

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121620\
 Data File : VY003804.D
 Acq On : 16 Dec 2020 15:02
 Operator : SY/MD
 Sample : L5036-02
 Misc : 5.81G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 17 02:53:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y121520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 16 05:00:50 2020
 Response via : Initial Calibration

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

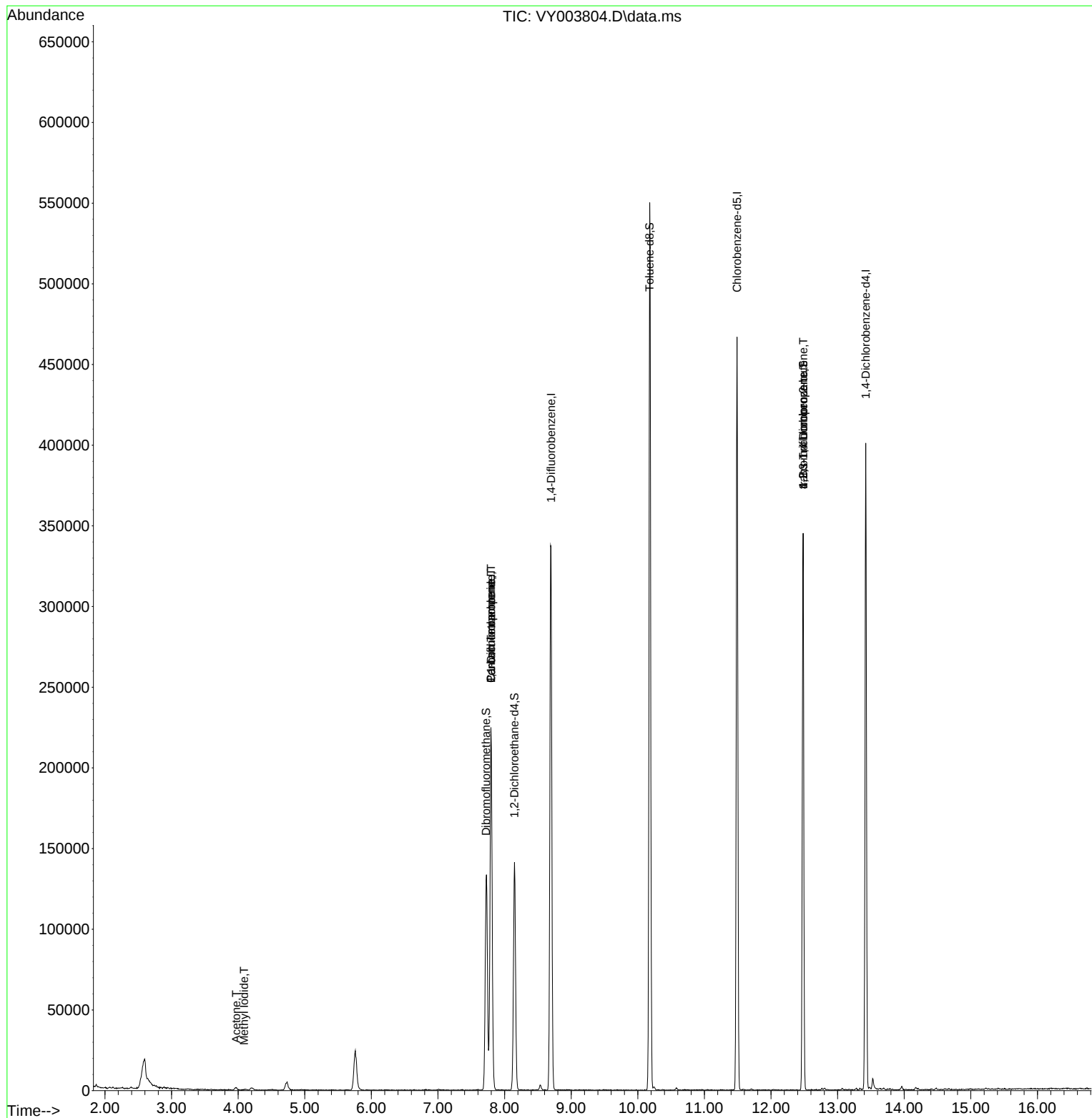
Internal Standards						
1) Pentafluorobenzene	7.795	168	180121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	305909	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	259260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	104639	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	105051	47.03	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.06%		
35) Dibromofluoromethane	7.722	113	94649	42.77	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	85.54%		
50) Toluene-d8	10.179	98	360539	41.15	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	82.30%		
62) 4-Bromofluorobenzene	12.483	95	100130	33.26	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	66.52%		
Target Compounds						
5) Bromomethane	2.631	94	613	Below Cal		95
10) Methyl Iodide	4.088	142	416	3.90 ug/l #		48
16) Acetone	3.973	43	2459	4.79 ug/l		90
20) Methylene Chloride	4.735	84	3591	Below Cal		96
36) 1,1-Dichloropropene	7.795	75	12525	3.64 ug/l #		51
38) Carbon Tetrachloride	7.795	117	16565	4.82 ug/l #		15
76) 1,2,3-Trichloropropane	12.483	75	50288	40.57 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.483	75	50288	76.82 ug/l #		5

