

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040221\
 Data File : VY004264.D
 Acq On : 02 Apr 2021 15:48
 Operator : SY/MD
 Sample : M1911-05
 Misc : 5.09g/5mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6D1-(4-7.5)

Quant Time: Apr 02 23:01:21 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)

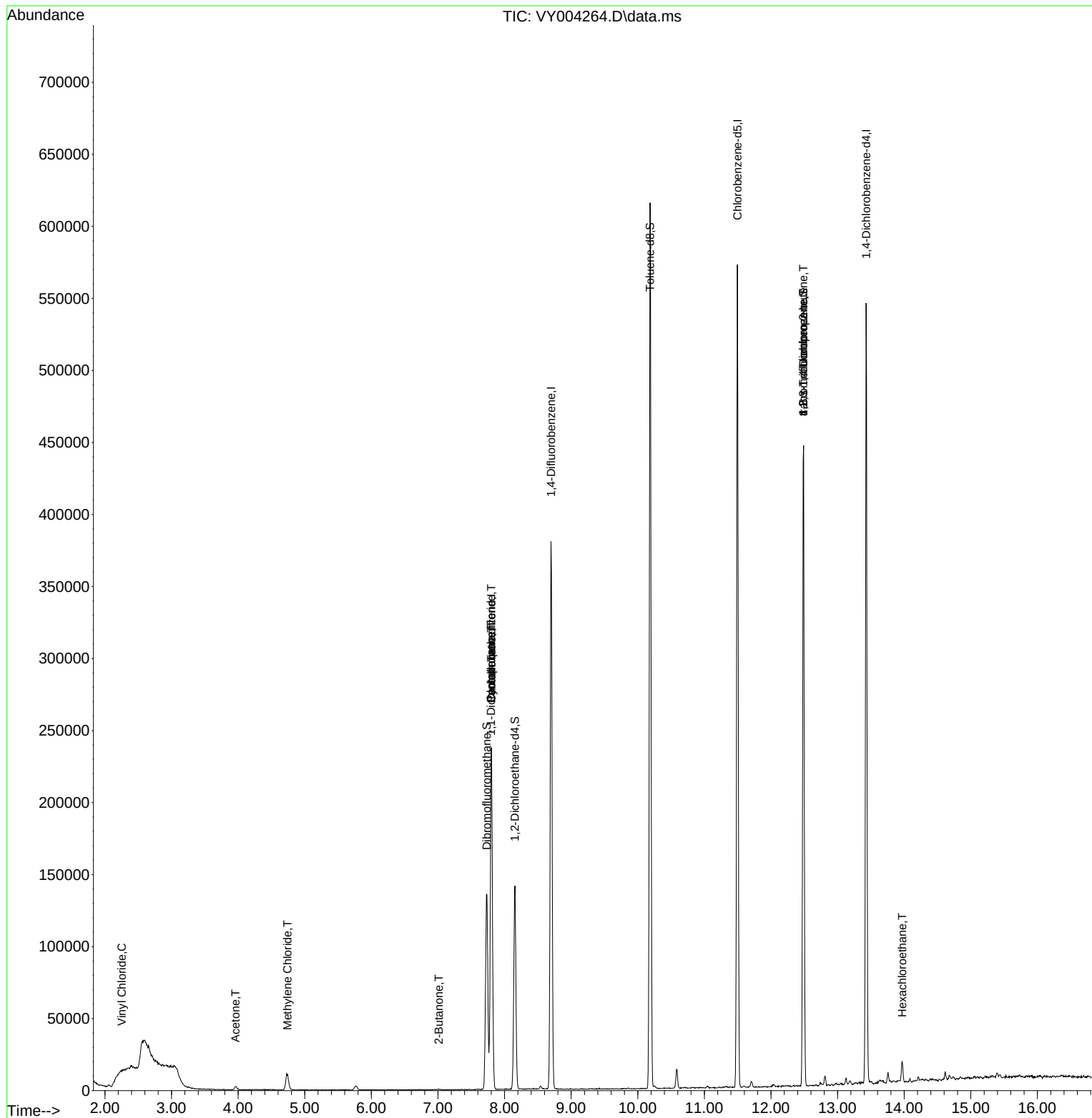
Internal Standards						
1) Pentafluorobenzene	7.801	168	181753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	313651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	292293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130629	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	108068	61.85	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.70%			
35) Dibromofluoromethane	7.734	113	97901	56.02	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.04%			
50) Toluene-d8	10.185	98	386885	58.86	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 117.72%			
62) 4-Bromofluorobenzene	12.483	95	128148	56.88	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.76%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.253	62	9395	3.97	ug/l #	42
13) Acrolein	3.759	56	73	Below Cal	#	15
16) Acetone	3.961	43	4051	11.13	ug/l	99
20) Methylene Chloride	4.741	84	7747	1.92	ug/l	92
25) 2-Butanone	7.015	43	939	1.54	ug/l #	85
31) Cyclohexane	7.801	56	4086	1.32	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	14278	4.99	ug/l #	49
38) Carbon Tetrachloride	7.801	117	18162	7.29	ug/l #	17
49) 1,4-Dioxane	9.307	88	121	Below Cal	#	37
76) 1,2,3-Trichloropropane	12.483	75	69508	58.60	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	69508	108.00	ug/l #	10
90) Hexachloroethane	13.971	117	90	7.38	ug/l #	12

