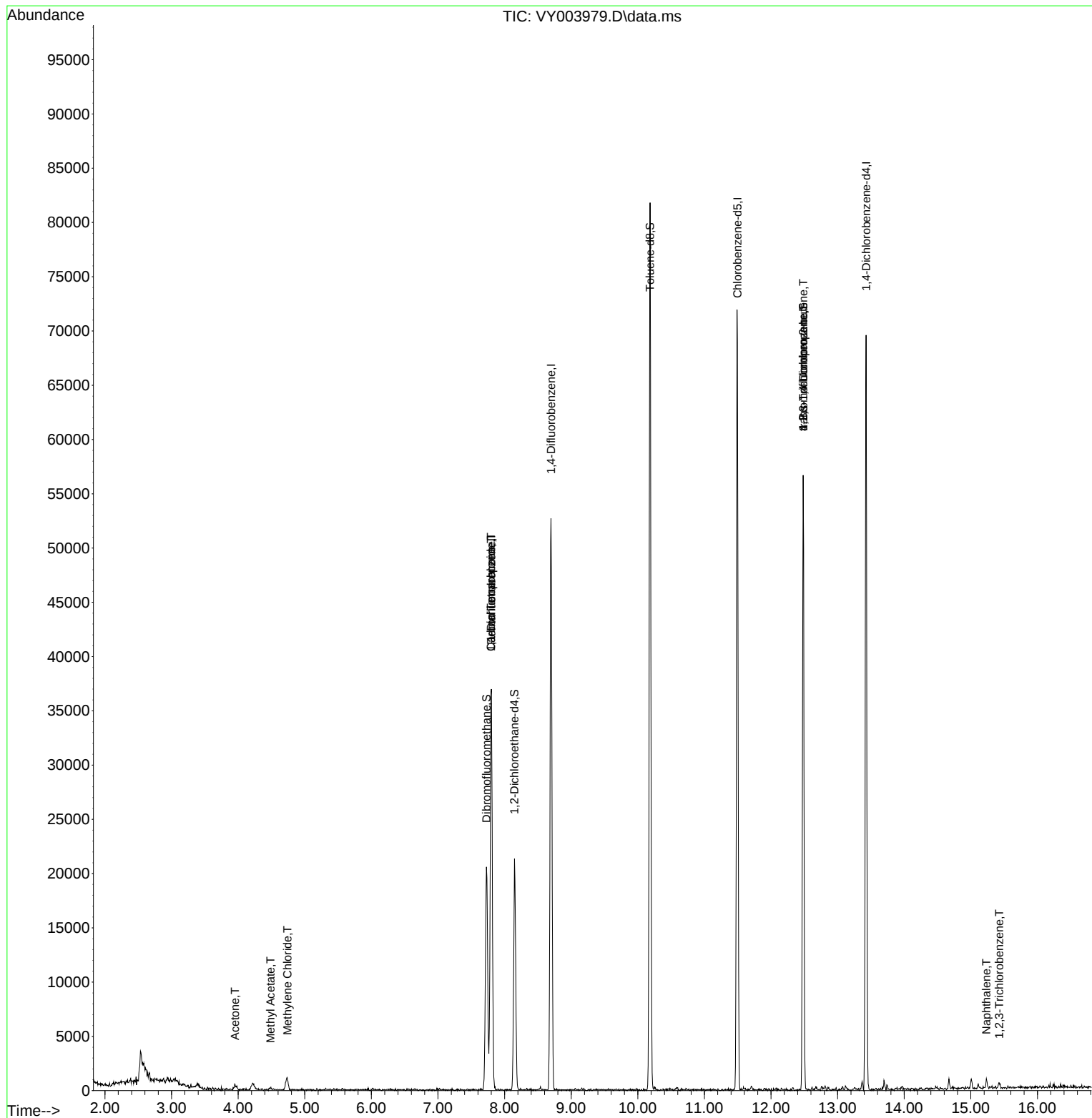
Target Compounds					Qvalue
11) Tert butyl alcohol	4.930	59	19	Below Cal	# 77
16) Acetone	3.954	43	996	12.40 ug/l	# 88
18) Methyl Acetate	4.485	43	425	2.12 ug/l	# 55
20) Methylene Chloride	4.741	84	904	2.65 ug/l	# 53
36) 1,1-Dichloropropene	7.795	75	2089	4.70 ug/l	# 48
38) Carbon Tetrachloride	7.795	117	3007	6.26 ug/l	# 12
76) 1,2,3-Trichloropropane	12.483	75	8772	49.49 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	8772	94.59 ug/l	# 11
95) Naphthalene	15.233	128	928	1.36 ug/l	# 83
96) 1,2,3-Trichlorobenzene	15.428	180	352	1.13 ug/l	# 80

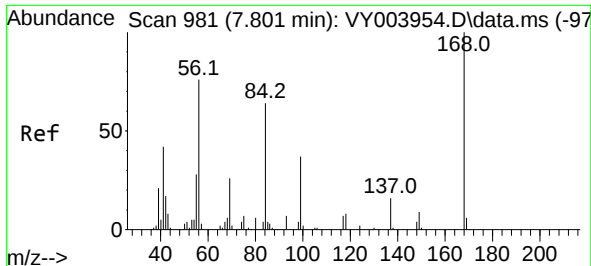
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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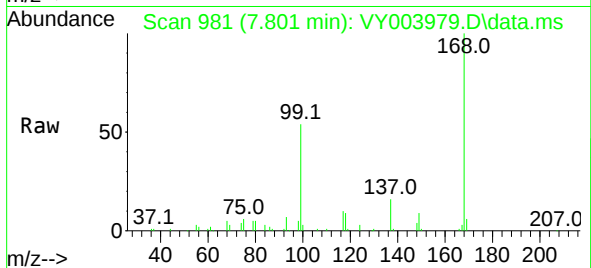
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 01 00:38:02 2021
Response via : Initial Calibration



