

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040121\
 Data File : VY004242.D
 Acq On : 01 Apr 2021 13:43
 Operator : SY/MD
 Sample : M1854-06
 Misc : 5.08g/5mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1D1-(4-7.5)

Quant Time: Apr 02 02:09:35 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)

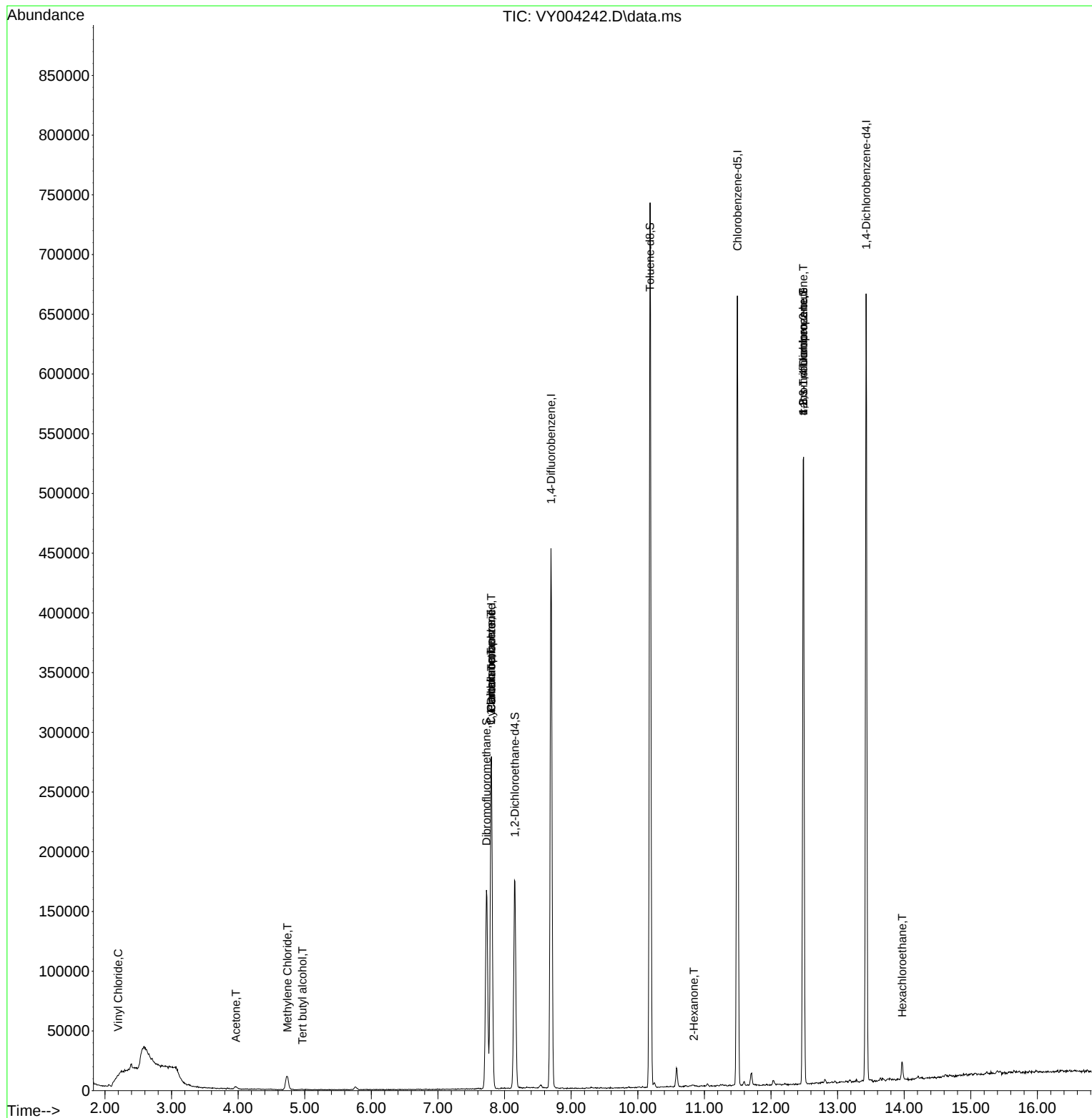
Internal Standards						
1) Pentafluorobenzene	7.801	168	214407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	373437	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	351610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	159214	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	133008	64.53	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 129.06%			
35) Dibromofluoromethane	7.728	113	116182	55.84	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.68%			
50) Toluene-d8	10.185	98	460308	58.82	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 117.64%			
62) 4-Bromofluorobenzene	12.483	95	158966	59.27	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 118.54%			
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.199	62	5030	1.80	ug/l #	42
11) Tert butyl alcohol	4.966	59	234	1.40	ug/l #	71
13) Acrolein	3.741	56	436	Below Cal	#	43
16) Acetone	3.967	43	3745	8.72	ug/l	89
20) Methylene Chloride	4.741	84	8244	1.47	ug/l	94
31) Cyclohexane	7.795	56	4628	1.27	ug/l #	18
36) 1,1-Dichloropropene	7.795	75	16586	4.87	ug/l #	49
38) Carbon Tetrachloride	7.801	117	20993	7.08	ug/l #	16
49) 1,4-Dioxane	9.307	88	430	Below Cal	#	64
59) 2-Hexanone	10.843	43	1396	1.05	ug/l #	25
76) 1,2,3-Trichloropropane	12.483	75	84377	58.36	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	84377	107.56	ug/l #	10
90) Hexachloroethane	13.971	117	83	7.36	ug/l #	12