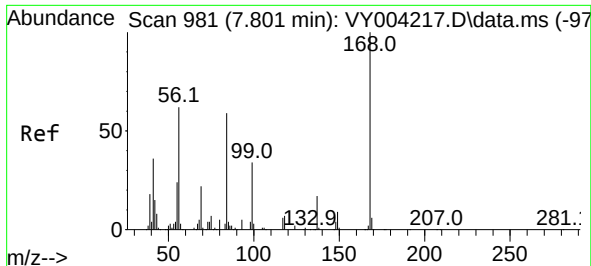
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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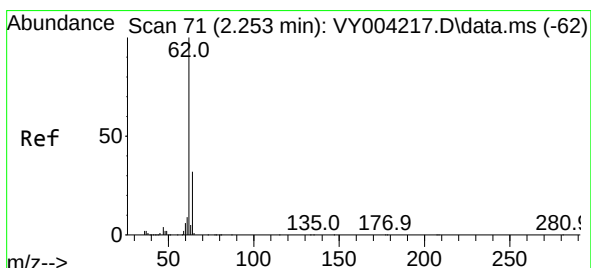
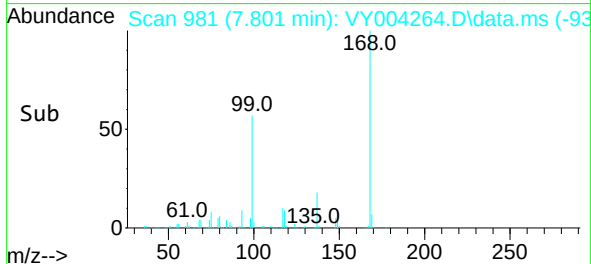
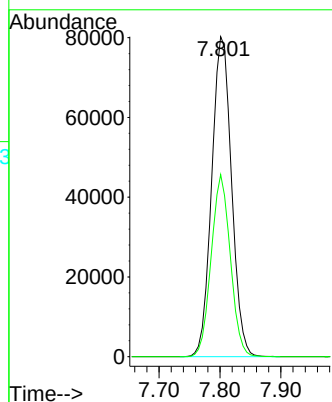
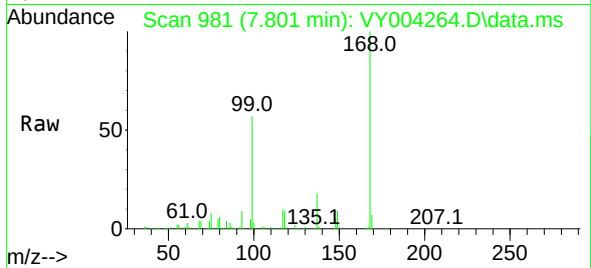




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004264.D
Acq: 02 Apr 2021 15:48

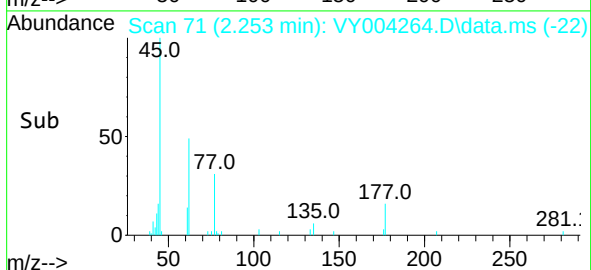
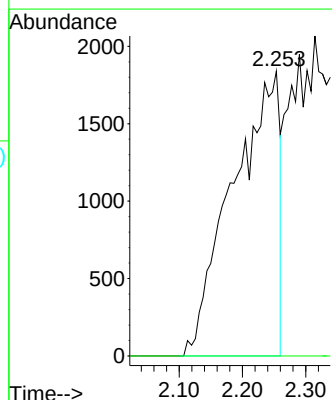
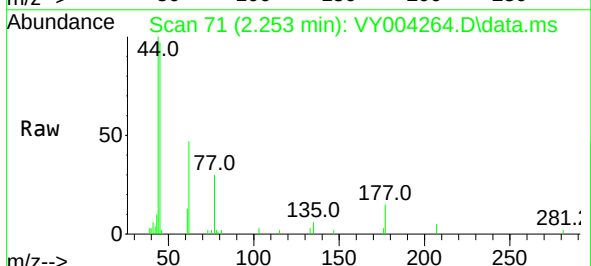
Instrument :
MSVOA_Y
ClientSampleId :
TP-6D1-(4-7.5)

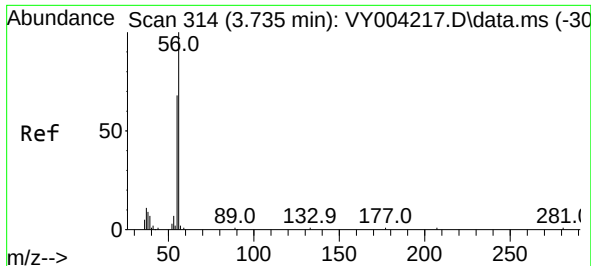
Tgt Ion:168 Resp: 181753
Ion Ratio Lower Upper
168 100
99 56.9 42.6 64.0



#4
Vinyl Chloride
Concen: 3.97 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY004264.D
Acq: 02 Apr 2021 15:48

Tgt Ion: 62 Resp: 9395
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#

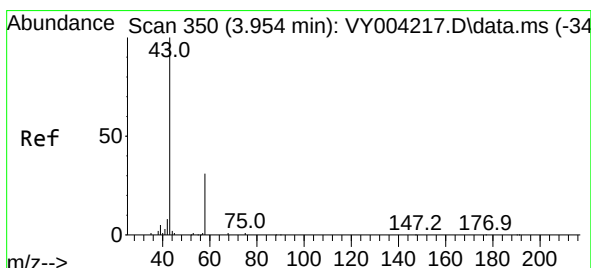
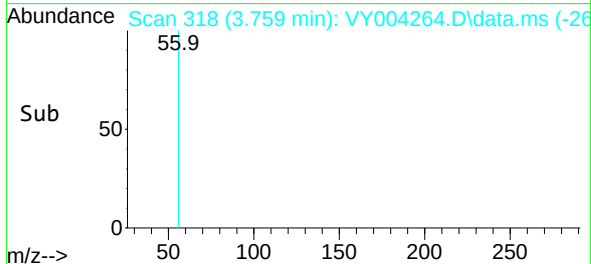
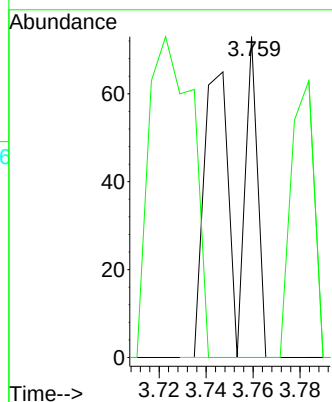
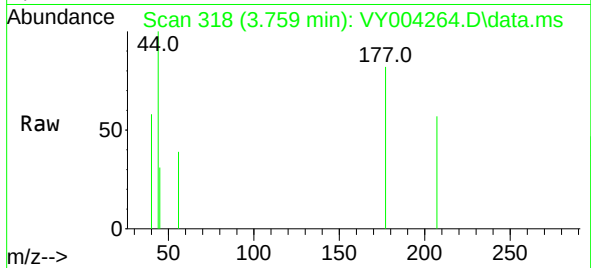




