

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040121\
 Data File : VY004245.D
 Acq On : 01 Apr 2021 14:53
 Operator : SY/MD
 Sample : M1854-01RE
 Misc : 9.75g/5mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1S-(0-4)

Quant Time: Apr 02 02:10:27 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)

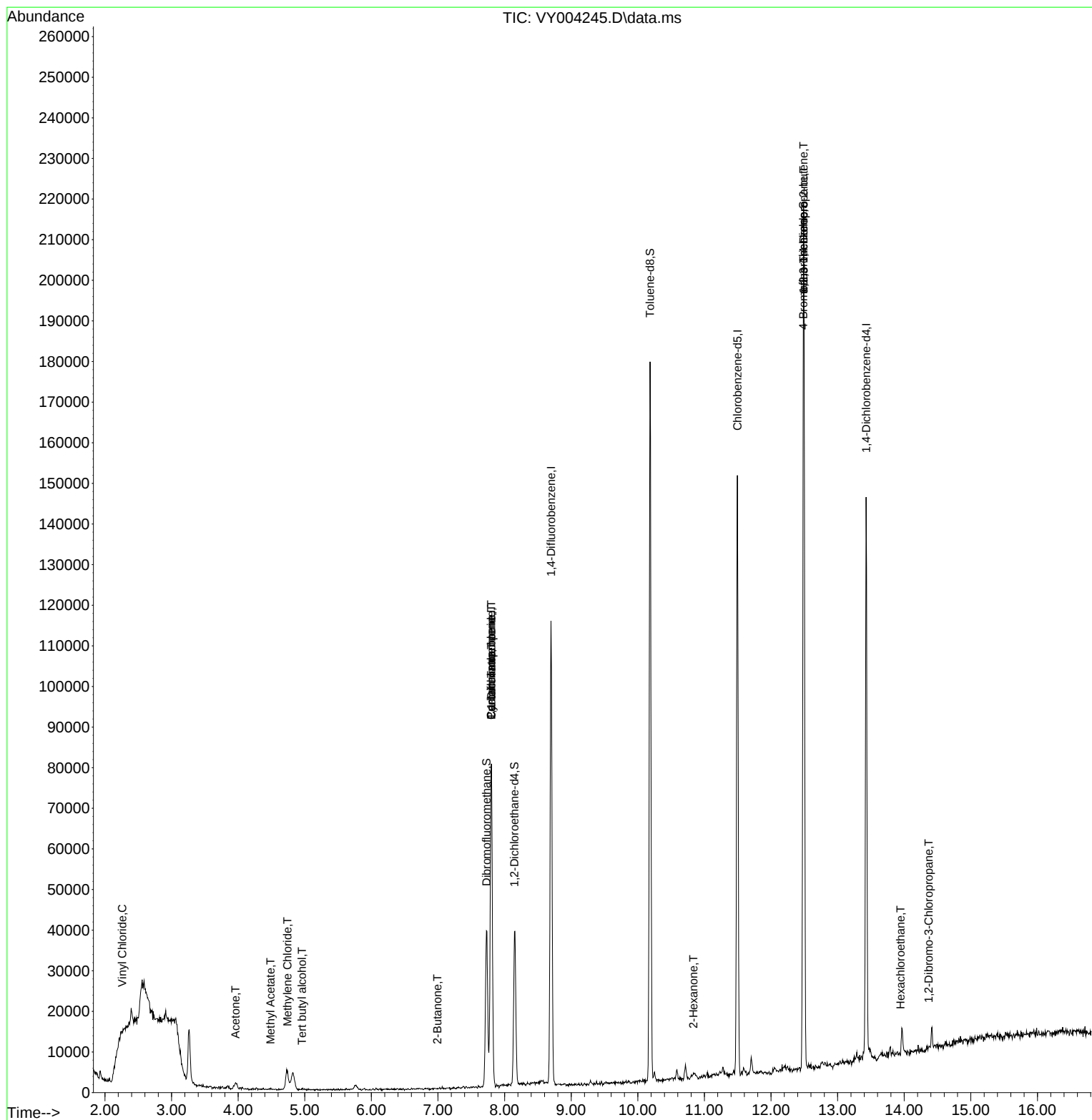
Internal Standards						
1) Pentafluorobenzene	7.801	168	61862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	93033	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	77814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	33114	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	29247	49.18	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.36%			
35) Dibromofluoromethane	7.728	113	26824	51.75	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.50%			
50) Toluene-d8	10.184	98	111375	57.13	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.26%			
62) 4-Bromofluorobenzene	12.483	95	33509	50.15	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.30%			
Target Compounds					Qvalue	
4) Vinyl Chloride	2.259	62	9425	11.69	ug/l #	42
11) Tert butyl alcohol	4.960	59	382	7.89	ug/l #	71
13) Acrolein	3.734	56	326	Below Cal		84
16) Acetone	3.960	43	2579	20.82	ug/l	89
18) Methyl Acetate	4.484	43	807	2.04	ug/l #	51
20) Methylene Chloride	4.740	84	3144	2.80	ug/l	89
25) 2-Butanone	6.990	43	287	1.39	ug/l #	49
31) Cyclohexane	7.801	56	1359	1.29	ug/l #	28
36) 1,1-Dichloropropene	7.801	75	5202	6.13	ug/l #	48
38) Carbon Tetrachloride	7.801	117	6123	8.29	ug/l #	16
49) 1,4-Dioxane	9.288	88	214	Below Cal	#	1
59) 2-Hexanone	10.837	43	1350	4.09	ug/l #	27
76) 1,2,3-Trichloropropane	12.489	75	19594	65.16	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	19594	120.10	ug/l #	11
90) Hexachloroethane	13.946	117	97	7.71	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.367	75	98	1.17	ug/l #	1

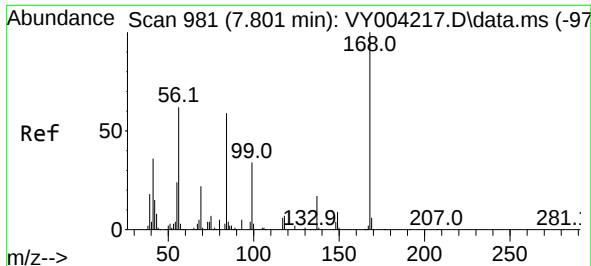
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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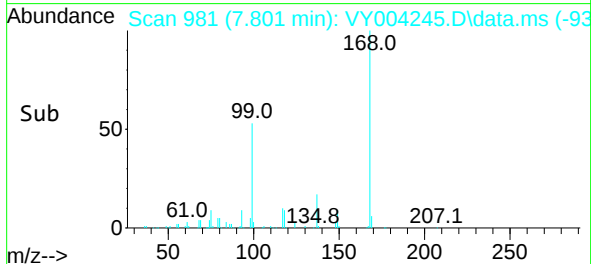
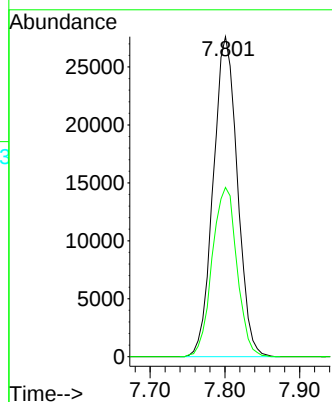
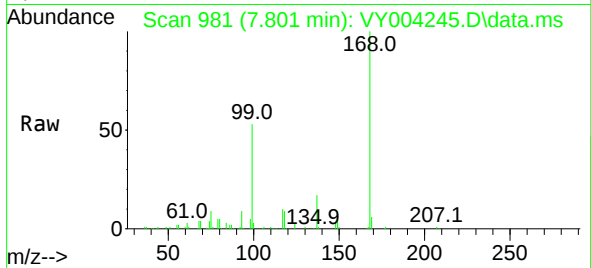




