

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040721\
 Data File : VY004322.D
 Acq On : 07 Apr 2021 18:01
 Operator : SY/MD
 Sample : M1961-14
 Misc : 7.24G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 08 01:03:01 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)

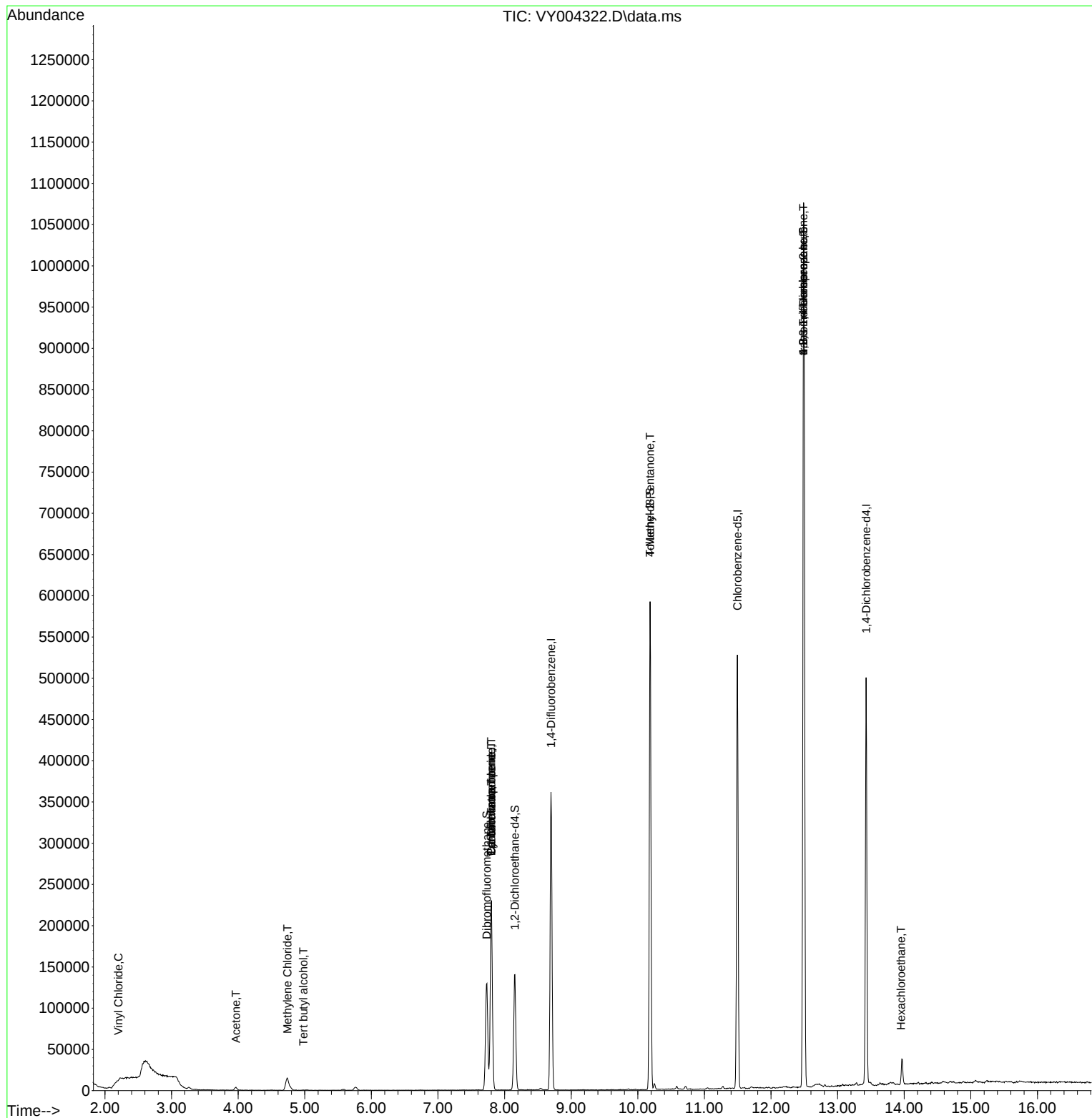
Internal Standards						
1) Pentafluorobenzene	7.801	168	173736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	299347	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	274242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	116265	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	106667	63.87	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.74%	
35) Dibromofluoromethane	7.734	113	91873	55.08	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.16%	
50) Toluene-d8	10.185	98	365144	58.21	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.42%	
62) 4-Bromofluorobenzene	12.483	95	123676	57.52	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.04%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.205	62	7410	3.27	ug/l #	42
11) Tert butyl alcohol	4.978	59	788	5.80	ug/l #	71
16) Acetone	3.966	43	6291	18.08	ug/l	90
20) Methylene Chloride	4.741	84	10575	3.88	ug/l	97
31) Cyclohexane	7.801	56	3777	1.28	ug/l #	6
36) 1,1-Dichloropropene	7.801	75	13754	5.03	ug/l #	49
38) Carbon Tetrachloride	7.801	117	17373	7.31	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	2161	1.40	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	73837	69.94	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	73837	128.90	ug/l #	11
90) Hexachloroethane	13.952	117	170	7.50	ug/l #	12

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

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ClientSampleId :

Quant Time: Apr 08 01:03:01 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