#13
Acrolein
Concen: Below Cal
RT: 3.759 min Scan# 318
Delta R.T. 0.024 min
Lab File: VY004264.D
Acq: 02 Apr 2021 15:48

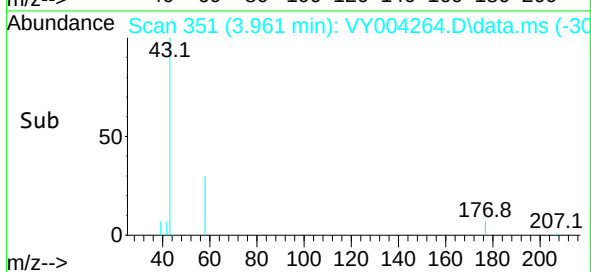
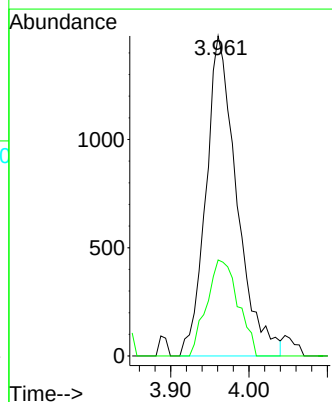
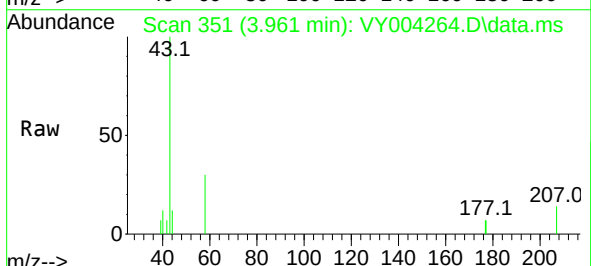
Instrument :
MSVOA_Y
ClientSampleId :
TP-6D1-(4-7.5)

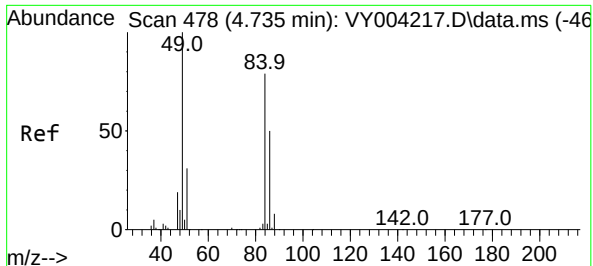
Tgt Ion: 56 Resp: 73
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.4#



#16
Acetone
Concen: 11.13 ug/l
RT: 3.961 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004264.D
Acq: 02 Apr 2021 15:48

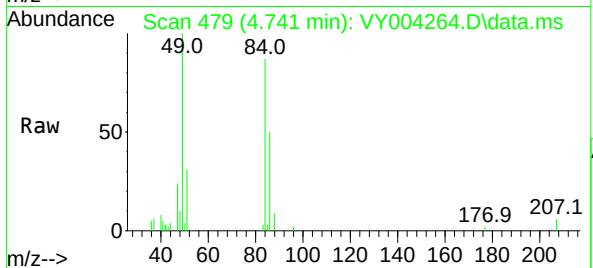
Tgt Ion: 43 Resp: 4051
Ion Ratio Lower Upper
43 100
58 30.0 24.5 36.7



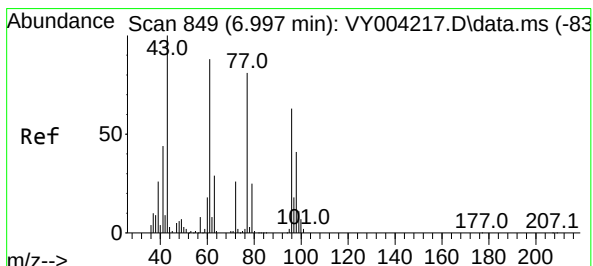
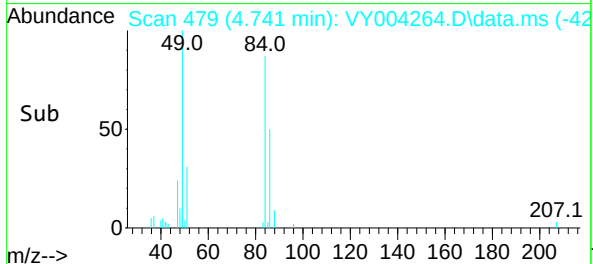
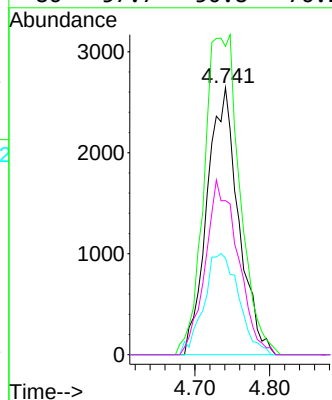


#20
Methylene Chloride
Concen: 1.92 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY004264.D
Acq: 02 Apr 2021 15:48

Instrument :
MSVOA_Y
ClientSampleId :
TP-6D1-(4-7.5)

