

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040121\
 Data File : VY004246.D
 Acq On : 01 Apr 2021 15:40
 Operator : SY/MD
 Sample : M1901-02
 Misc : 5.07g/5mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-15TH-STREET

Quant Time: Apr 02 02:10:47 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)

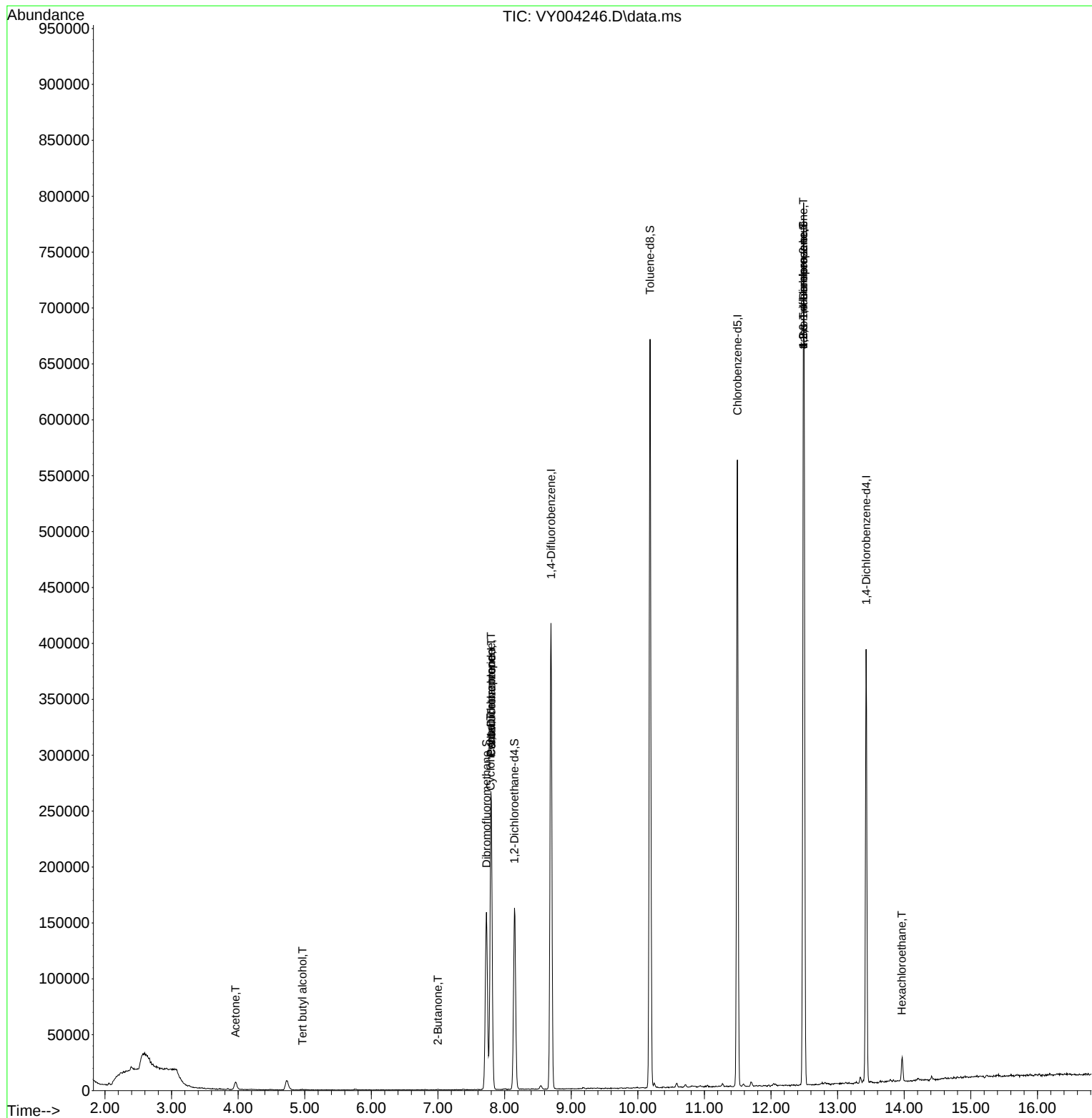
Internal Standards						
1) Pentafluorobenzene	7.801	168	205083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	350700	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	289311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94223	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	123261	62.52	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.04%
35) Dibromofluoromethane	7.728	113	109620	56.10	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.20%
50) Toluene-d8	10.185	98	417120	56.75	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.50%
62) 4-Bromofluorobenzene	12.483	95	113061	44.89	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.78%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	513	3.20	ug/l #	71
13) Acrolein	3.747	56	282	Below	Cal	85
16) Acetone	3.960	43	12141	29.56	ug/l	99
25) 2-Butanone	6.996	43	1004	1.46	ug/l #	90
31) Cyclohexane	7.789	56	4590	1.32	ug/l #	16
36) 1,1-Dichloropropene	7.795	75	15962	4.99	ug/l #	50
38) Carbon Tetrachloride	7.801	117	19655	7.06	ug/l #	17
49) 1,4-Dioxane	9.307	88	176	Below	Cal #	41
76) 1,2,3-Trichloropropane	12.483	75	63670	74.42	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	63670	137.15	ug/l #	11
90) Hexachloroethane	13.965	117	164	7.54	ug/l #	12