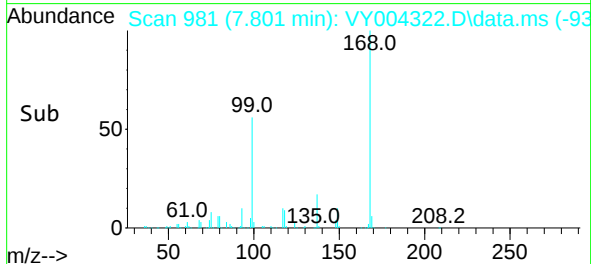
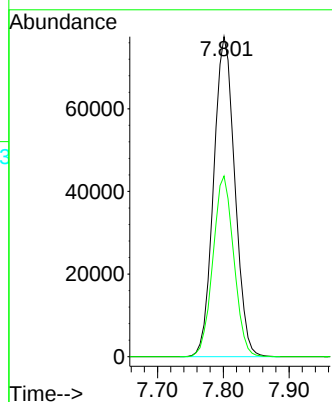
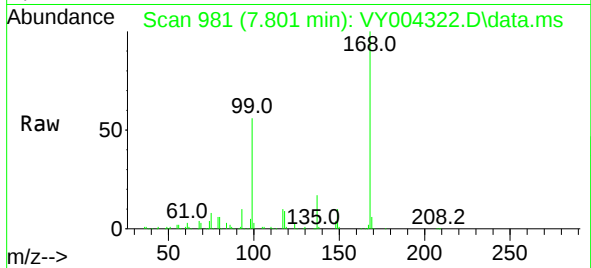




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004322.D
Acq: 07 Apr 2021 18:01

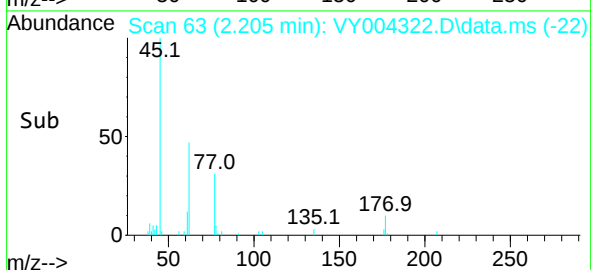
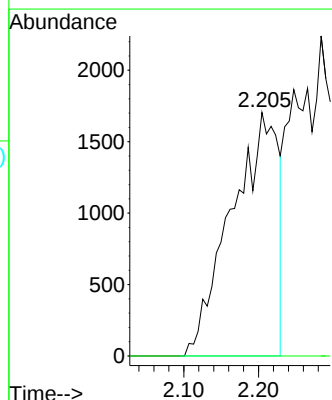
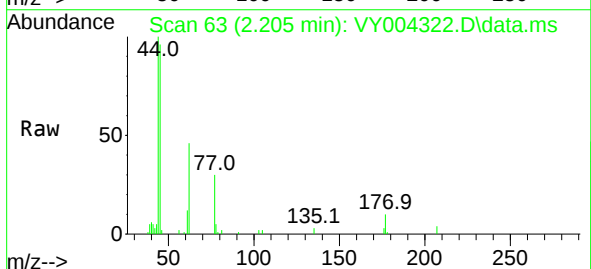
Instrument :
MSVOA_Y
ClientSampled :

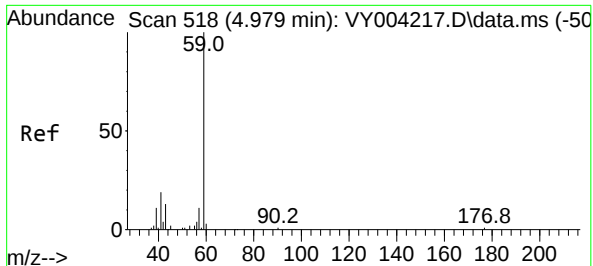
Tgt Ion:168 Resp: 173736
Ion Ratio Lower Upper
168 100
99 56.5 42.6 64.0



#4
Vinyl Chloride
Concen: 3.27 ug/l
RT: 2.205 min Scan# 63
Delta R.T. -0.049 min
Lab File: VY004322.D
Acq: 07 Apr 2021 18:01

Tgt Ion: 62 Resp: 7410
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#



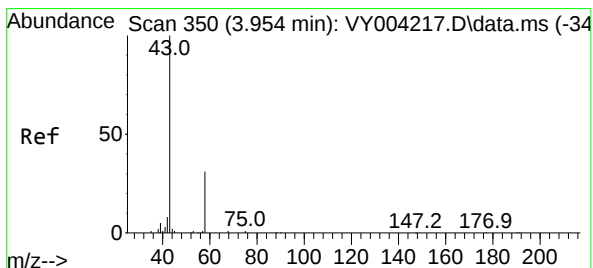
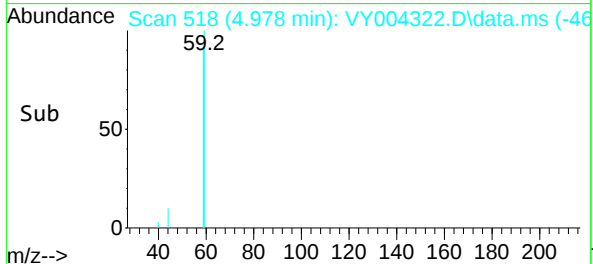
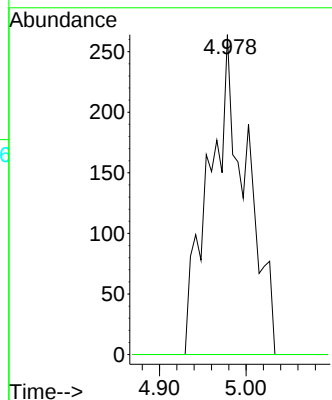
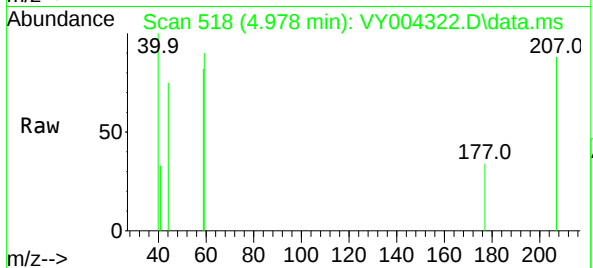


#11

Tert butyl alcohol
Concen: 5.80 ug/l
RT: 4.978 min Scan# 518
Delta R.T. -0.000 min
Lab File: VY004322.D
Acq: 07 Apr 2021 18:01

Instrument :
MSVOA_Y
ClientSampleId :