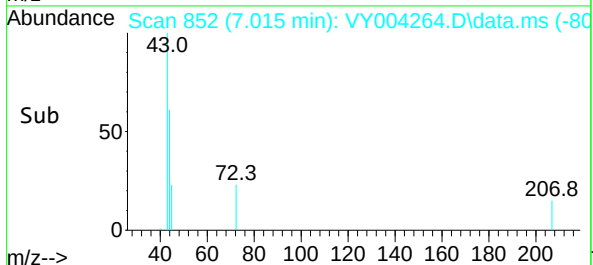
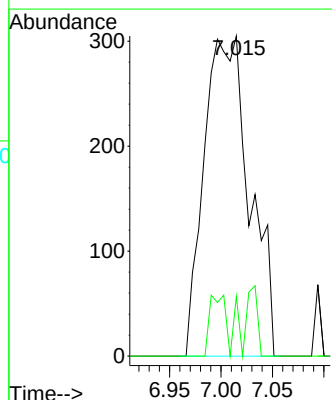
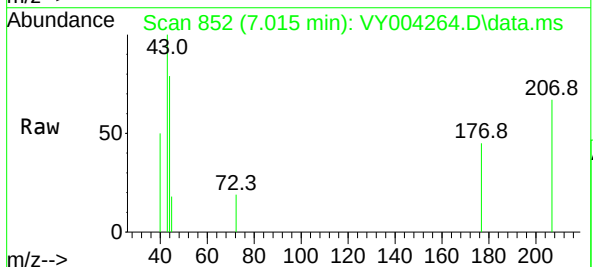


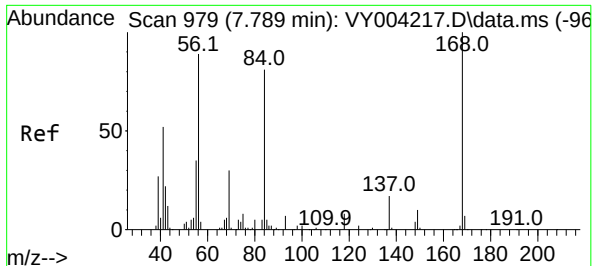
Tgt Ion:	84	Resp:	7747
Ion	Ratio	Lower	Upper
84	100		
49	115.5	101.5	152.3
51	36.2	31.5	47.3
86	57.7	50.8	76.2



#25
2-Butanone
Concen: 1.54 ug/l
RT: 7.015 min Scan# 852
Delta R.T. 0.018 min
Lab File: VY004264.D
Acq: 02 Apr 2021 15:48

Tgt Ion:	43	Resp:	939
Ion	Ratio	Lower	Upper
43	100		
72	18.7	21.0	31.6#

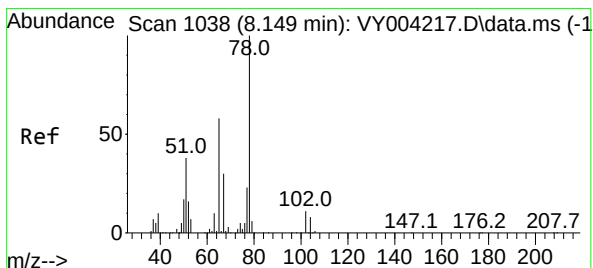
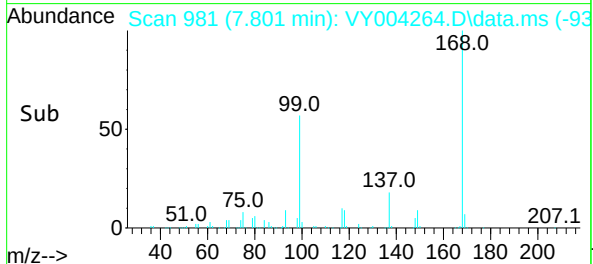
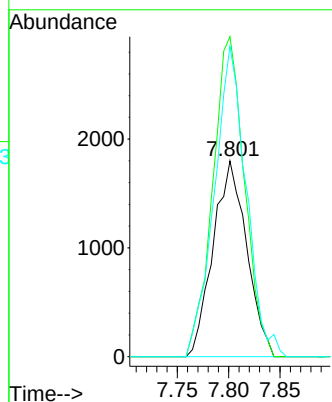
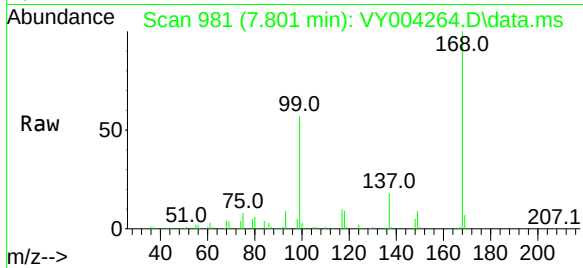




#31
Cyclohexane
Concen: 1.32 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004264.D
Acq: 02 Apr 2021 15:48

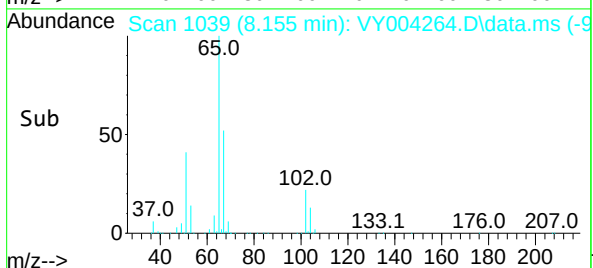
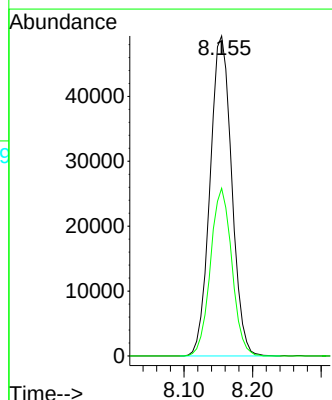
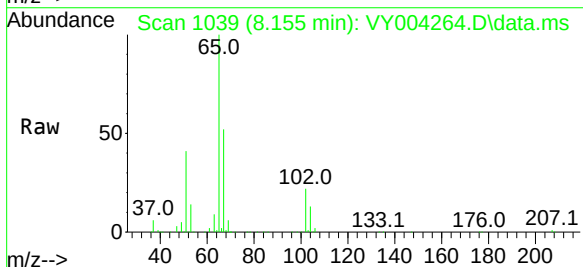
Instrument :
MSVOA_Y
ClientSampleId :
TP-6D1-(4-7.5)