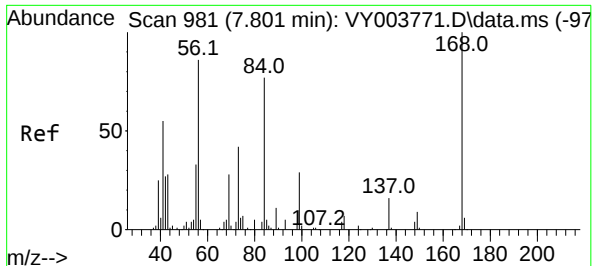
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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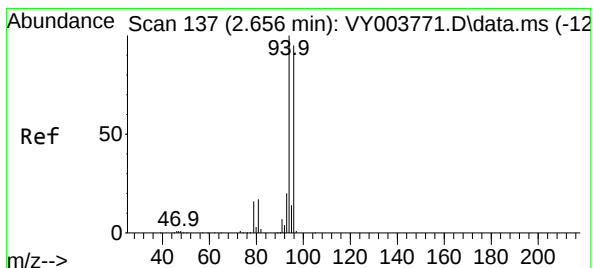
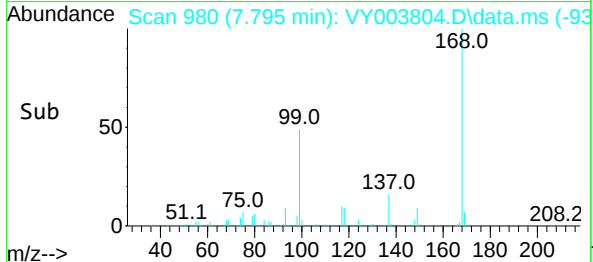
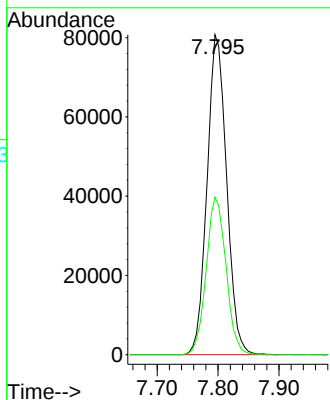
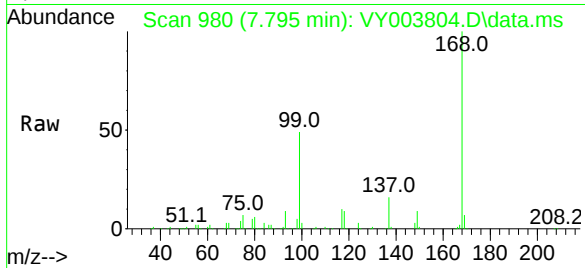




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY003804.D
Acq: 16 Dec 2020 15:02

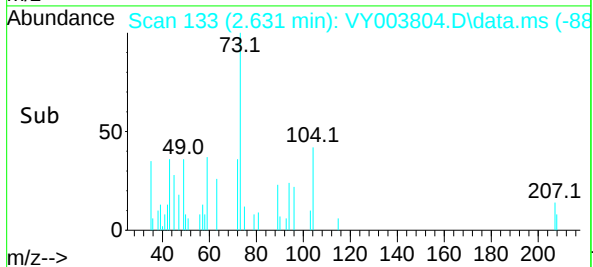
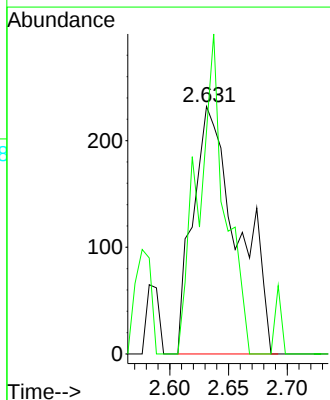
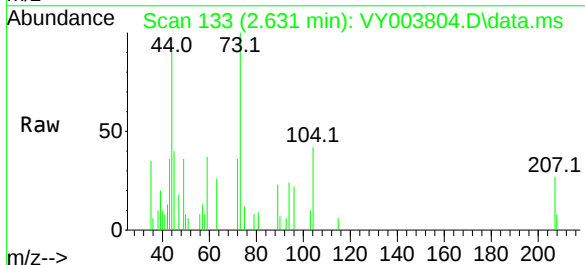
Instrument :
MSVOA_Y
ClientSampled :

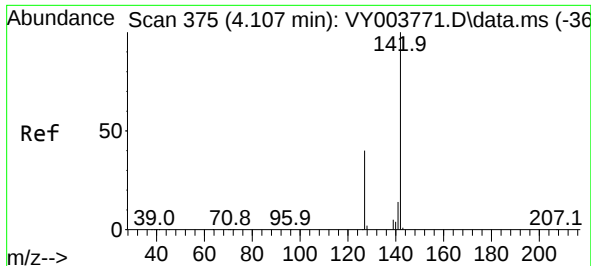
Tgt Ion:168 Resp: 180121
Ion Ratio Lower Upper
168 100
99 49.2 41.9 62.9



#5
Bromomethane
Concen: Below Cal
RT: 2.631 min Scan# 133
Delta R.T. -0.025 min
Lab File: VY003804.D
Acq: 16 Dec 2020 15:02

