

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040821\
 Data File : VY004331.D
 Acq On : 08 Apr 2021 13:35
 Operator : SY/MD
 Sample : M1971-01
 Misc : 6.49G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 09 03:15:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	160210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	268924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	233320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94892	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	97348	63.21	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.42%
35) Dibromofluoromethane	7.728	113	80240	53.55	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.10%
50) Toluene-d8	10.184	98	321385	57.03	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.06%
62) 4-Bromofluorobenzene	12.483	95	101690	52.65	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.30%

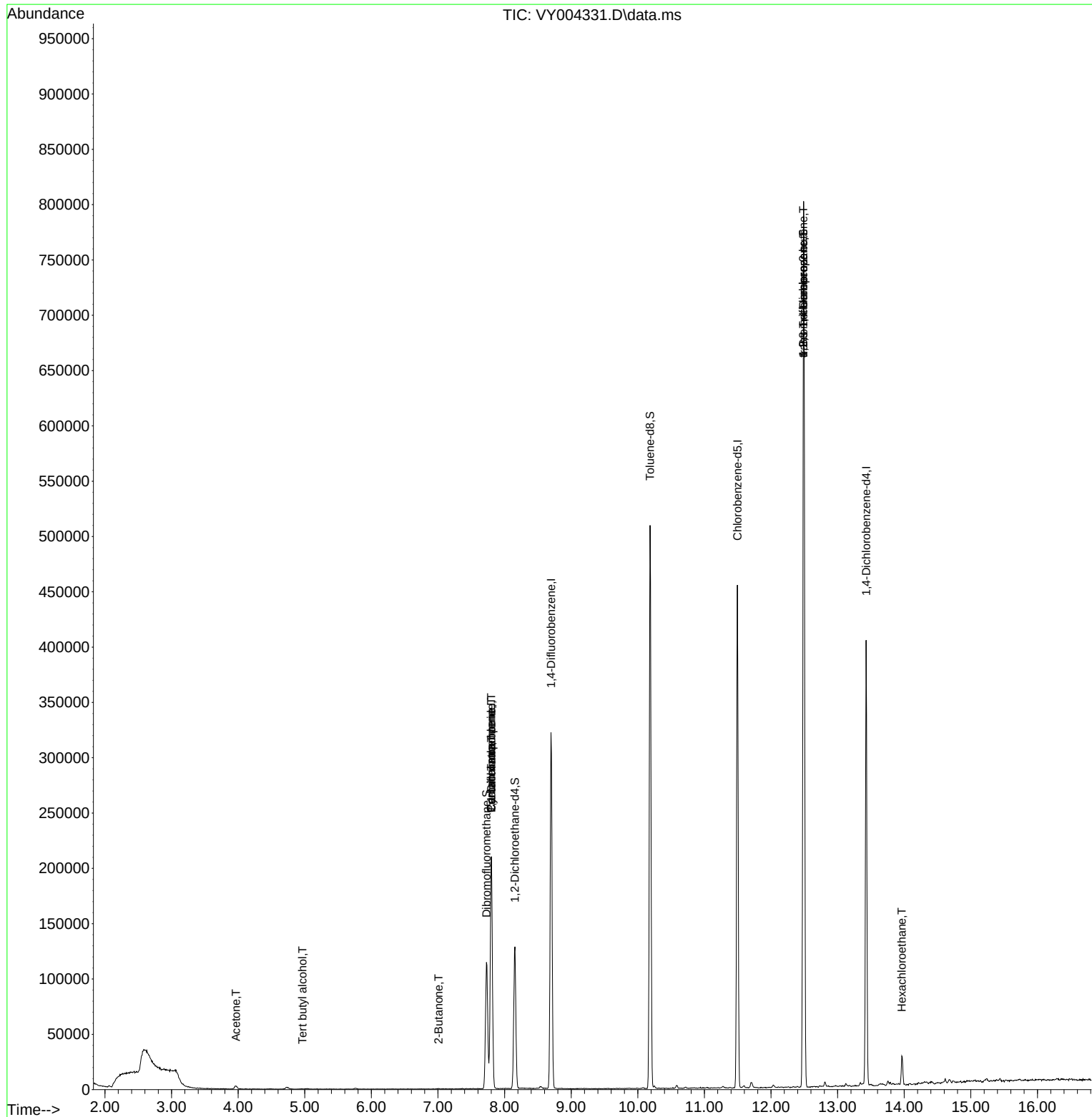
Target Compounds						Qvalue
11) Tert butyl alcohol	4.966	59	731	5.83	ug/l #	71
16) Acetone	3.966	43	4824	15.03	ug/l #	86
20) Methylene Chloride	4.734	84	1206	Below Cal		87
25) 2-Butanone	7.008	43	773	1.44	ug/l	96
31) Cyclohexane	7.801	56	3708	1.36	ug/l #	22
36) 1,1-Dichloropropene	7.801	75	12491	5.09	ug/l #	49
38) Carbon Tetrachloride	7.801	117	16171	7.57	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	59787	69.38	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	59787	127.88	ug/l #	11
90) Hexachloroethane	13.964	117	294	7.74	ug/l #	12

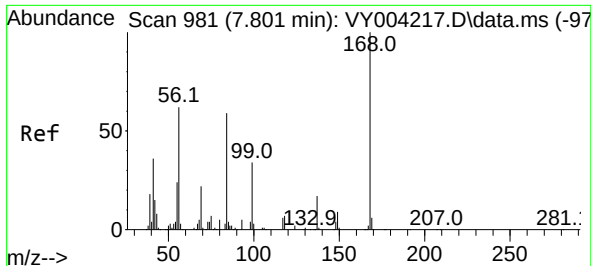
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Mar 30 06:38:14 2021
Response via : Initial Calibration