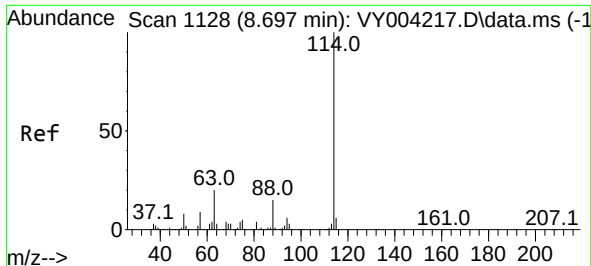
Tgt Ion: 56 Resp: 4086
Ion Ratio Lower Upper
56 100
69 163.5 26.6 40.0#
84 158.6 72.3 108.5#



#33
1,2-Dichloroethane-d4
Concen: 61.85 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004264.D
Acq: 02 Apr 2021 15:48

Tgt Ion: 65 Resp: 108068
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.2

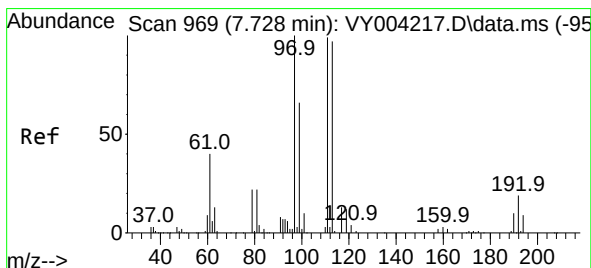
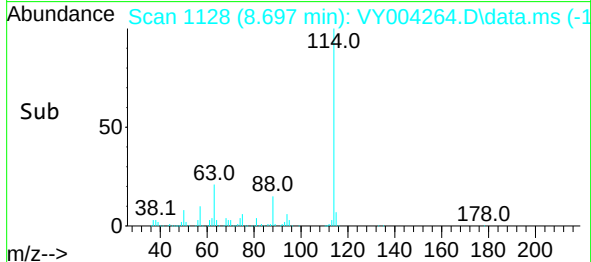
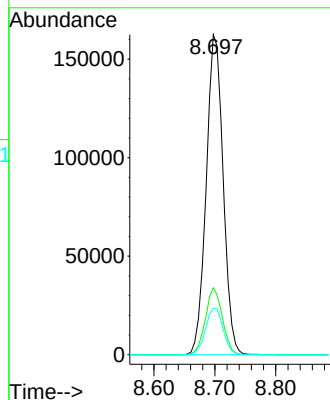
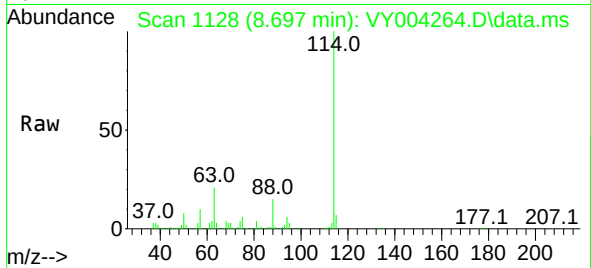




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004264.D
Acq: 02 Apr 2021 15:48

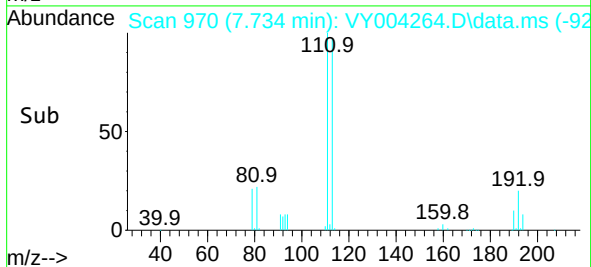
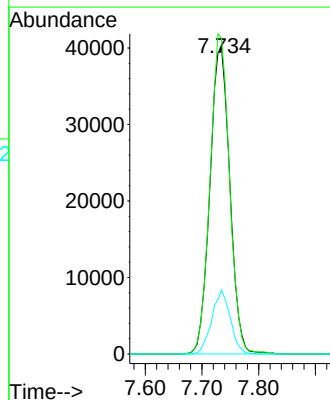
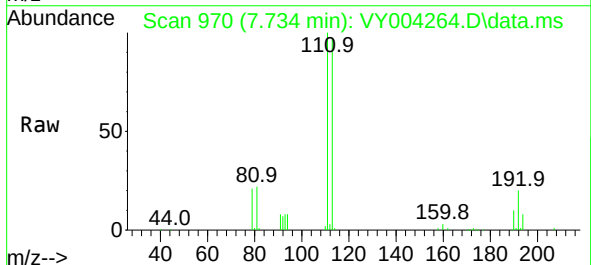
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MSVOA_Y
ClientSampleId :
TP-6D1-(4-7.5)

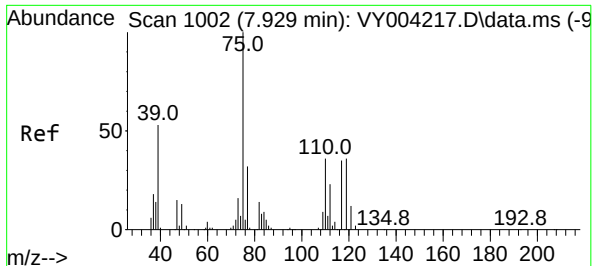
Tgt Ion:114 Resp: 313651
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.4
88 14.5 0.0 30.8



#35
Dibromofluoromethane
Concen: 56.02 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004264.D
Acq: 02 Apr 2021 15:48

Tgt Ion:113 Resp: 97901
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 19.3 16.4 24.6