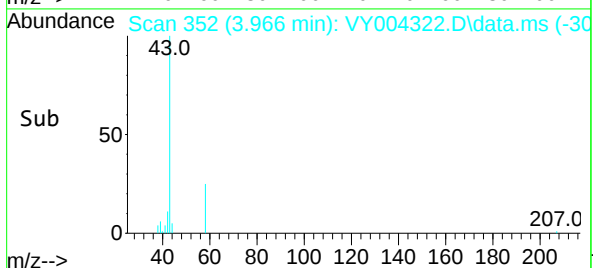
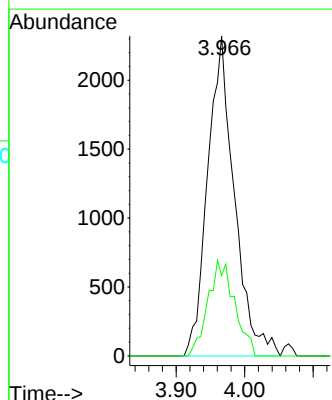
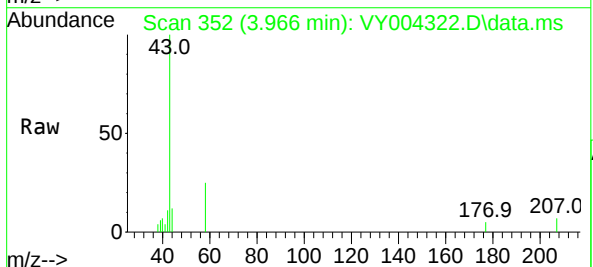
Tgt Ion: 59 Resp: 788
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

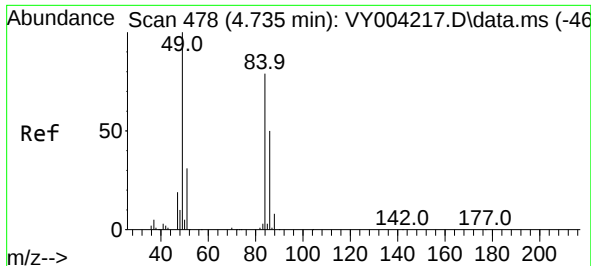


#16

Acetone
Concen: 18.08 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY004322.D
Acq: 07 Apr 2021 18:01

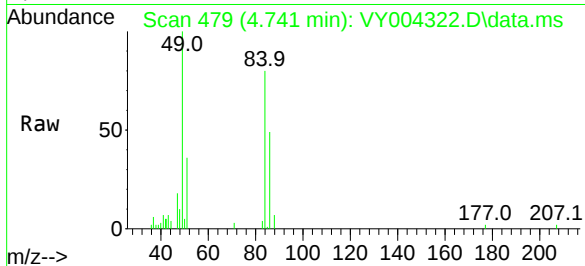
Tgt Ion: 43 Resp: 6291
Ion Ratio Lower Upper
43 100
58 25.2 24.5 36.7



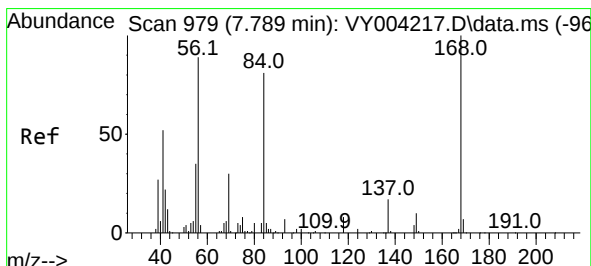
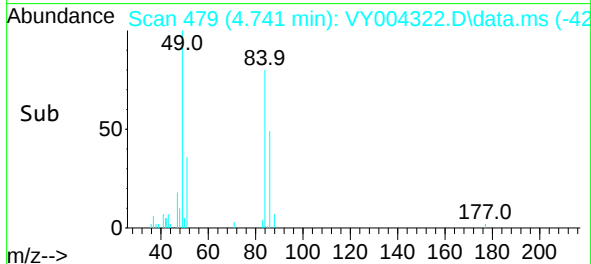
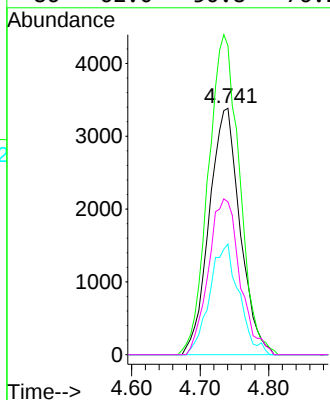


#20
Methylene Chloride
Concen: 3.88 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY004322.D
Acq: 07 Apr 2021 18:01

Instrument :
MSVOA_Y
ClientSampleId :

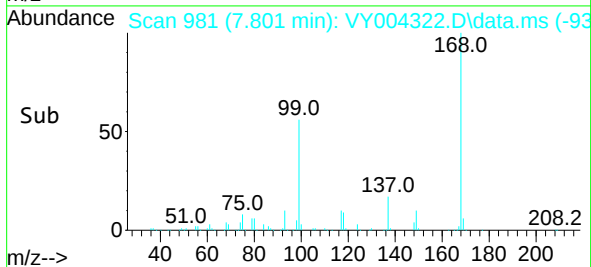
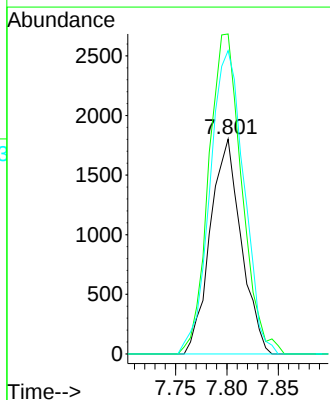
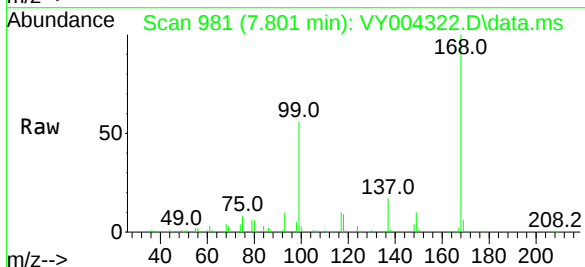