Tgt Ion: 94 Resp: 613
Ion Ratio Lower Upper
94 100
96 90.1 75.9 113.9





#10

Methyl Iodide

Concen: 3.90 ug/l

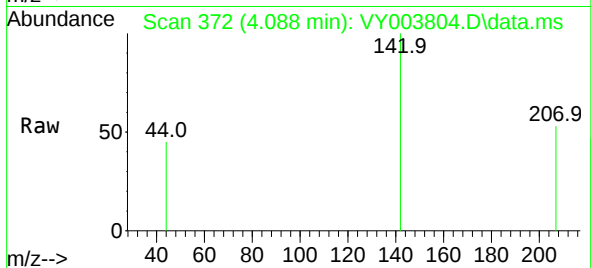
RT: 4.088 min Scan# 372

Delta R.T. -0.019 min

Lab File: VY003804.D

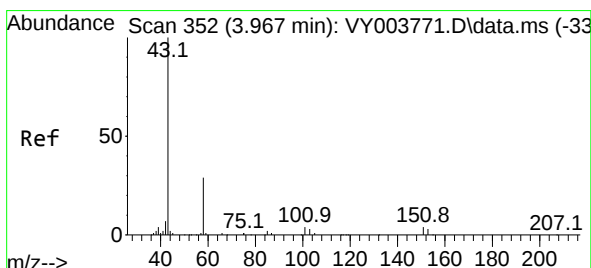
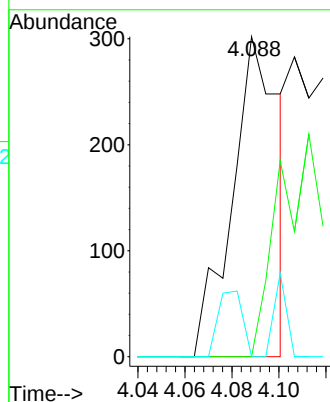
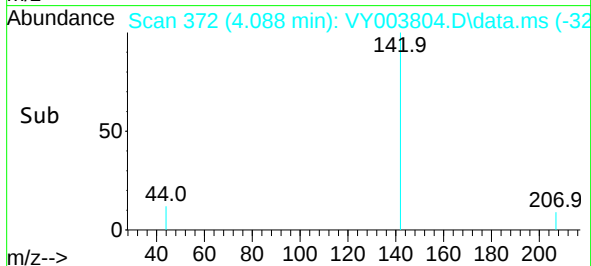
Acq: 16 Dec 2020 15:02

Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion:142 Resp: 416

Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.7	50.5#
141	10.8	11.4	17.2#



#16

Acetone

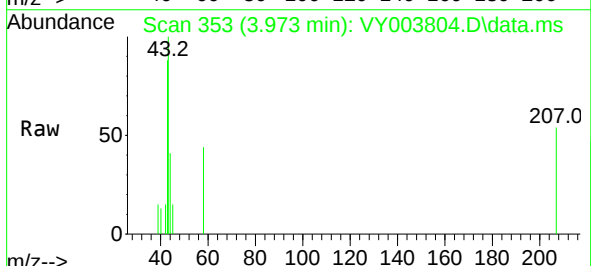
Concen: 4.79 ug/l

RT: 3.973 min Scan# 353

Delta R.T. 0.006 min

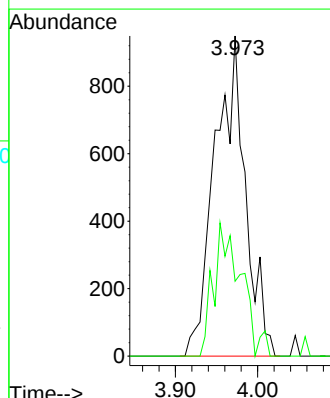
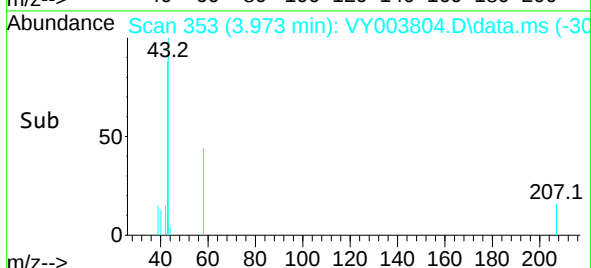
Lab File: VY003804.D

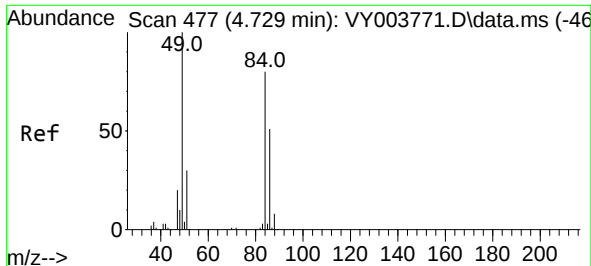
Acq: 16 Dec 2020 15:02



Tgt Ion: 43 Resp: 2459

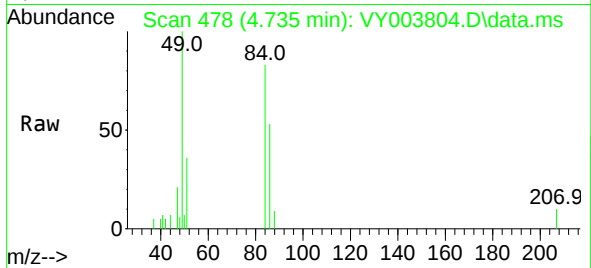
Ion	Ratio	Lower	Upper
43	100		
58	23.4	22.9	34.3