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004245.D
Acq: 01 Apr 2021 14:53

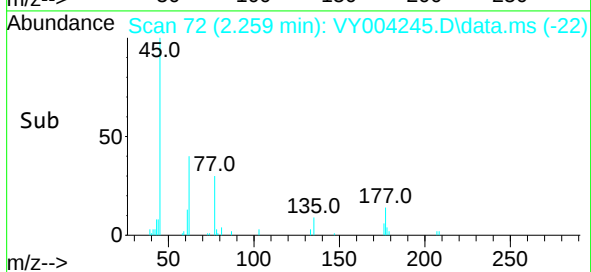
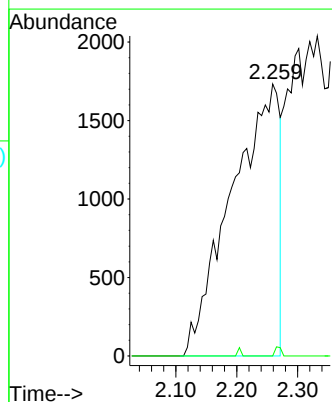
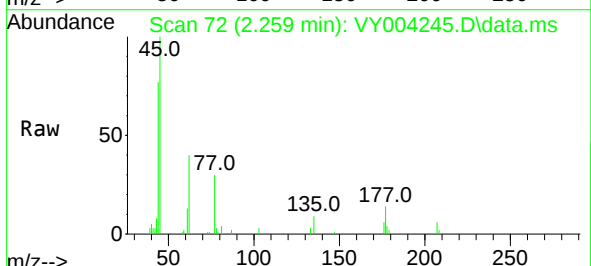
Instrument :
MSVOA_Y
ClientSampleId :
TP-1S-(0-4)

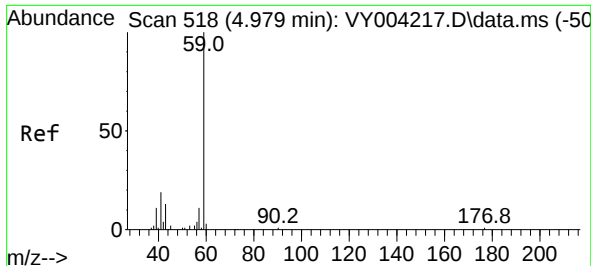
Tgt Ion:168 Resp: 61862
Ion Ratio Lower Upper
168 100
99 52.9 42.6 64.0



#4
Vinyl Chloride
Concen: 11.69 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY004245.D
Acq: 01 Apr 2021 14:53

Tgt Ion: 62 Resp: 9425
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#



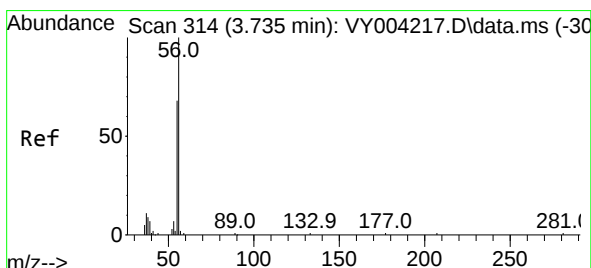
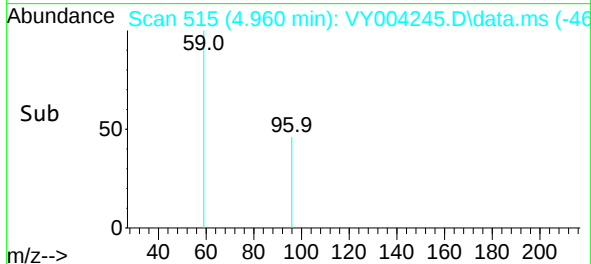
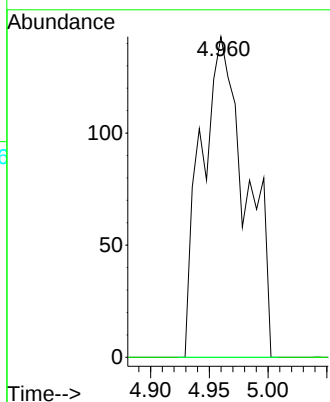
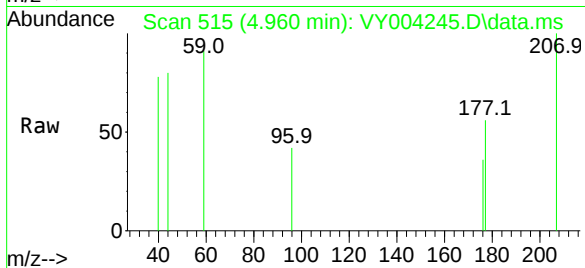


#11

Tert butyl alcohol
Concen: 7.89 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.019 min
Lab File: VY004245.D
Acq: 01 Apr 2021 14:53

Instrument :
MSVOA_Y
ClientSampleId :
TP-1S-(0-4)

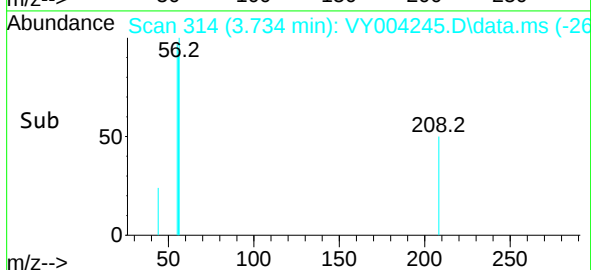
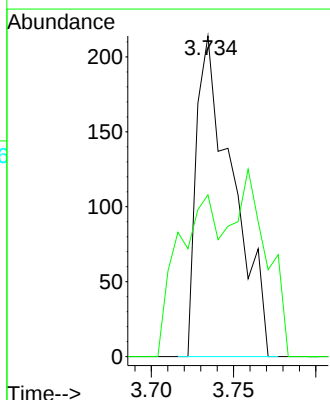
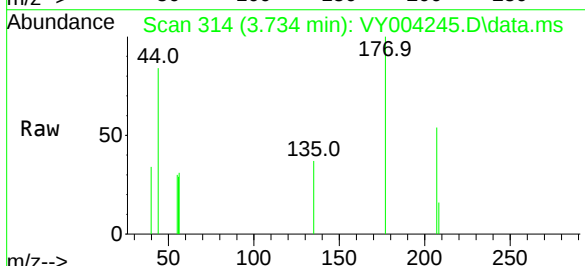
Tgt Ion: 59 Resp: 382
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