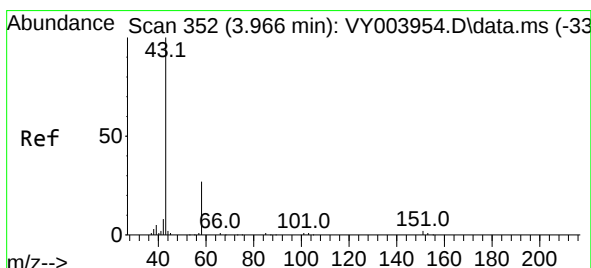
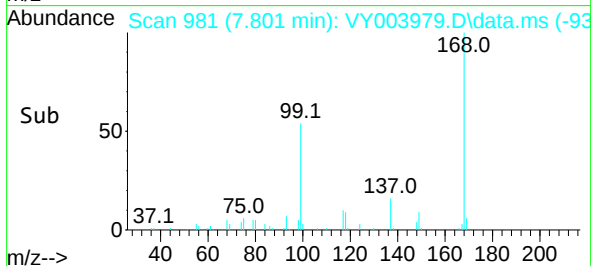
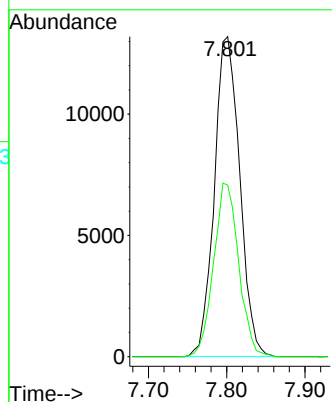


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY003979.D
Acq: 03 Feb 2021 22:54

Instrument :
MSVOA_Y
ClientSampleId :

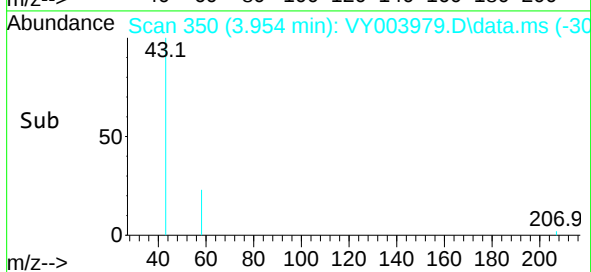
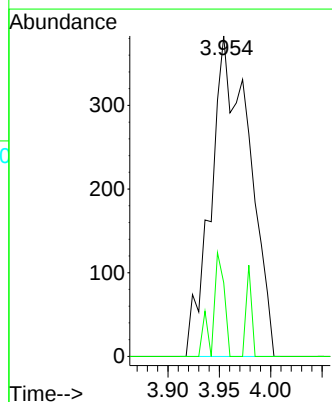
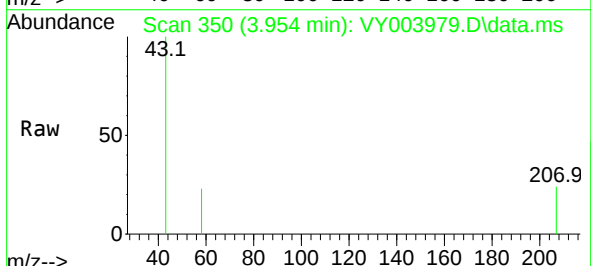


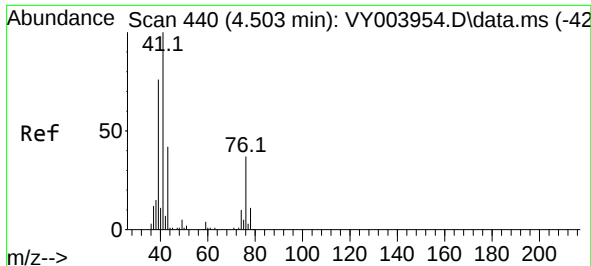
Tgt Ion:168 Resp: 29753
Ion Ratio Lower Upper
168 100
99 53.6 46.1 69.1



#16
Acetone
Concen: 12.40 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.012 min
Lab File: VY003979.D
Acq: 03 Feb 2021 22:54