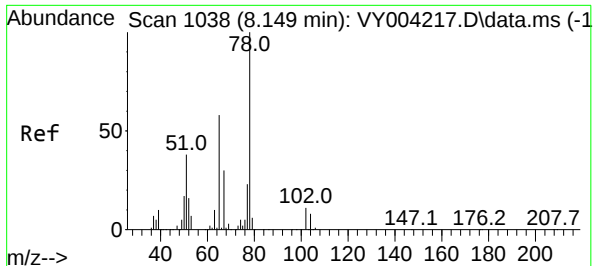
Tgt Ion:	84	Resp:	10575
Ion	Ratio	Lower	Upper
84	100		
49	125.3	101.5	152.3
51	44.9	31.5	47.3
86	62.0	50.8	76.2



#31
Cyclohexane
Concen: 1.28 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004322.D
Acq: 07 Apr 2021 18:01

Tgt Ion:	56	Resp:	3777
Ion	Ratio	Lower	Upper
56	100		
69	148.9	26.6	40.0#
84	141.2	72.3	108.5#

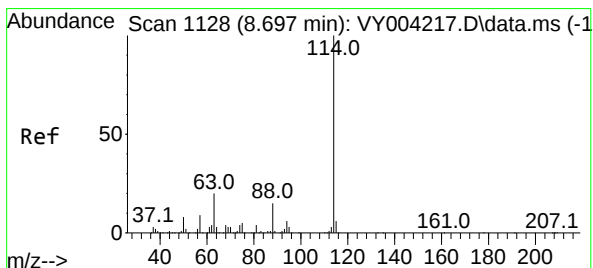
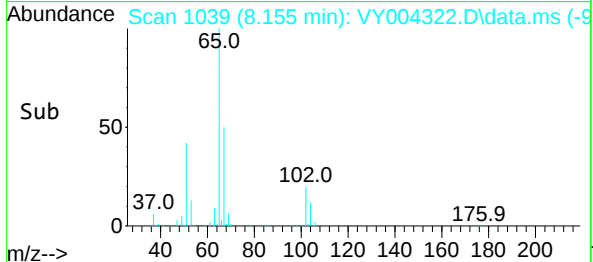
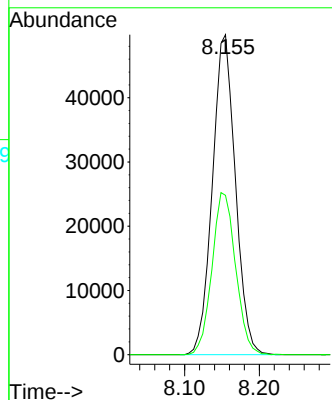
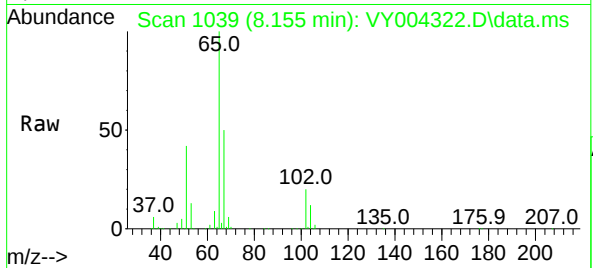




#33
1,2-Dichloroethane-d4
Concen: 63.87 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004322.D
Acq: 07 Apr 2021 18:01

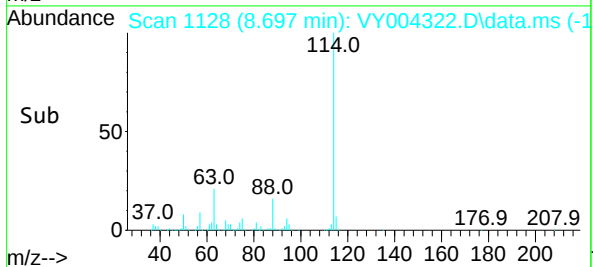
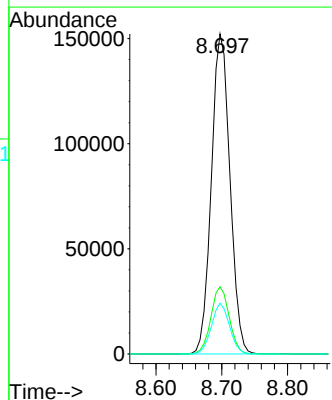
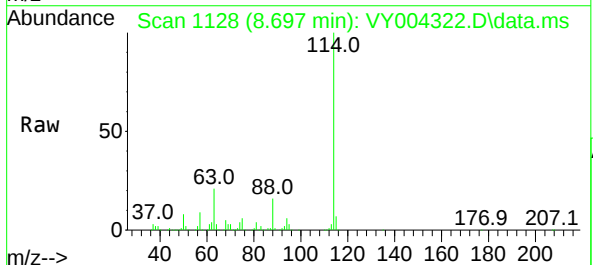
Instrument :
MSVOA_Y
ClientSampleId :

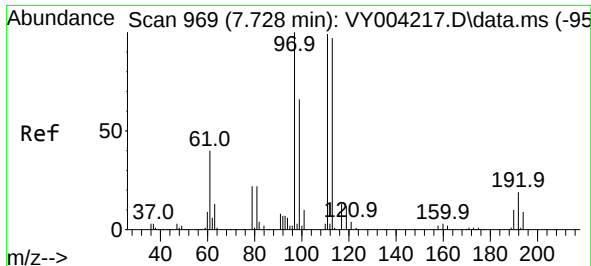
Tgt Ion: 65 Resp: 106667
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004322.D
Acq: 07 Apr 2021 18:01

Tgt Ion: 114 Resp: 299347
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.4
88 15.9 0.0 30.8