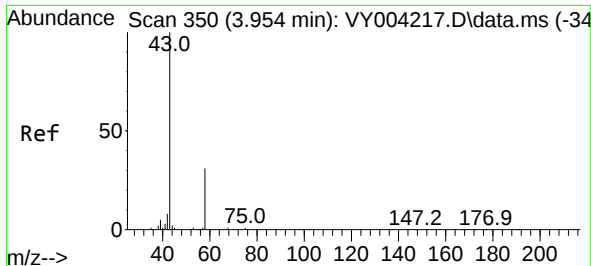


#13

Acrolein
Concen: Below Cal
RT: 3.734 min Scan# 314
Delta R.T. -0.001 min
Lab File: VY004245.D
Acq: 01 Apr 2021 14:53

Tgt Ion: 56 Resp: 326
Ion Ratio Lower Upper
56 100
55 55.5 55.0 82.4

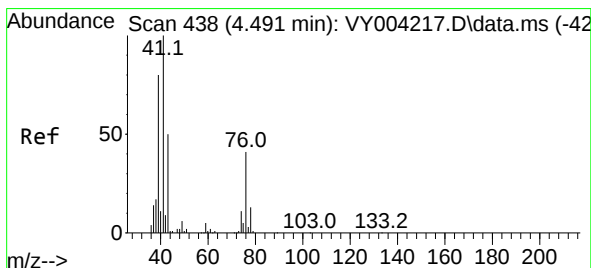
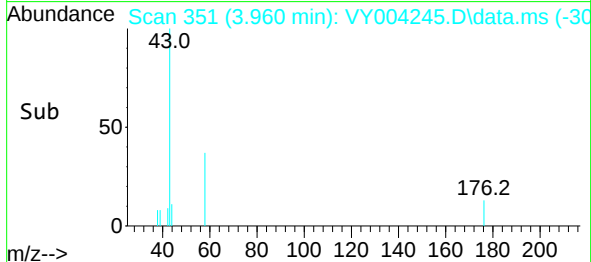
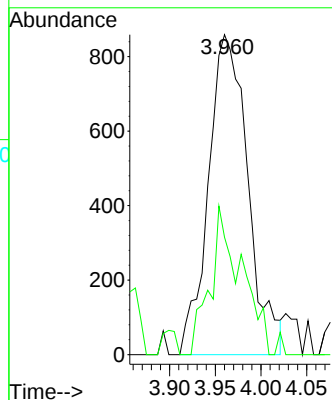
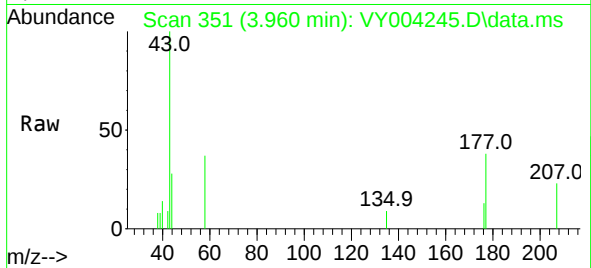




#16
Acetone
Concen: 20.82 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004245.D
Acq: 01 Apr 2021 14:53

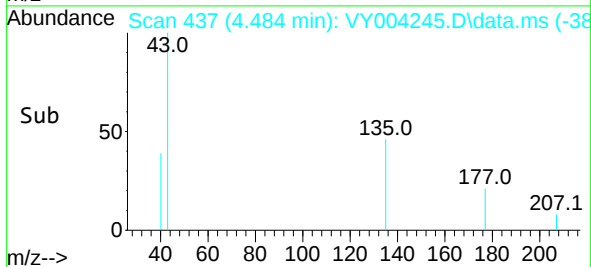
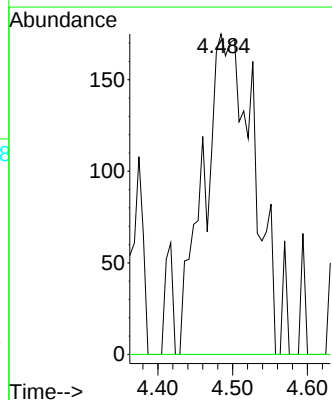
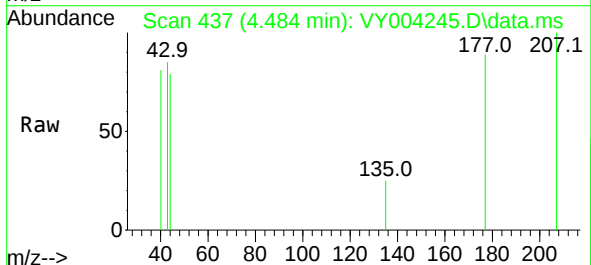
Instrument :
MSVOA_Y
ClientSampleId :
TP-1S-(0-4)

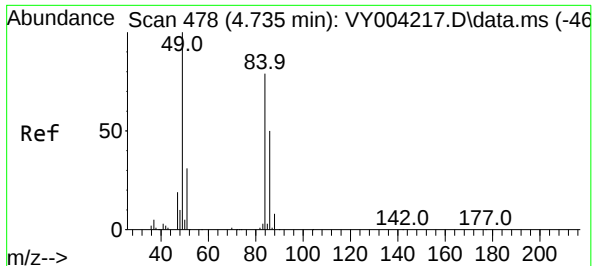
Tgt Ion: 43 Resp: 2579
Ion Ratio Lower Upper
43 100
58 36.7 24.5 36.7



#18
Methyl Acetate
Concen: 2.04 ug/l
RT: 4.484 min Scan# 437
Delta R.T. -0.007 min
Lab File: VY004245.D
Acq: 01 Apr 2021 14:53

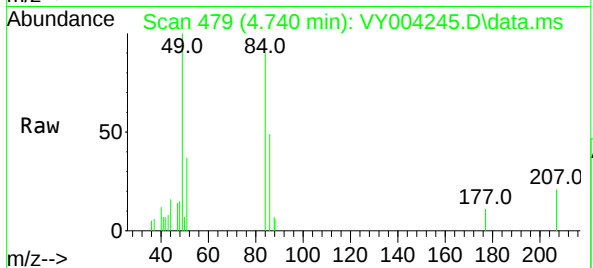
Tgt Ion: 43 Resp: 807
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#



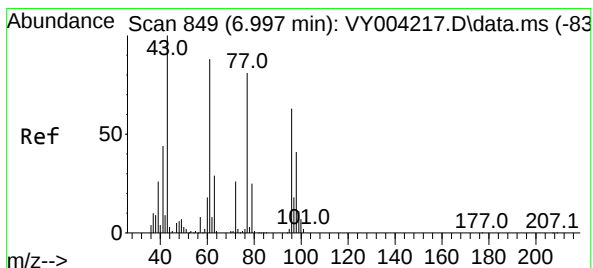
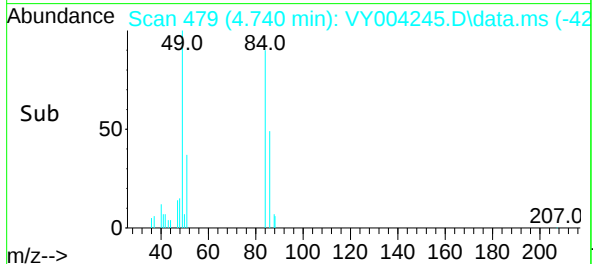
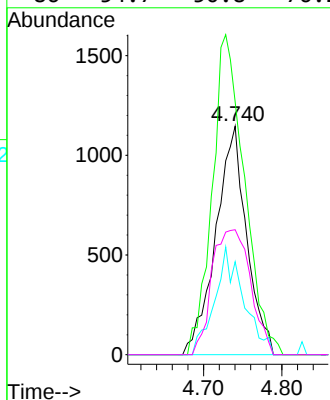