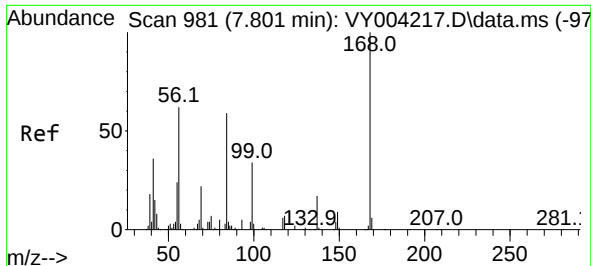
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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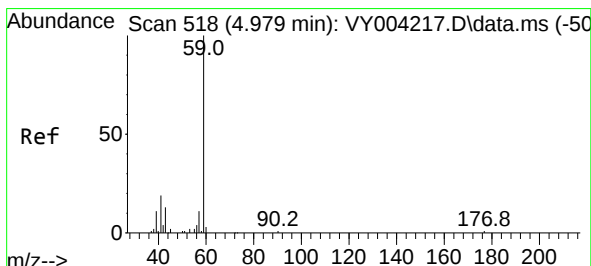
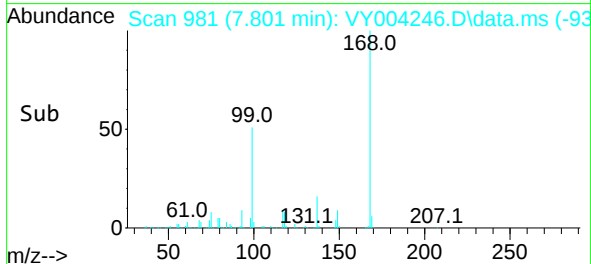
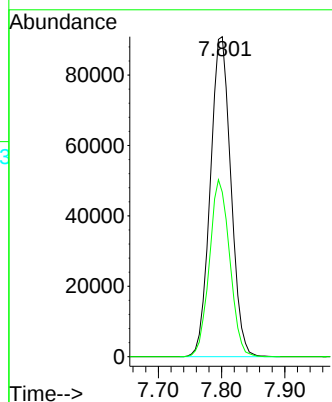
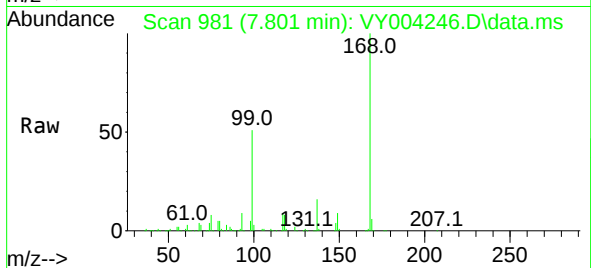




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004246.D
Acq: 01 Apr 2021 15:40

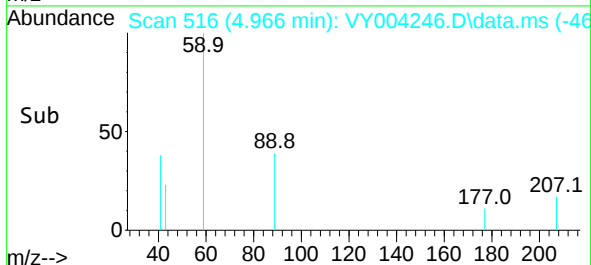
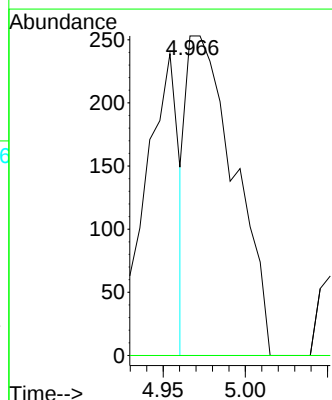
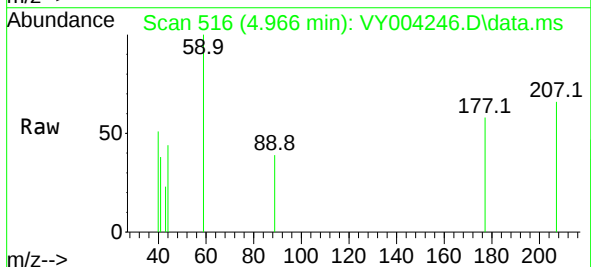
Instrument :
MSVOA_Y
ClientSampleId :
SP-15TH-STREET

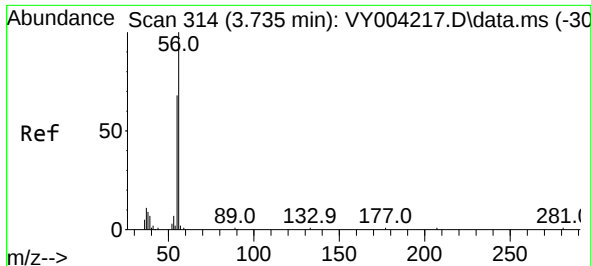
Tgt Ion:168 Resp: 205083
Ion Ratio Lower Upper
168 100
99 51.4 42.6 64.0



#11
Tert butyl alcohol
Concen: 3.20 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004246.D
Acq: 01 Apr 2021 15:40