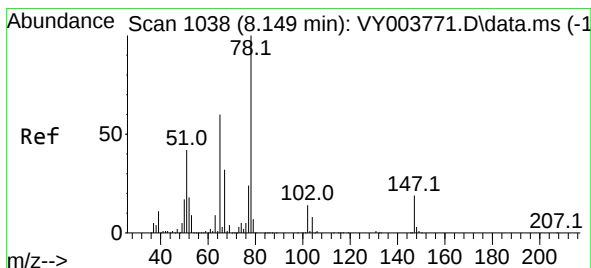
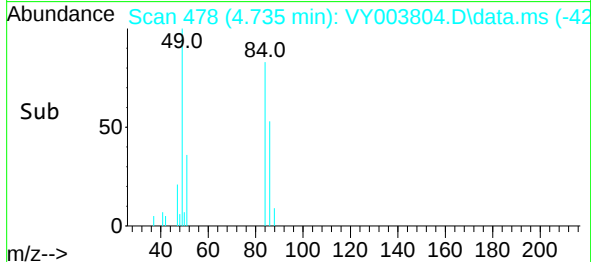
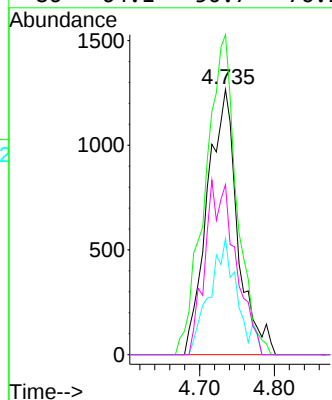
#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY003804.D
Acq: 16 Dec 2020 15:02

Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion: 84 Resp: 3591

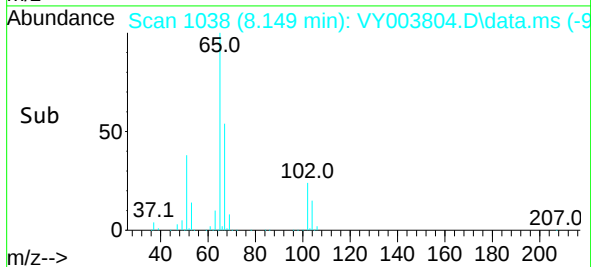
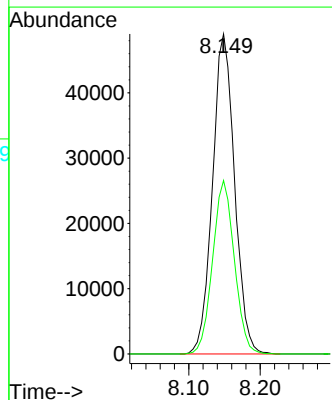
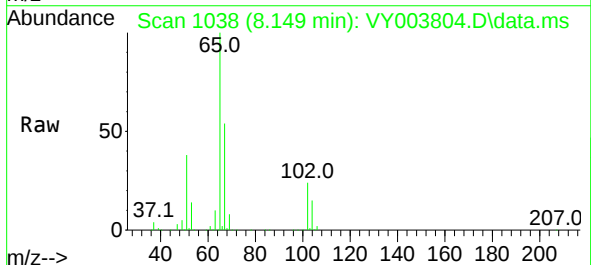
Ion	Ratio	Lower	Upper
84	100		
49	120.6	100.4	150.6
51	43.8	30.3	45.5
86	64.1	50.7	76.1

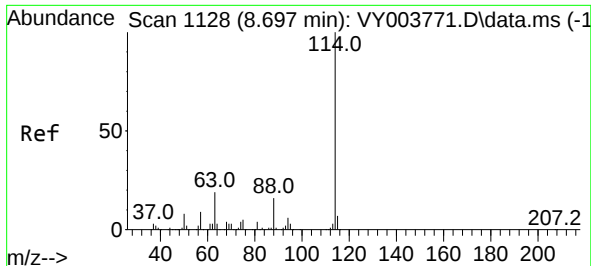


#33
1,2-Dichloroethane-d4
Concen: 47.03 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY003804.D
Acq: 16 Dec 2020 15:02

Tgt Ion: 65 Resp: 105051

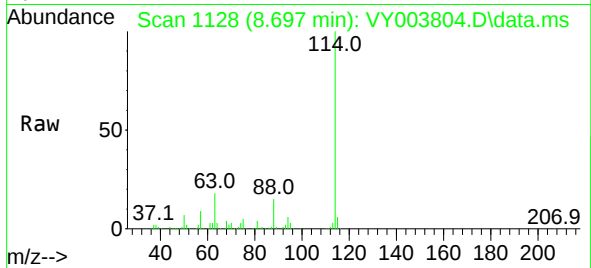
Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	107.6