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

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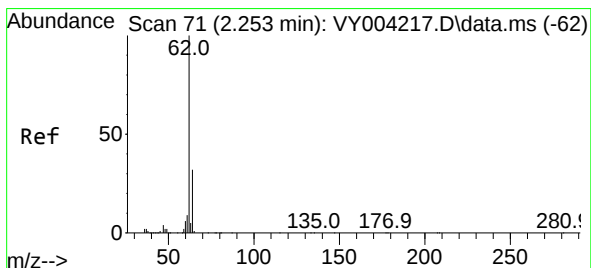
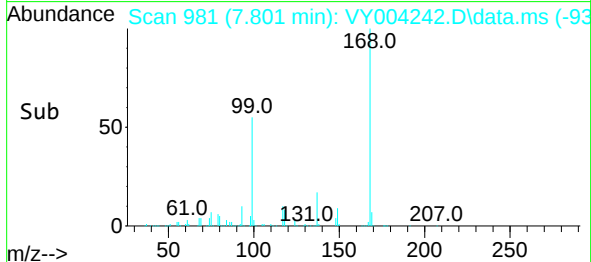
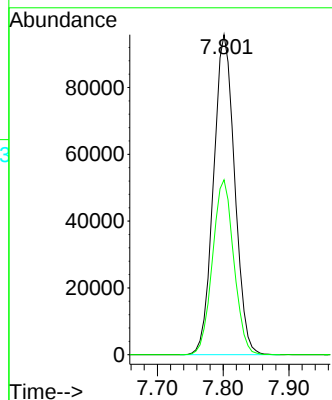
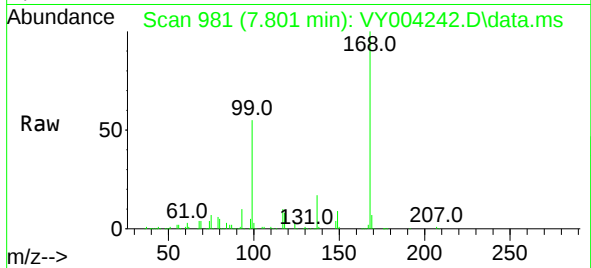




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004242.D
Acq: 01 Apr 2021 13:43

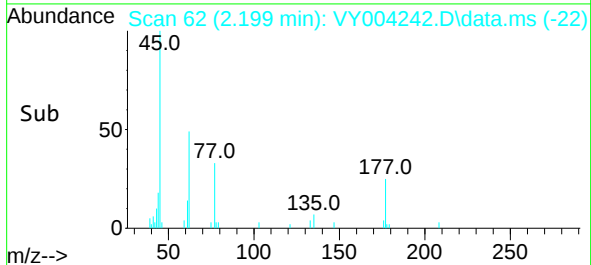
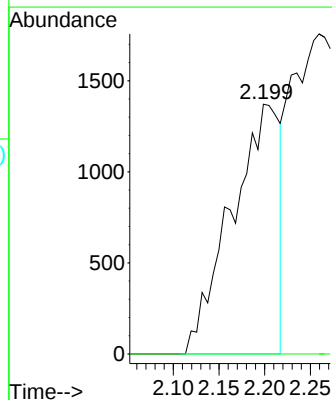
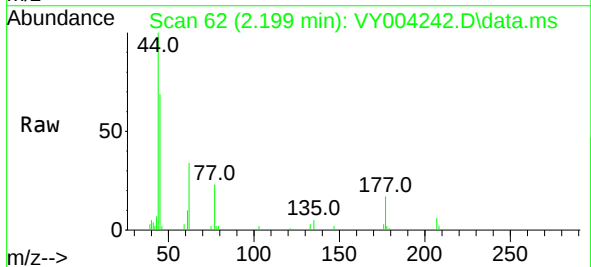
Instrument :
MSVOA_Y
ClientSampleId :
TP-1D1-(4-7.5)

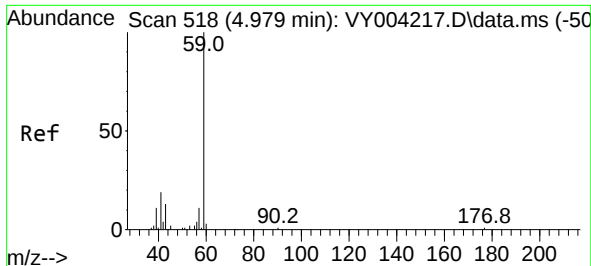
Tgt Ion:168 Resp: 214407
Ion Ratio Lower Upper
168 100
99 54.7 42.6 64.0



#4
Vinyl Chloride
Concen: 1.80 ug/l
RT: 2.199 min Scan# 62
Delta R.T. -0.055 min
Lab File: VY004242.D
Acq: 01 Apr 2021 13:43

Tgt Ion: 62 Resp: 5030
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#



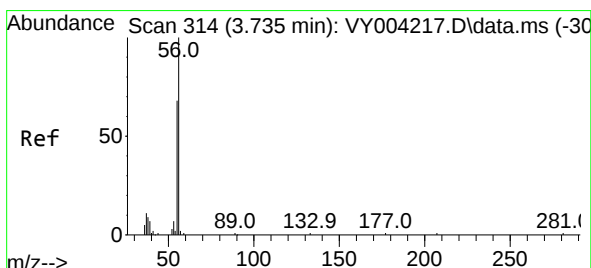
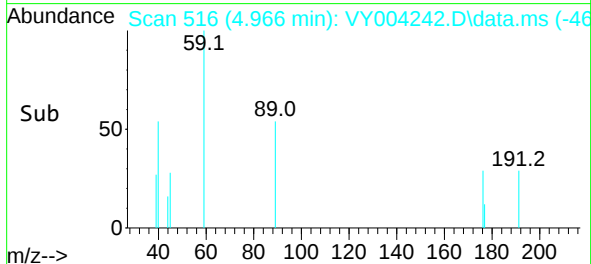
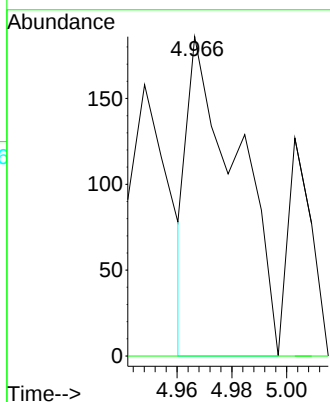
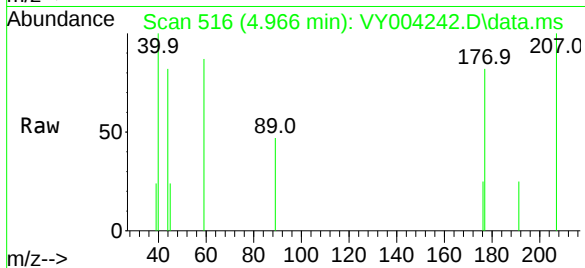


#11

Tert butyl alcohol
Concen: 1.40 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004242.D
Acq: 01 Apr 2021 13:43

Instrument :
MSVOA_Y
ClientSampleId :
TP-1D1-(4-7.5)