Tgt Ion: 59 Resp: 513
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

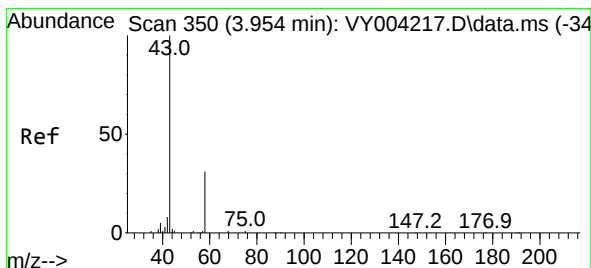
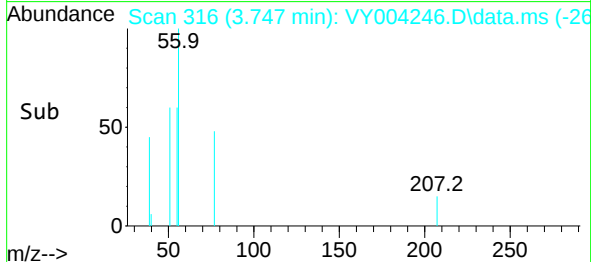
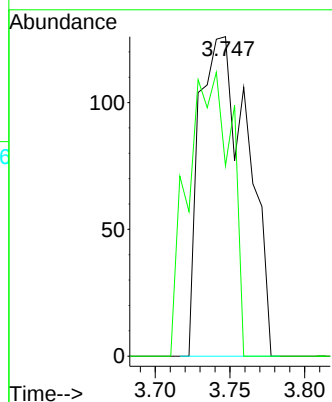
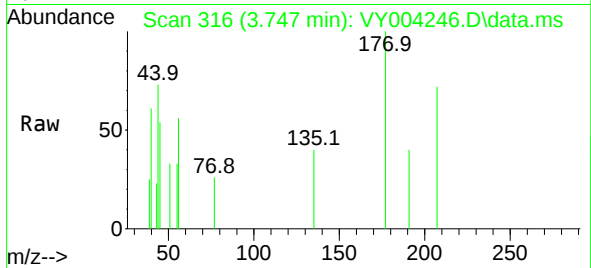




#13
Acrolein
Concen: Below Cal
RT: 3.747 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY004246.D
Acq: 01 Apr 2021 15:40

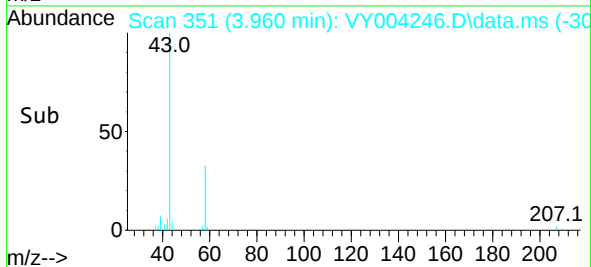
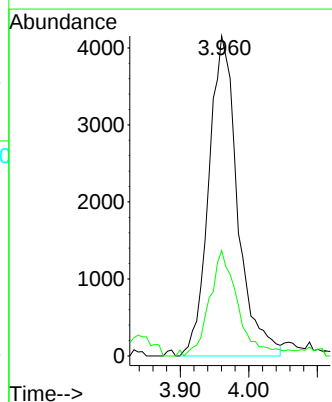
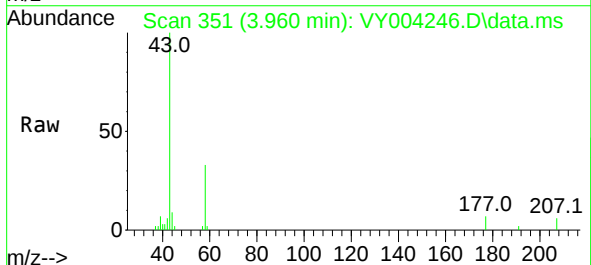
Instrument :
MSVOA_Y
ClientSampleId :
SP-15TH-STREET

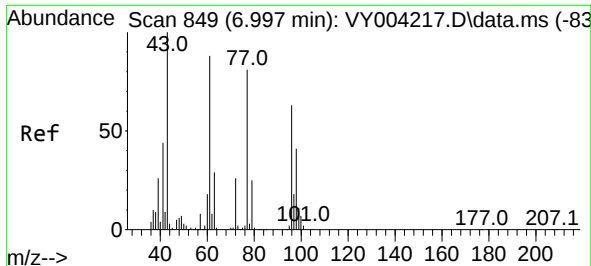
Tgt Ion: 56 Resp: 282
Ion Ratio Lower Upper
56 100
55 80.5 55.0 82.4



#16
Acetone
Concen: 29.56 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004246.D
Acq: 01 Apr 2021 15:40

Tgt Ion: 43 Resp: 12141
Ion Ratio Lower Upper
43 100
58 31.1 24.5 36.7





#25

2-Butanone

Concen: 1.46 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY004246.D

Acq: 01 Apr 2021 15:40

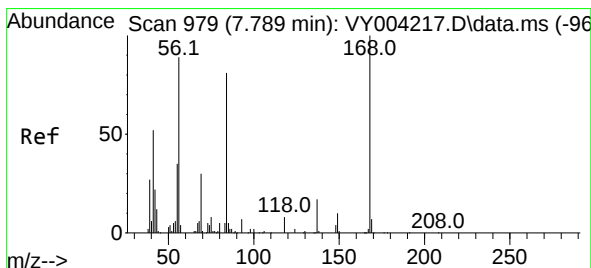
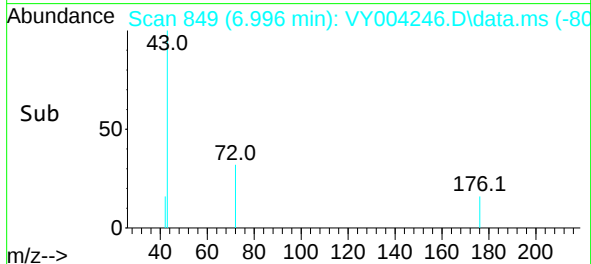
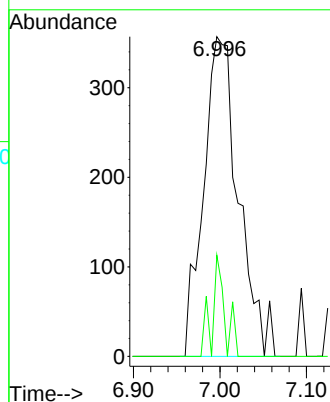
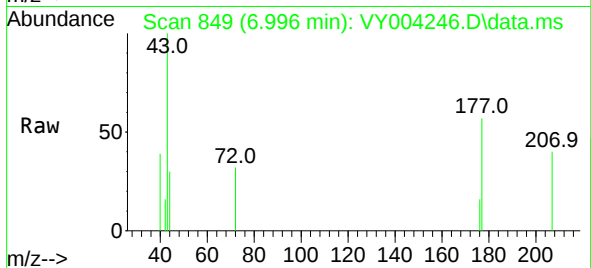
Instrument :