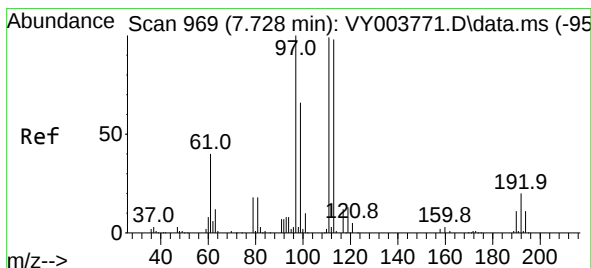
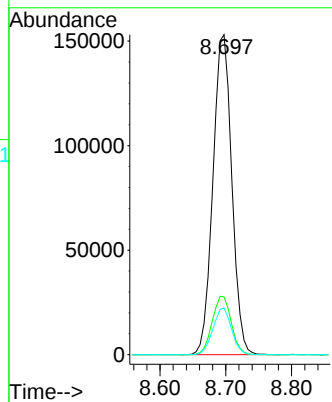
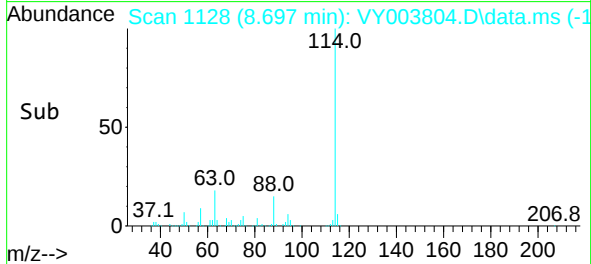


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY003804.D
Acq: 16 Dec 2020 15:02

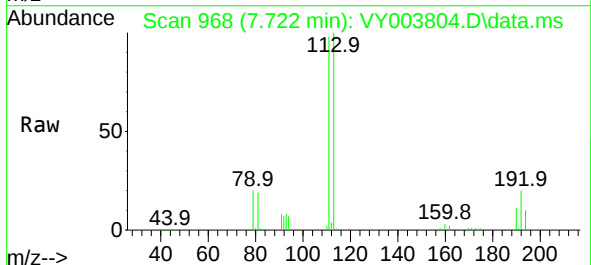
Instrument :
MSVOA_Y
ClientSampleId :



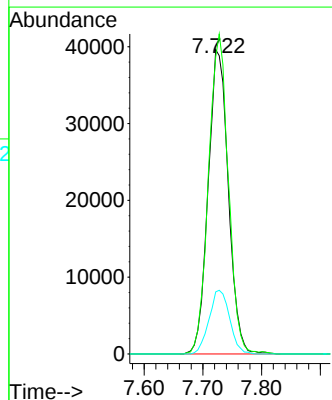
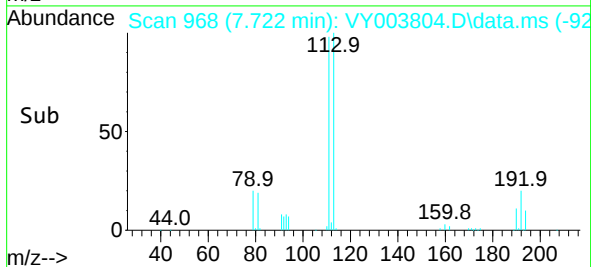
Tgt Ion:114 Resp: 305909
Ion Ratio Lower Upper
114 100
63 18.1 0.0 38.4
88 14.6 0.0 31.8

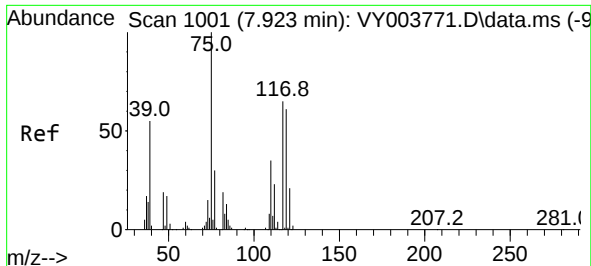


#35
Dibromofluoromethane
Concen: 42.77 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY003804.D
Acq: 16 Dec 2020 15:02



Tgt Ion:113 Resp: 94649
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 21.3 16.7 25.1

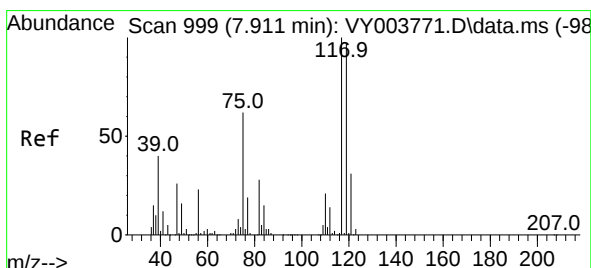
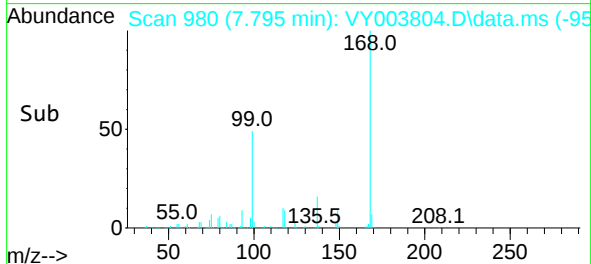
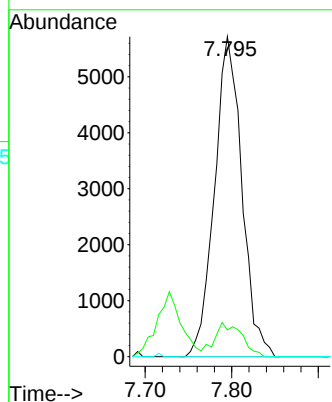
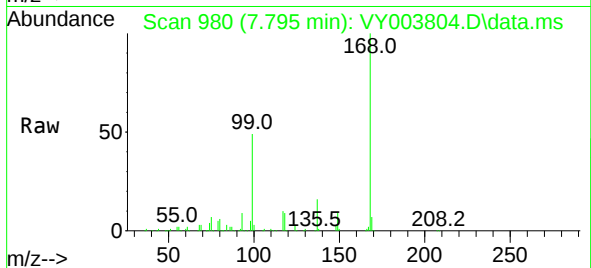




