

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040821\
 Data File : VY004328.D
 Acq On : 08 Apr 2021 12:09
 Operator : SY/MD
 Sample : M1855-01
 Misc : 4.99G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EMBANKMENT-FILL-COMPOSITE

Quant Time: Apr 08 13:14:28 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)

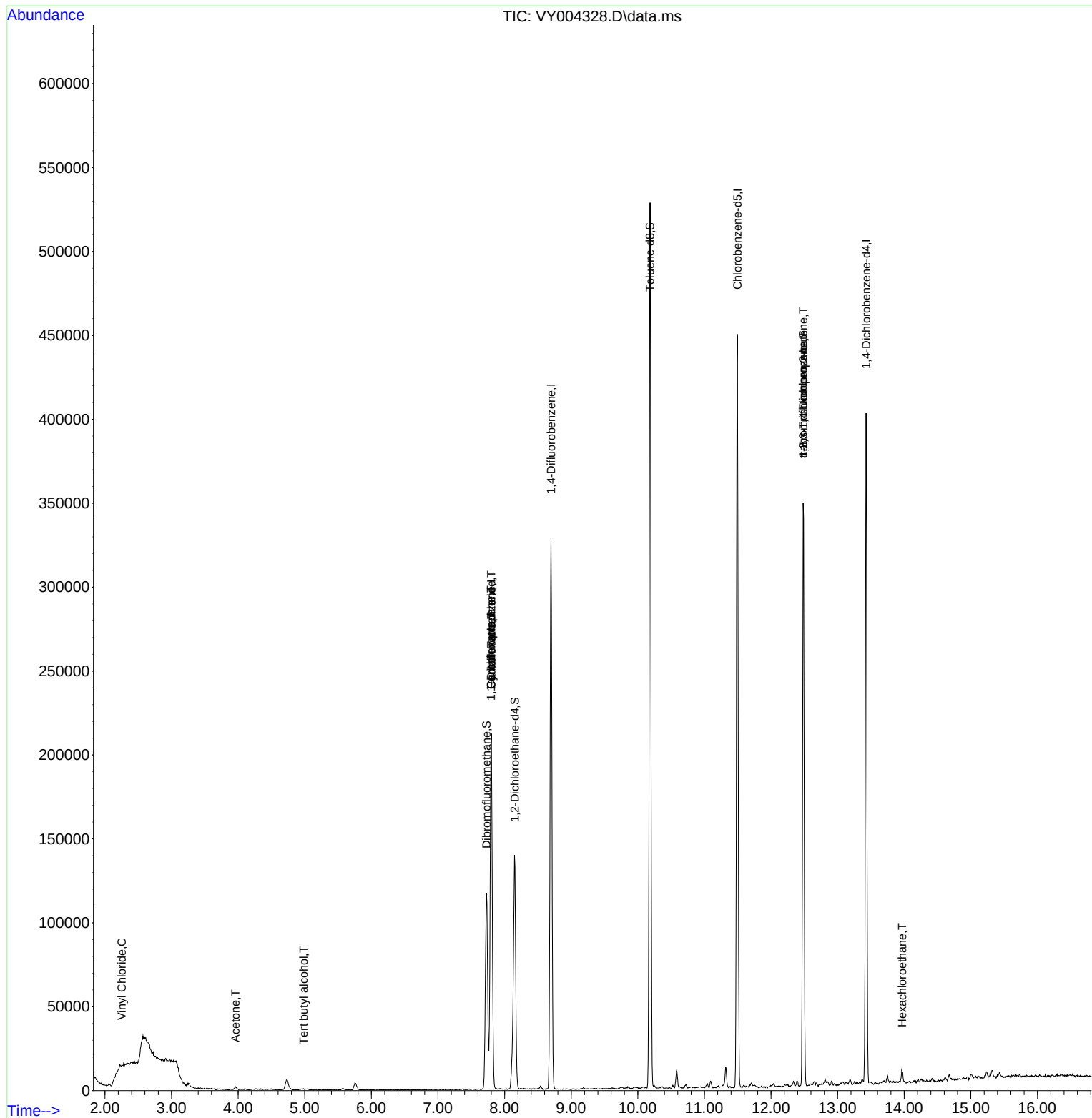
Internal Standards						
1) Pentafluorobenzene	7.801	168	162170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	270261	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	239773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97505	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	98526	63.20	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.40%	
35) Dibromofluoromethane	7.728	113	81910	54.39	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.78%	
50) Toluene-d8	10.185	98	328385	57.98	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 115.96%	
62) 4-Bromofluorobenzene	12.483	95	100415	51.73	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.46%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.253	62	9958	4.71	ug/l #	42
11) Tert butyl alcohol	4.985	59	1219	9.61	ug/l #	71
16) Acetone	3.960	43	2739	8.43	ug/l #	87
31) Cyclohexane	7.801	56	3961	1.44	ug/l #	26
36) 1,1-Dichloropropene	7.795	75	12801	5.19	ug/l #	48
38) Carbon Tetrachloride	7.801	117	16488	7.69	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	54894	62.00	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	54894	114.27	ug/l #	10
90) Hexachloroethane	13.971	117	145	7.50	ug/l #	12