MSVOA_Y

ClientSampleId :

SP-15TH-STREET

Tgt Ion: 43 Resp: 1004
 Ion Ratio Lower Upper
 43 100
 72 31.7 21.0 31.6#



#31

Cyclohexane

Concen: 1.32 ug/l

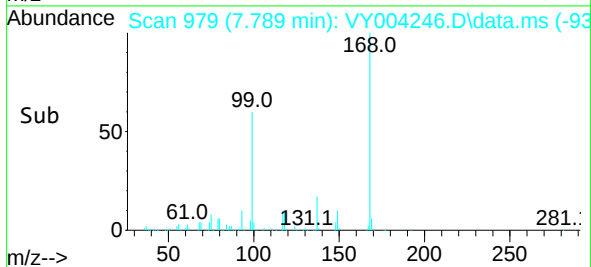
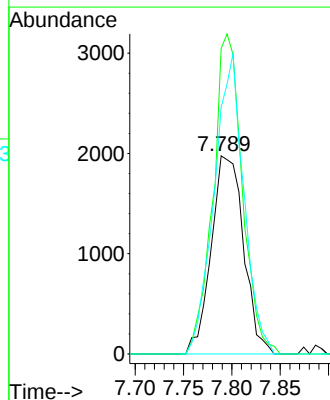
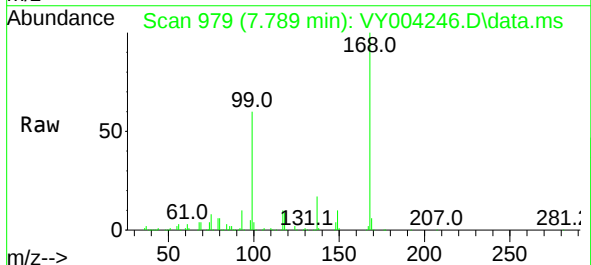
RT: 7.789 min Scan# 979

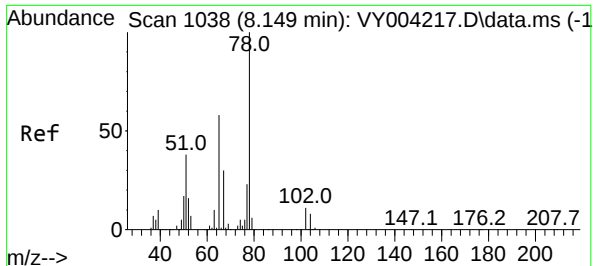
Delta R.T. -0.000 min

Lab File: VY004246.D

Acq: 01 Apr 2021 15:40

Tgt Ion: 56 Resp: 4590
 Ion Ratio Lower Upper
 56 100
 69 154.3 26.6 40.0#
 84 124.6 72.3 108.5#

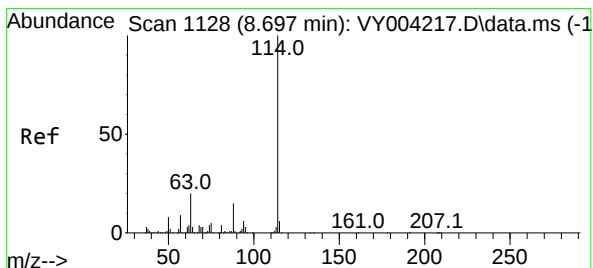
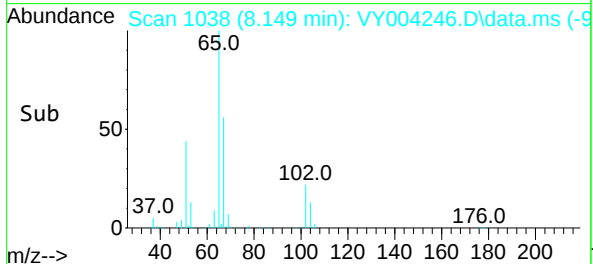
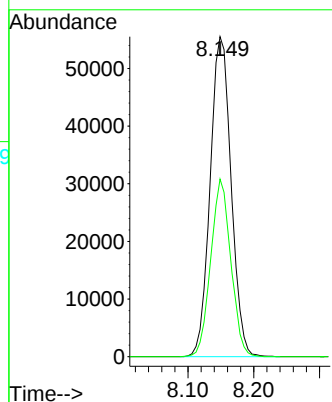
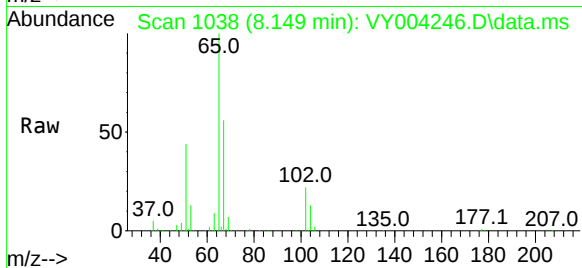




#33
1,2-Dichloroethane-d4
Concen: 62.52 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004246.D
Acq: 01 Apr 2021 15:40