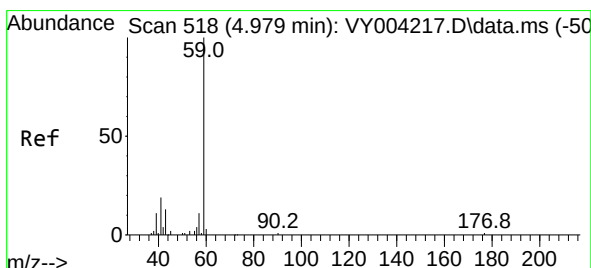
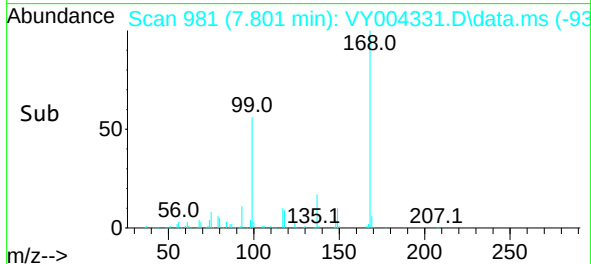
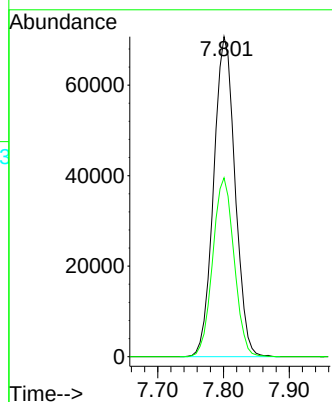
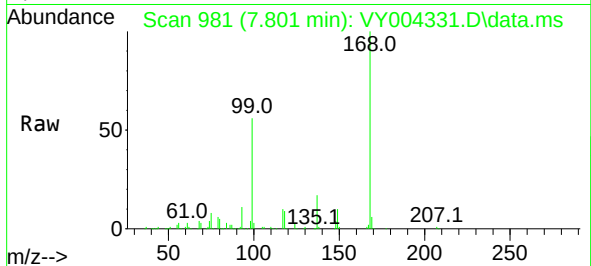




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004331.D
Acq: 08 Apr 2021 13:35

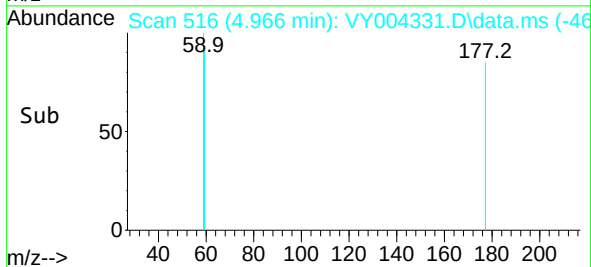
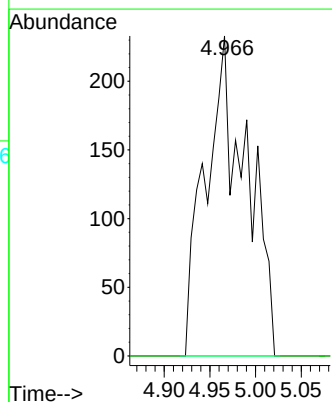
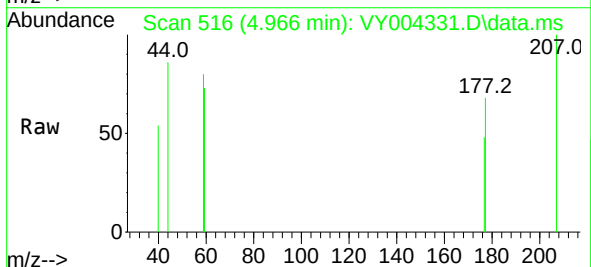
Instrument :
MSVOA_Y
ClientSampleId :

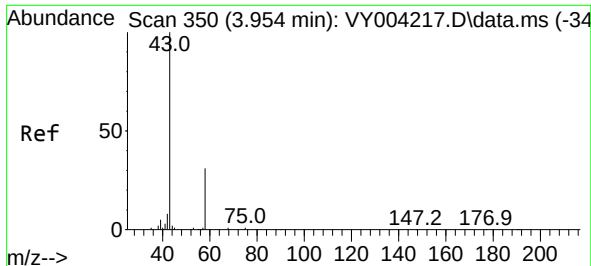
Tgt Ion:168 Resp: 160210
Ion Ratio Lower Upper
168 100
99 55.9 42.6 64.0



#11
Tert butyl alcohol
Concen: 5.83 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.013 min
Lab File: VY004331.D
Acq: 08 Apr 2021 13:35

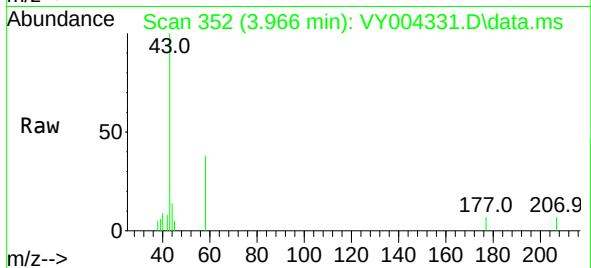
Tgt Ion: 59 Resp: 731
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