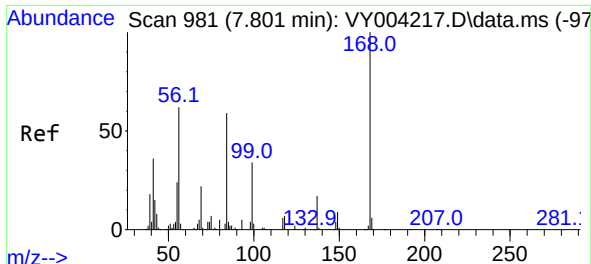
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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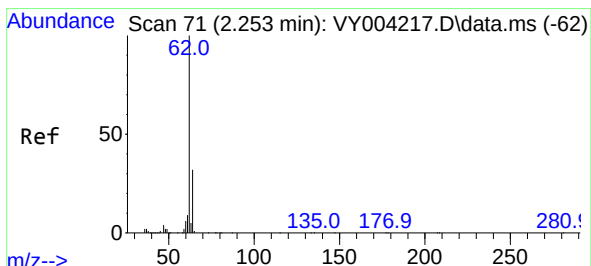
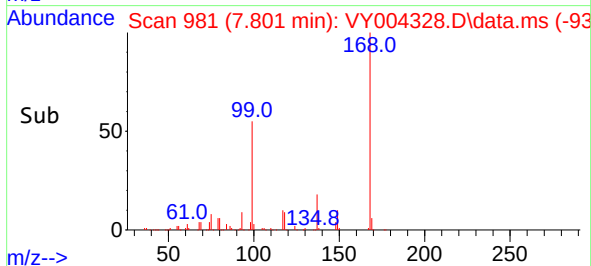
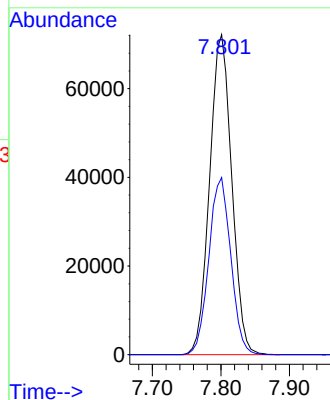
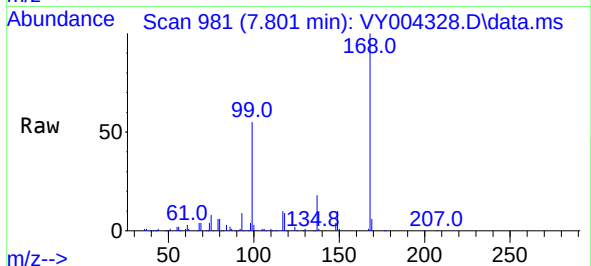




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004328.D
Acq: 08 Apr 2021 12:09

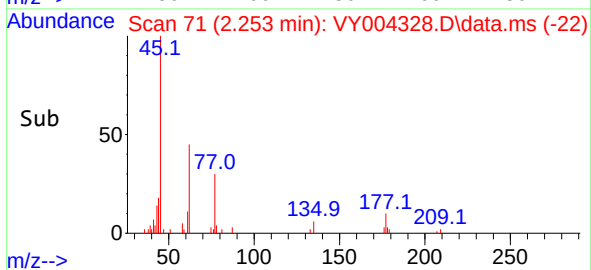
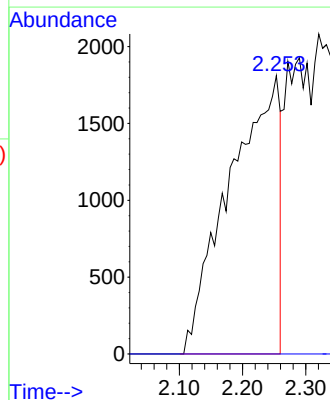
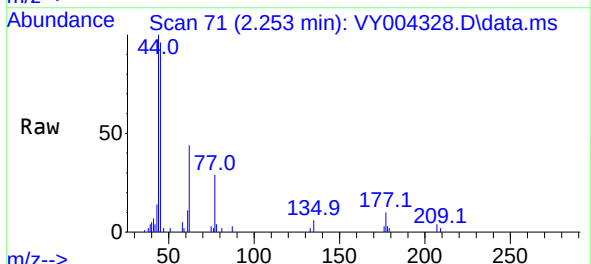
Instrument :
MSVOA_Y
ClientSampleId :
EMBANKMENT-FILL-COMPOSITE

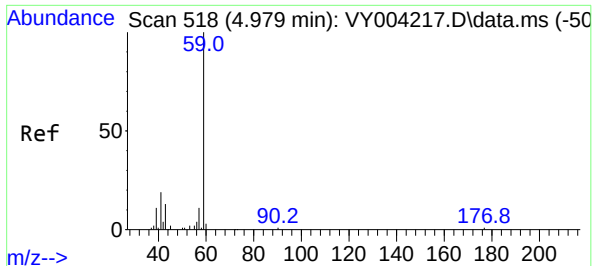
Tgt Ion:168 Resp: 162170
Ion Ratio Lower Upper
168 100
99 55.4 42.6 64.0



#4
Vinyl Chloride
Concen: 4.71 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY004328.D
Acq: 08 Apr 2021 12:09