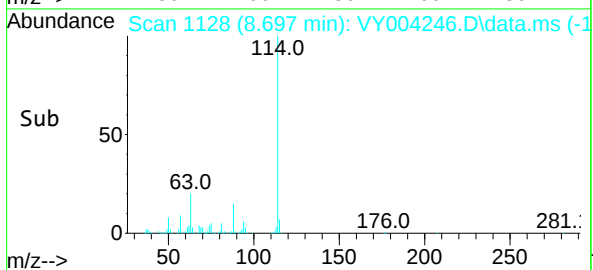
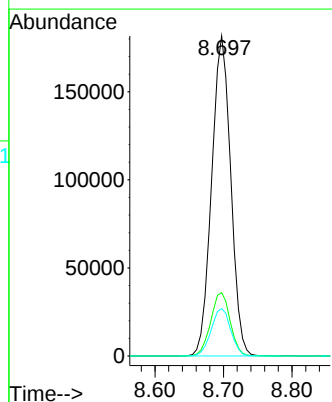
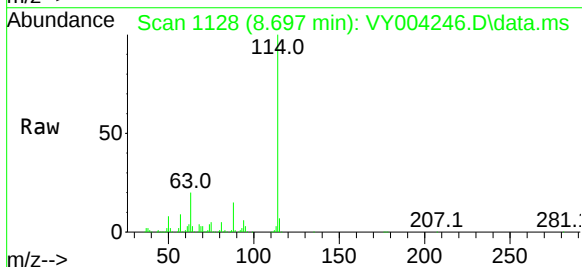
Instrument :
MSVOA_Y
ClientSampleId :
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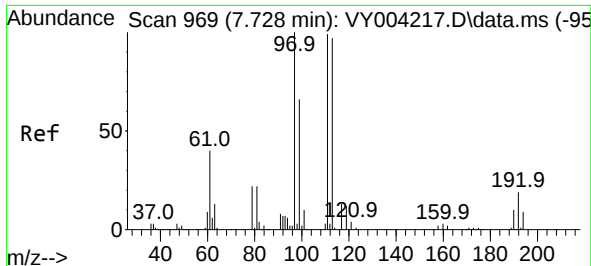
Tgt Ion: 65 Resp: 123261
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004246.D
Acq: 01 Apr 2021 15:40

Tgt Ion: 114 Resp: 350700
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.4
88 14.8 0.0 30.8

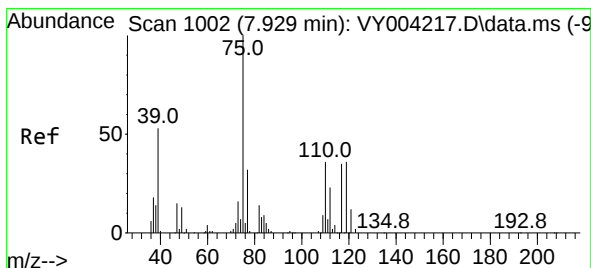
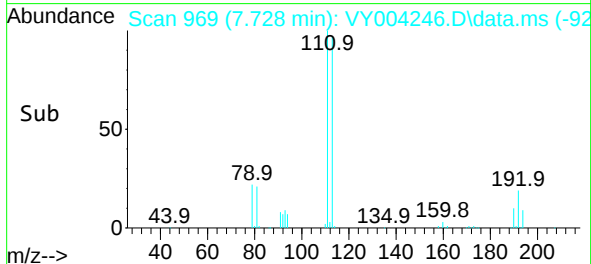
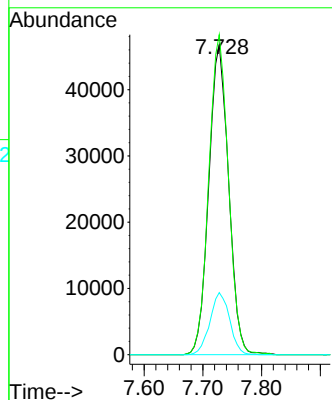
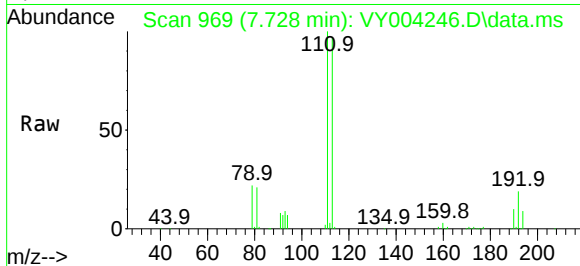




#35
Dibromofluoromethane
Concen: 56.10 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004246.D
Acq: 01 Apr 2021 15:40

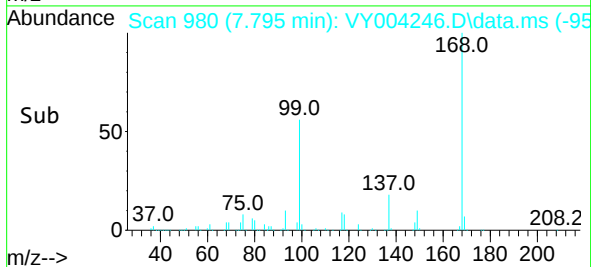
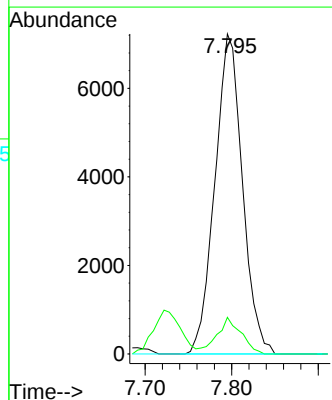
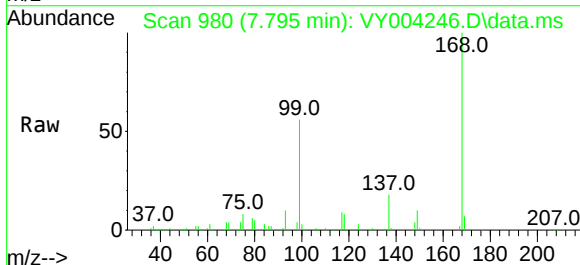
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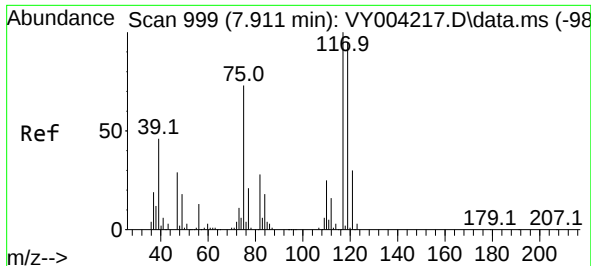
Tgt Ion:113 Resp: 109620
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 19.9 16.4 24.6