#20
Methylene Chloride
Concen: 2.80 ug/l
RT: 4.740 min Scan# 479
Delta R.T. 0.005 min
Lab File: VY004245.D
Acq: 01 Apr 2021 14:53

Instrument :
MSVOA_Y
ClientSampleId :
TP-1S-(0-4)

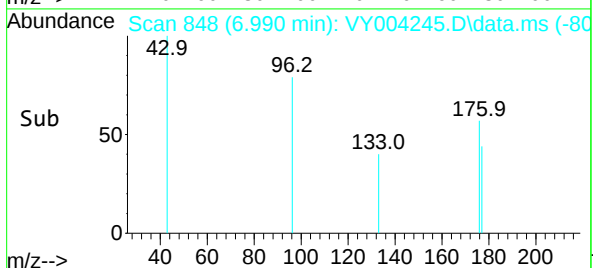
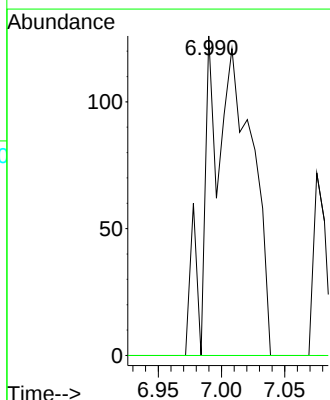
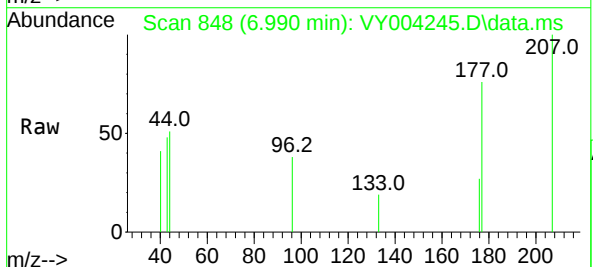


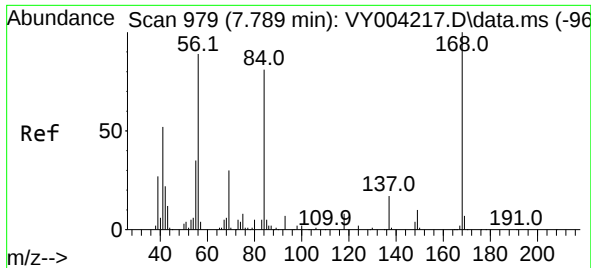
Tgt Ion:	84	Resp:	3144
Ion	Ratio	Lower	Upper
84	100		
49	110.6	101.5	152.3
51	40.7	31.5	47.3
86	54.7	50.8	76.2



#25
2-Butanone
Concen: 1.39 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.007 min
Lab File: VY004245.D
Acq: 01 Apr 2021 14:53

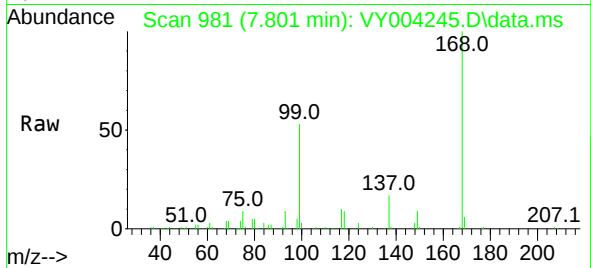
Tgt Ion:	43	Resp:	287
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.6#



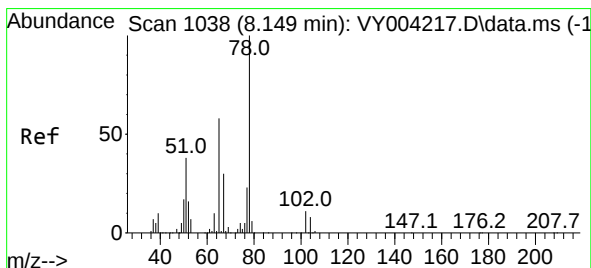
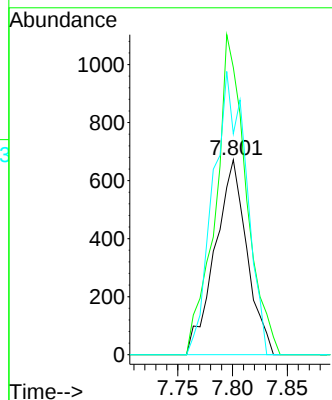
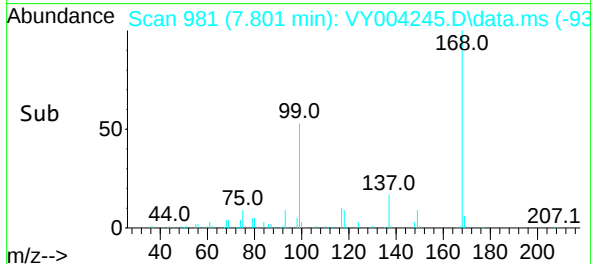


#31
Cyclohexane
Concen: 1.29 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004245.D
Acq: 01 Apr 2021 14:53

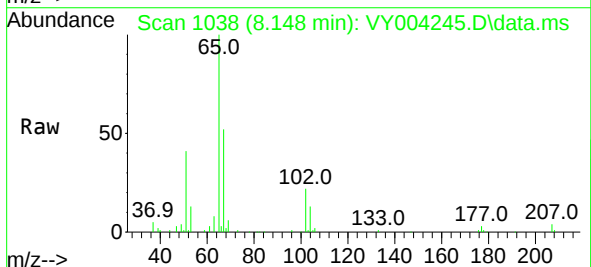
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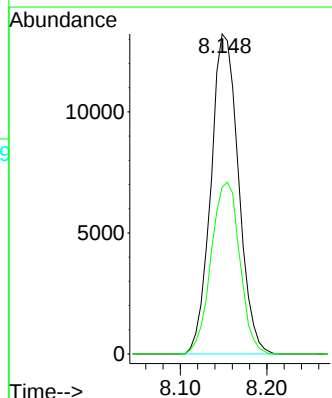
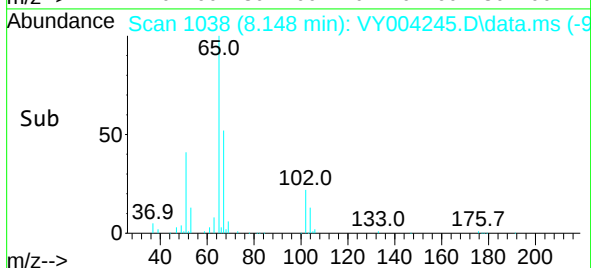
Tgt Ion: 56 Resp: 1359
Ion Ratio Lower Upper
56 100
69 147.3 26.6 40.0#
84 113.2 72.3 108.5#

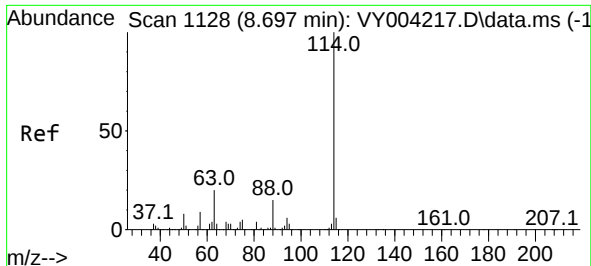


#33
1,2-Dichloroethane-d4
Concen: 49.18 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004245.D
Acq: 01 Apr 2021 14:53