Tgt Ion: 62 Resp: 9958
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#



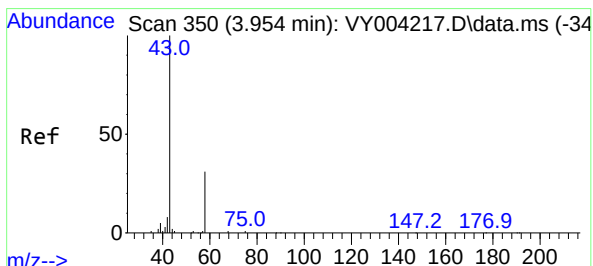
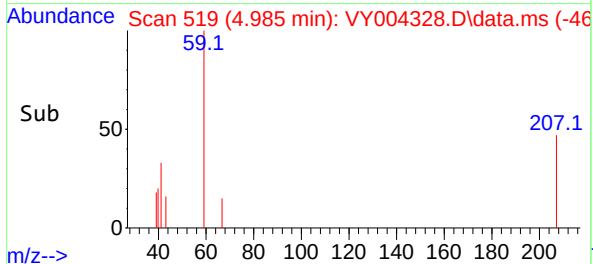
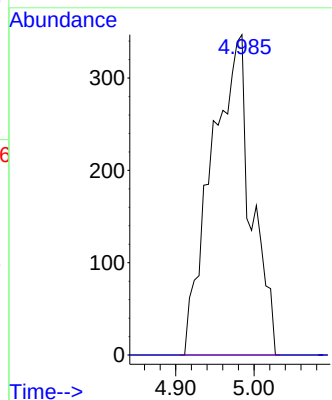
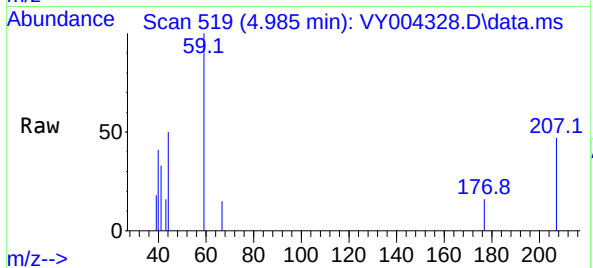


#11

Tert butyl alcohol
Concen: 9.61 ug/l
RT: 4.985 min Scan# 519
Delta R.T. 0.006 min
Lab File: VY004328.D
Acq: 08 Apr 2021 12:09

Instrument :
MSVOA_Y
ClientSampleId :
EMBANKMENT-FILL-COMPOSITE

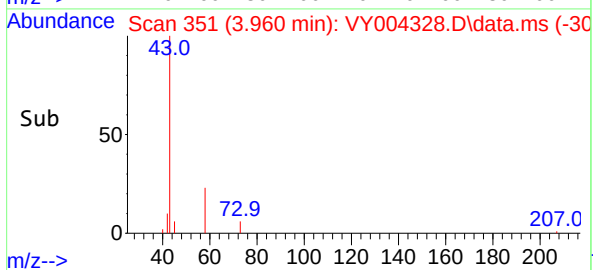
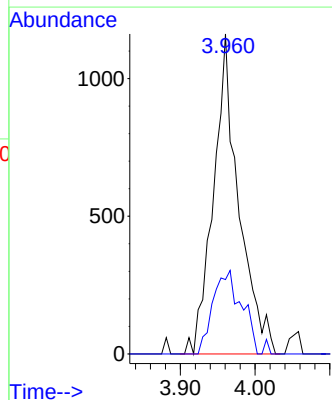
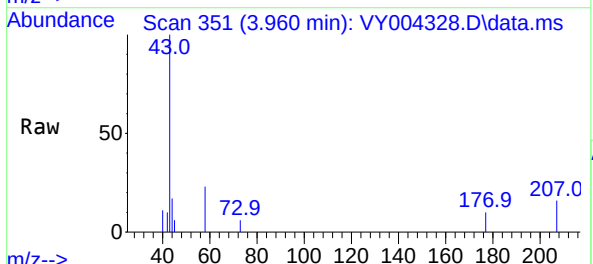
Tgt Ion: 59 Resp: 1219
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

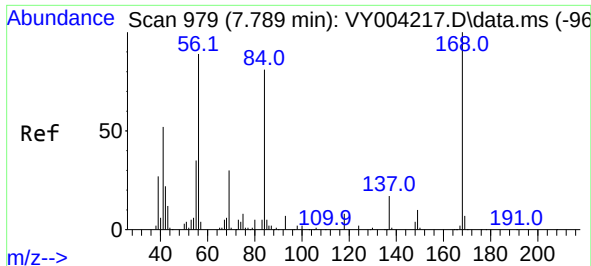


#16

Acetone
Concen: 8.43 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004328.D
Acq: 08 Apr 2021 12:09

Tgt Ion: 43 Resp: 2739
Ion Ratio Lower Upper
43 100
58 23.2 24.5 36.7#

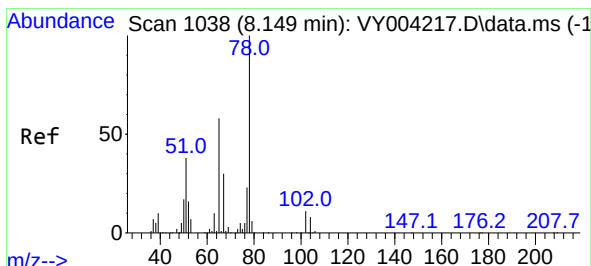
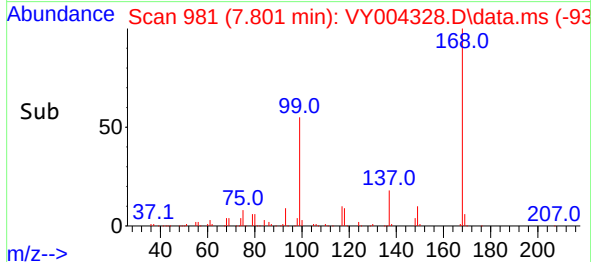
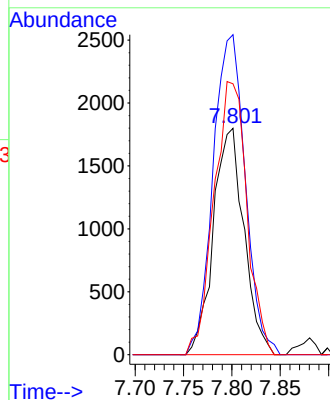
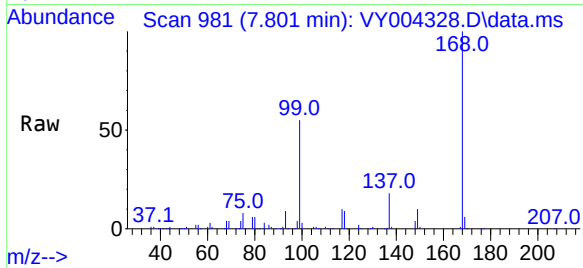