Tgt Ion: 43 Resp: 996
Ion Ratio Lower Upper
43 100
58 23.0 23.4 35.0#





#18

Methyl Acetate

Concen: 2.12 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.018 min

Lab File: VY003979.D

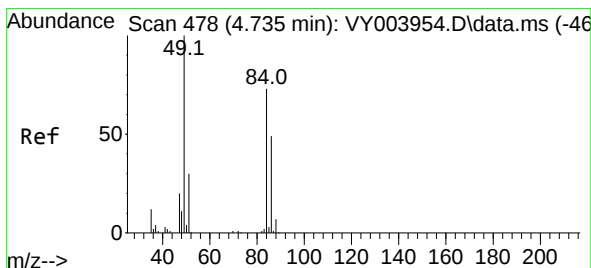
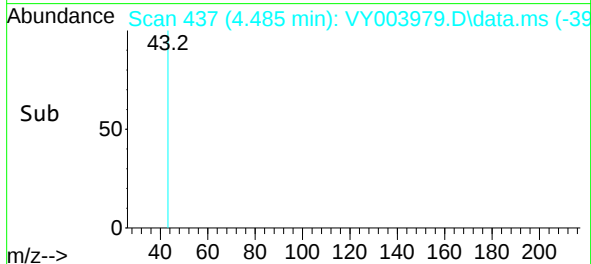
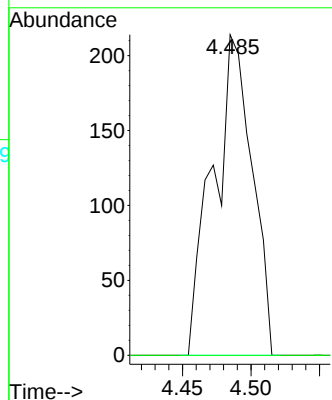
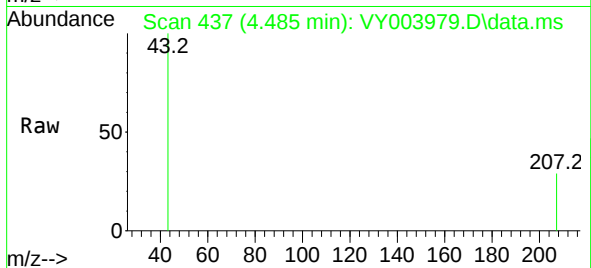
Acq: 03 Feb 2021 22:54

Tgt Ion: 43 Resp: 425

Ion Ratio Lower Upper

43 100

74 0.0 16.7 25.1#



#20

Methylene Chloride

Concen: 2.65 ug/l

RT: 4.741 min Scan# 479

Delta R.T. 0.006 min

Lab File: VY003979.D

Acq: 03 Feb 2021 22:54

Tgt Ion: 84 Resp: 904

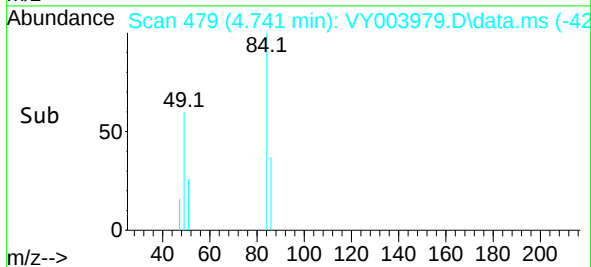
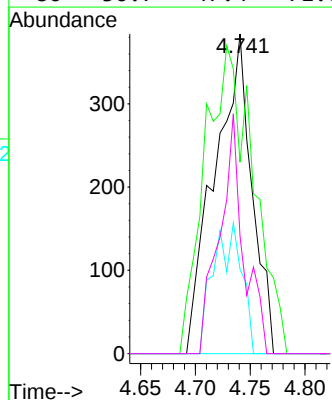
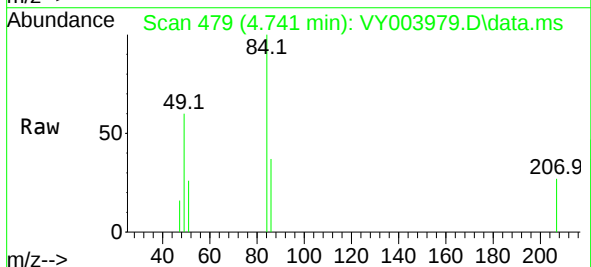
Ion Ratio Lower Upper

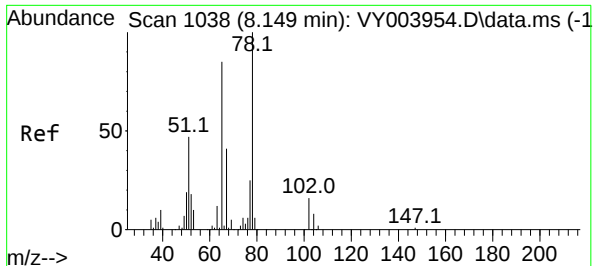
84 100

49 59.9 107.0 160.4#

51 26.3 31.9 47.9#

86 36.7 47.4 71.0#

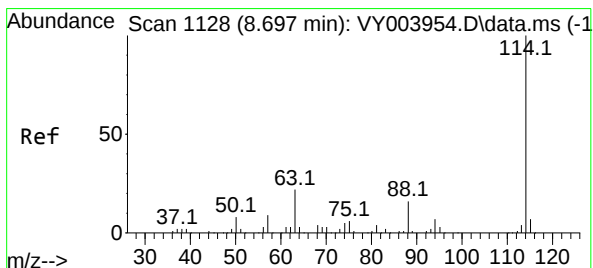
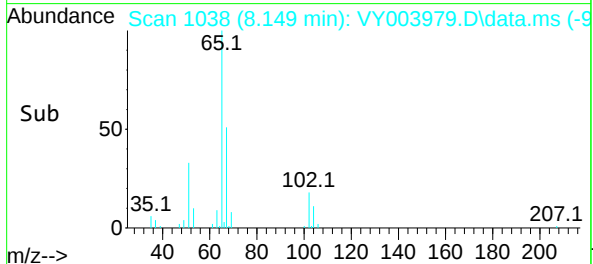
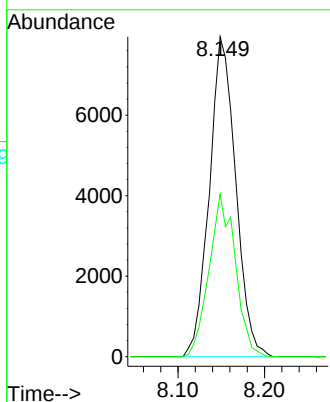
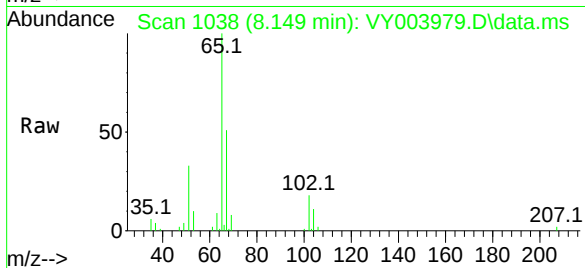