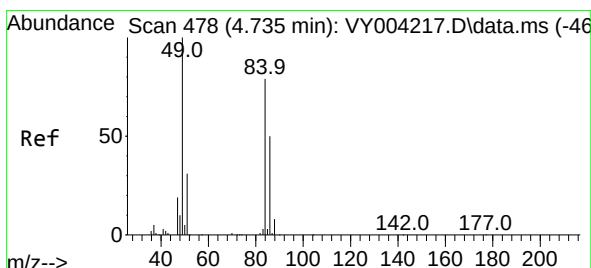
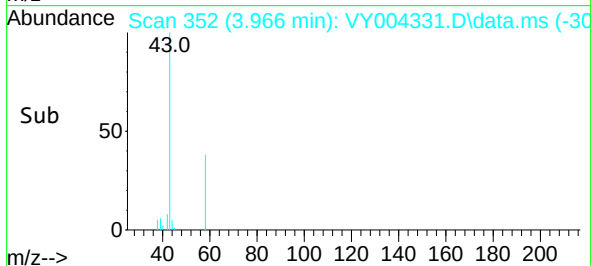
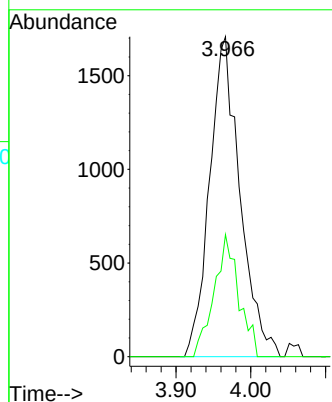


#16
Acetone
Concen: 15.03 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY004331.D
Acq: 08 Apr 2021 13:35

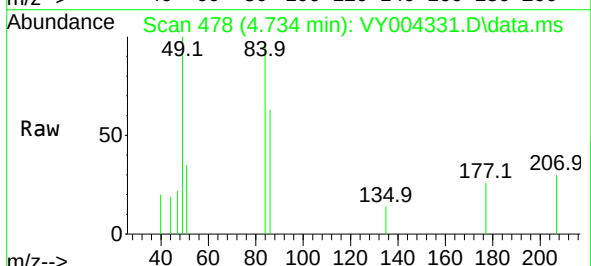
Instrument :
MSVOA_Y
ClientSampled :



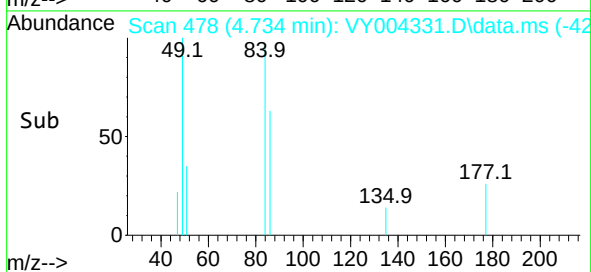
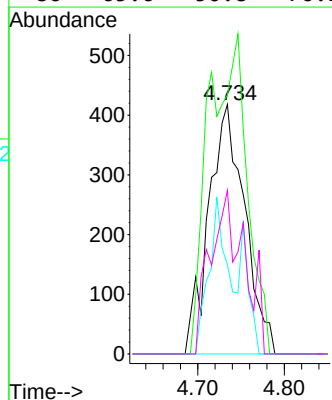
Tgt Ion: 43 Resp: 4824
Ion Ratio Lower Upper
43 100
58 38.2 24.5 36.7#

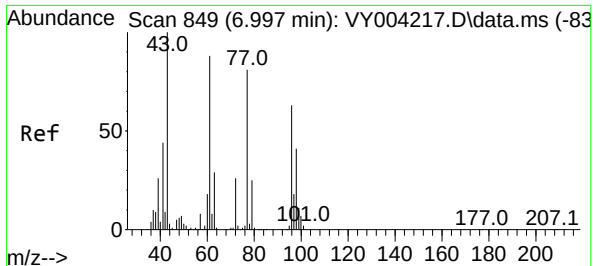


#20
Methylene Chloride
Concen: Below Cal
RT: 4.734 min Scan# 478
Delta R.T. -0.001 min
Lab File: VY004331.D
Acq: 08 Apr 2021 13:35



Tgt Ion: 84 Resp: 1206
Ion Ratio Lower Upper
84 100
49 103.8 101.5 152.3
51 35.9 31.5 47.3
86 65.6 50.8 76.2





#25

2-Butanone

Concen: 1.44 ug/l

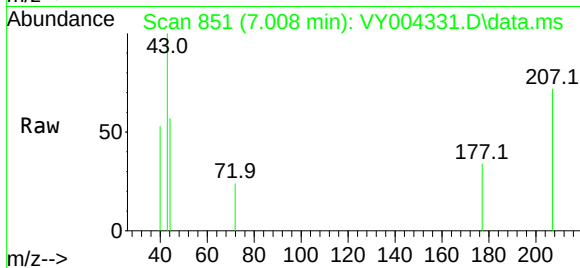
RT: 7.008 min Scan# 851

Delta R.T. 0.012 min

Lab File: VY004331.D

Acq: 08 Apr 2021 13:35

Instrument :
MSVOA_Y
ClientSampled :

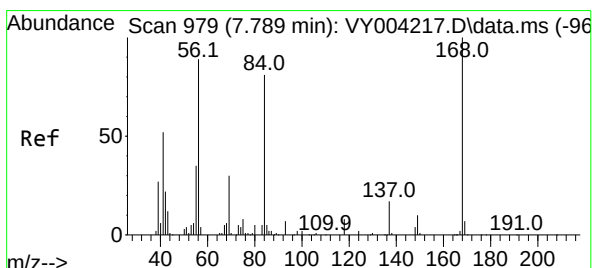
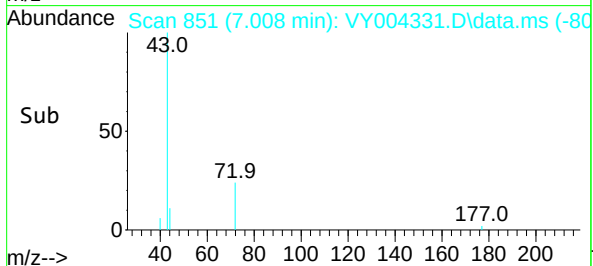
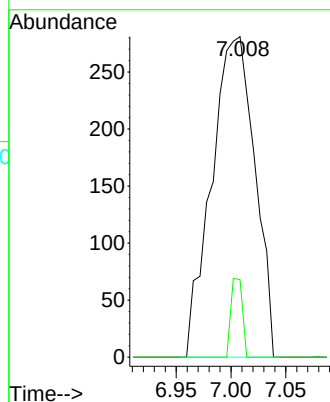