#31
Cyclohexane
Concen: 1.44 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004328.D
Acq: 08 Apr 2021 12:09

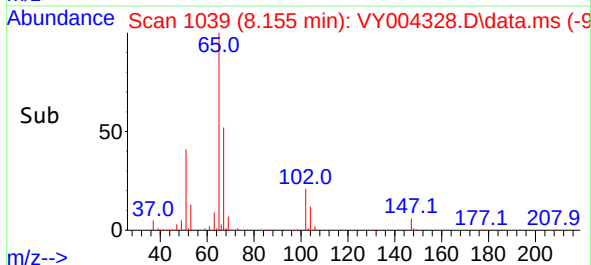
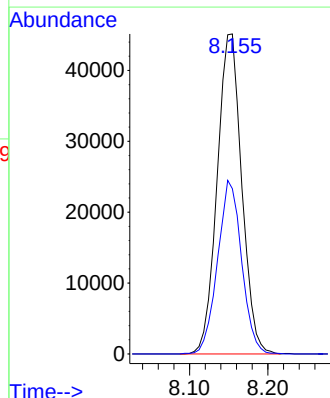
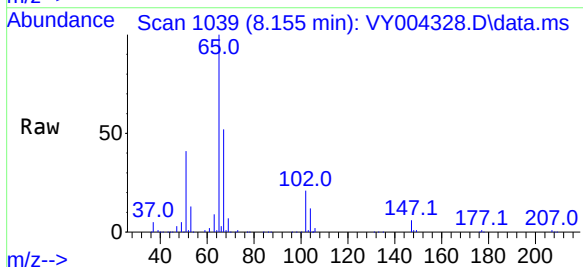
Instrument :
MSVOA_Y
ClientSampleId :
EMBANKMENT-FILL-COMPOSITE

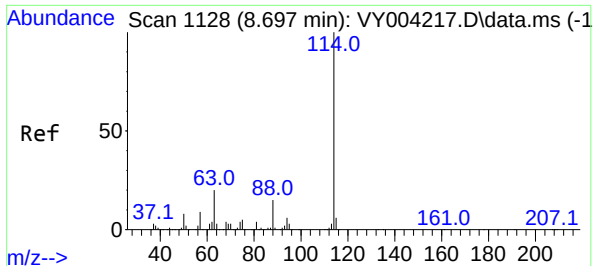
Tgt Ion: 56 Resp: 3961
Ion Ratio Lower Upper
56 100
69 141.4 26.6 40.0#
84 119.7 72.3 108.5#



#33
1,2-Dichloroethane-d4
Concen: 63.20 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004328.D
Acq: 08 Apr 2021 12:09

Tgt Ion: 65 Resp: 98526
Ion Ratio Lower Upper
65 100
67 53.0 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: VY004328.D

Acq: 08 Apr 2021 12:09

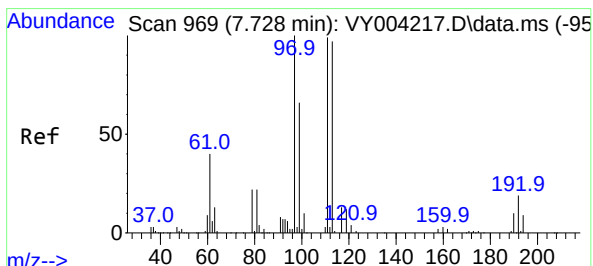
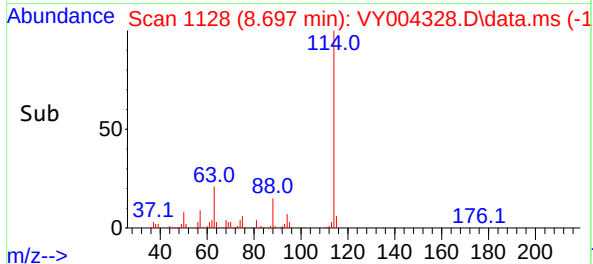
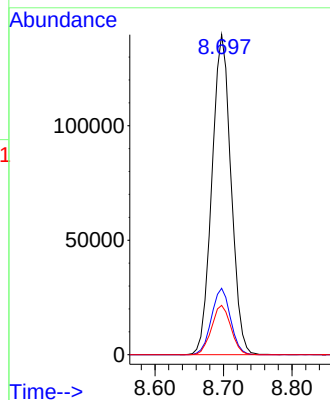
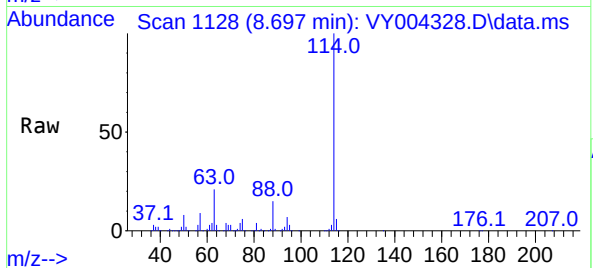
Tgt Ion:	114	Resp:	270261
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.4
88	15.4	0.0	30.8