#36
1,1-Dichloropropene
Concen: 3.64 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY003804.D
Acq: 16 Dec 2020 15:02

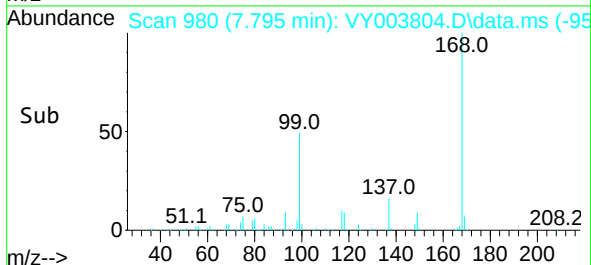
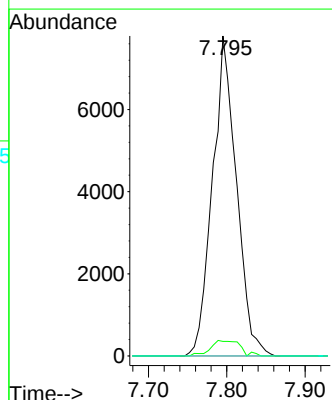
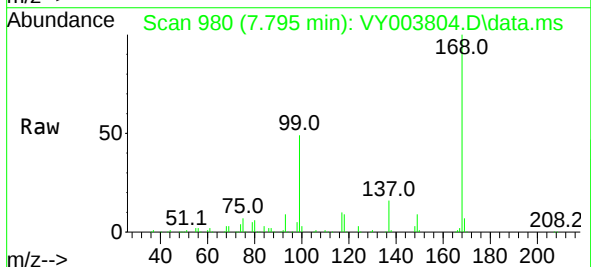
Instrument :
MSVOA_Y
ClientSampleId :

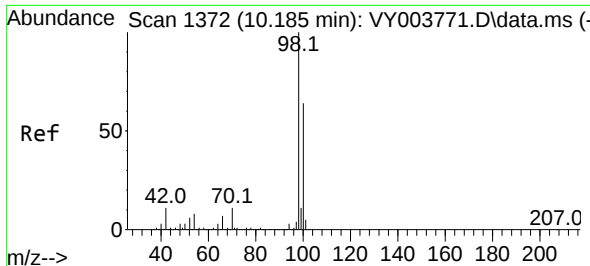
Tgt Ion: 75 Resp: 12525
Ion Ratio Lower Upper
75 100
110 10.6 18.1 54.1#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 4.82 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY003804.D
Acq: 16 Dec 2020 15:02

Tgt Ion: 117 Resp: 16565
Ion Ratio Lower Upper
117 100
119 4.5 77.2 115.8#
121 0.0 25.0 37.4#

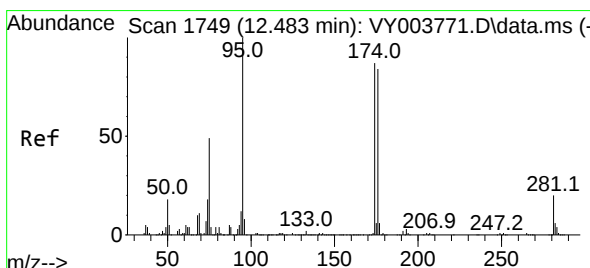
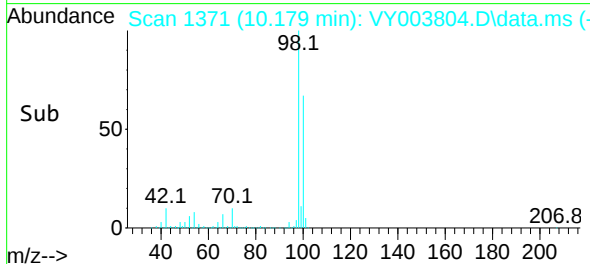
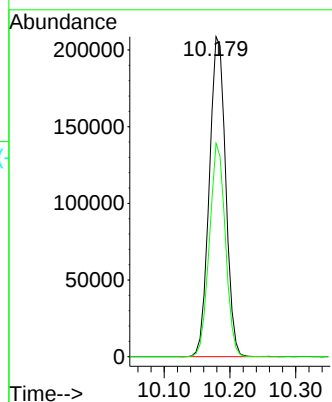
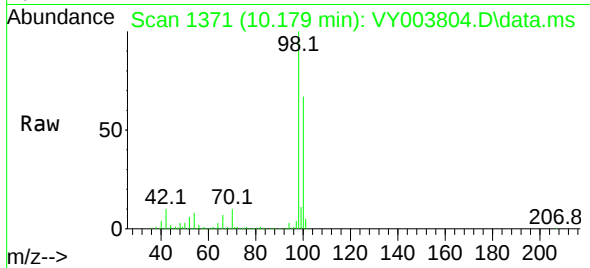