Tgt Ion: 43 Resp: 773

Ion Ratio Lower Upper

43 100

72 24.2 21.0 31.6



#31

Cyclohexane

Concen: 1.36 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.012 min

Lab File: VY004331.D

Acq: 08 Apr 2021 13:35

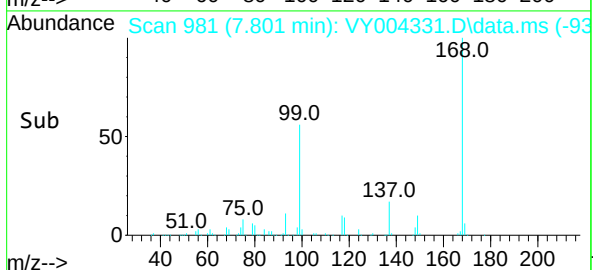
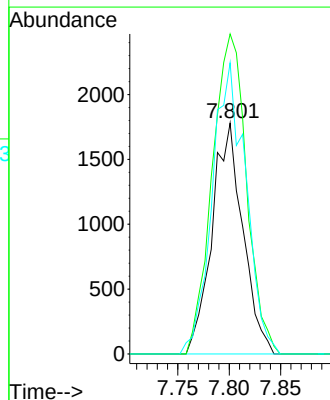
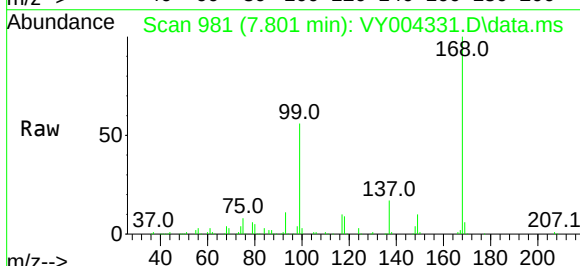
Tgt Ion: 56 Resp: 3708

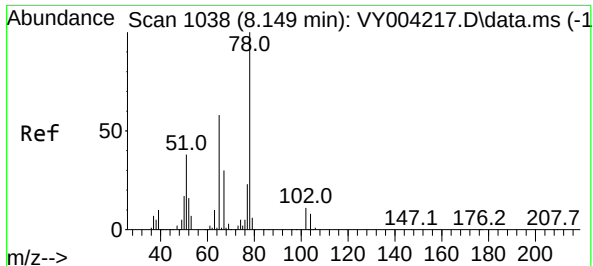
Ion Ratio Lower Upper

56 100

69 138.6 26.6 40.0#

84 126.1 72.3 108.5#

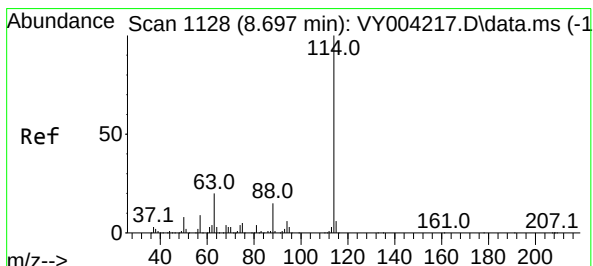
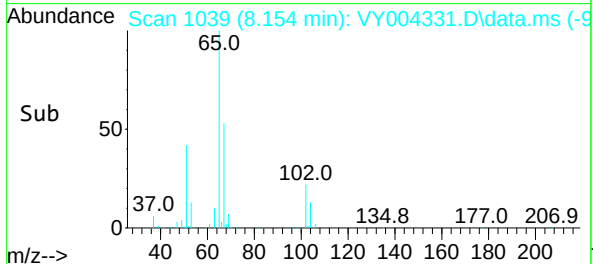
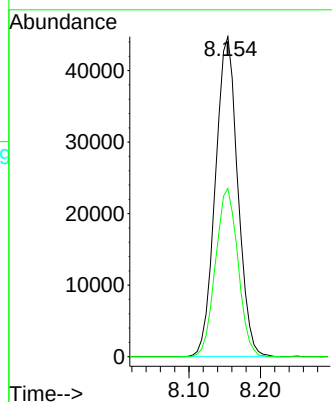
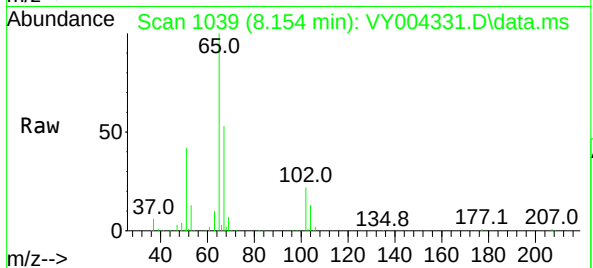




#33
1,2-Dichloroethane-d4
Concen: 63.21 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004331.D
Acq: 08 Apr 2021 13:35