Instrument :

MSVOA_Y

ClientSampleId :

EMBANKMENT-FILL-COMPOSITE



#35

Dibromofluoromethane

Concen: 54.39 ug/l

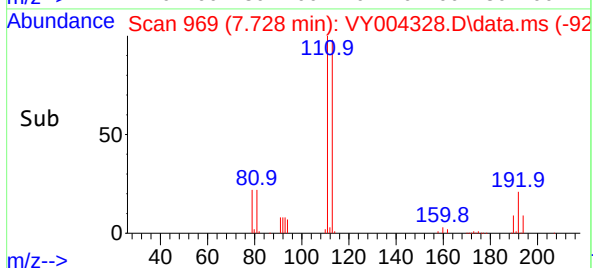
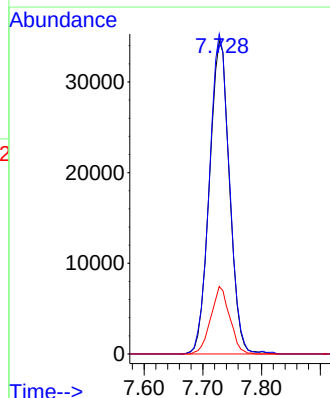
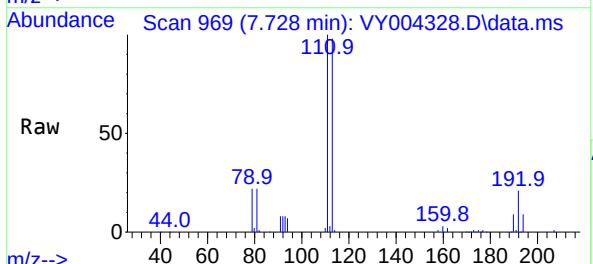
RT: 7.728 min Scan# 969

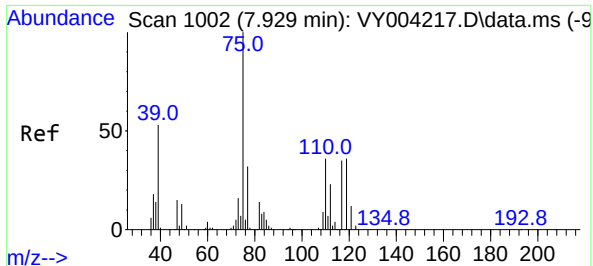
Delta R.T. -0.000 min

Lab File: VY004328.D

Acq: 08 Apr 2021 12:09

Tgt Ion:	113	Resp:	81910
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.6	124.0
192	20.3	16.4	24.6

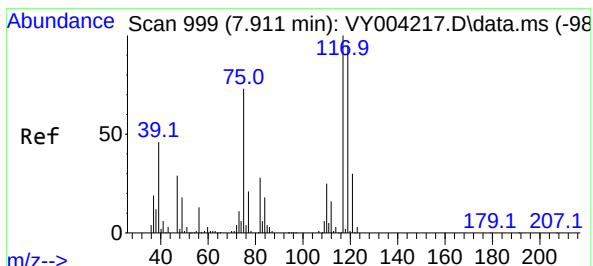
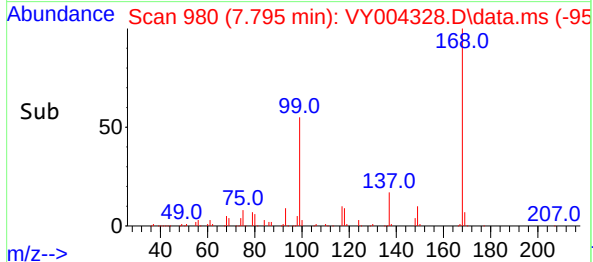
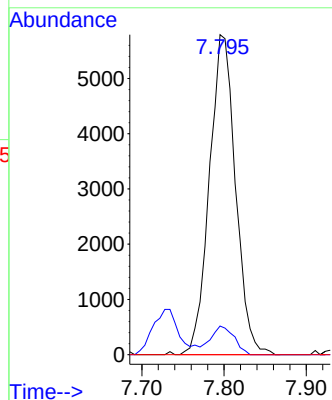
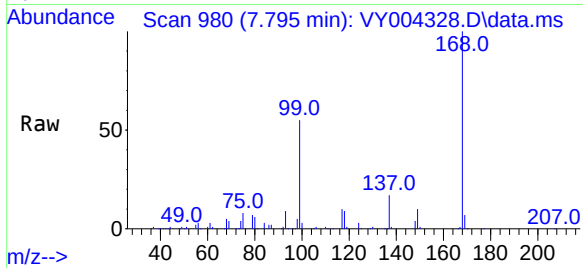




#36
1,1-Dichloropropene
Concen: 5.19 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004328.D
Acq: 08 Apr 2021 12:09