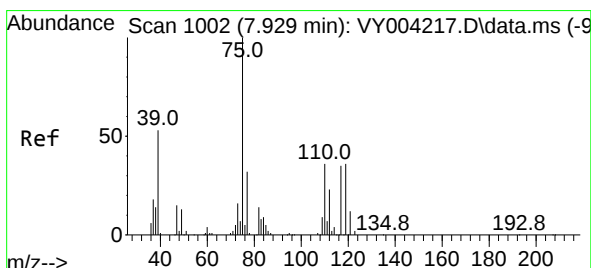
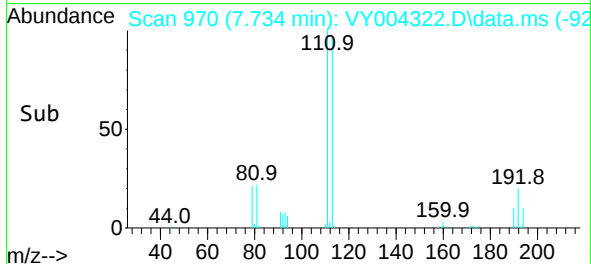
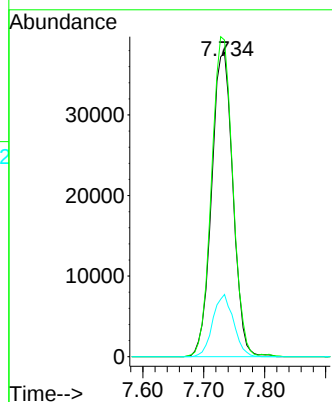
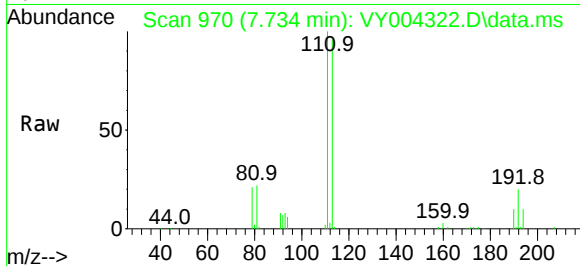




#35
Dibromofluoromethane
Concen: 55.08 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004322.D
Acq: 07 Apr 2021 18:01

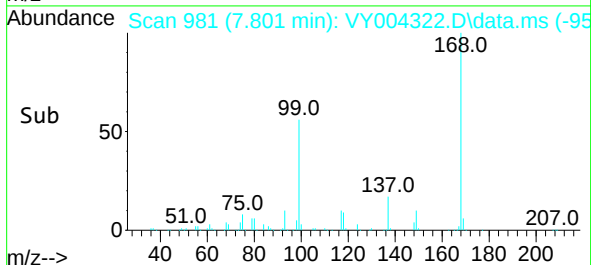
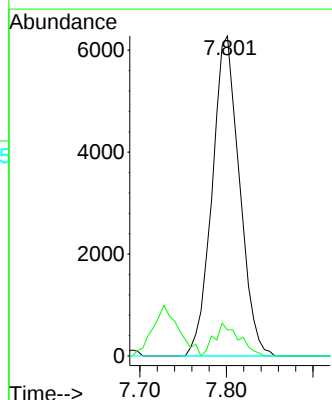
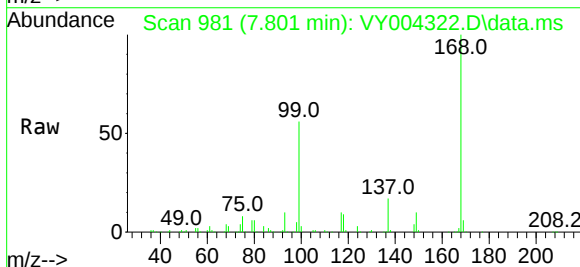
Instrument :
MSVOA_Y
ClientSampleId :

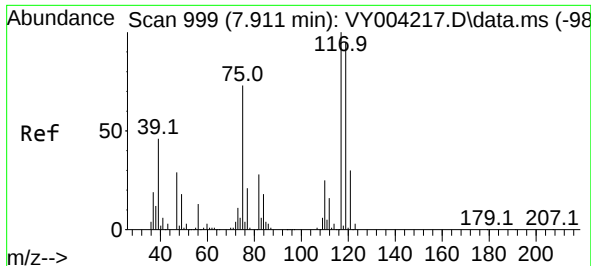
Tgt Ion:	113	Resp:	91873
Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.6	124.0
192	19.9	16.4	24.6



#36
1,1-Dichloropropene
Concen: 5.03 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004322.D
Acq: 07 Apr 2021 18:01

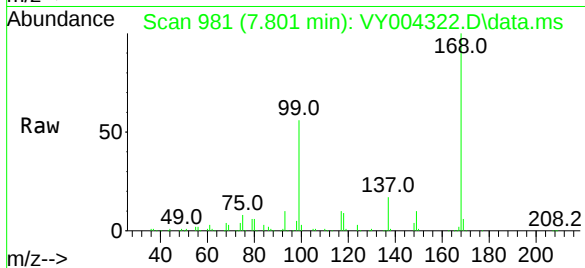
Tgt Ion:	75	Resp:	13754
Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.3#
77	0.0	25.1	37.7#