#36
1,1-Dichloropropene
Concen: 4.99 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004246.D
Acq: 01 Apr 2021 15:40

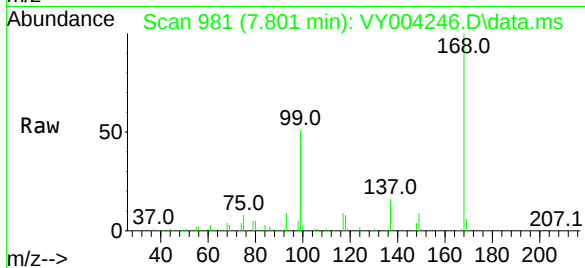
Tgt Ion: 75 Resp: 15962
Ion Ratio Lower Upper
75 100
110 10.2 18.1 54.3#
77 0.0 25.1 37.7#



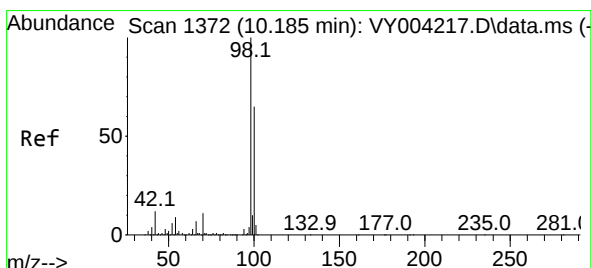
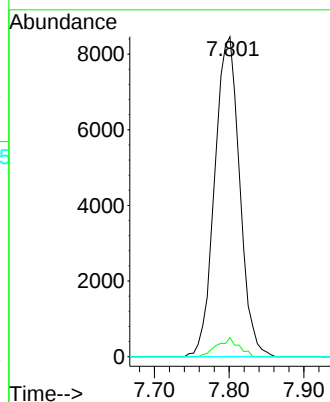
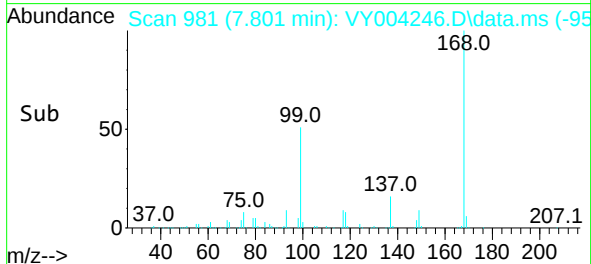


#38
Carbon Tetrachloride
Concen: 7.06 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004246.D
Acq: 01 Apr 2021 15:40

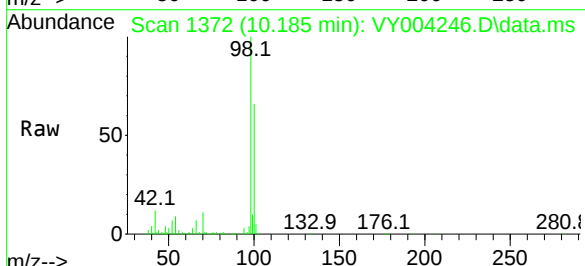
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MSVOA_Y
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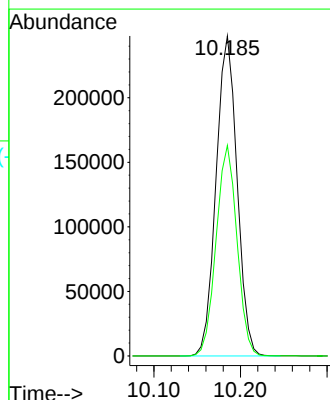
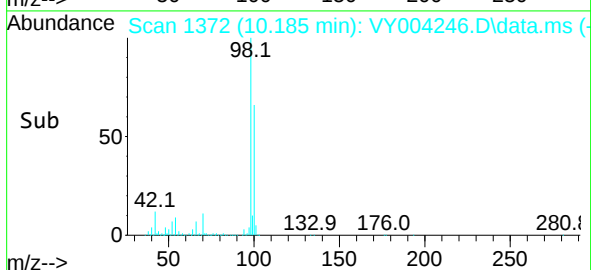
Tgt Ion:117 Resp: 19655
Ion Ratio Lower Upper
117 100
119 6.0 75.6 113.4#
121 0.0 24.3 36.5#

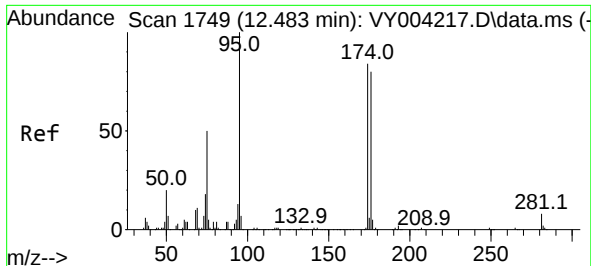


#50
Toluene-d8
Concen: 56.75 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004246.D
Acq: 01 Apr 2021 15:40



