

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040121\
 Data File : VY004244.D
 Acq On : 01 Apr 2021 14:30
 Operator : SY/MD
 Sample : M1894-02
 Misc : 5.05g/5mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210156-AMENDED-CP-COMPOSI

Quant Time: Apr 02 02:10:09 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)

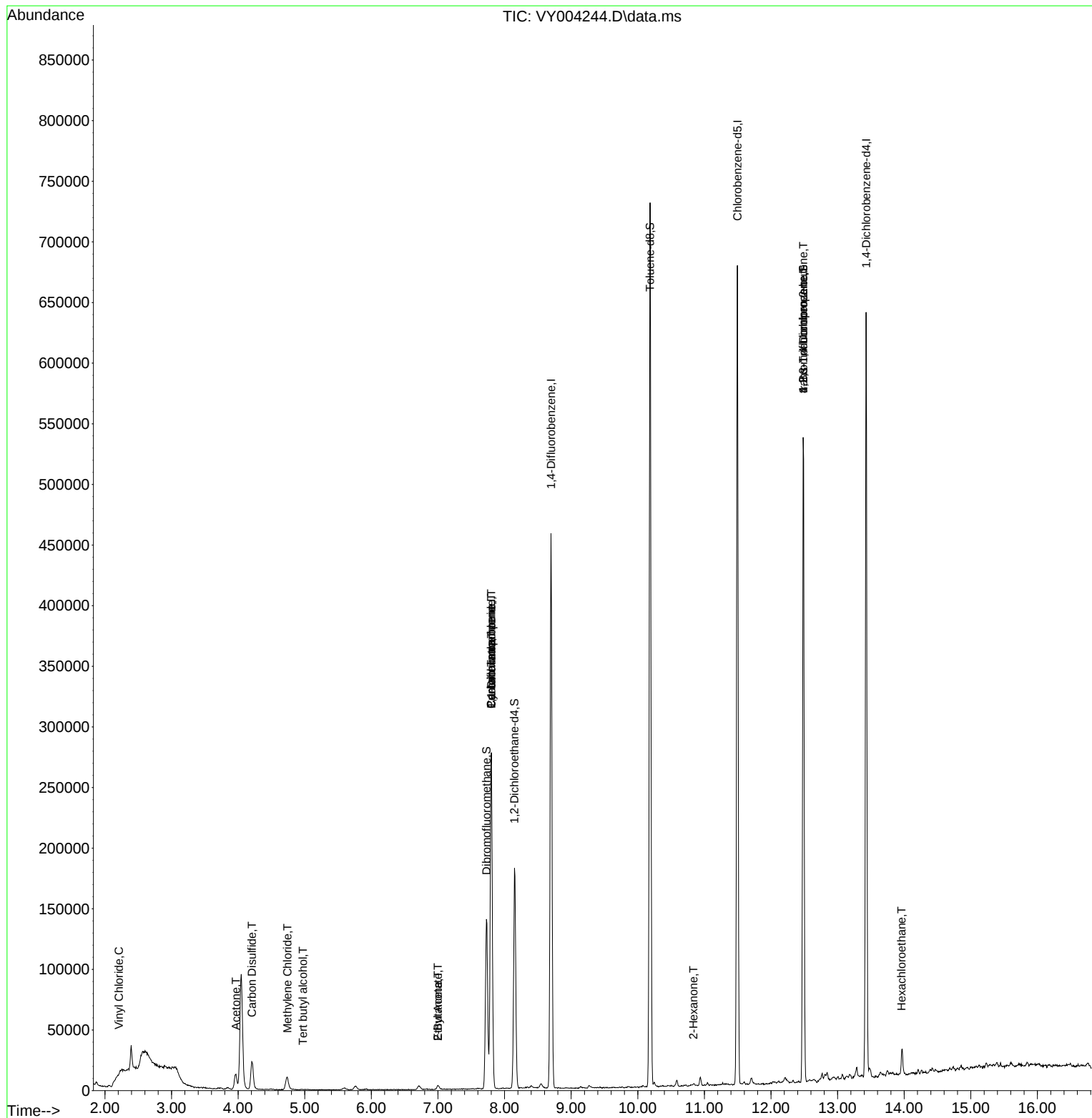
Internal Standards						
1) Pentafluorobenzene	7.801	168	214155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	369682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	345926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	153777	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	137302	66.69	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 133.38%			
35) Dibromofluoromethane	7.728	113	98194	47.67	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.34%			
50) Toluene-d8	10.185	98	451529	58.28	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 116.56%			
62) 4-Bromofluorobenzene	12.483	95	156129	58.80	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 117.60%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.211	62	5237	1.88	ug/l #	42
11) Tert butyl alcohol	4.972	59	601	3.59	ug/l #	71
13) Acrolein	3.747	56	727	Below Cal	#	11
16) Acetone	3.967	43	22974	53.56	ug/l	100
17) Carbon Disulfide	4.204	76	46546	9.14	ug/l	100
20) Methylene Chloride	4.741	84	7523	1.12	ug/l	94
25) 2-Butanone	6.997	43	5644	7.88	ug/l	95
31) Cyclohexane	7.801	56	4920	1.35	ug/l #	12
36) 1,1-Dichloropropene	7.801	75	16658	4.94	ug/l #	49
37) Ethyl Acetate	6.997	43	5644	2.85	ug/l #	70
38) Carbon Tetrachloride	7.801	117	21056	7.17	ug/l #	17
49) 1,4-Dioxane	9.307	88	446	Below Cal	#	29
59) 2-Hexanone	10.837	43	1656	1.26	ug/l #	51
76) 1,2,3-Trichloropropane	12.483	75	85953	61.55	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	85953	113.45	ug/l #	10
90) Hexachloroethane	13.959	117	78	7.36	ug/l #	12