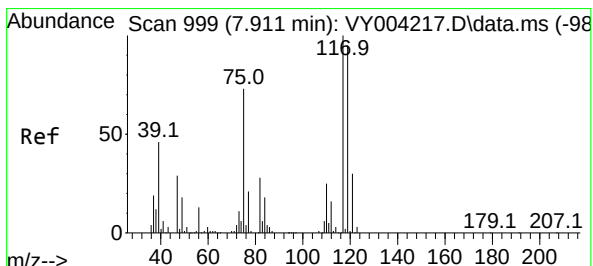
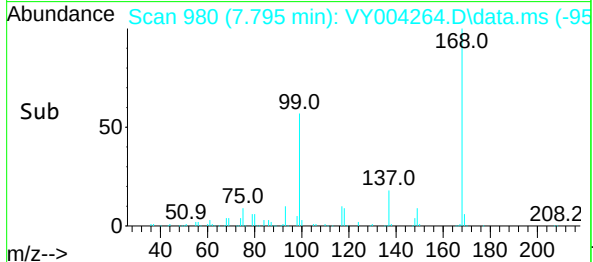
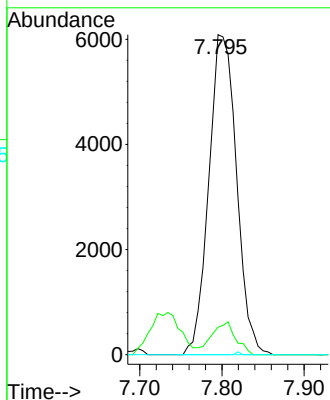
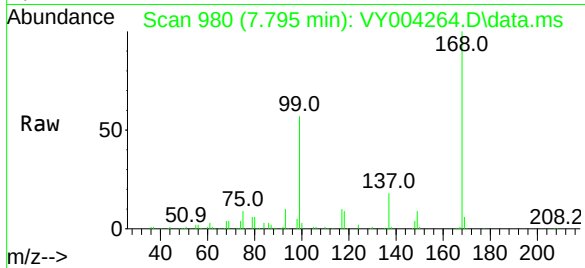




#36
 1,1-Dichloropropene
 Concen: 4.99 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.134 min
 Lab File: VY004264.D
 Acq: 02 Apr 2021 15:48

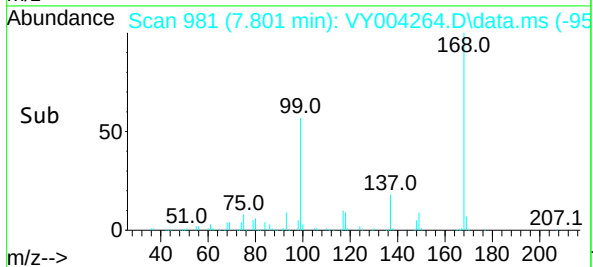
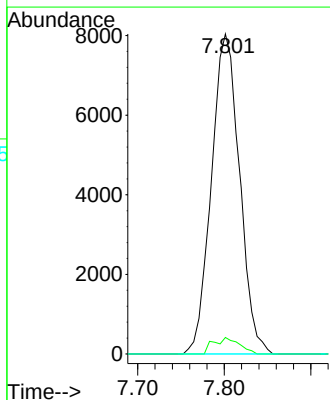
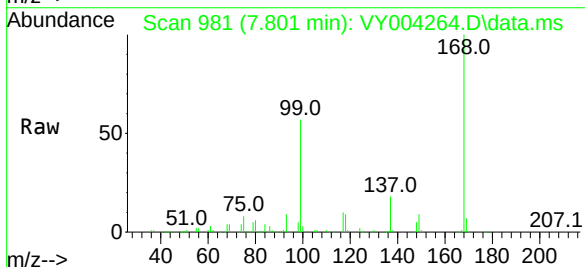
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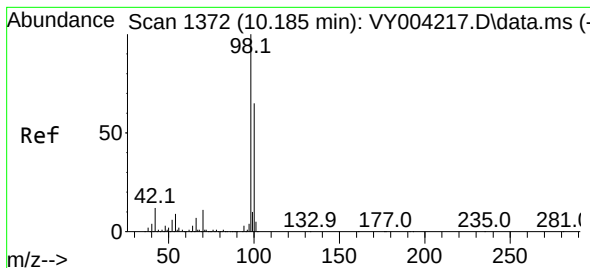
Tgt Ion:	75	Resp:	14278
Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.3#
77	0.0	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 7.29 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.110 min
 Lab File: VY004264.D
 Acq: 02 Apr 2021 15:48

Tgt Ion:	117	Resp:	18162
Ion	Ratio	Lower	Upper
117	100		
119	5.1	75.6	113.4#
121	0.0	24.3	36.5#

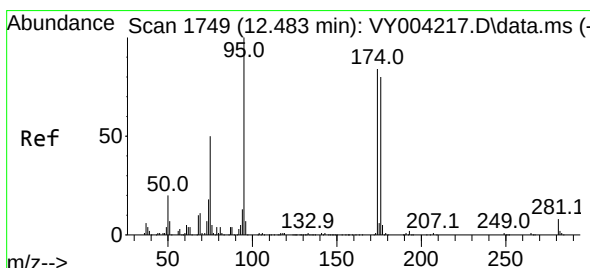
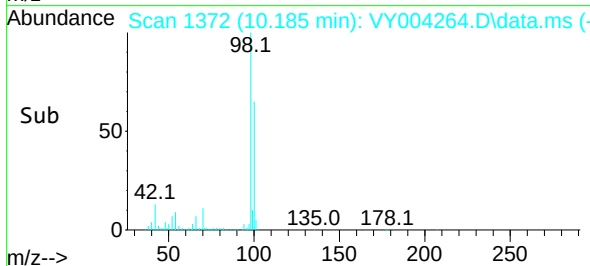
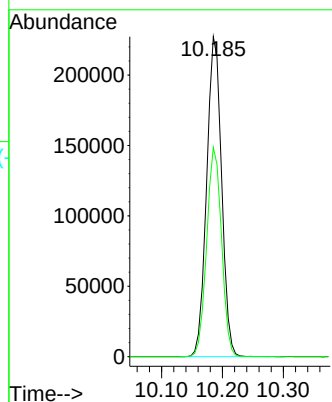
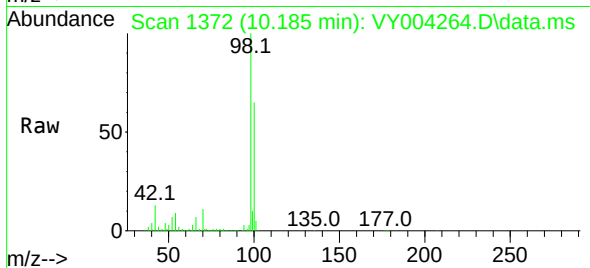