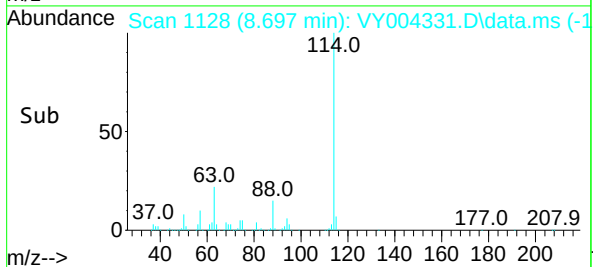
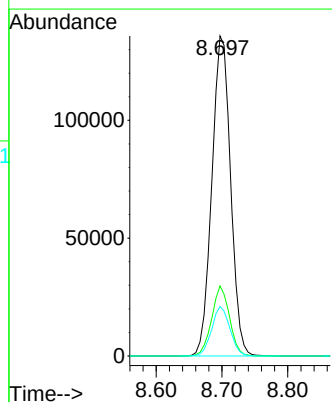
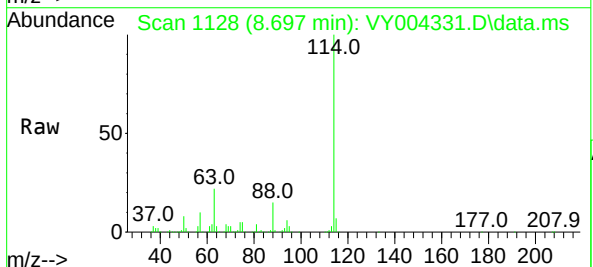
Instrument :
MSVOA_Y
ClientSampled :

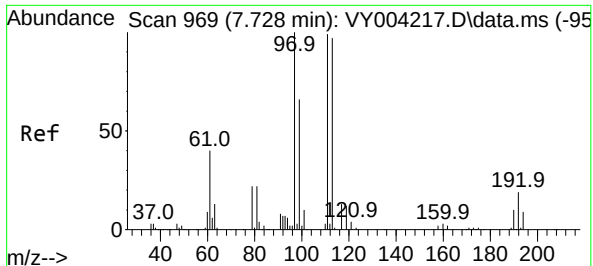
Tgt Ion: 65 Resp: 97348
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004331.D
Acq: 08 Apr 2021 13:35

Tgt Ion: 114 Resp: 268924
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.4
88 15.4 0.0 30.8

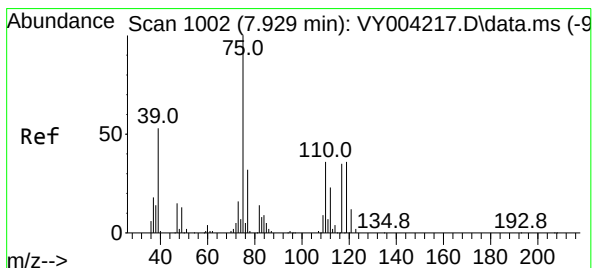
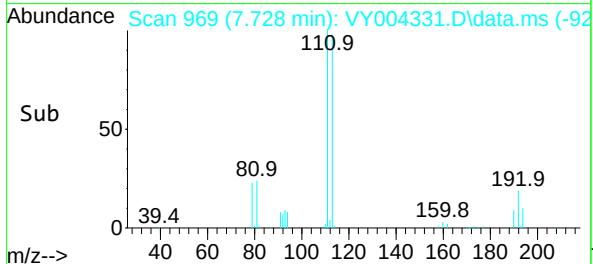
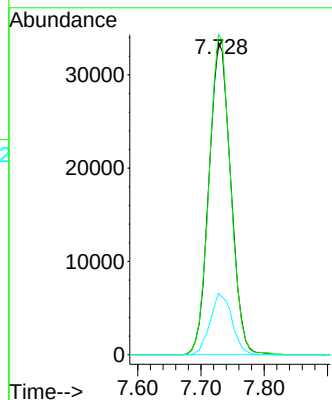
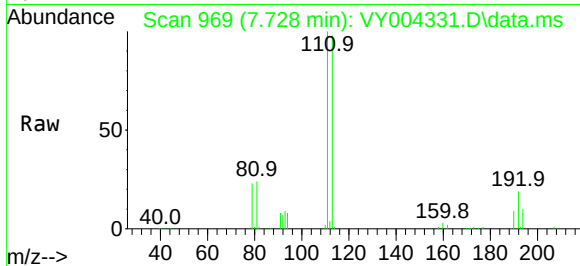




#35
Dibromofluoromethane
Concen: 53.55 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004331.D
Acq: 08 Apr 2021 13:35

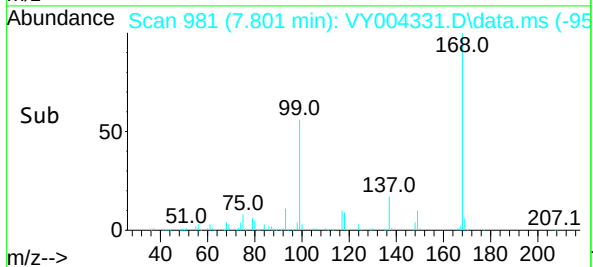
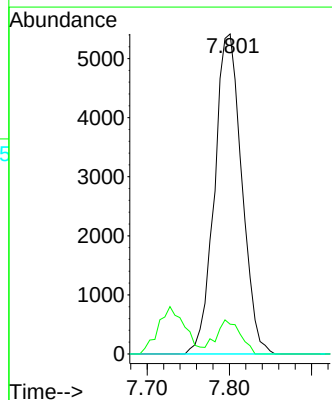
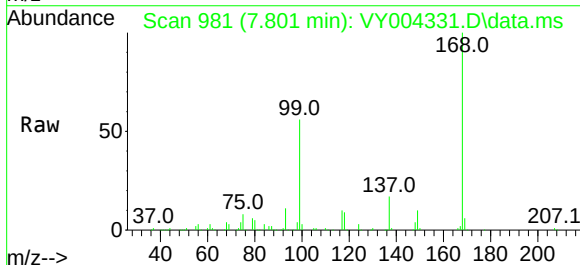
Instrument :
MSVOA_Y
ClientSampleId :