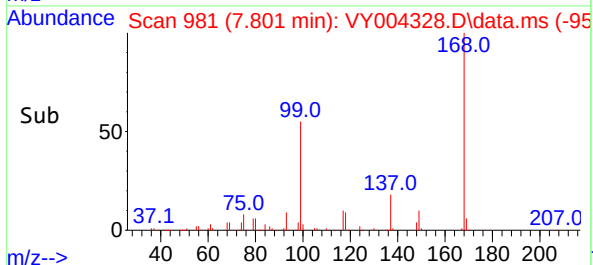
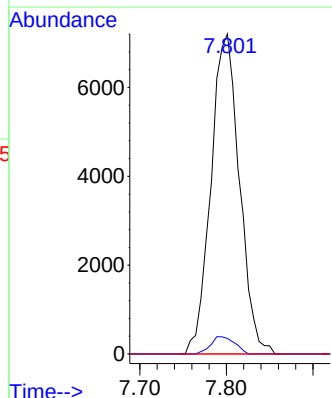
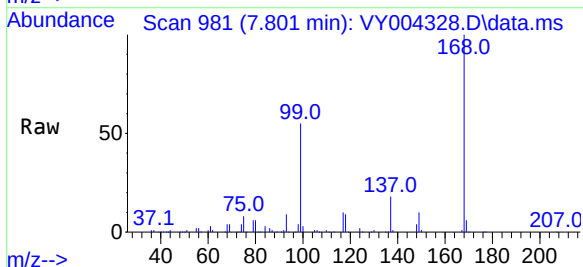
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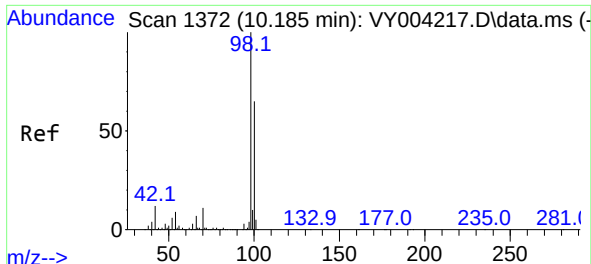
Tgt Ion:	75	Resp:	12801
Ion	Ratio	Lower	Upper
75	100		
110	8.0	18.1	54.3#
77	0.0	25.1	37.7#



#38
Carbon Tetrachloride
Concen: 7.69 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004328.D
Acq: 08 Apr 2021 12:09

Tgt Ion:	117	Resp:	16488
Ion	Ratio	Lower	Upper
117	100		
119	4.9	75.6	113.4#
121	0.0	24.3	36.5#

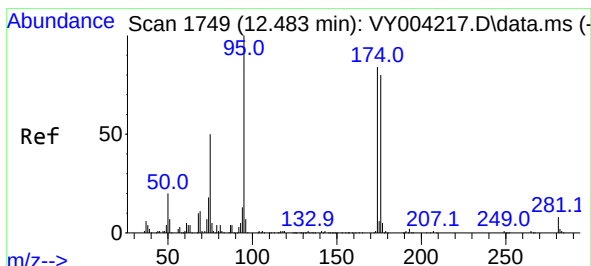
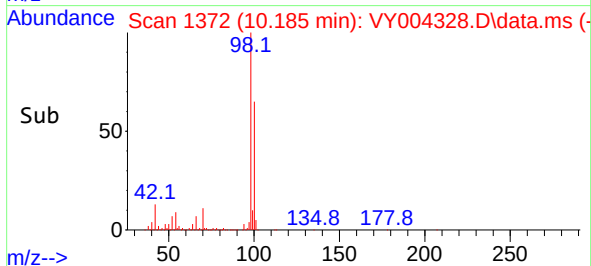
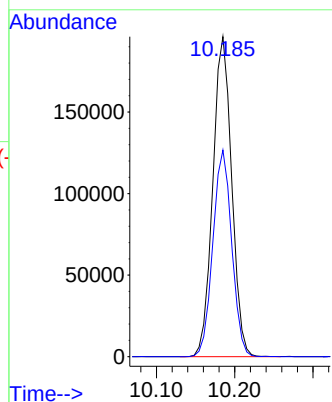
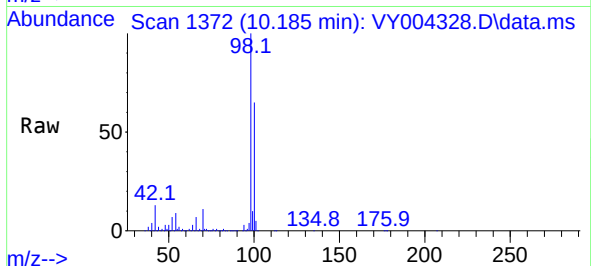




#50
Toluene-d8
Concen: 57.98 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004328.D
Acq: 08 Apr 2021 12:09