#50
Toluene-d8
Concen: 41.15 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY003804.D
Acq: 16 Dec 2020 15:02

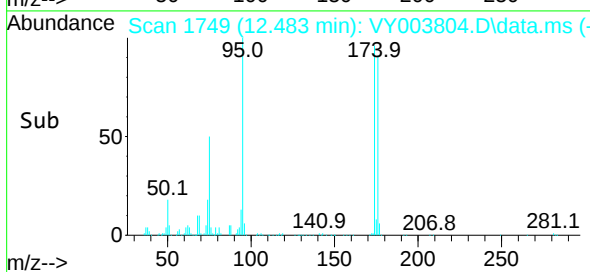
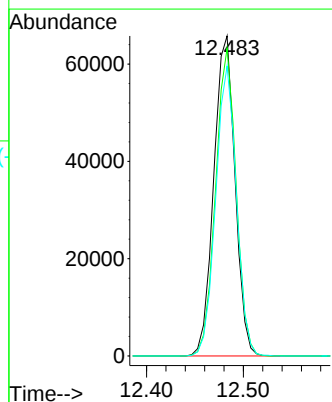
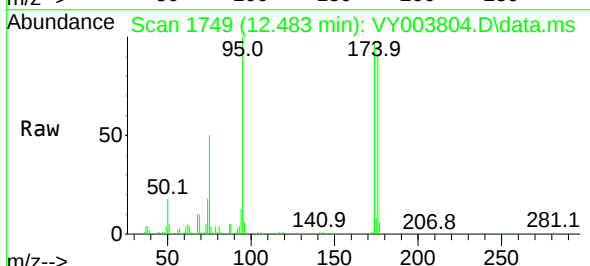
Instrument :
MSVOA_Y
ClientSampled :

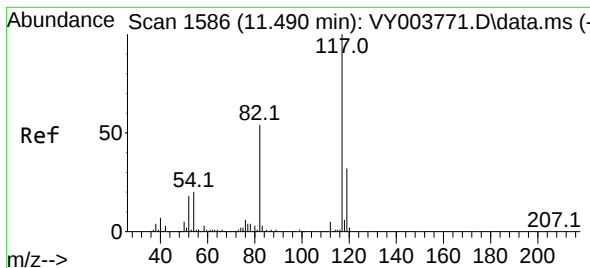
Tgt Ion: 98 Resp: 360539
Ion Ratio Lower Upper
98 100
100 65.0 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 33.26 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY003804.D
Acq: 16 Dec 2020 15:02

Tgt Ion: 95 Resp: 100130
Ion Ratio Lower Upper
95 100
174 93.1 0.0 170.8
176 88.4 0.0 165.0

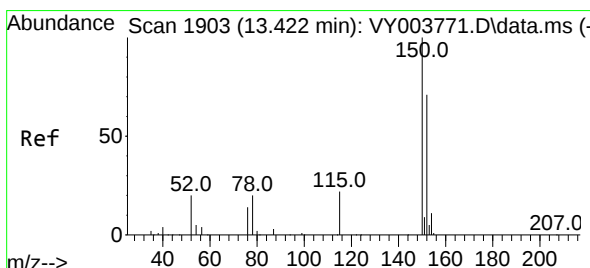
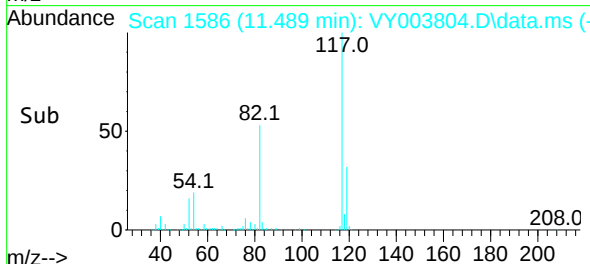
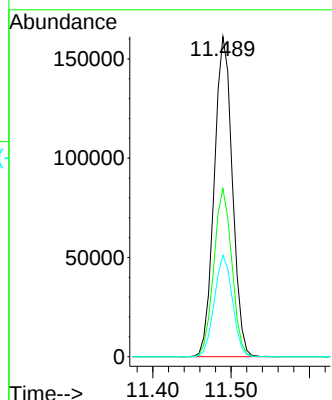
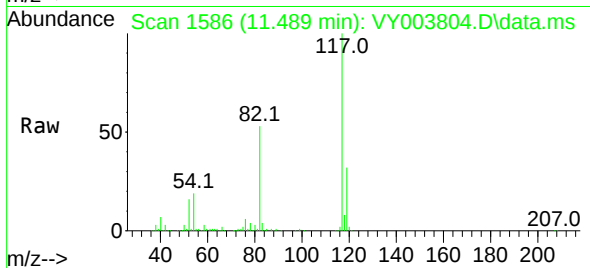