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

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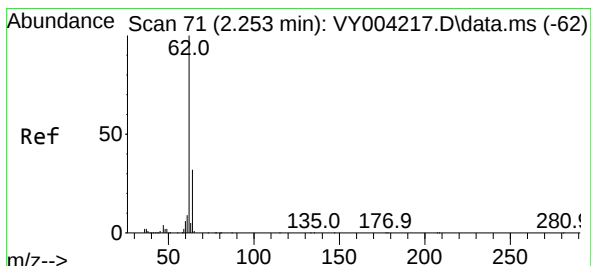
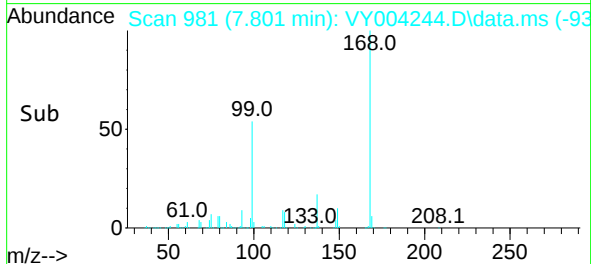
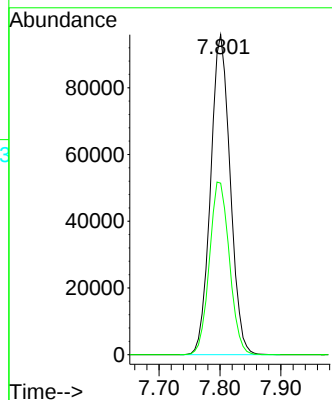
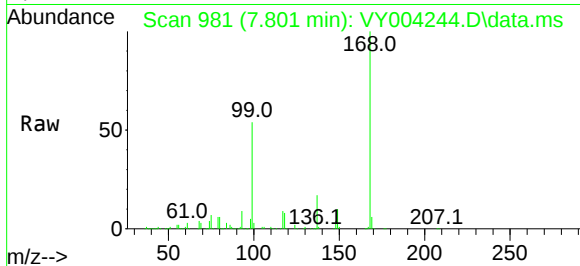




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004244.D
Acq: 01 Apr 2021 14:30

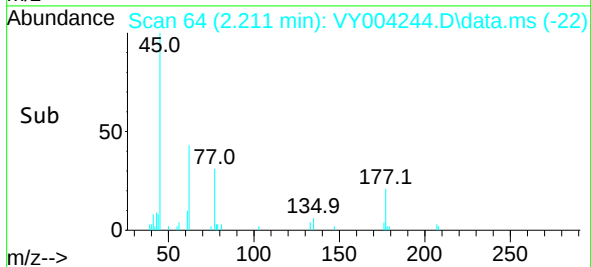
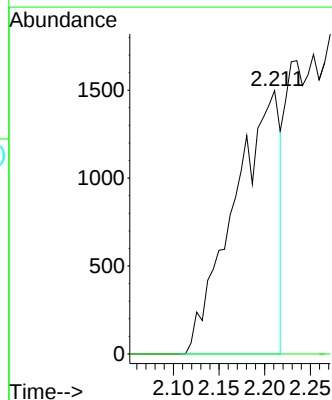
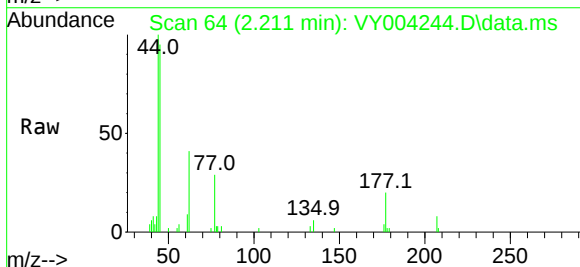
Instrument :
MSVOA_Y
ClientSampleId :
20210156-AMENDED-CP-COMPOSI