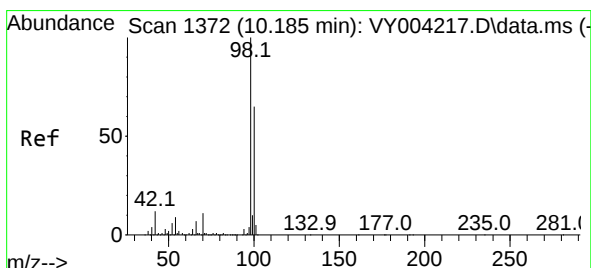
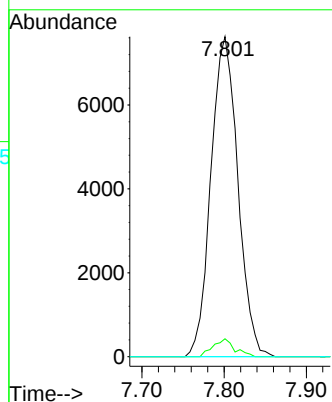
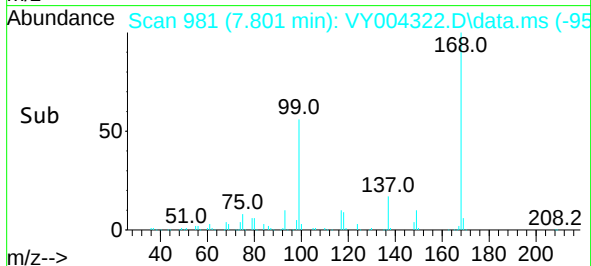


#38
Carbon Tetrachloride
Concen: 7.31 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004322.D
Acq: 07 Apr 2021 18:01

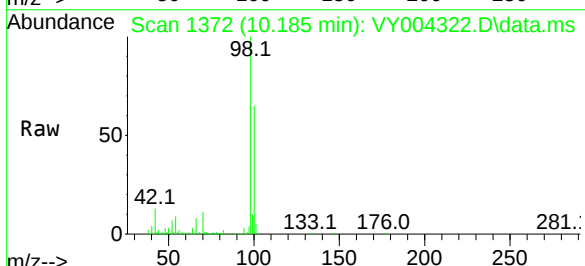
Instrument :
MSVOA_Y
ClientSampleId :



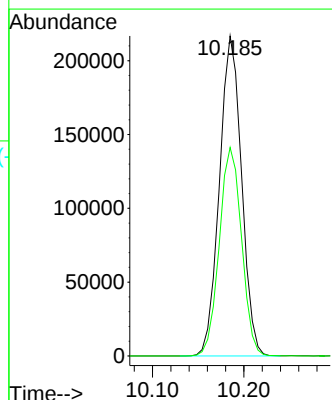
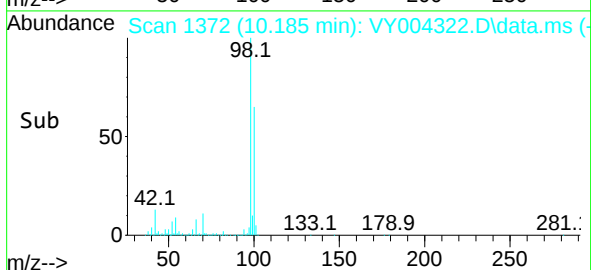
Tgt Ion:117 Resp: 17373
Ion Ratio Lower Upper
117 100
119 5.6 75.6 113.4#
121 0.0 24.3 36.5#

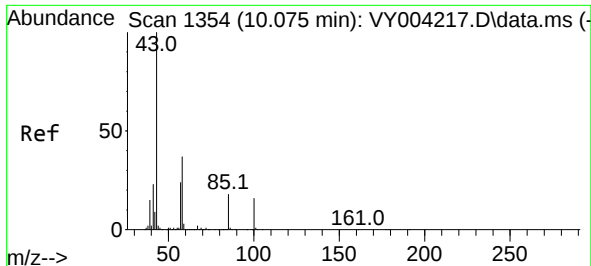


#50
Toluene-d8
Concen: 58.21 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004322.D
Acq: 07 Apr 2021 18:01



Tgt Ion: 98 Resp: 365144
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

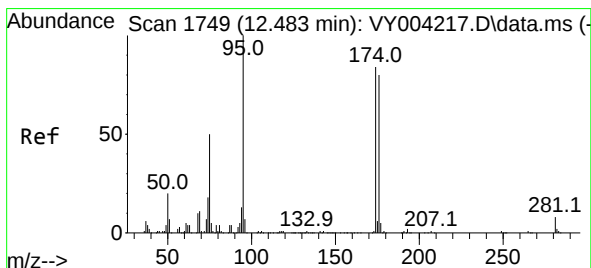
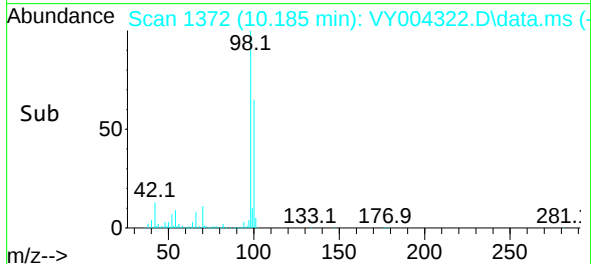
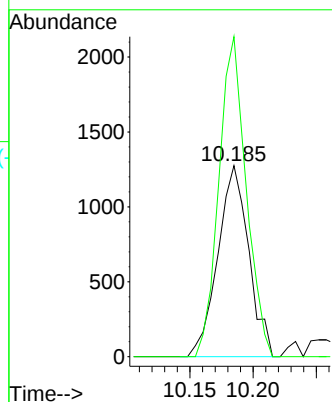
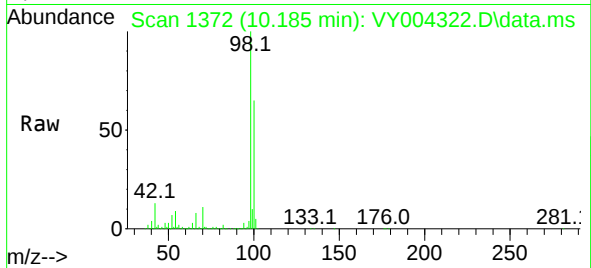




#51
4-Methyl-2-Pentanone
Concen: 1.40 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004322.D
Acq: 07 Apr 2021 18:01