#33
1,2-Dichloroethane-d4
Concen: 51.38 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY003979.D
Acq: 03 Feb 2021 22:54

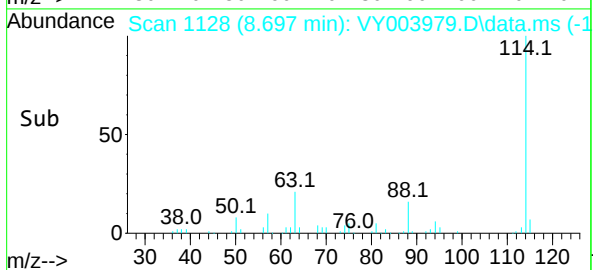
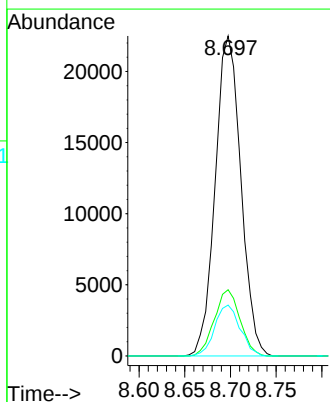
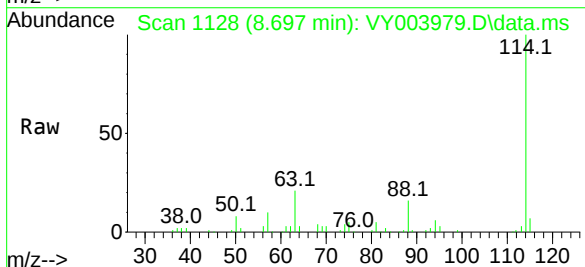
Instrument :
MSVOA_Y
ClientSampleId :

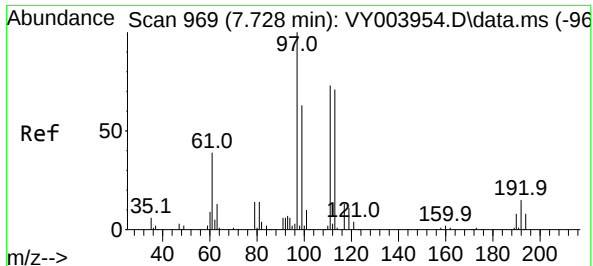
Tgt Ion: 65 Resp: 16809
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY003979.D
Acq: 03 Feb 2021 22:54

Tgt Ion: 114 Resp: 43953
Ion Ratio Lower Upper
114 100
63 20.7 0.0 47.2
88 15.9 0.0 30.2

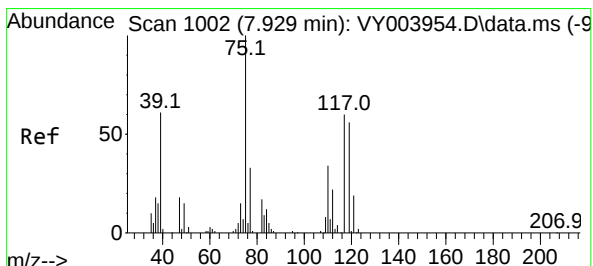
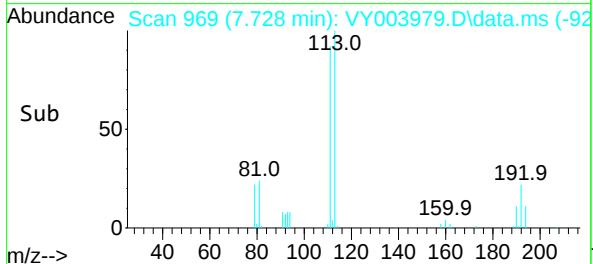
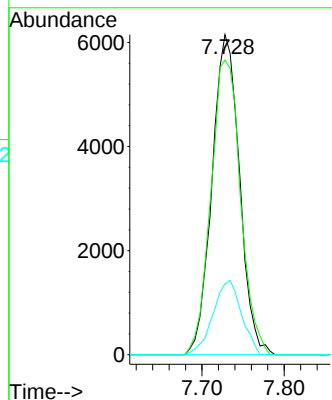
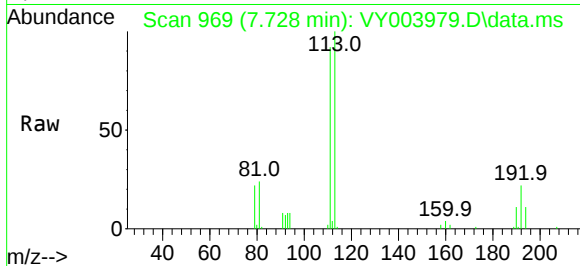




#35
Dibromofluoromethane
Concen: 55.63 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY003979.D
Acq: 03 Feb 2021 22:54