Tgt Ion: 65 Resp: 29247
Ion Ratio Lower Upper
65 100
67 55.5 0.0 103.2

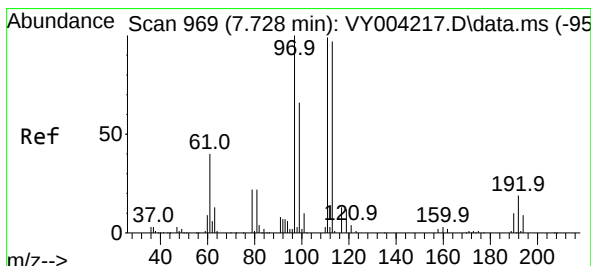
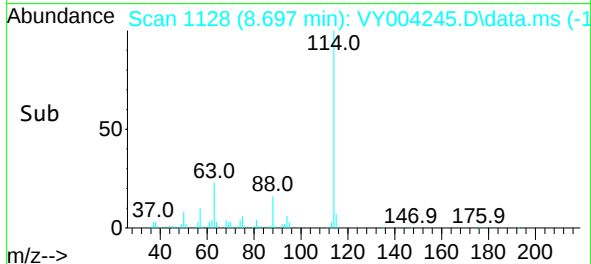
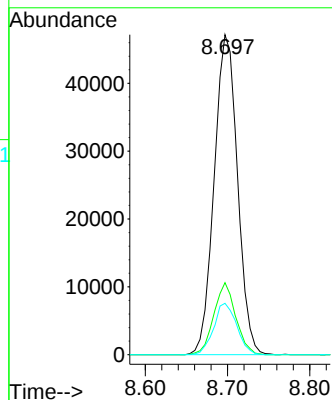
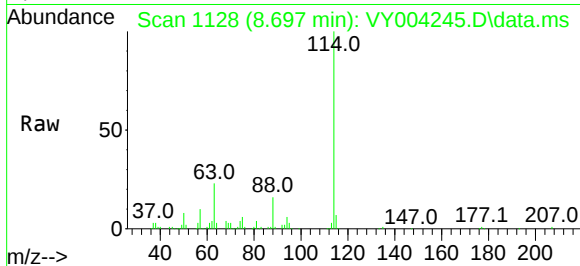




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004245.D
Acq: 01 Apr 2021 14:53

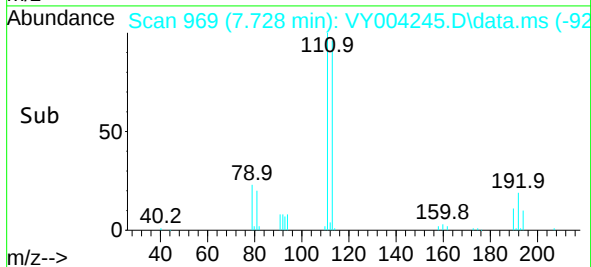
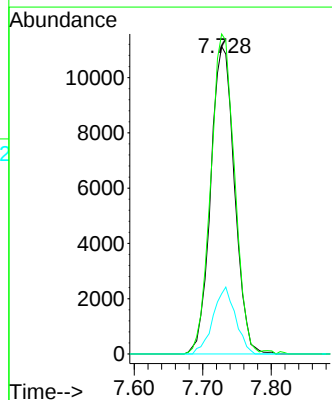
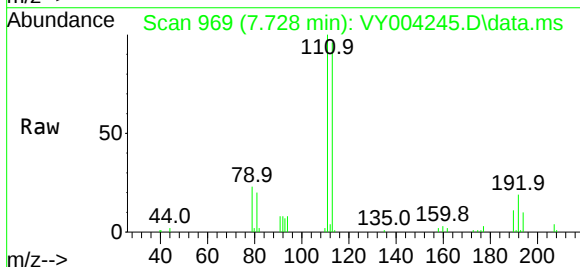
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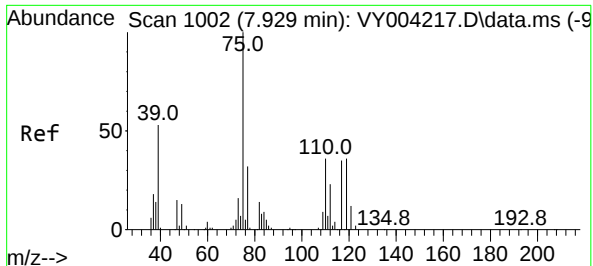
Tgt Ion:	114	Resp:	93033
Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	40.4
88	16.1	0.0	30.8



#35
Dibromofluoromethane
Concen: 51.75 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004245.D
Acq: 01 Apr 2021 14:53

Tgt Ion:	113	Resp:	26824
Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.6	124.0
192	20.5	16.4	24.6





#36

1,1-Dichloropropene

Concen: 6.13 ug/l

RT: 7.801 min Scan# 981

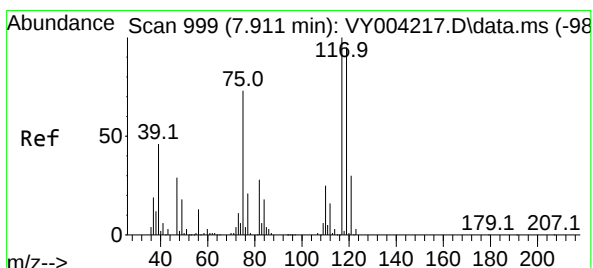
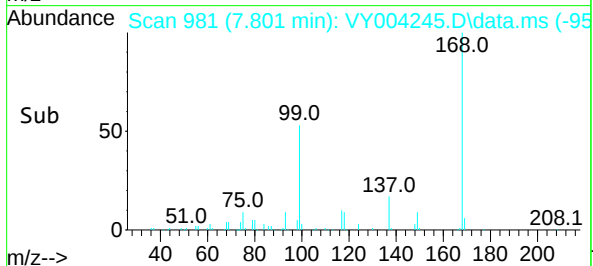
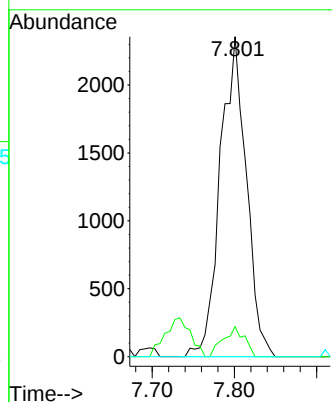
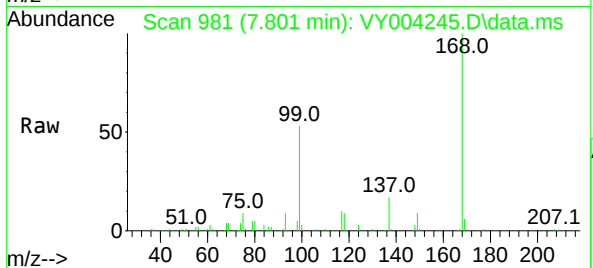
Delta R.T. -0.128 min

Lab File: VY004245.D

Acq: 01 Apr 2021 14:53

Tgt Ion: 75	Resp: 5202
Ion Ratio	Lower Upper
75 100	
110 7.5	18.1 54.3#
77 0.0	25.1 37.7#