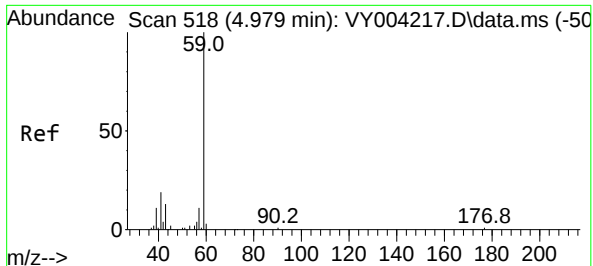
Tgt Ion:168 Resp: 214155
Ion Ratio Lower Upper
168 100
99 53.6 42.6 64.0



#4
Vinyl Chloride
Concen: 1.88 ug/l
RT: 2.211 min Scan# 64
Delta R.T. -0.043 min
Lab File: VY004244.D
Acq: 01 Apr 2021 14:30

Tgt Ion: 62 Resp: 5237
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#



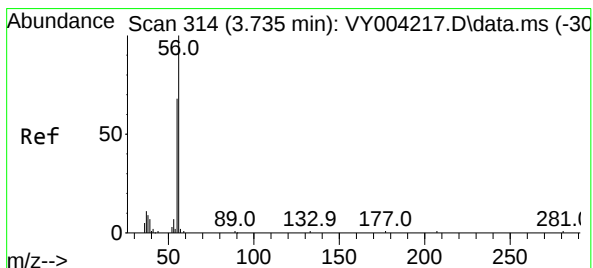
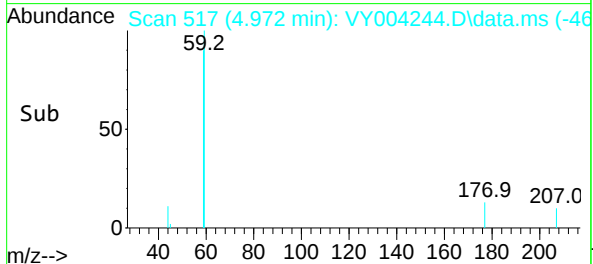
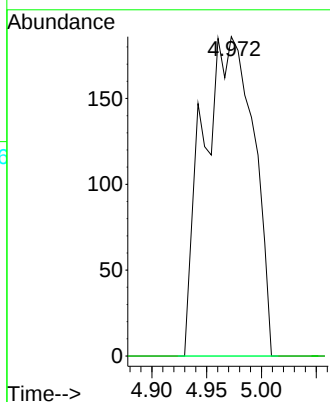
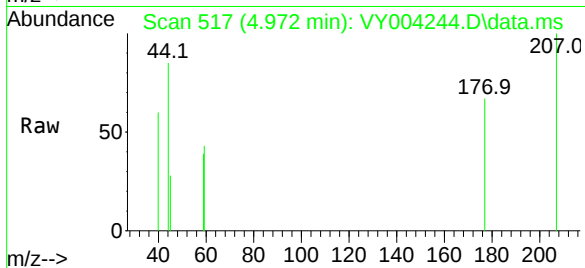


#11

Tert butyl alcohol
Concen: 3.59 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004244.D
Acq: 01 Apr 2021 14:30