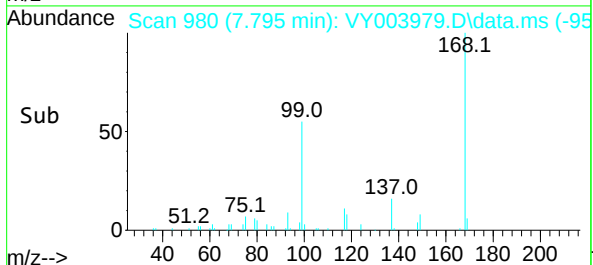
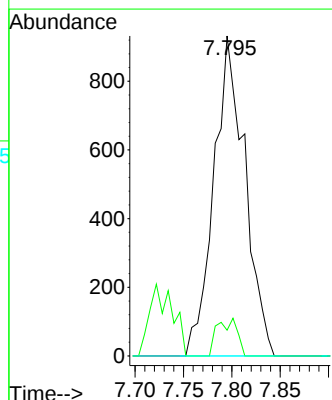
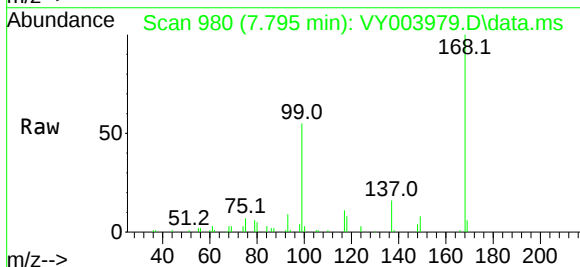
Instrument :
MSVOA_Y
ClientSampleId :

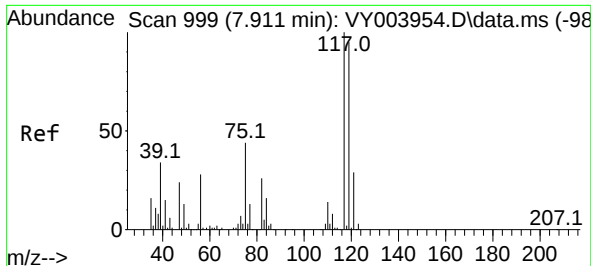
Tgt Ion:	113	Resp:	14297
Ion	Ratio	Lower	Upper
113	100		
111	99.2	82.2	123.4
192	24.0	18.3	27.5



#36
1,1-Dichloropropene
Concen: 4.70 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY003979.D
Acq: 03 Feb 2021 22:54

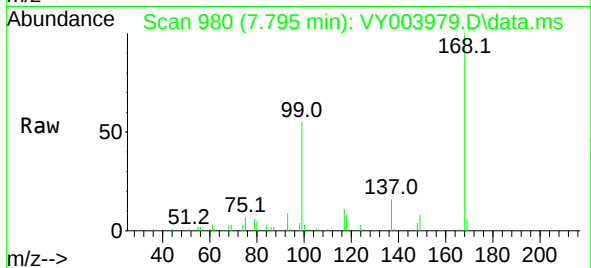
Tgt Ion:	75	Resp:	2089
Ion	Ratio	Lower	Upper
75	100		
110	7.5	17.9	53.8#
77	0.0	24.8	37.2#



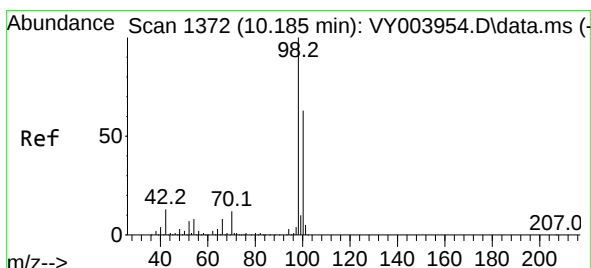
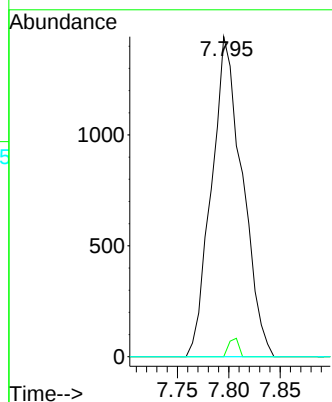
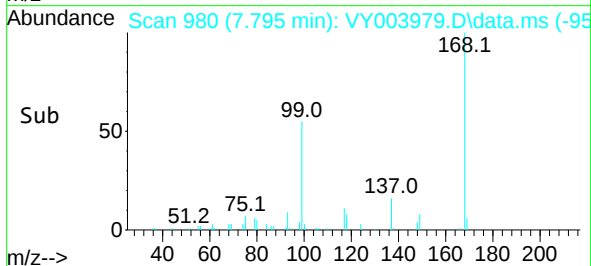


#38
Carbon Tetrachloride
Concen: 6.26 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY003979.D
Acq: 03 Feb 2021 22:54

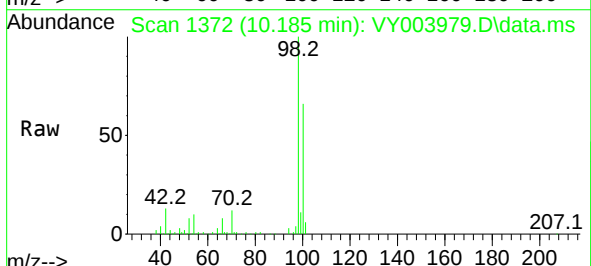
Instrument :
MSVOA_Y
ClientSampleId :