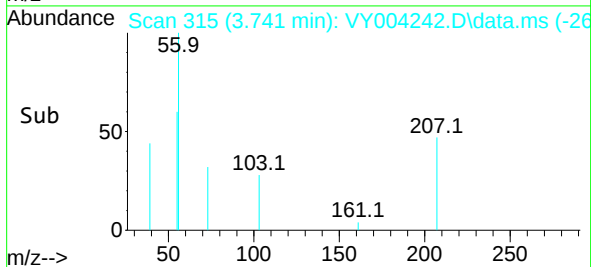
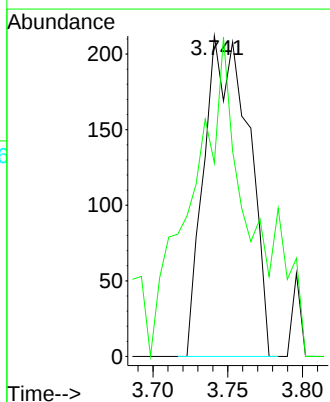
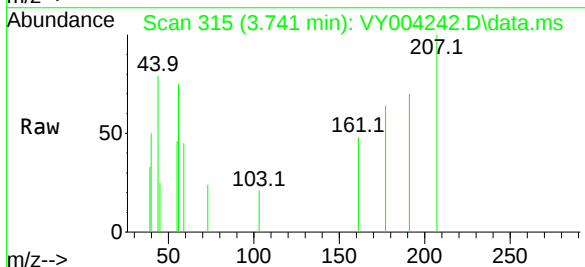
Tgt Ion: 59 Resp: 234
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

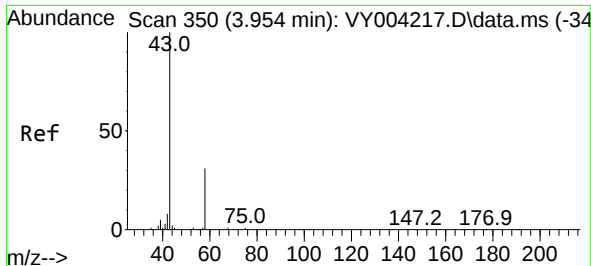


#13

Acrolein
Concen: Below Cal
RT: 3.741 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY004242.D
Acq: 01 Apr 2021 13:43

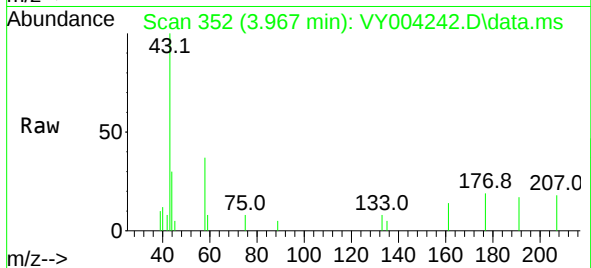
Tgt Ion: 56 Resp: 436
Ion Ratio Lower Upper
56 100
55 114.9 55.0 82.4#



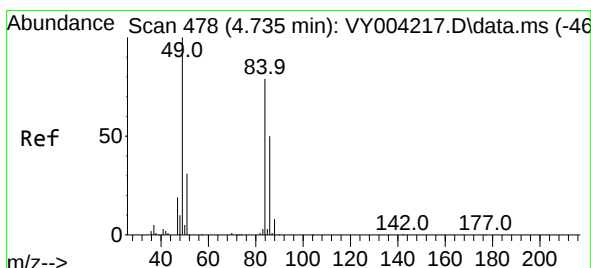
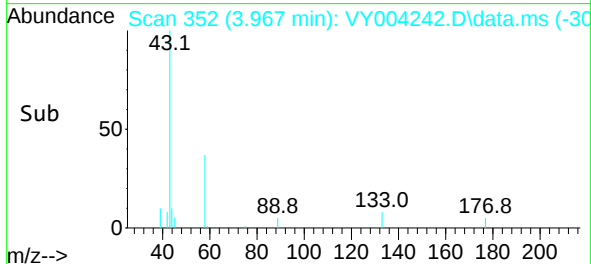
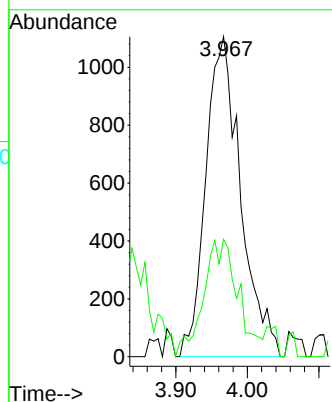


#16
Acetone
Concen: 8.72 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY004242.D
Acq: 01 Apr 2021 13:43

Instrument :
MSVOA_Y
ClientSampleId :
TP-1D1-(4-7.5)

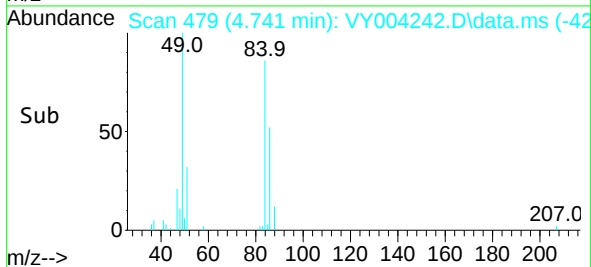
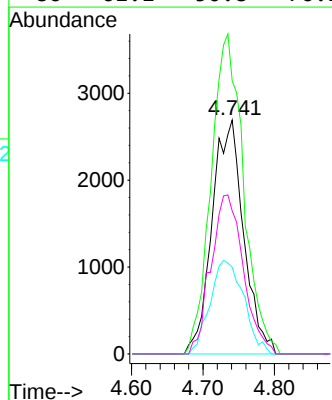
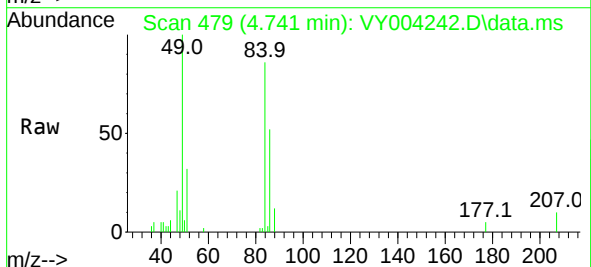