#50
Toluene-d8
Concen: 58.86 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004264.D
Acq: 02 Apr 2021 15:48

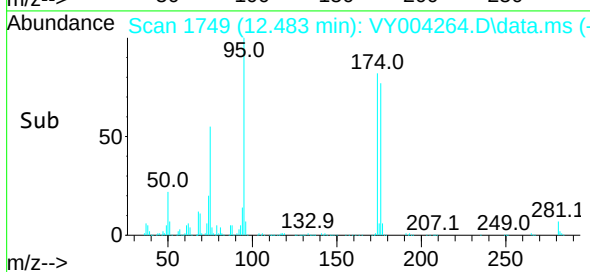
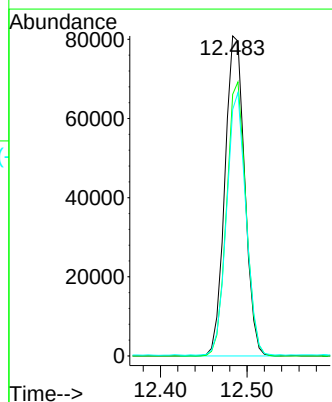
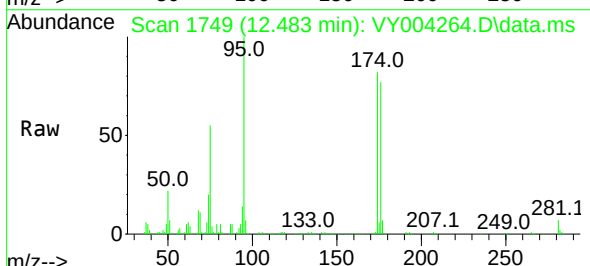
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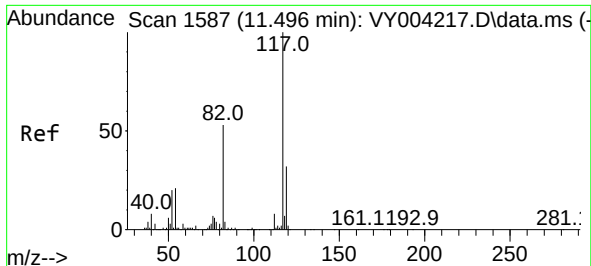
Tgt Ion: 98 Resp: 386885
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 56.88 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004264.D
Acq: 02 Apr 2021 15:48

Tgt Ion: 95 Resp: 128148
Ion Ratio Lower Upper
95 100
174 83.8 0.0 171.4
176 80.4 0.0 165.6

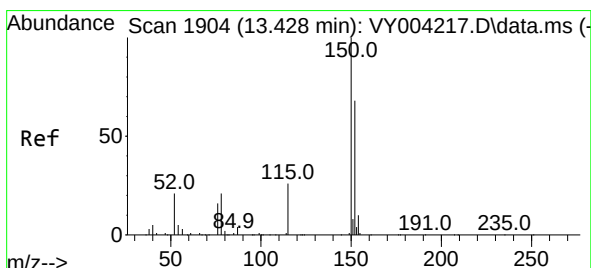
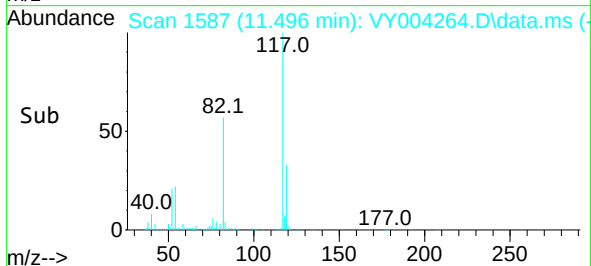
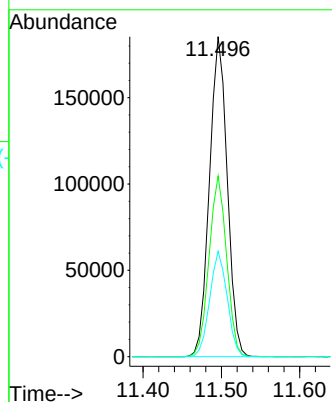
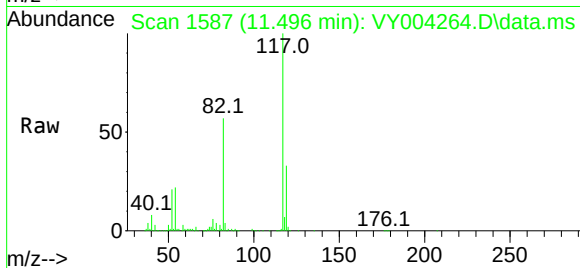




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004264.D
Acq: 02 Apr 2021 15:48

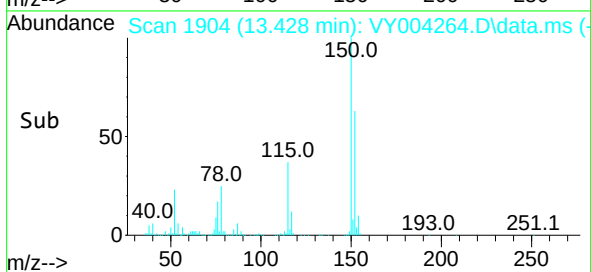
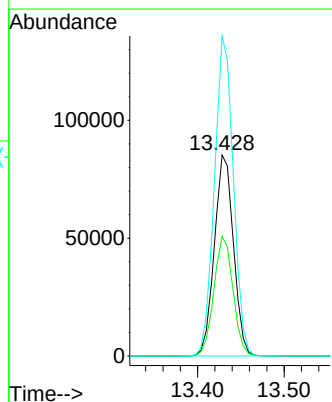
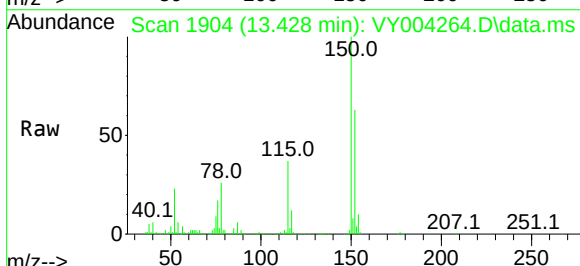
Instrument :
MSVOA_Y
ClientSampleId :
TP-6D1-(4-7.5)