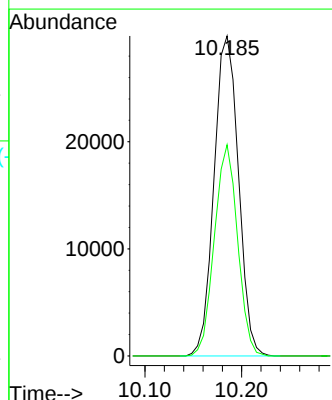
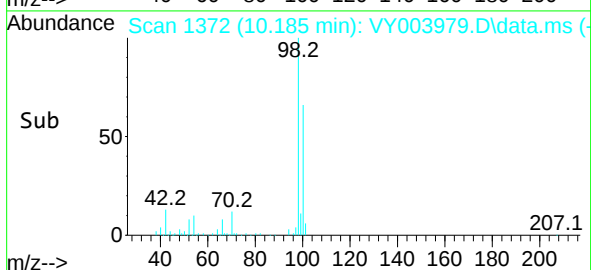
Tgt Ion:117 Resp: 3007
Ion Ratio Lower Upper
117 100
119 0.0 77.4 116.0#
121 0.0 26.1 39.1#

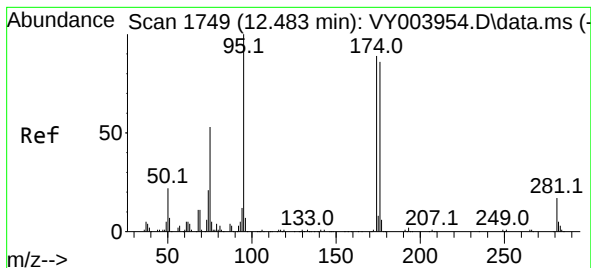


#50
Toluene-d8
Concen: 51.83 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY003979.D
Acq: 03 Feb 2021 22:54



Tgt Ion: 98 Resp: 52271
Ion Ratio Lower Upper
98 100
100 62.7 50.5 75.7

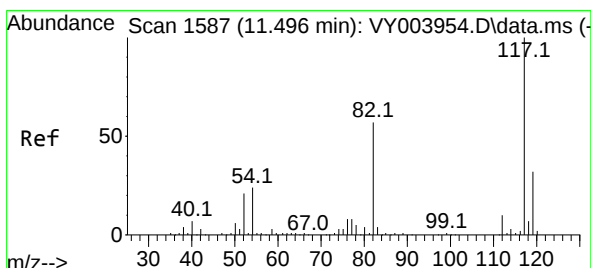
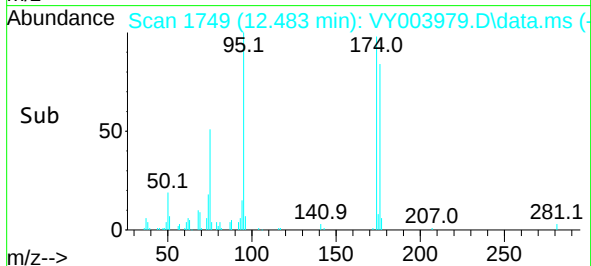
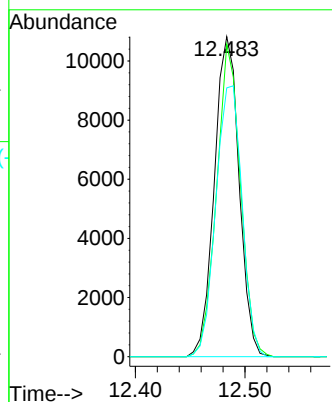
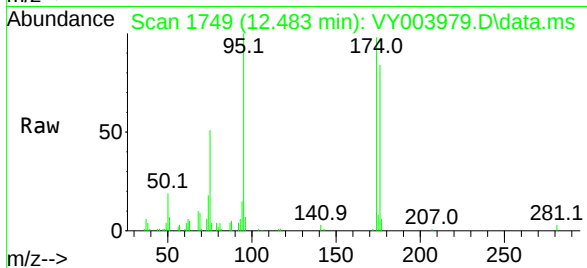




#62
4-Bromofluorobenzene
Concen: 46.18 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY003979.D
Acq: 03 Feb 2021 22:54

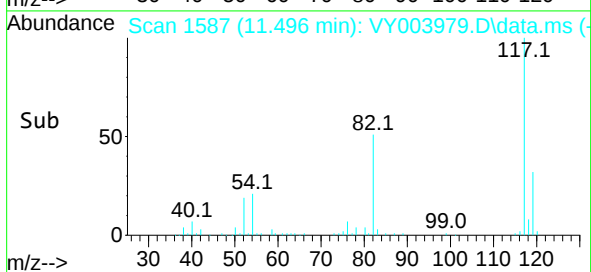
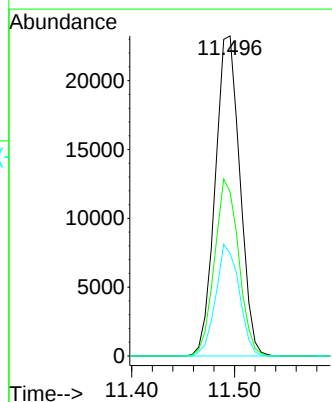
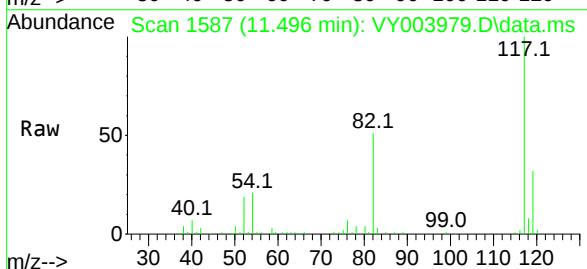
Instrument :
MSVOA_Y
ClientSampled :