Instrument :
MSVOA_Y
ClientSampled :
TP-1S-(0-4)



#38

Carbon Tetrachloride

Concen: 8.29 ug/l

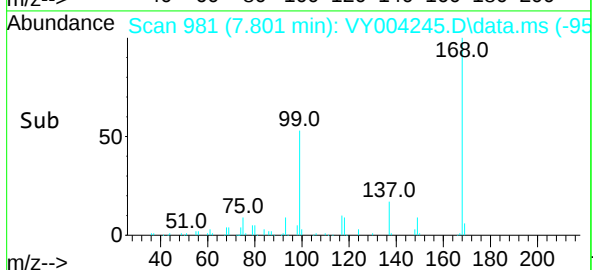
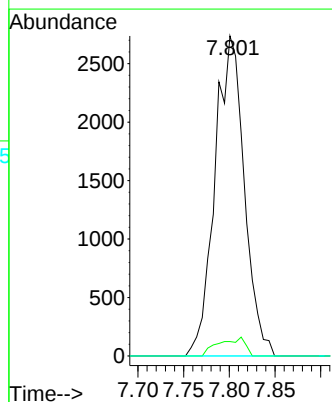
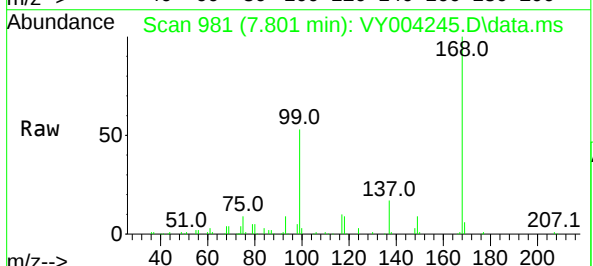
RT: 7.801 min Scan# 981

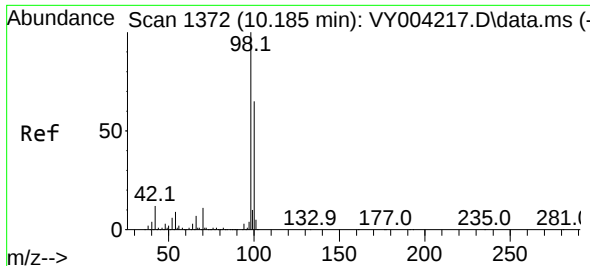
Delta R.T. -0.110 min

Lab File: VY004245.D

Acq: 01 Apr 2021 14:53

Tgt Ion: 117	Resp: 6123
Ion Ratio	Lower Upper
117 100	
119 4.5	75.6 113.4#
121 0.0	24.3 36.5#

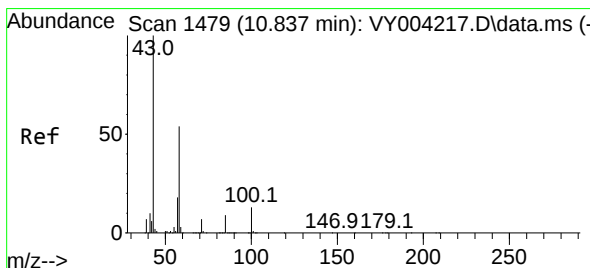
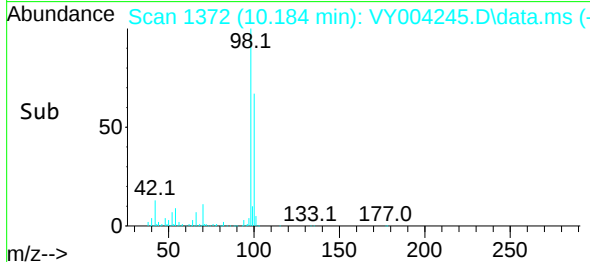
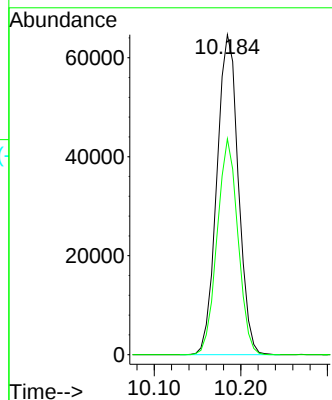
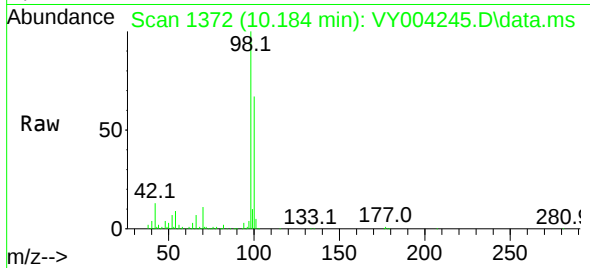




#50
Toluene-d8
Concen: 57.13 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004245.D
Acq: 01 Apr 2021 14:53

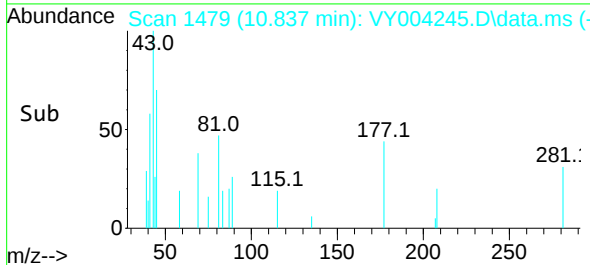
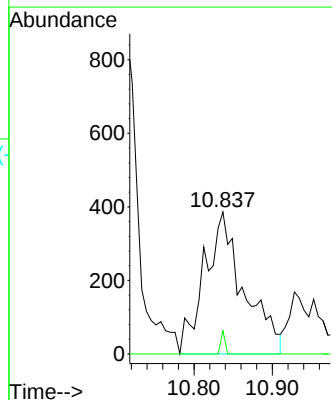
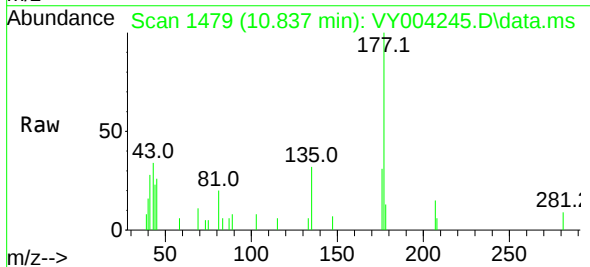
Instrument :
MSVOA_Y
ClientSampleId :
TP-1S-(0-4)

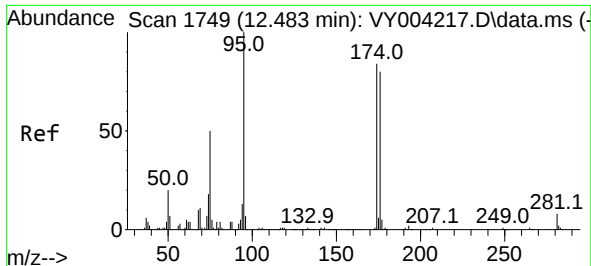
Tgt Ion: 98 Resp: 111375
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7



#59
2-Hexanone
Concen: 4.09 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY004245.D
Acq: 01 Apr 2021 14:53