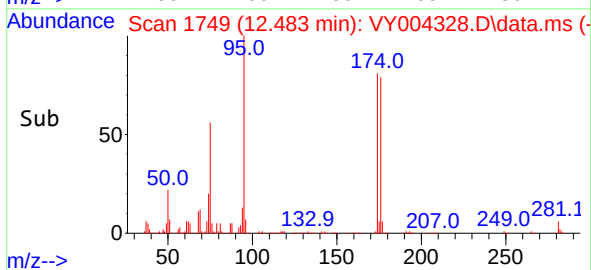
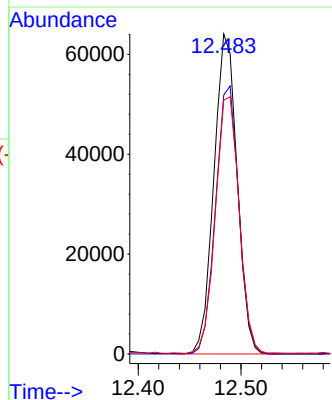
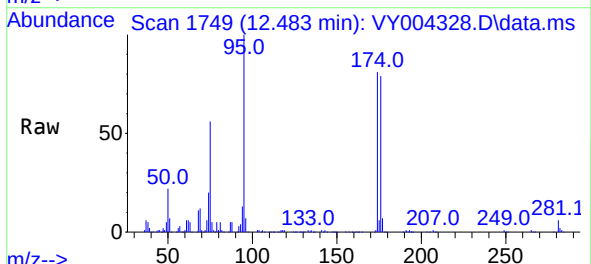
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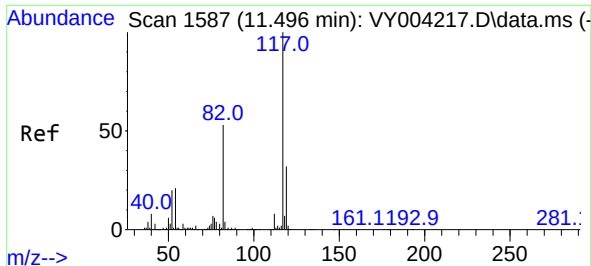
Tgt Ion: 98 Resp: 328385
Ion Ratio Lower Upper
98 100
100 64.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 51.73 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004328.D
Acq: 08 Apr 2021 12:09

Tgt Ion: 95 Resp: 100415
Ion Ratio Lower Upper
95 100
174 83.9 0.0 171.4
176 81.6 0.0 165.6

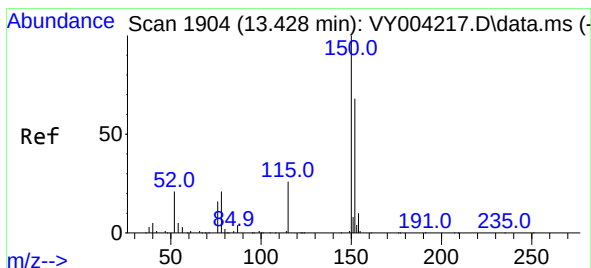
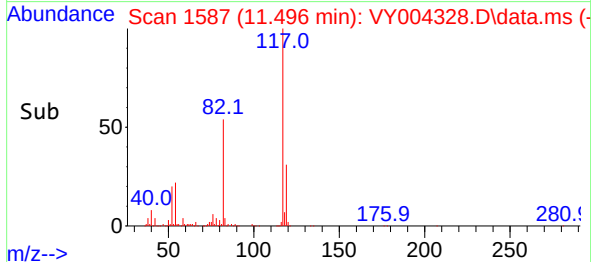
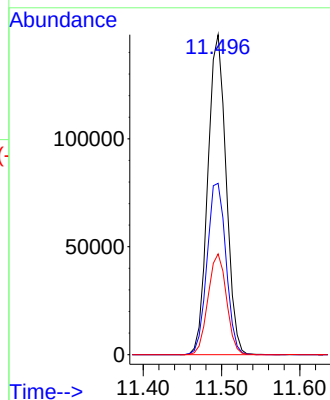
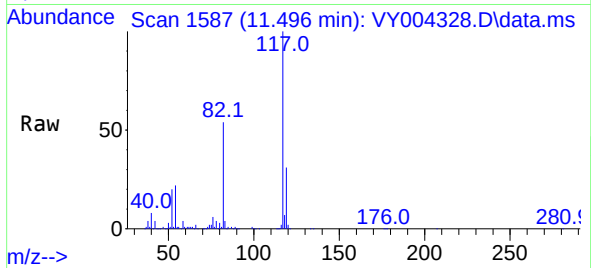




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004328.D
Acq: 08 Apr 2021 12:09

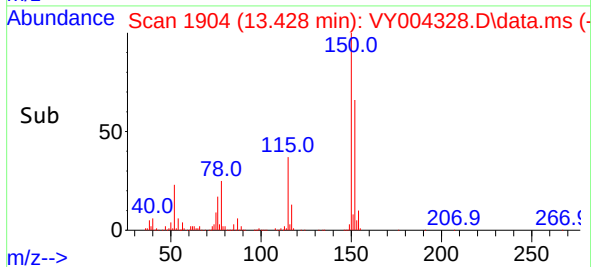
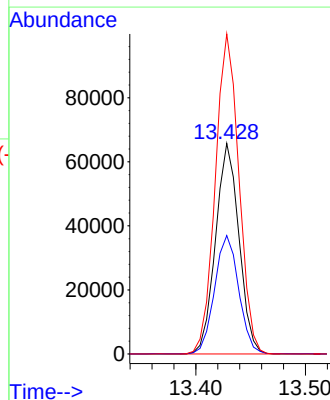
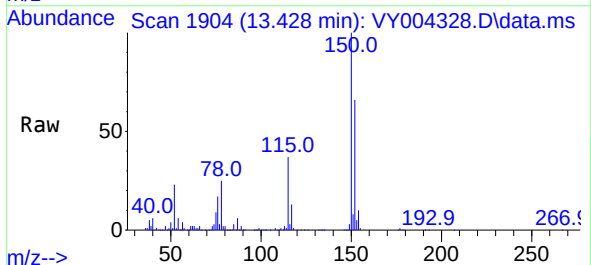
Instrument :
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EMBANKMENT-FILL-COMPOSITE