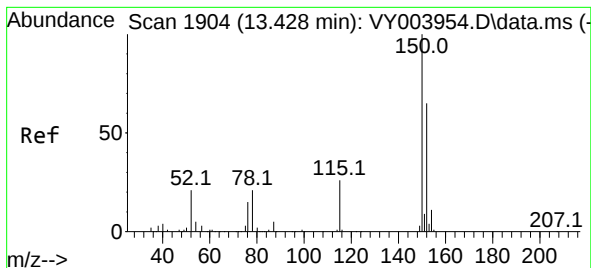
Tgt Ion: 95 Resp: 16976
Ion Ratio Lower Upper
95 100
174 94.0 0.0 184.4
176 89.7 0.0 177.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY003979.D
Acq: 03 Feb 2021 22:54

Tgt Ion: 117 Resp: 38692
Ion Ratio Lower Upper
117 100
82 51.3 44.3 66.5
119 32.0 25.0 37.6

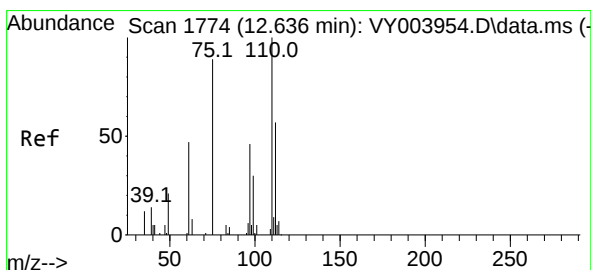
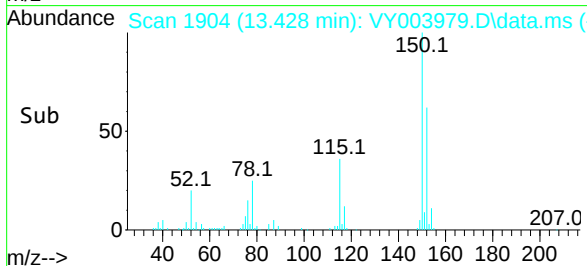
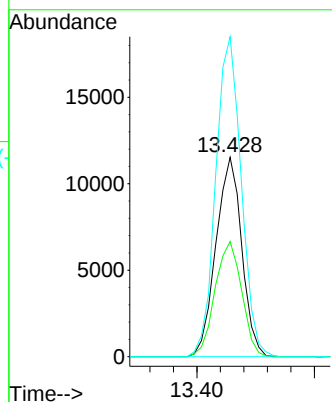
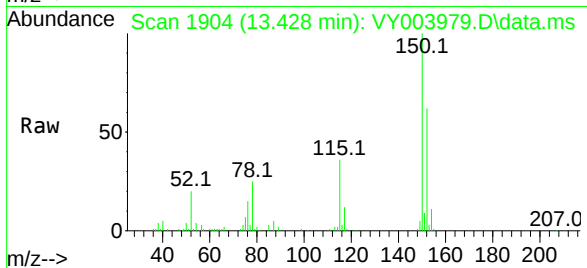




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY003979.D
Acq: 03 Feb 2021 22:54

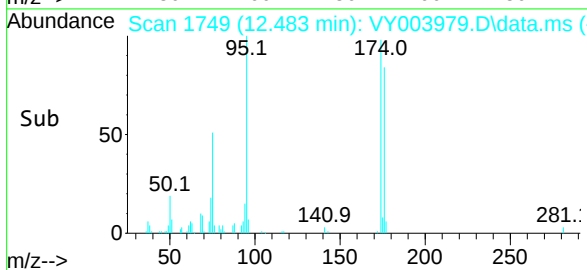
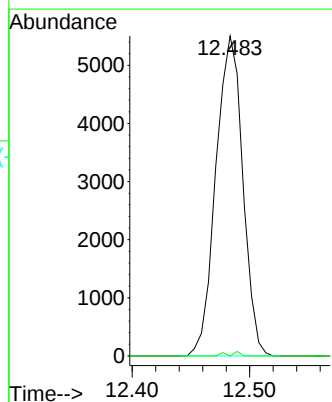
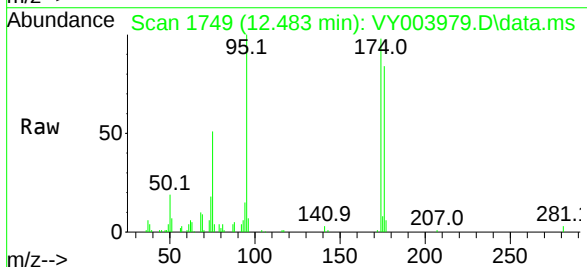
Instrument :
MSVOA_Y
ClientSampleId :

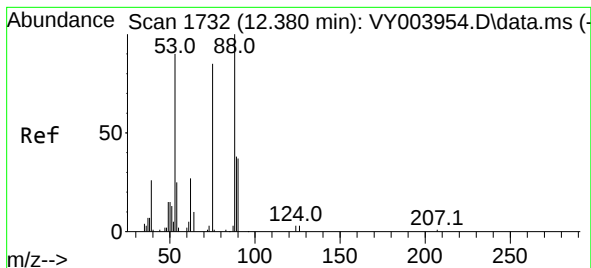
Tgt Ion:152 Resp: 17594
Ion Ratio Lower Upper
152 100
115 59.6 28.2 84.6
150 158.4 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 49.49 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY003979.D
Acq: 03 Feb 2021 22:54