Tgt Ion: 98 Resp: 417120
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

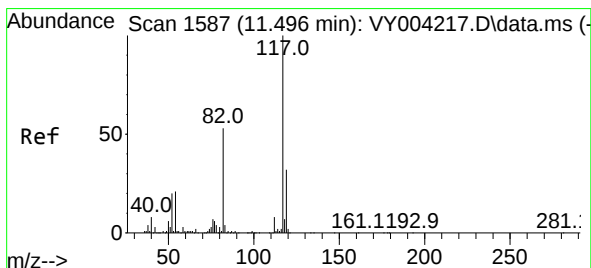
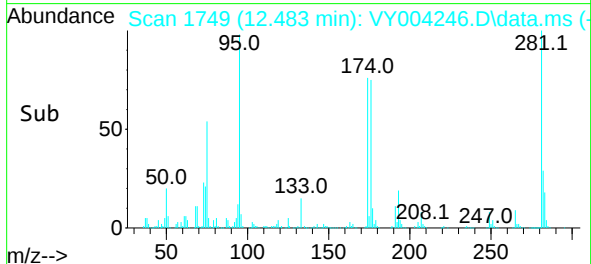
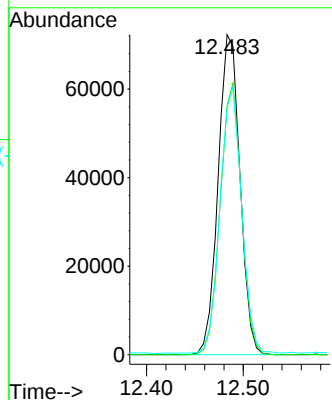
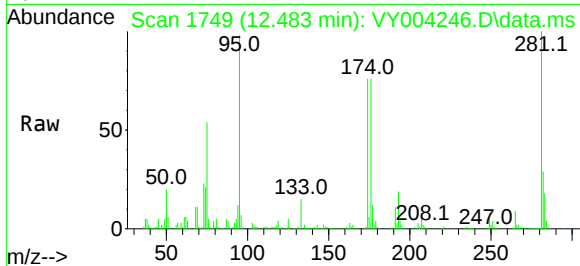




#62
4-Bromofluorobenzene
Concen: 44.89 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004246.D
Acq: 01 Apr 2021 15:40

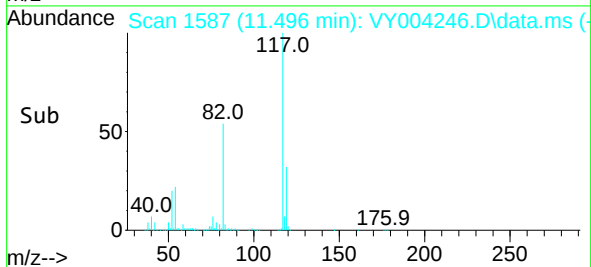
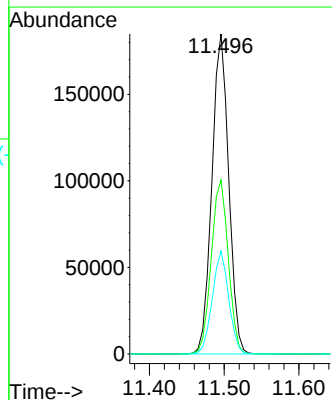
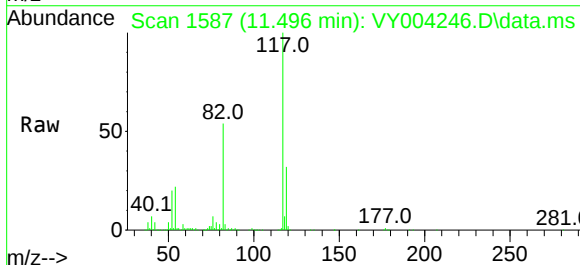
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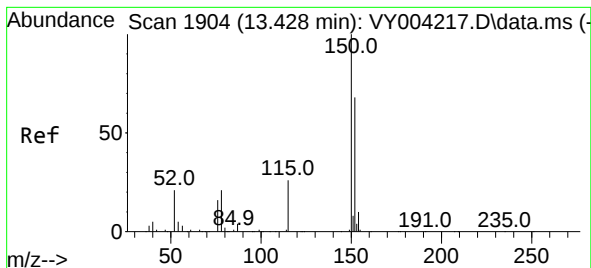
Tgt Ion: 95 Resp: 113061
Ion Ratio Lower Upper
95 100
174 82.7 0.0 171.4
176 82.1 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004246.D
Acq: 01 Apr 2021 15:40

Tgt Ion: 117 Resp: 289311
Ion Ratio Lower Upper
117 100
82 54.4 42.7 64.1
119 32.2 25.7 38.5

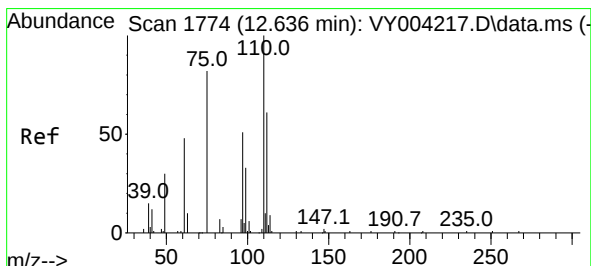
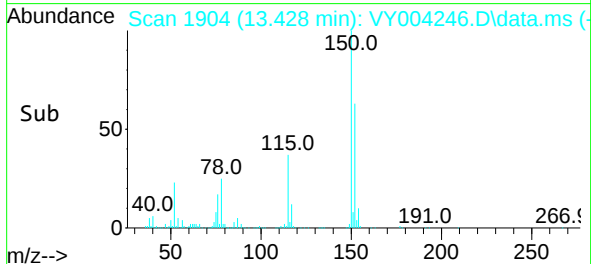
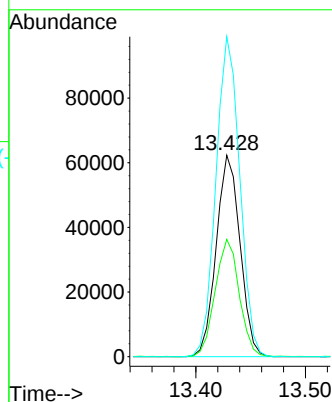
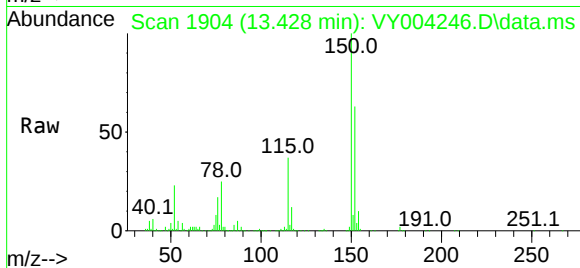