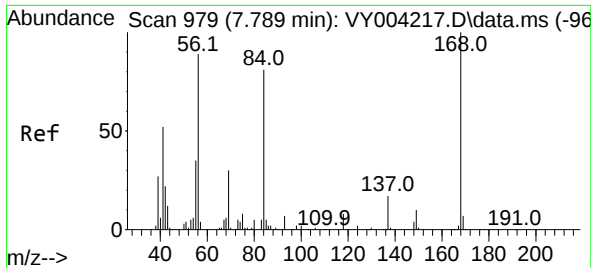
Tgt Ion: 43 Resp: 3745
Ion Ratio Lower Upper
43 100
58 36.7 24.5 36.7



#20
Methylene Chloride
Concen: 1.47 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY004242.D
Acq: 01 Apr 2021 13:43

Tgt Ion: 84 Resp: 8244
Ion Ratio Lower Upper
84 100
49 116.8 101.5 152.3
51 37.1 31.5 47.3
86 61.1 50.8 76.2

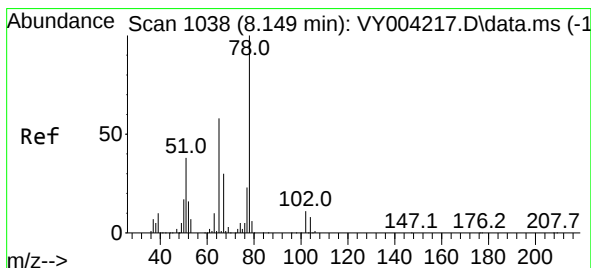
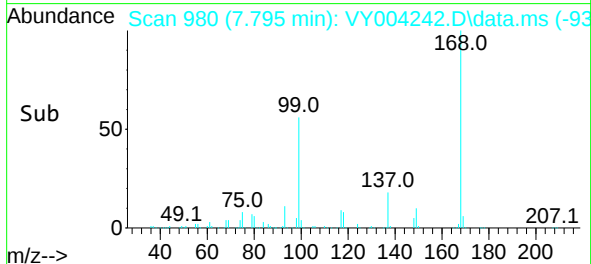
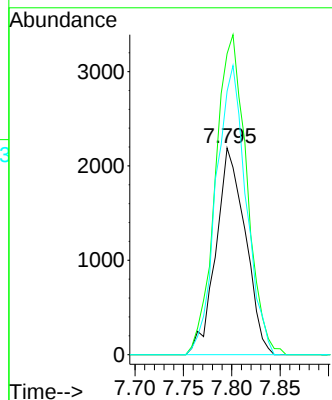
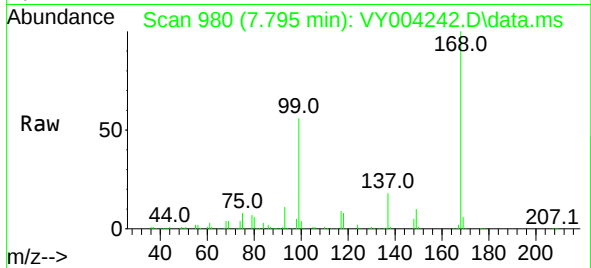




#31
Cyclohexane
Concen: 1.27 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004242.D
Acq: 01 Apr 2021 13:43

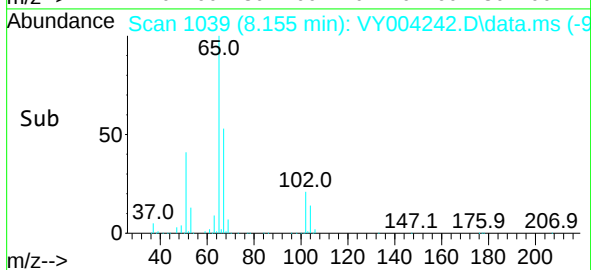
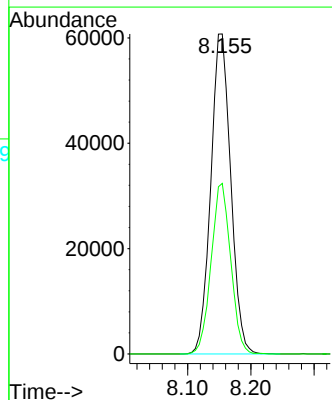
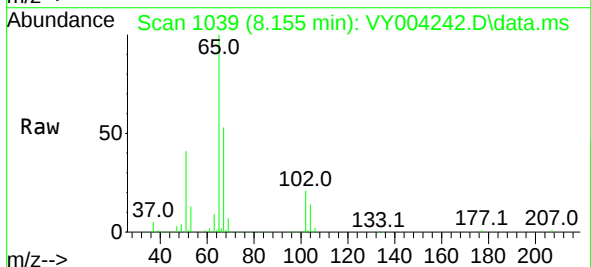
Instrument :
MSVOA_Y
ClientSampleId :
TP-1D1-(4-7.5)

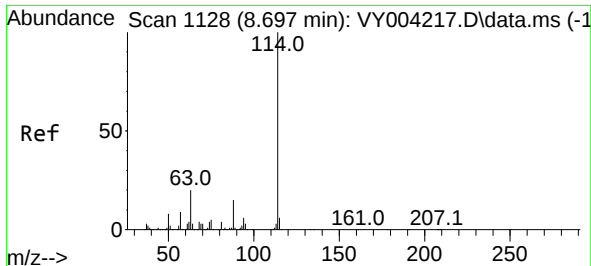
Tgt Ion: 56 Resp: 4628
Ion Ratio Lower Upper
56 100
69 145.5 26.6 40.0#
84 127.3 72.3 108.5#



#33
1,2-Dichloroethane-d4
Concen: 64.53 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004242.D
Acq: 01 Apr 2021 13:43