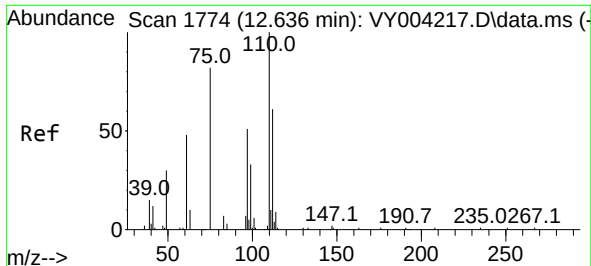
Tgt Ion:	117	Resp:	292293
Ion	Ratio	Lower	Upper
117	100		
82	56.5	42.7	64.1
119	33.0	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004264.D
Acq: 02 Apr 2021 15:48

Tgt Ion:	152	Resp:	130629
Ion	Ratio	Lower	Upper
152	100		
115	59.3	29.0	87.1
150	157.7	0.0	347.4

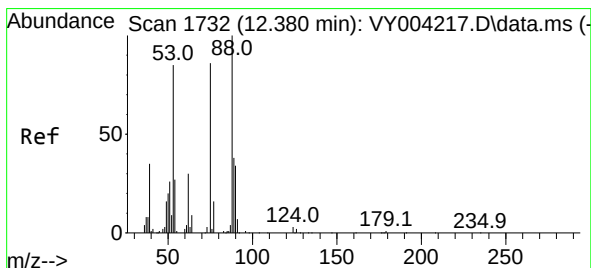
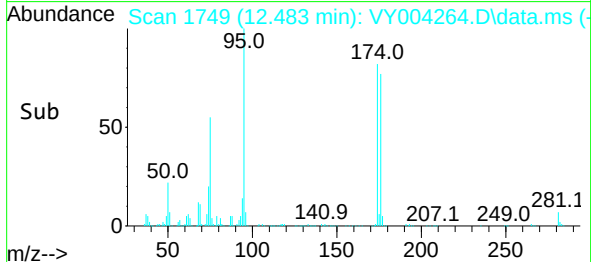
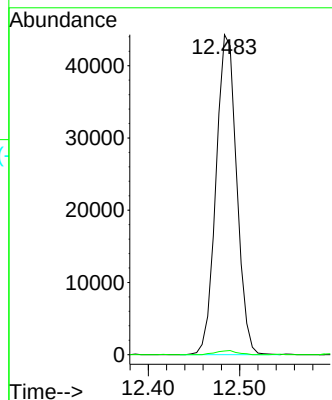
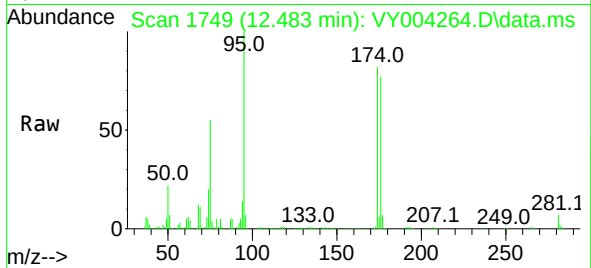




#76
1,2,3-Trichloropropane
Concen: 58.60 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004264.D
Acq: 02 Apr 2021 15:48

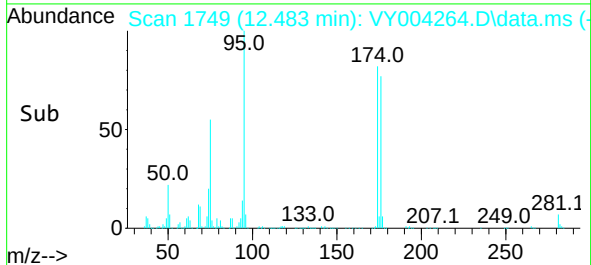
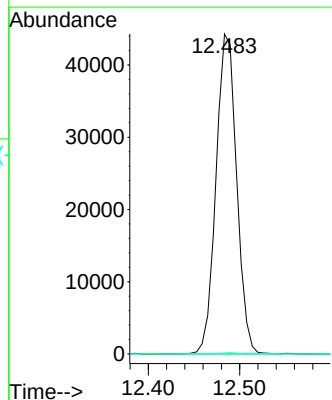
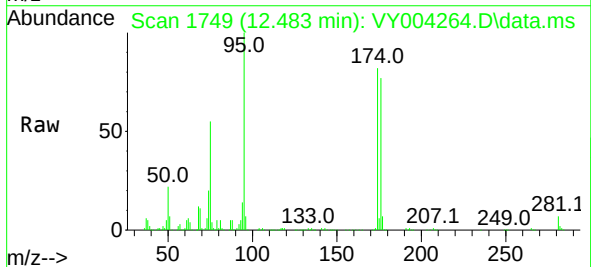
Instrument :
MSVOA_Y
ClientSampleId :
TP-6D1-(4-7.5)

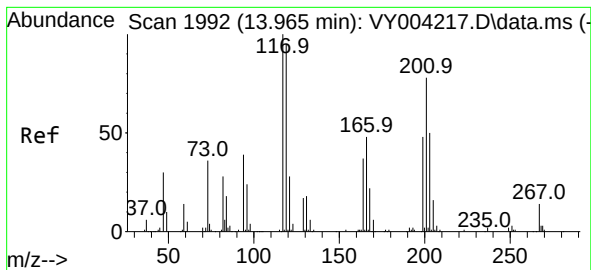
Tgt Ion: 75 Resp: 69508
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.00 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004264.D
Acq: 02 Apr 2021 15:48

Tgt Ion: 75 Resp: 69508
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 0.5 39.4 59.2#





#90
 Hexachloroethane
 Concen: 7.38 ug/l
 RT: 13.971 min Scan# 1993
 Delta R.T. 0.006 min
 Lab File: VY004264.D
 Acq: 02 Apr 2021 15:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6D1-(4-7.5)

Tgt Ion:117 Resp: 90
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.6 112.9#