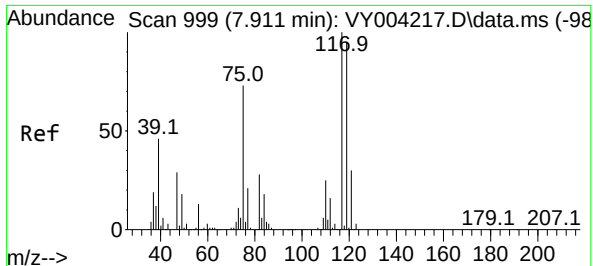
Tgt Ion:	113	Resp:	80240
Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.6	124.0
192	19.6	16.4	24.6



#36
1,1-Dichloropropene
Concen: 5.09 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004331.D
Acq: 08 Apr 2021 13:35

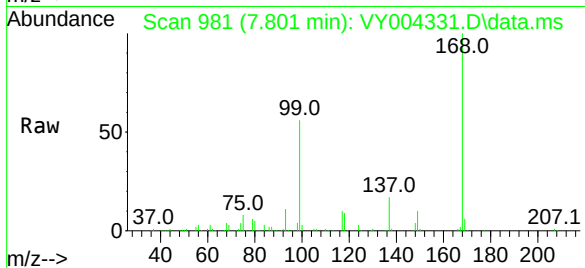
Tgt Ion:	75	Resp:	12491
Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.3#
77	0.0	25.1	37.7#



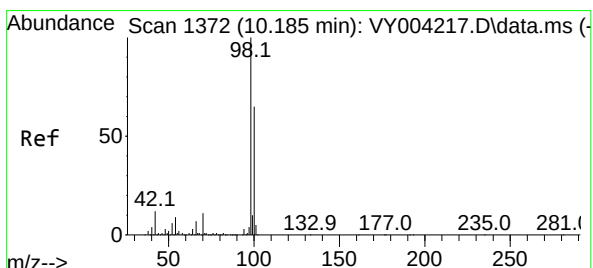
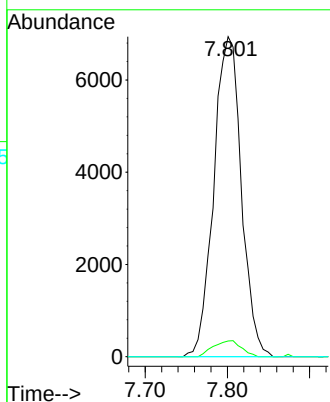
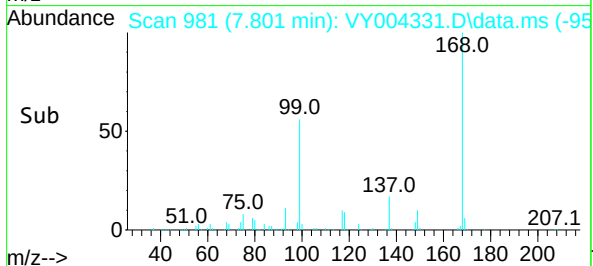


#38
Carbon Tetrachloride
Concen: 7.57 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004331.D
Acq: 08 Apr 2021 13:35

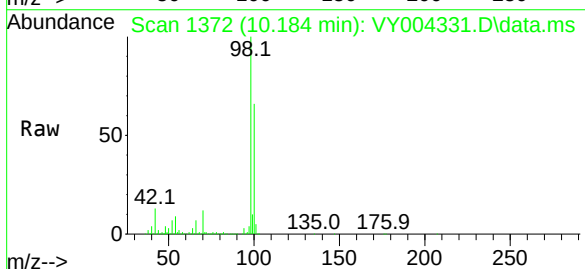
Instrument :
MSVOA_Y
ClientSampleId :



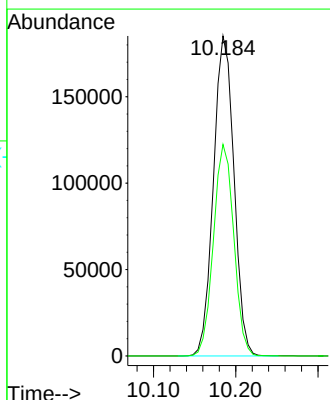
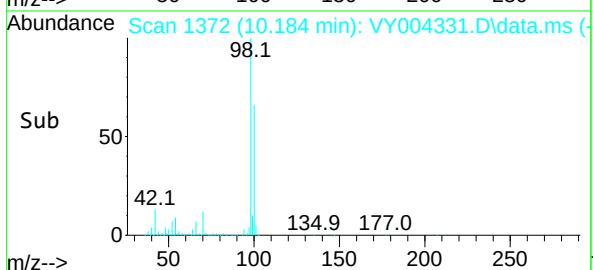
Tgt Ion:117 Resp: 16171
Ion Ratio Lower Upper
117 100
119 4.9 75.6 113.4#
121 0.0 24.3 36.5#

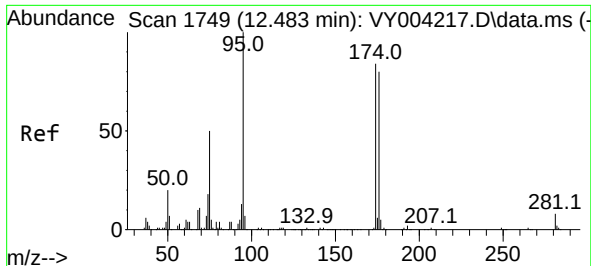


#50
Toluene-d8
Concen: 57.03 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004331.D
Acq: 08 Apr 2021 13:35