Tgt Ion: 65 Resp: 133008
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.2

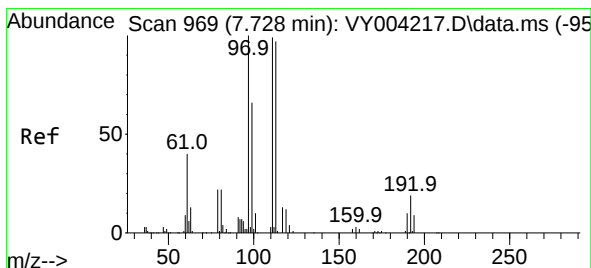
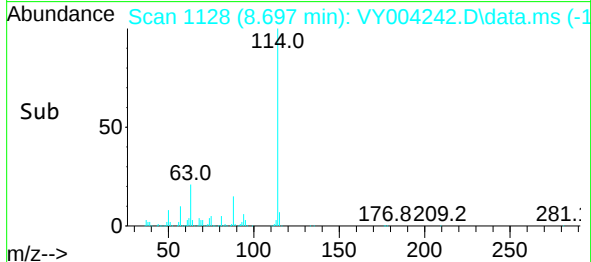
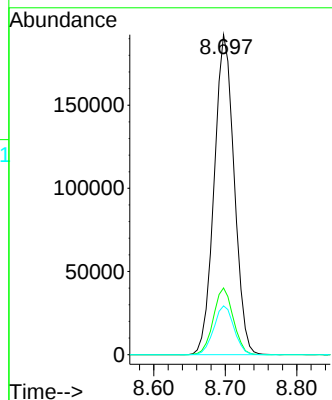
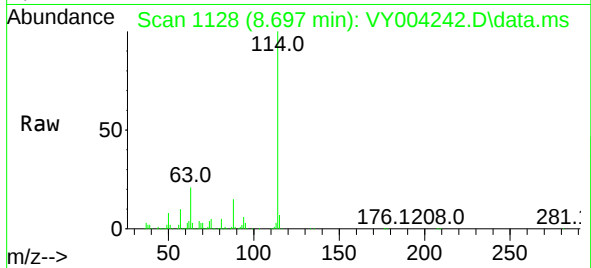




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004242.D
Acq: 01 Apr 2021 13:43

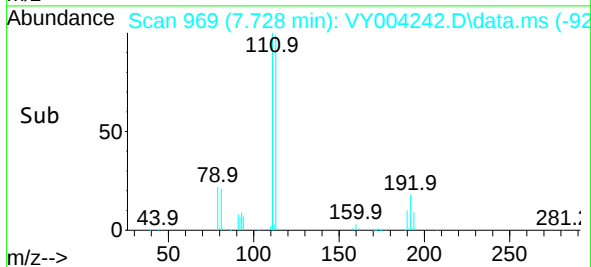
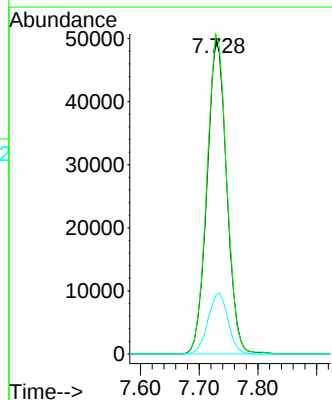
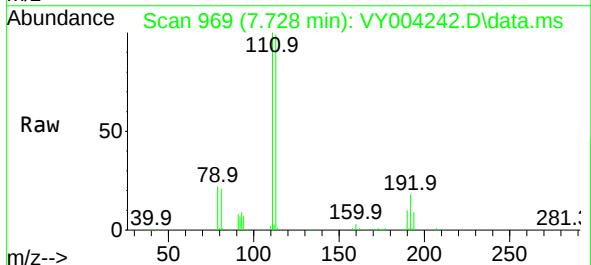
Instrument :
MSVOA_Y
ClientSampleId :
TP-1D1-(4-7.5)

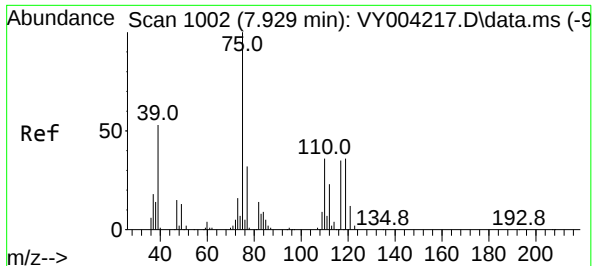
Tgt Ion:114 Resp: 373437
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.4
88 15.2 0.0 30.8



#35
Dibromofluoromethane
Concen: 55.84 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004242.D
Acq: 01 Apr 2021 13:43

Tgt Ion:113 Resp: 116182
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 19.6 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.87 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.134 min

Lab File: VY004242.D

Acq: 01 Apr 2021 13:43

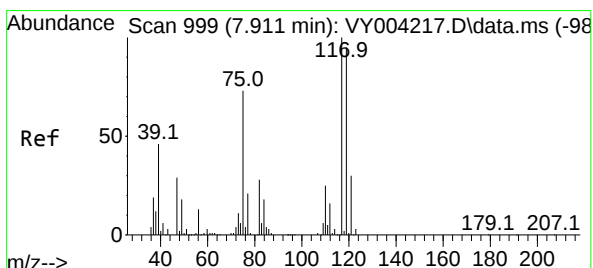
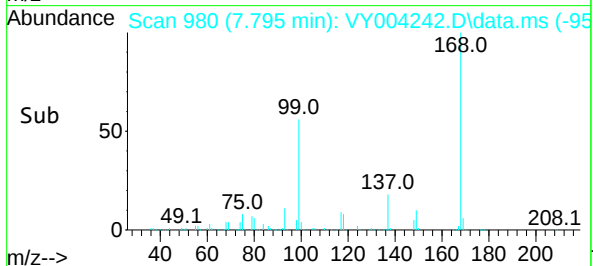
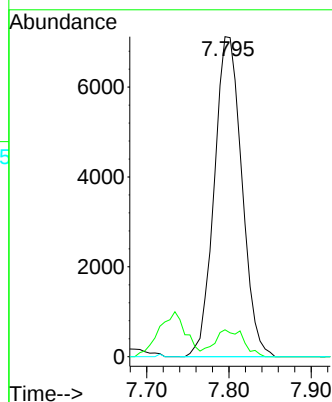
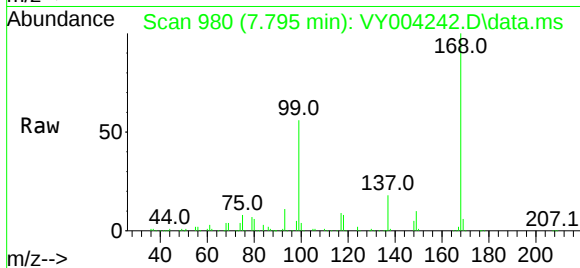
Instrument :

MSVOA_Y

ClientSampleId :

TP-1D1-(4-7.5)

Tgt Ion: 75	Resp: 16586
Ion Ratio	Lower Upper
75 100	
110 9.0	18.1 54.3#
77 0.0	25.1 37.7#