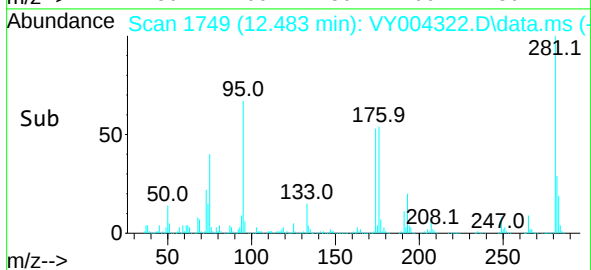
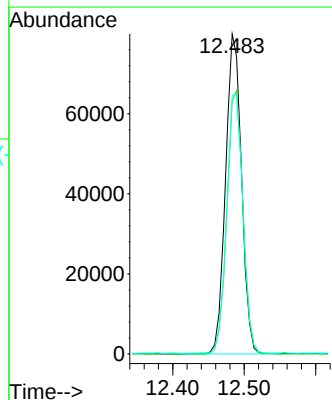
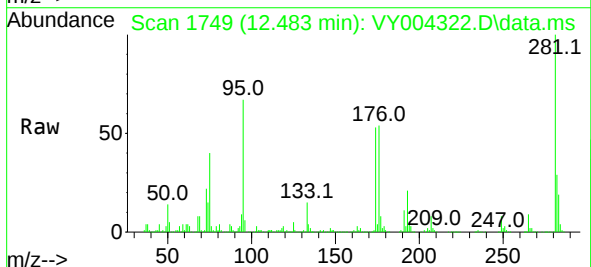
Instrument :
MSVOA_Y
ClientSampled :

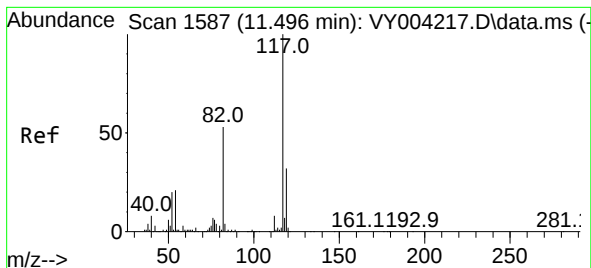
Tgt Ion: 43 Resp: 2161
Ion Ratio Lower Upper
43 100
58 148.3 30.6 45.8#



#62
4-Bromofluorobenzene
Concen: 57.52 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004322.D
Acq: 07 Apr 2021 18:01

Tgt Ion: 95 Resp: 123676
Ion Ratio Lower Upper
95 100
174 82.4 0.0 171.4
176 82.8 0.0 165.6

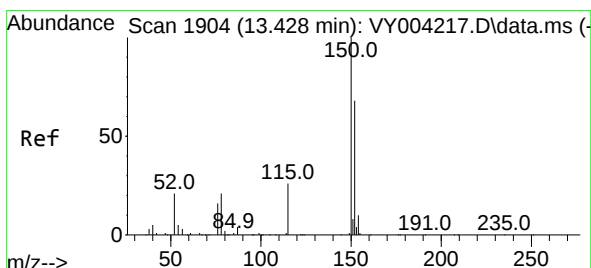
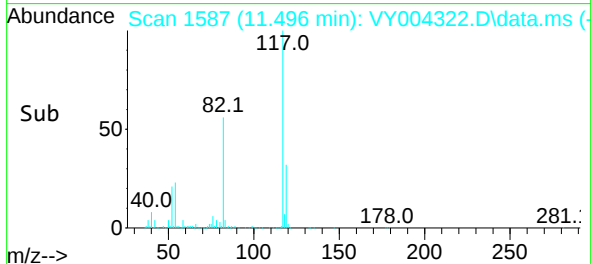
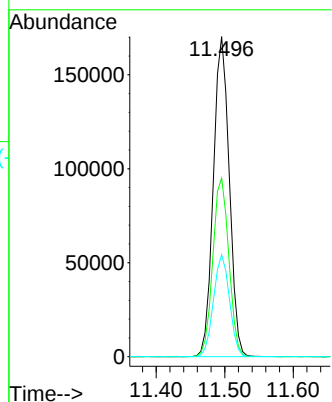
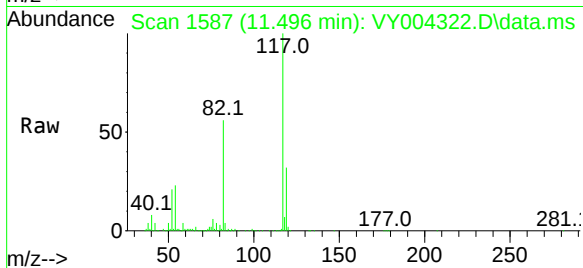




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004322.D
Acq: 07 Apr 2021 18:01

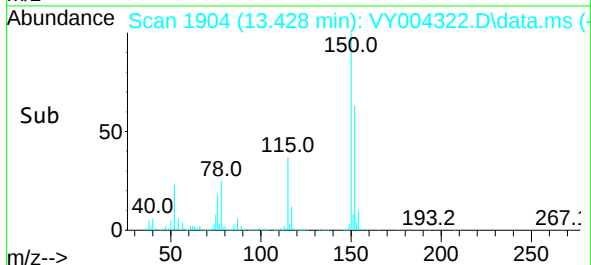
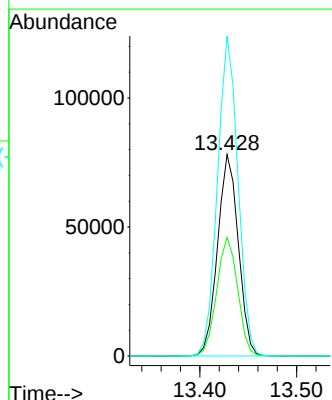
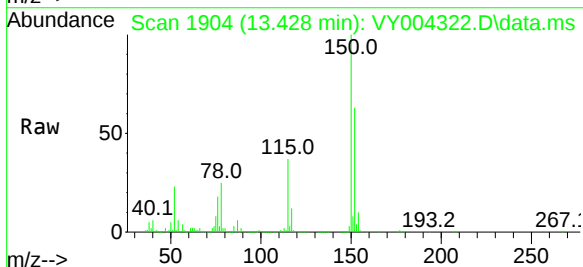
Instrument :
MSVOA_Y
ClientSampleId :