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004246.D
 Acq: 01 Apr 2021 15:40

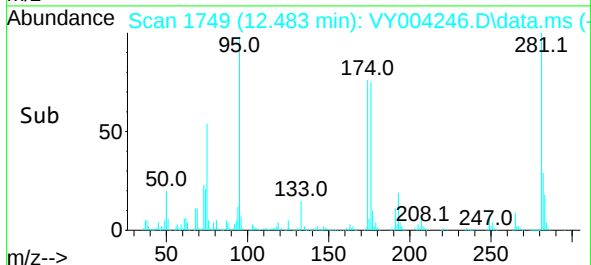
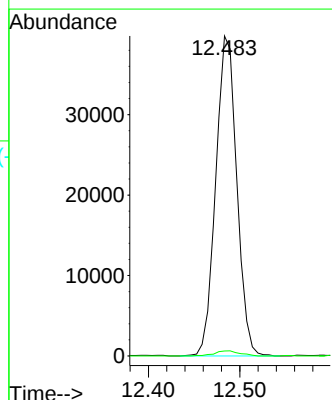
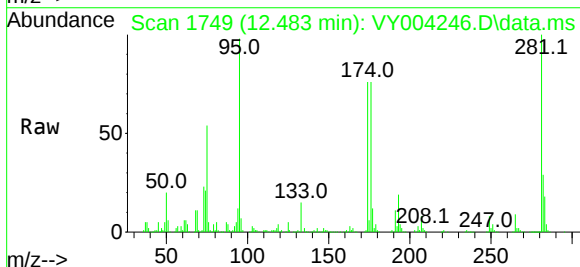
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-15TH-STREET

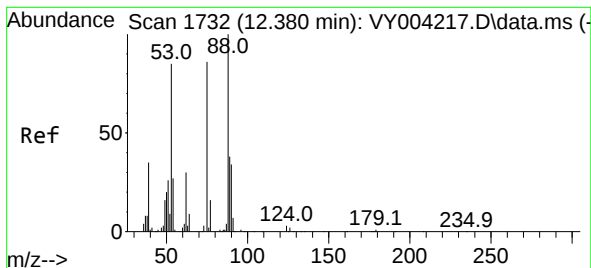
Tgt Ion:152 Resp: 94223
 Ion Ratio Lower Upper
 152 100
 115 58.9 29.0 87.1
 150 159.2 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 74.42 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004246.D
 Acq: 01 Apr 2021 15:40

Tgt Ion: 75 Resp: 63670
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#

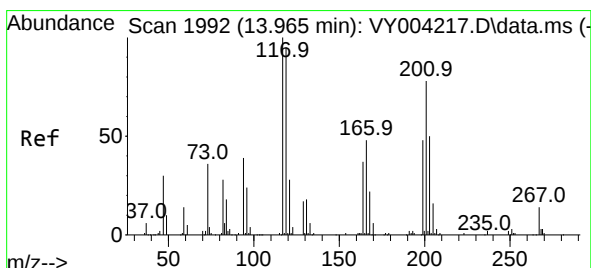
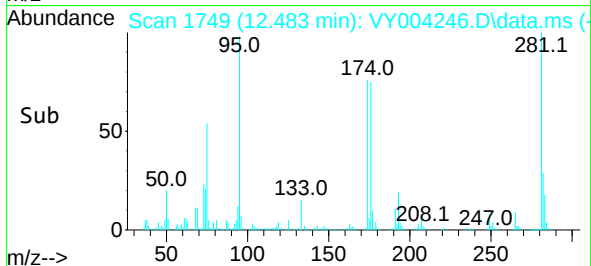
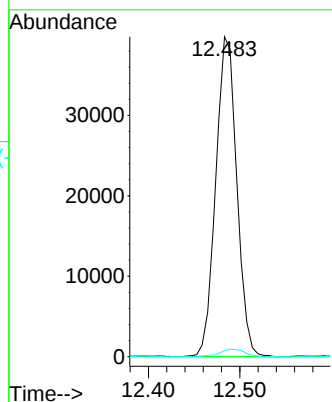
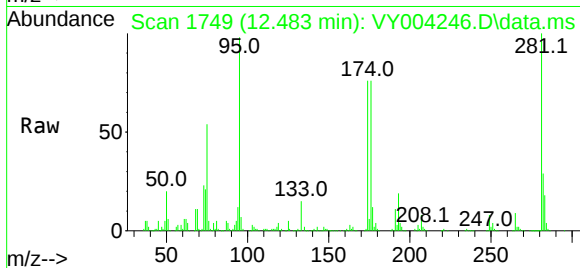




#81
trans-1,4-Dichloro-2-butene
Concen: 137.15 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004246.D
Acq: 01 Apr 2021 15:40

Instrument :
MSVOA_Y
ClientSampleId :
SP-15TH-STREET

Tgt Ion: 75 Resp: 63670
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 2.8 39.4 59.2#



#90
Hexachloroethane
Concen: 7.54 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. -0.000 min
Lab File: VY004246.D
Acq: 01 Apr 2021 15:40

Tgt Ion: 117 Resp: 164
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#