Tgt Ion: 75 Resp: 8772
Ion Ratio Lower Upper
75 100
77 0.3 0.0 0.0#

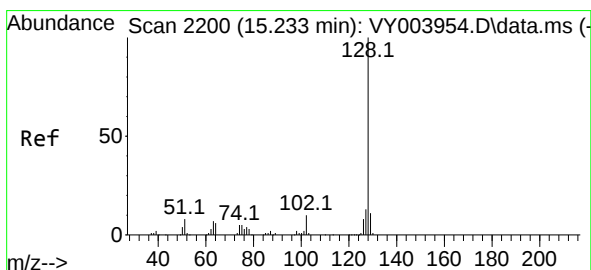
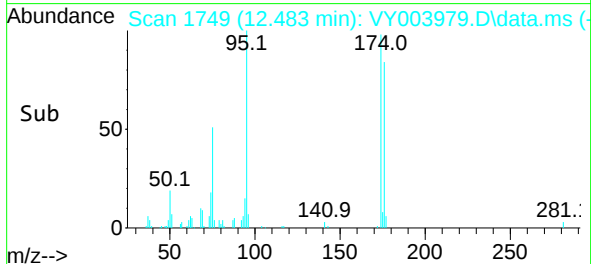
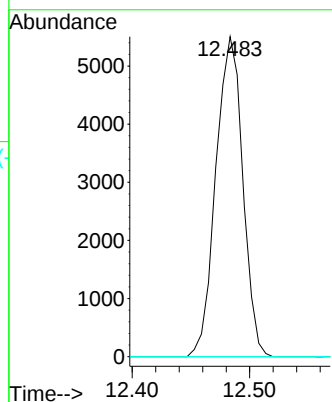
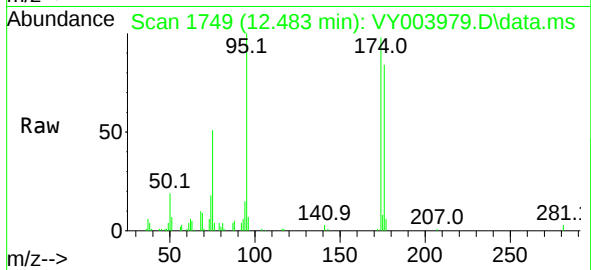




#81
trans-1,4-Dichloro-2-butene
Concen: 94.59 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY003979.D
Acq: 03 Feb 2021 22:54

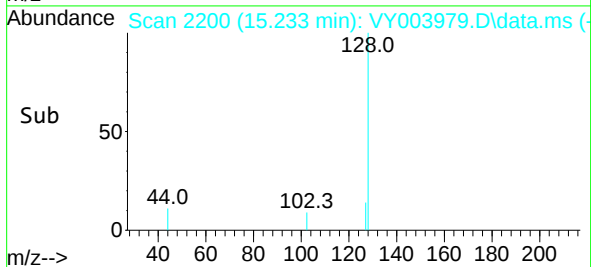
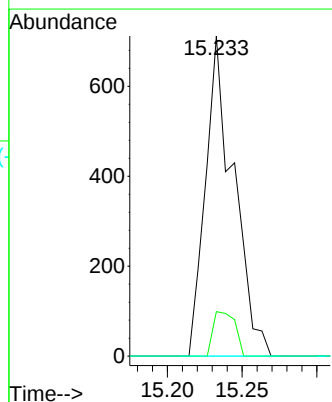
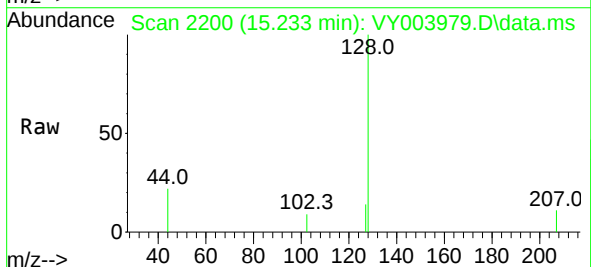
Instrument :
MSVOA_Y
ClientSampleId :

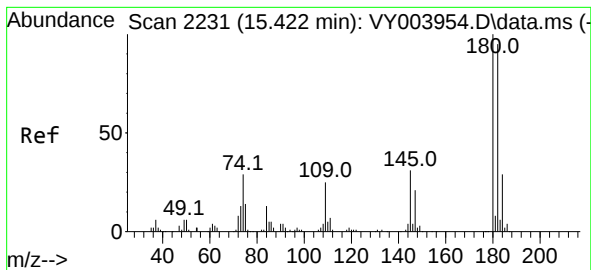
Tgt Ion: 75 Resp: 8772
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.2#
89 0.0 34.8 52.2#



#95
Naphthalene
Concen: 1.36 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY003979.D
Acq: 03 Feb 2021 22:54

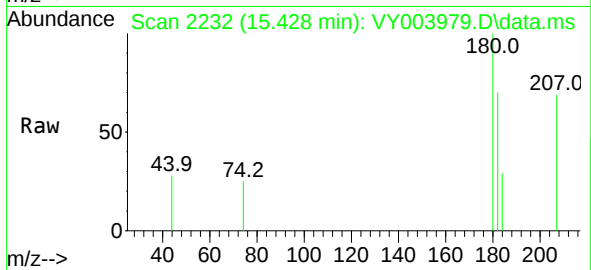
Tgt Ion: 128 Resp: 928
Ion Ratio Lower Upper
128 100
127 10.9 11.4 17.0#
129 0.0 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.13 ug/l
 RT: 15.428 min Scan# 2232
 Delta R.T. 0.006 min
 Lab File: VY003979.D
 Acq: 03 Feb 2021 22:54

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:180 Resp: 352
 Ion Ratio Lower Upper
 180 100
 182 104.0 47.7 143.1
 145 0.0 15.2 45.6#