Tgt Ion: 98 Resp: 321385
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

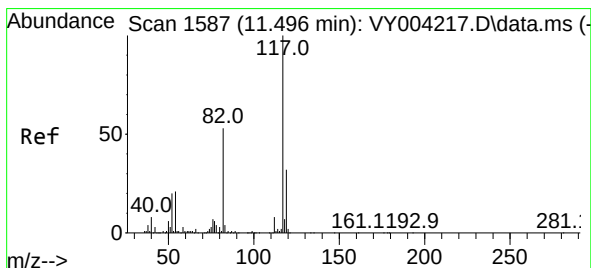
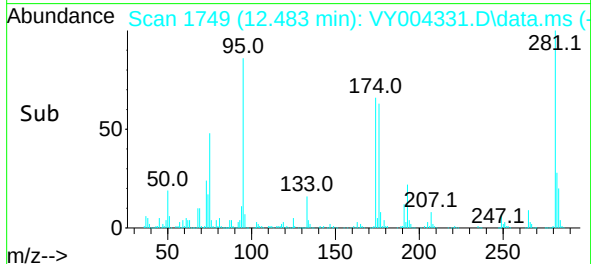
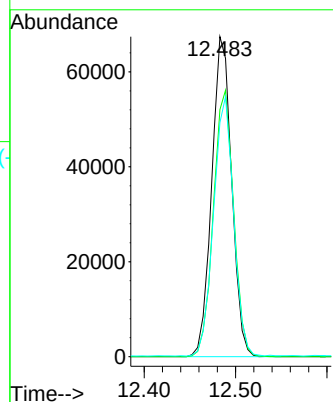
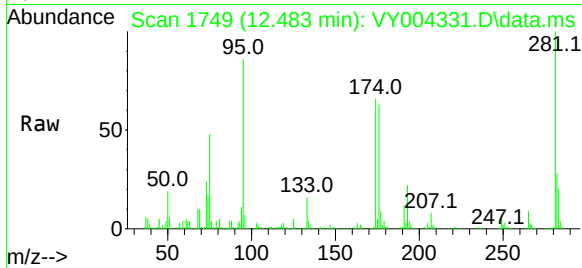




#62
4-Bromofluorobenzene
Concen: 52.65 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004331.D
Acq: 08 Apr 2021 13:35

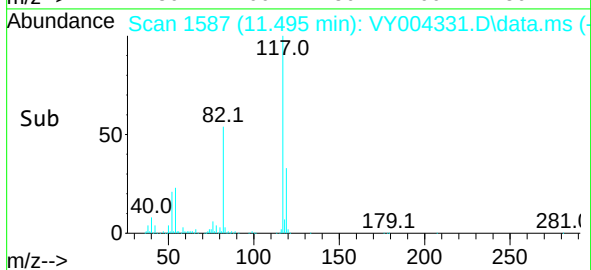
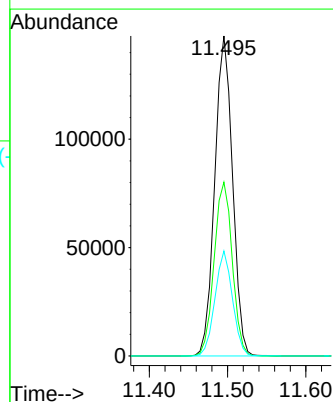
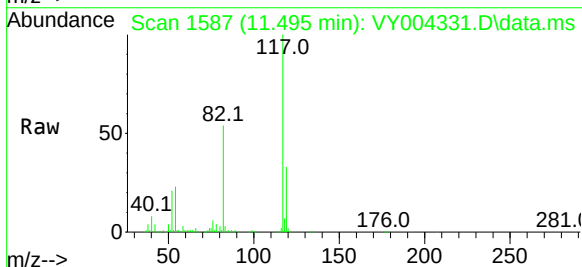
Instrument :
MSVOA_Y
ClientSampleId :

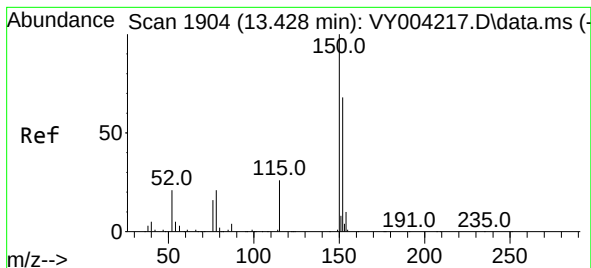
Tgt Ion: 95 Resp: 101690
Ion Ratio Lower Upper
95 100
174 84.7 0.0 171.4
176 81.8 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004331.D
Acq: 08 Apr 2021 13:35

Tgt Ion: 117 Resp: 233320
Ion Ratio Lower Upper
117 100
82 54.3 42.7 64.1
119 32.8 25.7 38.5

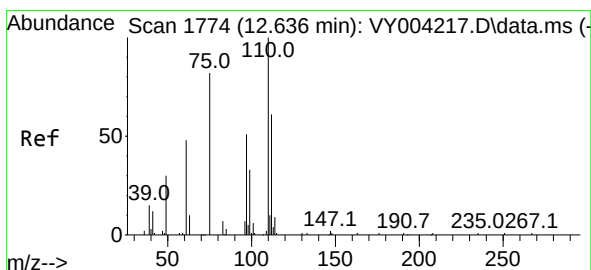
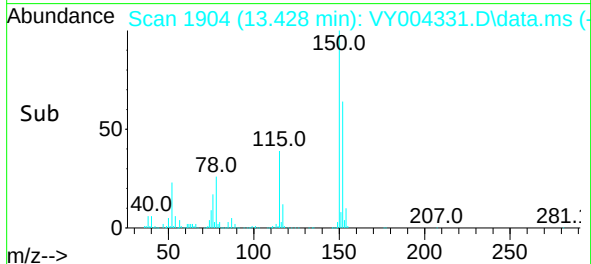
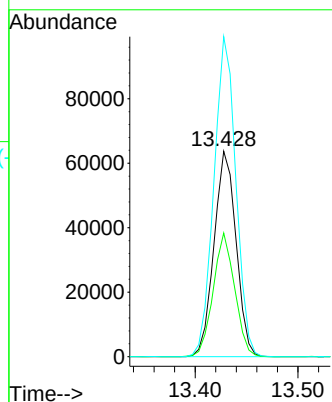
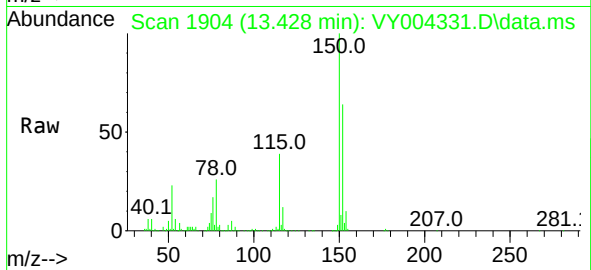