#38

Carbon Tetrachloride

Concen: 7.08 ug/l

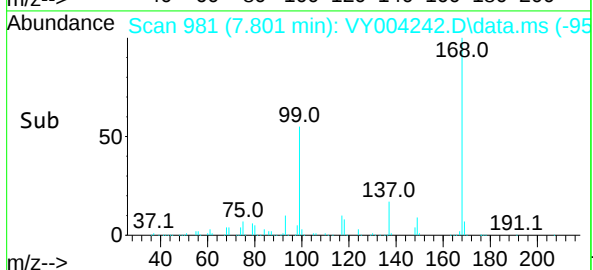
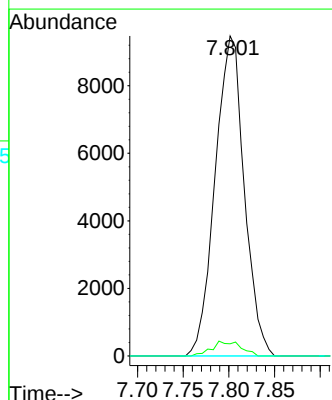
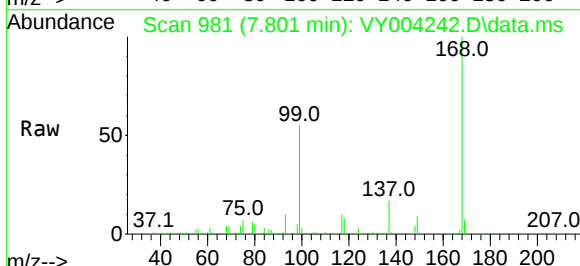
RT: 7.801 min Scan# 981

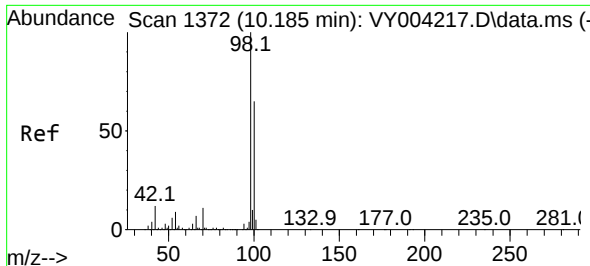
Delta R.T. -0.110 min

Lab File: VY004242.D

Acq: 01 Apr 2021 13:43

Tgt Ion: 117	Resp: 20993
Ion Ratio	Lower Upper
117 100	
119 3.8	75.6 113.4#
121 0.0	24.3 36.5#

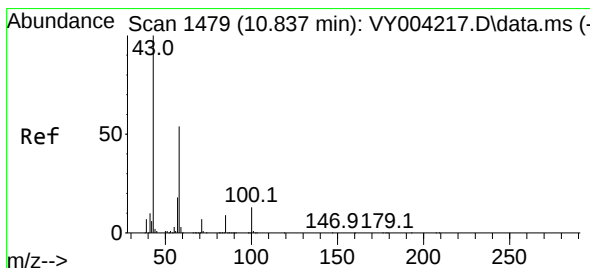
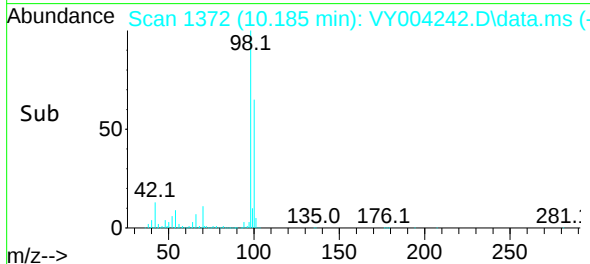
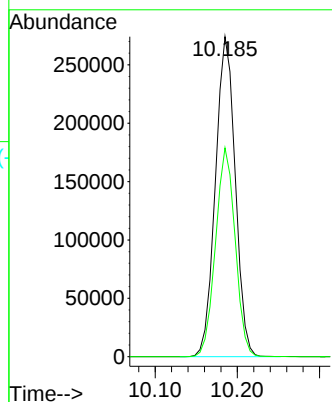
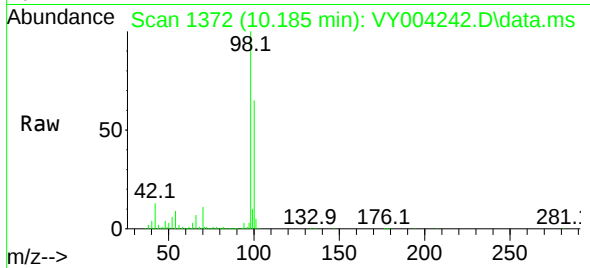




#50
Toluene-d8
Concen: 58.82 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004242.D
Acq: 01 Apr 2021 13:43

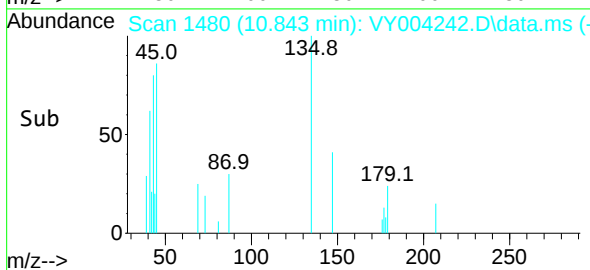
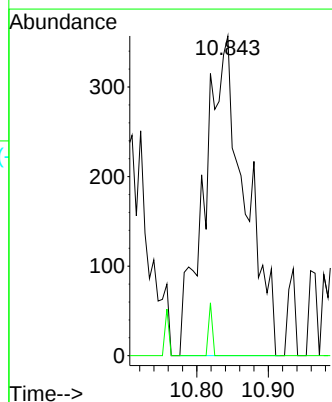
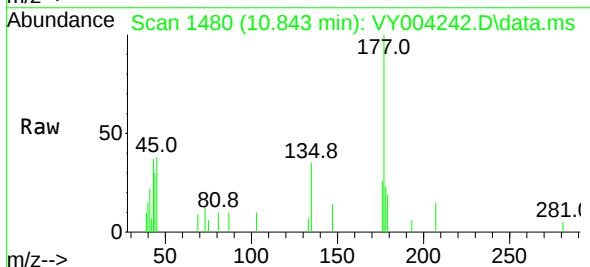
Instrument :
MSVOA_Y
ClientSampleId :
TP-1D1-(4-7.5)