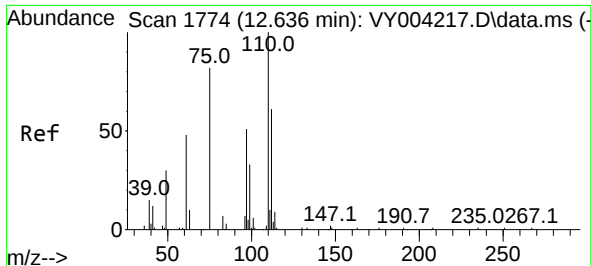
Tgt Ion:117 Resp: 274242
Ion Ratio Lower Upper
117 100
82 55.8 42.7 64.1
119 31.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004322.D
Acq: 07 Apr 2021 18:01

Tgt Ion:152 Resp: 116265
Ion Ratio Lower Upper
152 100
115 59.2 29.0 87.1
150 157.0 0.0 347.4

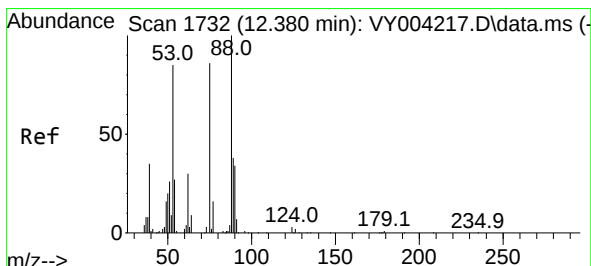
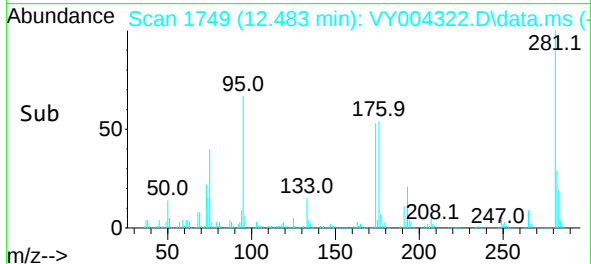
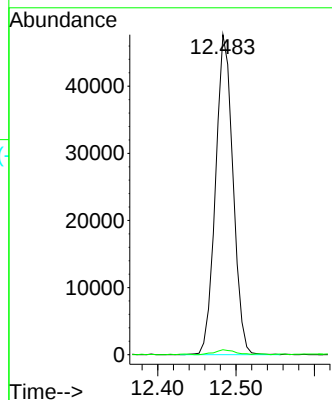
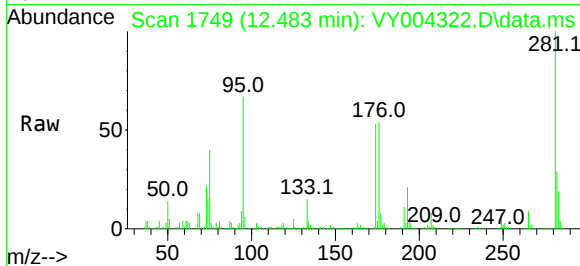




#76
1,2,3-Trichloropropane
Concen: 69.94 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004322.D
Acq: 07 Apr 2021 18:01

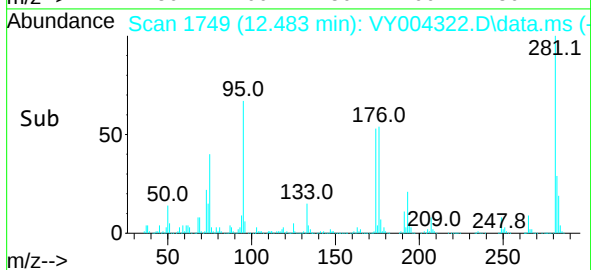
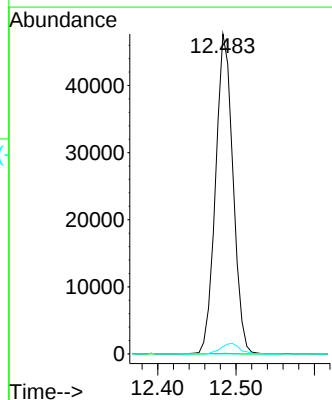
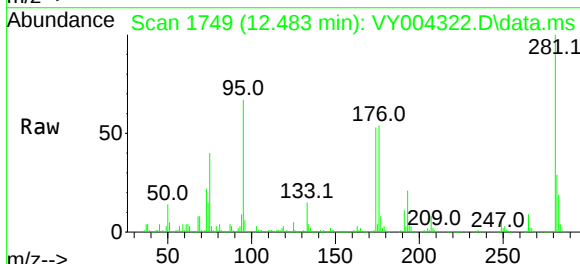
Instrument :
MSVOA_Y
ClientSampled :

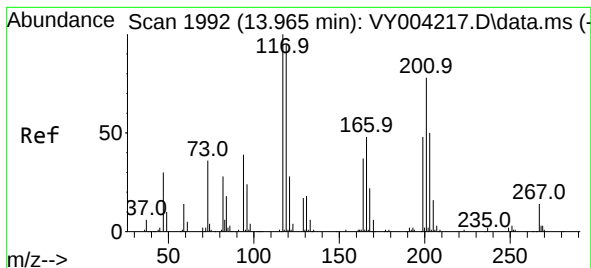
Tgt Ion: 75 Resp: 73837
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.90 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004322.D
Acq: 07 Apr 2021 18:01

Tgt Ion: 75 Resp: 73837
Ion Ratio Lower Upper
75 100
53 0.3 79.3 118.9#
89 3.7 39.4 59.2#





#90
 Hexachloroethane
 Concen: 7.50 ug/l
 RT: 13.952 min Scan# 1990
 Delta R.T. -0.013 min
 Lab File: VY004322.D
 Acq: 07 Apr 2021 18:01

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:117 Resp: 170
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.6 112.9#