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004331.D
 Acq: 08 Apr 2021 13:35

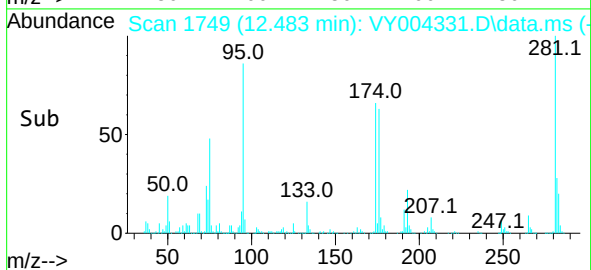
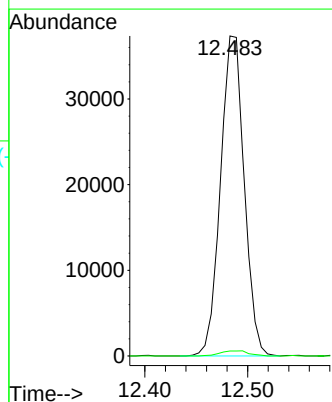
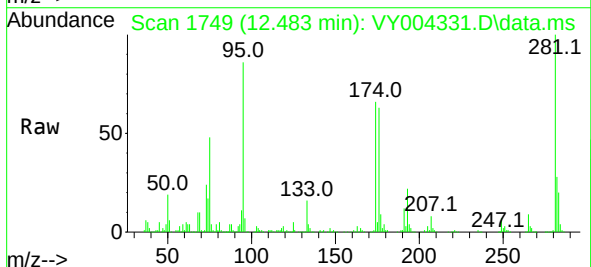
Instrument :
 MSVOA_Y
 ClientSampleId :

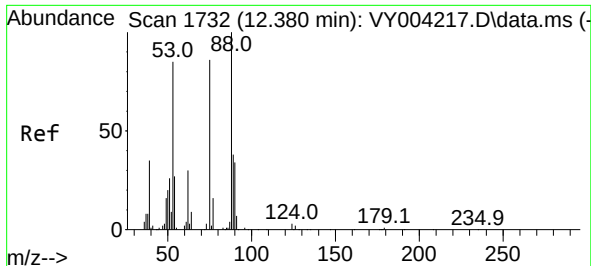
Tgt Ion:152 Resp: 94892
 Ion Ratio Lower Upper
 152 100
 115 58.6 29.0 87.1
 150 155.3 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 69.38 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004331.D
 Acq: 08 Apr 2021 13:35

Tgt Ion: 75 Resp: 59787
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#

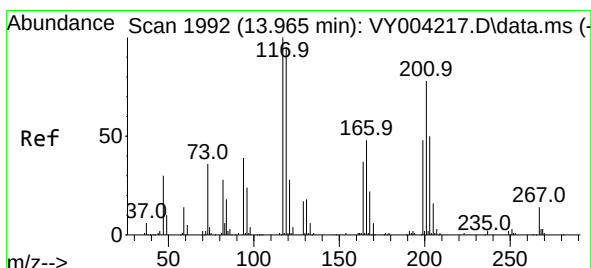
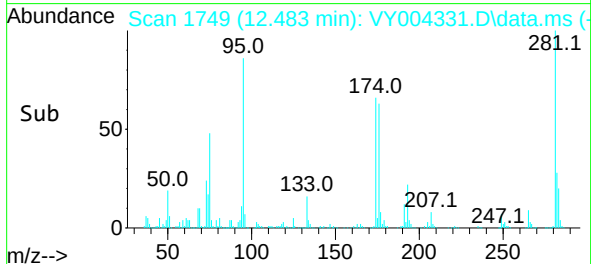
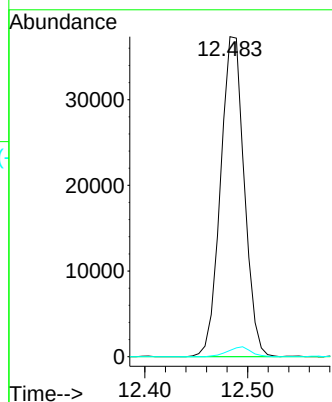
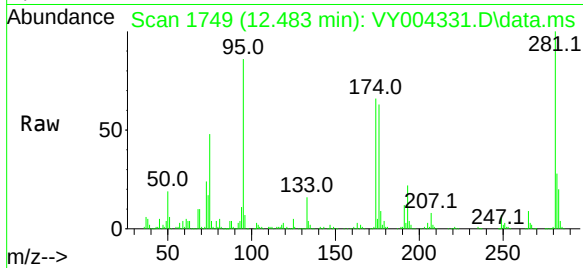




#81
trans-1,4-Dichloro-2-butene
Concen: 127.88 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004331.D
Acq: 08 Apr 2021 13:35

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 59787
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 3.0 39.4 59.2#



#90
Hexachloroethane
Concen: 7.74 ug/l
RT: 13.964 min Scan# 1992
Delta R.T. -0.001 min
Lab File: VY004331.D
Acq: 08 Apr 2021 13:35

Tgt Ion: 117 Resp: 294
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#