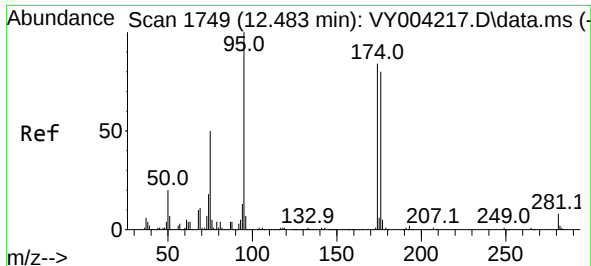
Tgt Ion: 98 Resp: 460308
Ion Ratio Lower Upper
98 100
100 64.4 52.5 78.7



#59
2-Hexanone
Concen: 1.05 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VY004242.D
Acq: 01 Apr 2021 13:43

Tgt Ion: 43 Resp: 1396
Ion Ratio Lower Upper
43 100
58 0.0 26.7 80.1#

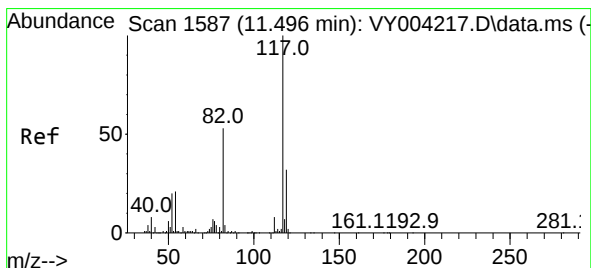
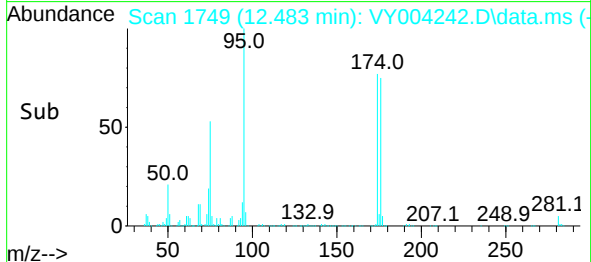
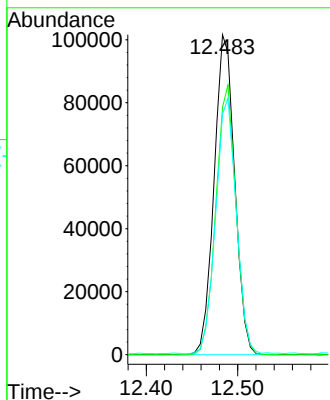
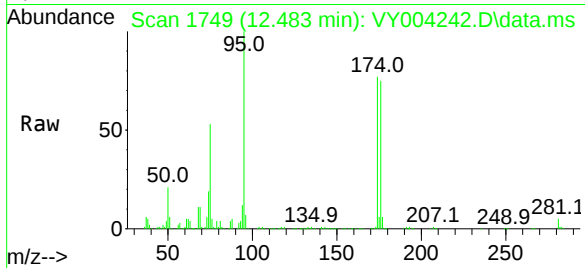




#62
4-Bromofluorobenzene
Concen: 59.27 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004242.D
Acq: 01 Apr 2021 13:43

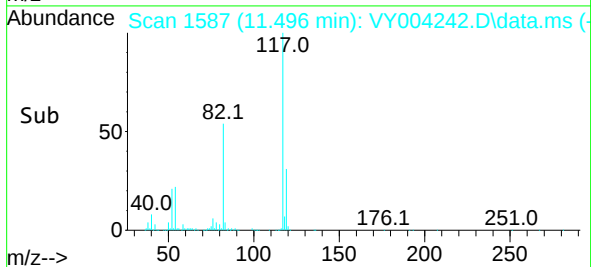
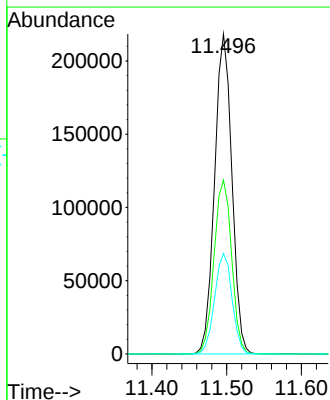
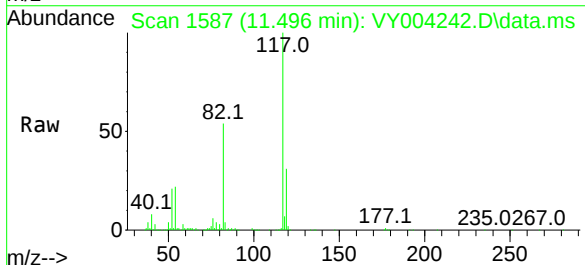
Instrument :
MSVOA_Y
ClientSampleId :
TP-1D1-(4-7.5)

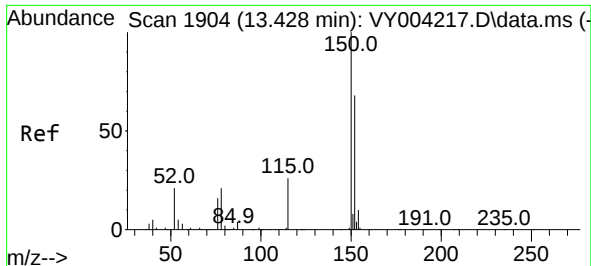
Tgt Ion: 95 Resp: 158966
Ion Ratio Lower Upper
95 100
174 82.7 0.0 171.4
176 79.8 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004242.D
Acq: 01 Apr 2021 13:43

Tgt Ion: 117 Resp: 351610
Ion Ratio Lower Upper
117 100
82 54.4 42.7 64.1
119 31.4 25.7 38.5