Tgt Ion: 43 Resp: 1350
Ion Ratio Lower Upper
43 100
58 1.7 26.7 80.1#

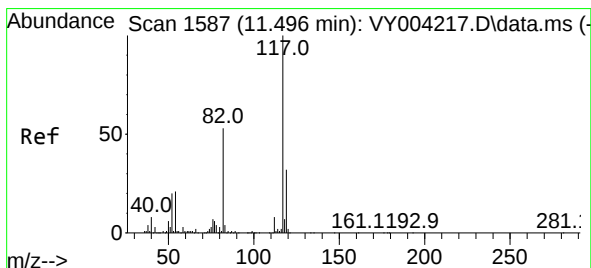
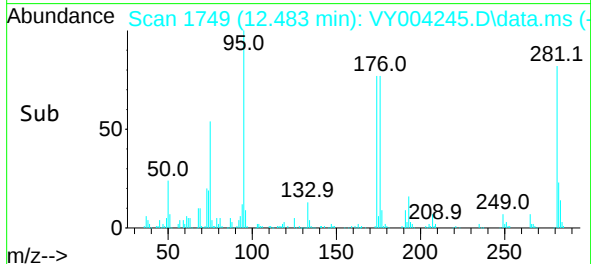
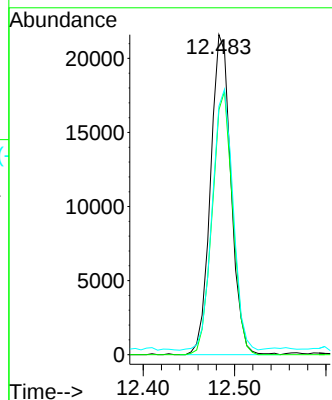
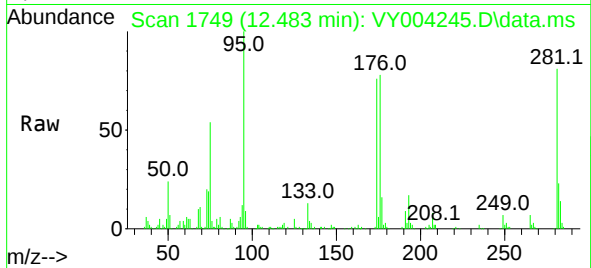




#62
4-Bromofluorobenzene
Concen: 50.15 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004245.D
Acq: 01 Apr 2021 14:53

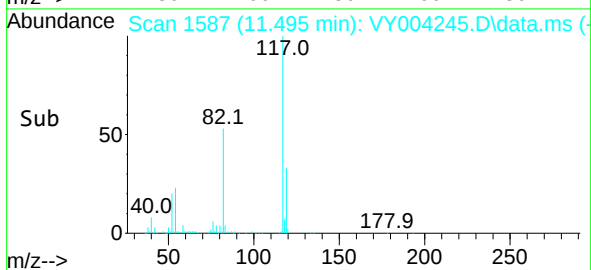
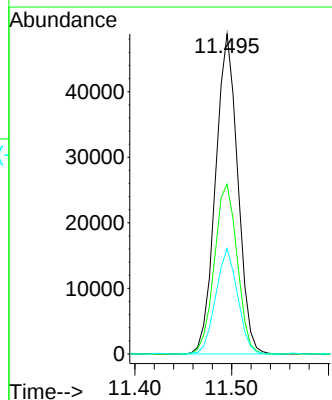
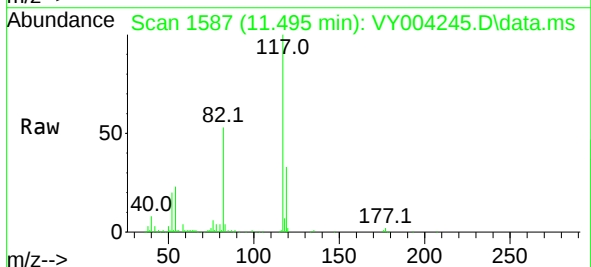
Instrument :
MSVOA_Y
ClientSampleId :
TP-1S-(0-4)

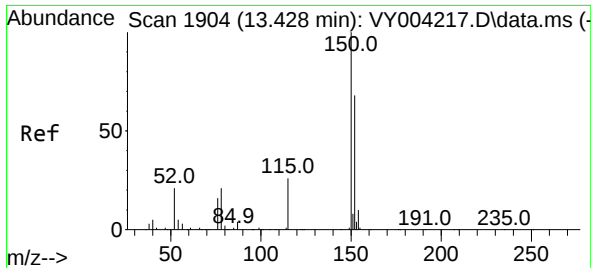
Tgt Ion:	95	Resp:	33509
Ion	Ratio	Lower	Upper
95	100		
174	82.0	0.0	171.4
176	82.6	0.0	165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004245.D
Acq: 01 Apr 2021 14:53

Tgt Ion:	117	Resp:	77814
Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.7	64.1
119	33.0	25.7	38.5

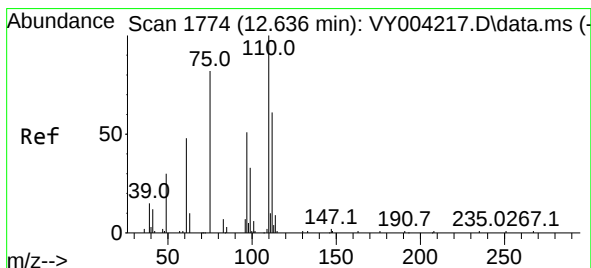
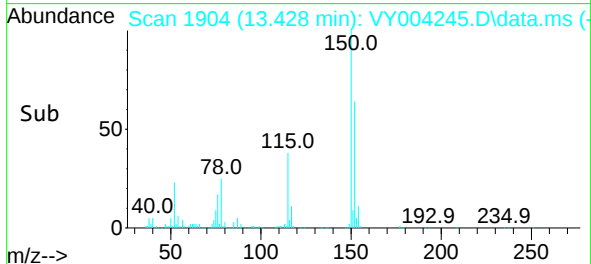
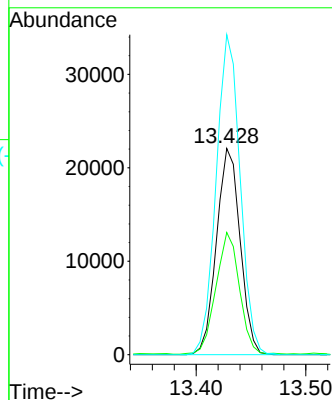
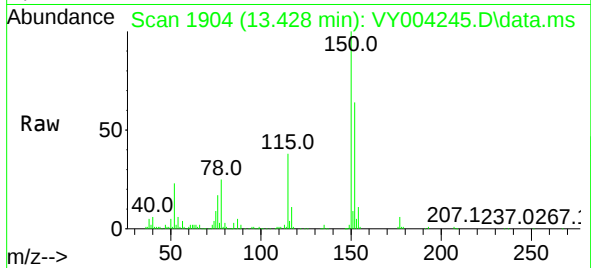




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004245.D
 Acq: 01 Apr 2021 14:53