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY003804.D
Acq: 16 Dec 2020 15:02

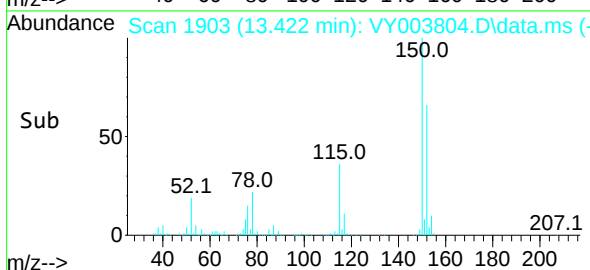
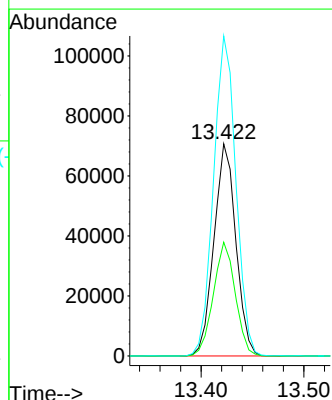
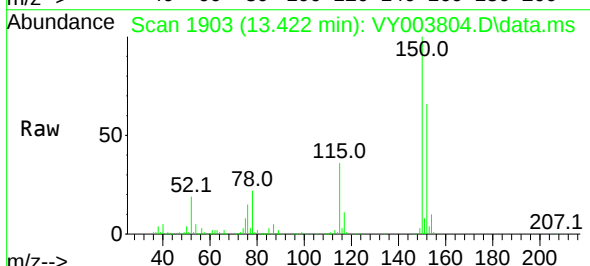
Instrument :
MSVOA_Y
ClientSampleId :

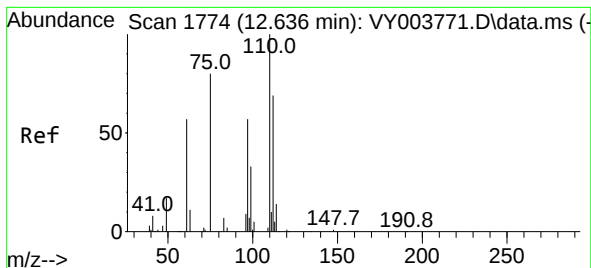
Tgt Ion:117 Resp: 259260
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.6
119 31.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY003804.D
Acq: 16 Dec 2020 15:02

Tgt Ion:152 Resp: 104639
Ion Ratio Lower Upper
152 100
115 53.5 28.0 83.9
150 154.0 0.0 347.6

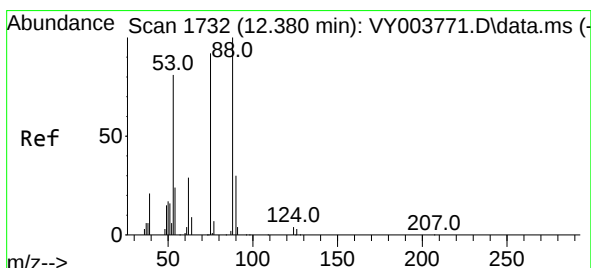
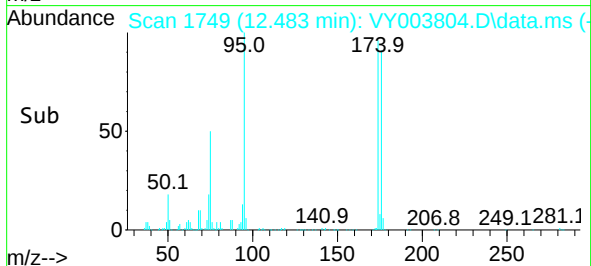
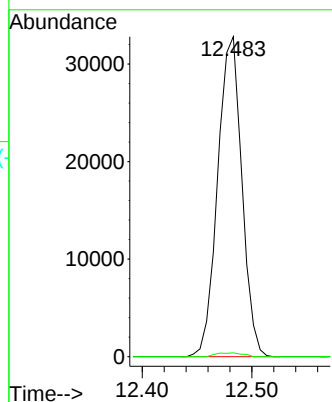
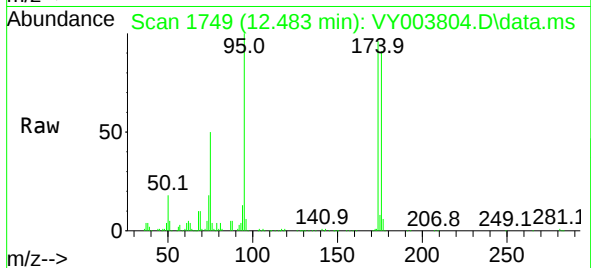




#76
1,2,3-Trichloropropane
Concen: 40.57 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY003804.D
Acq: 16 Dec 2020 15:02

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 50288
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.82 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY003804.D
Acq: 16 Dec 2020 15:02

Tgt Ion: 75 Resp: 50288
Ion Ratio Lower Upper
75 100
53 0.0 70.4 105.6#
89 0.0 0.0 0.0