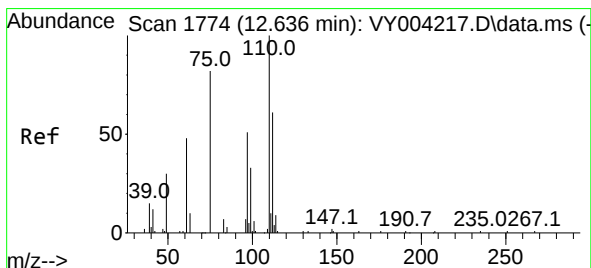
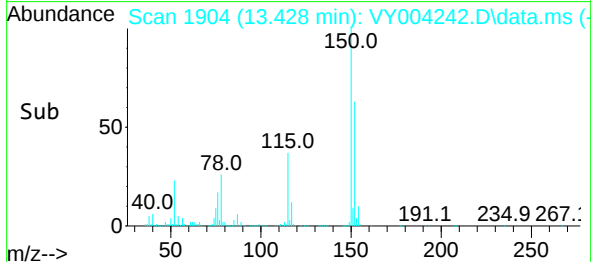
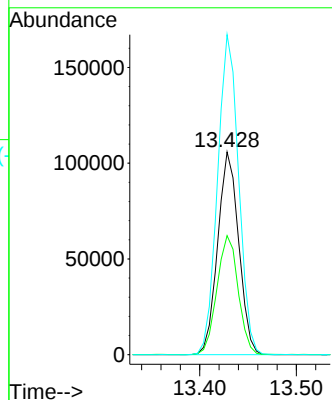
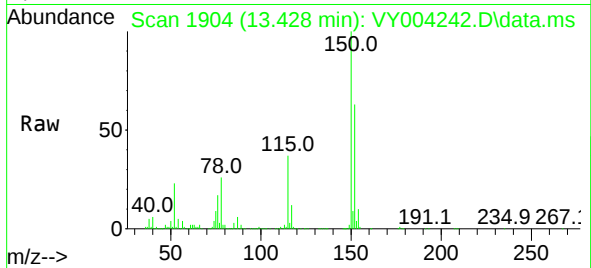




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004242.D
 Acq: 01 Apr 2021 13:43

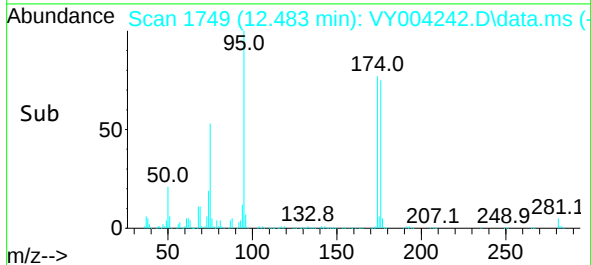
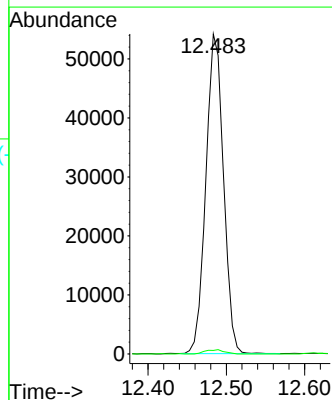
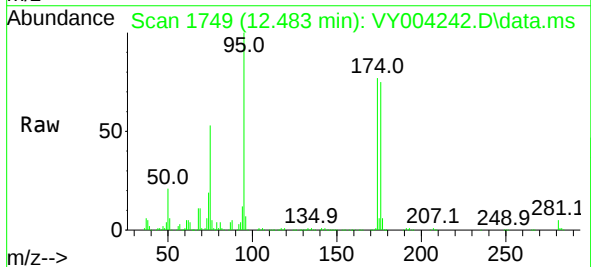
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1D1-(4-7.5)

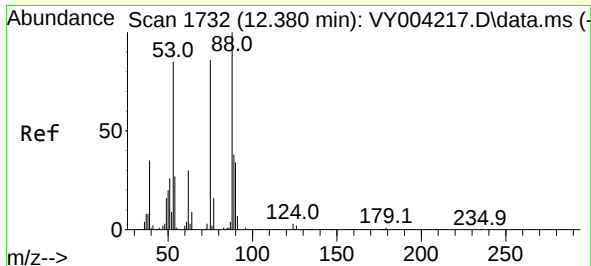
Tgt Ion:152 Resp: 159214
 Ion Ratio Lower Upper
 152 100
 115 59.2 29.0 87.1
 150 158.4 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 58.36 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004242.D
 Acq: 01 Apr 2021 13:43

Tgt Ion: 75 Resp: 84377
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#

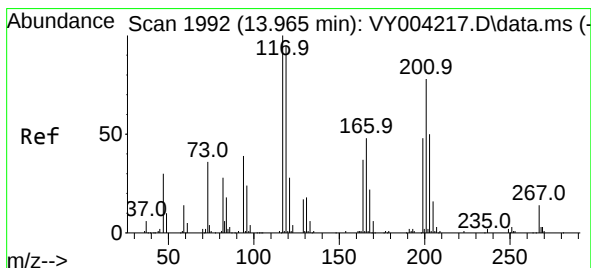
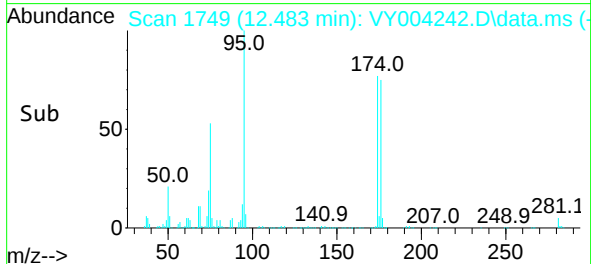
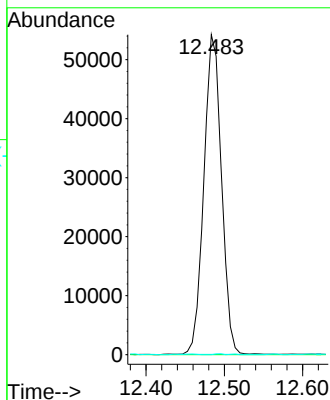
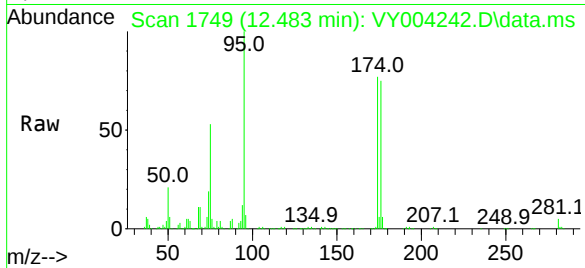




#81
trans-1,4-Dichloro-2-butene
Concen: 107.56 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004242.D
Acq: 01 Apr 2021 13:43

Instrument :
MSVOA_Y
ClientSampleId :
TP-1D1-(4-7.5)

Tgt Ion: 75 Resp: 84377
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 0.2 39.4 59.2#



#90
Hexachloroethane
Concen: 7.36 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.006 min
Lab File: VY004242.D
Acq: 01 Apr 2021 13:43

Tgt Ion: 117 Resp: 83
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#