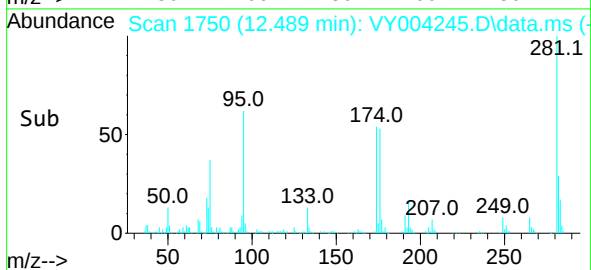
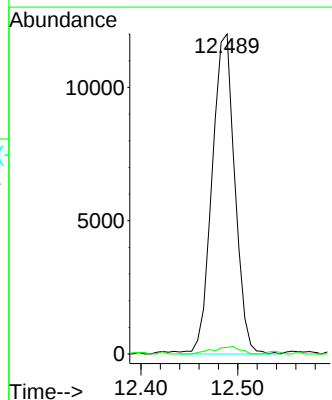
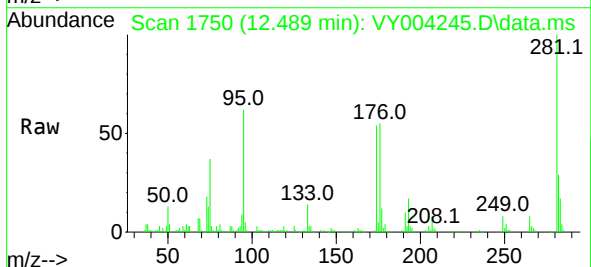
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1S-(0-4)

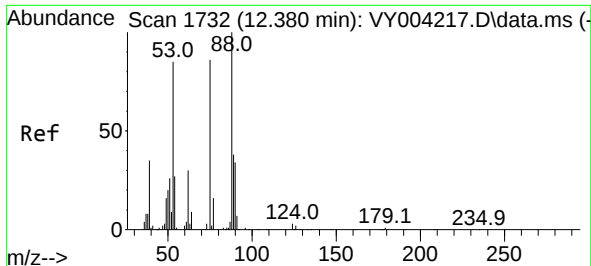
Tgt Ion:152 Resp: 33114
 Ion Ratio Lower Upper
 152 100
 115 58.8 29.0 87.1
 150 157.3 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 65.16 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.147 min
 Lab File: VY004245.D
 Acq: 01 Apr 2021 14:53

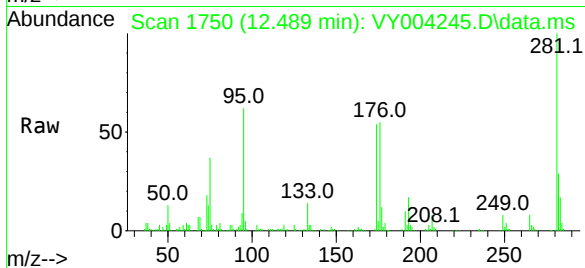
Tgt Ion: 75 Resp: 19594
 Ion Ratio Lower Upper
 75 100
 77 2.8 0.0 0.0#



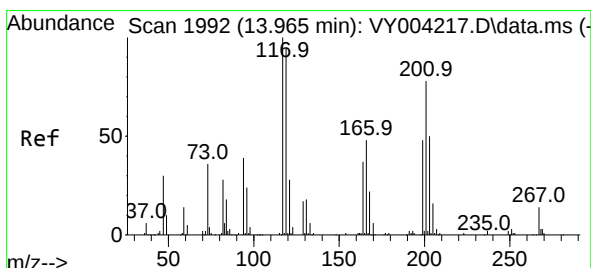
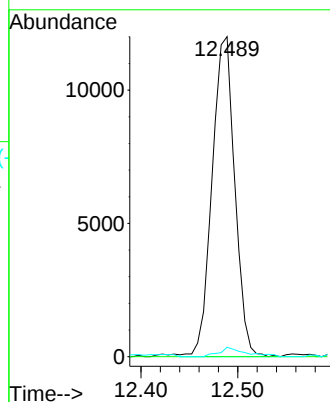
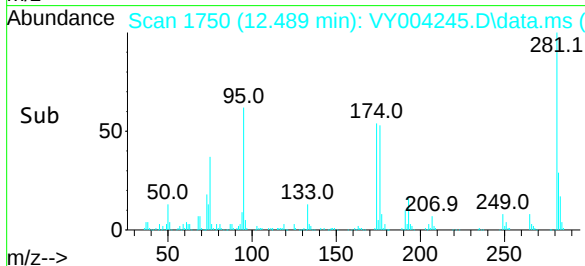


#81
trans-1,4-Dichloro-2-butene
Concen: 120.10 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.109 min
Lab File: VY004245.D
Acq: 01 Apr 2021 14:53

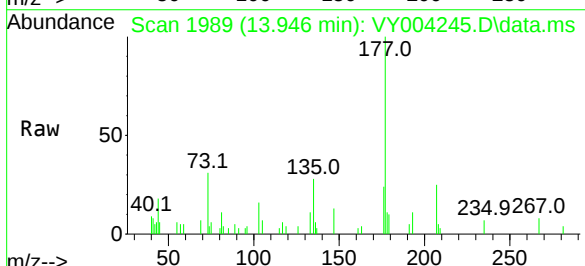
Instrument :
MSVOA_Y
ClientSampleId :
TP-1S-(0-4)



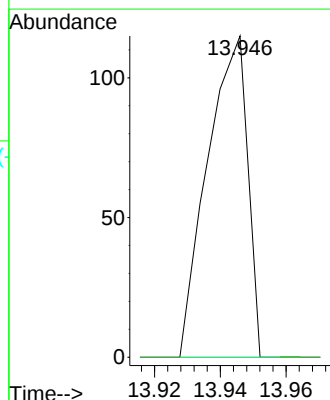
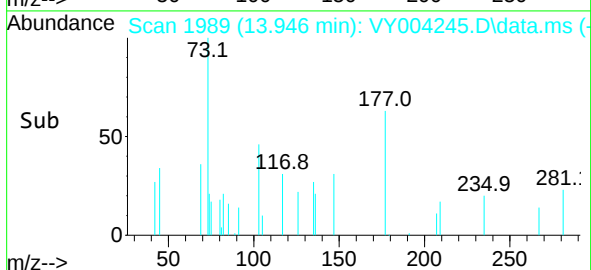
Tgt Ion: 75 Resp: 19594
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 3.4 39.4 59.2#

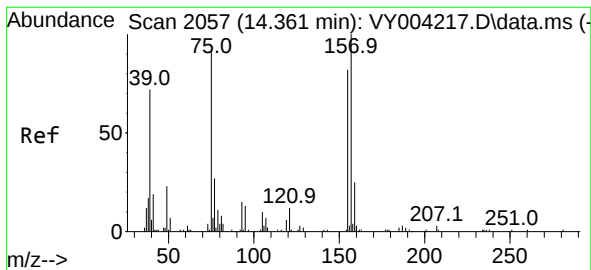


#90
Hexachloroethane
Concen: 7.71 ug/l
RT: 13.946 min Scan# 1989
Delta R.T. -0.019 min
Lab File: VY004245.D
Acq: 01 Apr 2021 14:53



Tgt Ion: 117 Resp: 97
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.17 ug/l
 RT: 14.367 min Scan# 2058
 Delta R.T. 0.006 min
 Lab File: VY004245.D
 Acq: 01 Apr 2021 14:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1S-(0-4)

Tgt Ion: 75 Resp: 98
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.3 138.8#
 157 0.0 58.3 174.9#