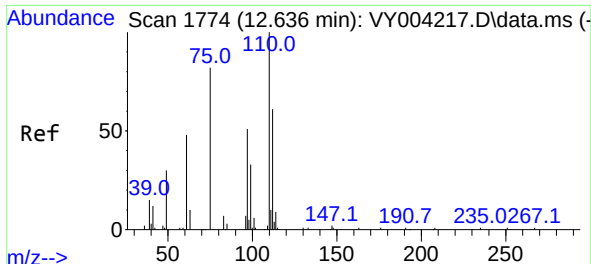
Tgt Ion:117 Resp: 239773
Ion Ratio Lower Upper
117 100
82 53.5 42.7 64.1
119 31.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004328.D
Acq: 08 Apr 2021 12:09

Tgt Ion:152 Resp: 97505
Ion Ratio Lower Upper
152 100
115 58.1 29.0 87.1
150 153.3 0.0 347.4

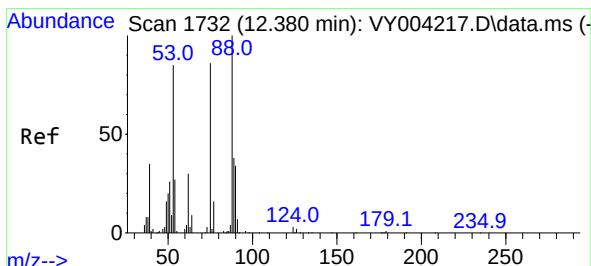
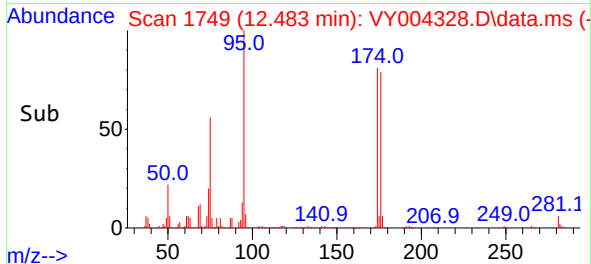
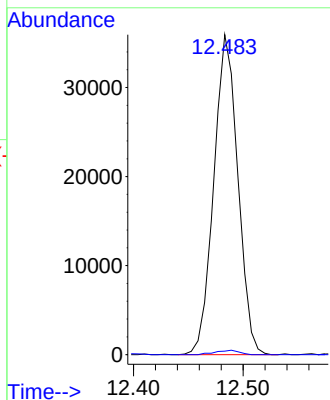
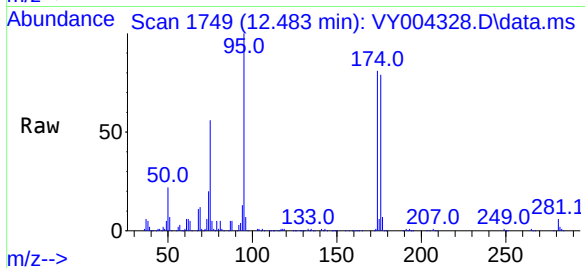




#76
1,2,3-Trichloropropane
Concen: 62.00 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004328.D
Acq: 08 Apr 2021 12:09

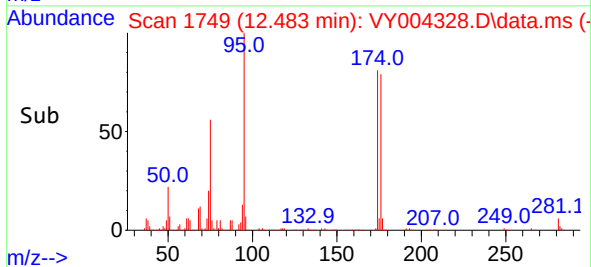
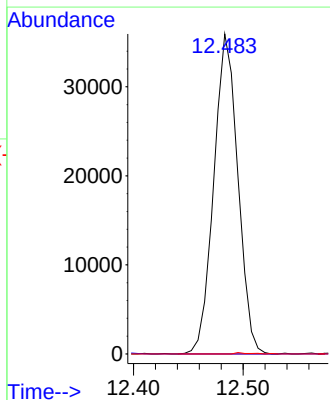
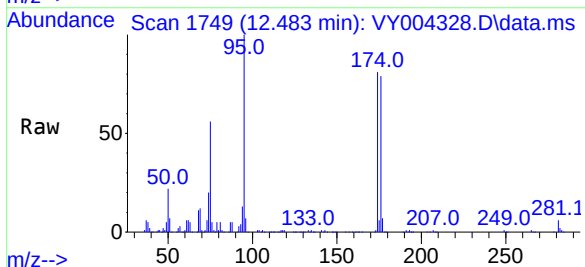
Instrument :
MSVOA_Y
ClientSampleId :
EMBANKMENT-FILL-COMPOSITE

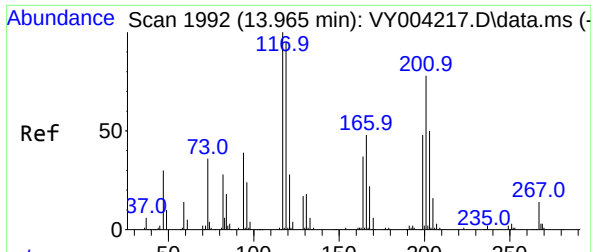
Tgt Ion: 75 Resp: 54894
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.27 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004328.D
Acq: 08 Apr 2021 12:09

Tgt Ion: 75 Resp: 54894
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 0.3 39.4 59.2#





#90
 Hexachloroethane
 Concen: 7.50 ug/l
 RT: 13.971 min Scan# 1993
 Delta R.T. 0.006 min
 Lab File: VY004328.D
 Acq: 08 Apr 2021 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 EMBANKMENT-FILL-COMPOSITE

Tgt Ion:117 Resp: 145
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.6 112.9#