Instrument :
MSVOA_Y
ClientSampleId :
20210156-AMENDED-CP-COMPOSI

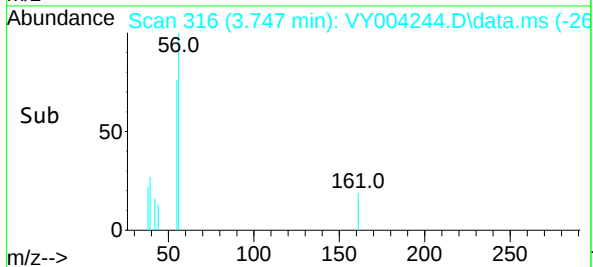
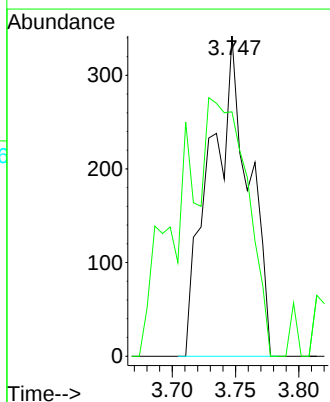
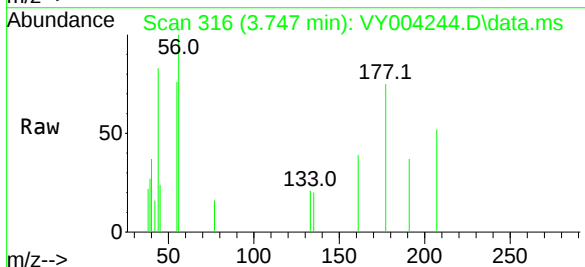
Tgt Ion: 59 Resp: 601
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

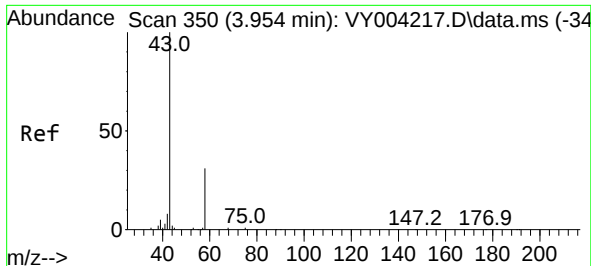


#13

Acrolein
Concen: Below Cal
RT: 3.747 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY004244.D
Acq: 01 Apr 2021 14:30

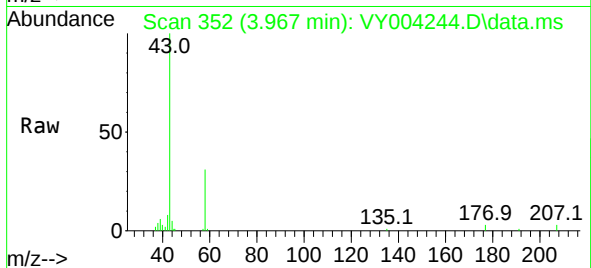
Tgt Ion: 56 Resp: 727
Ion Ratio Lower Upper
56 100
55 141.4 55.0 82.4#



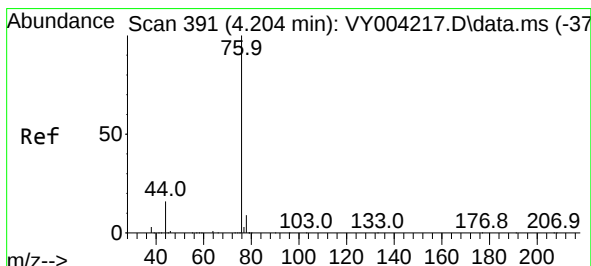
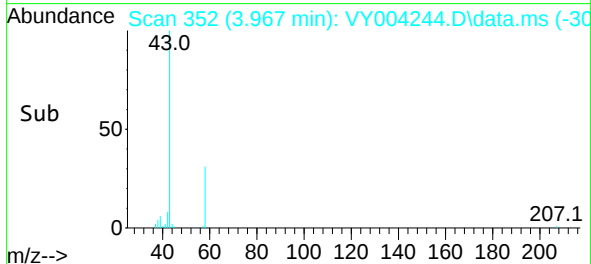
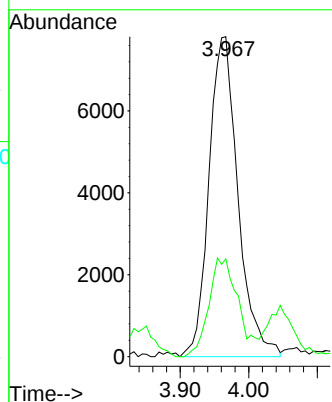


#16
Acetone
Concen: 53.56 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY004244.D
Acq: 01 Apr 2021 14:30

Instrument :
MSVOA_Y
ClientSampleId :
20210156-AMENDED-CP-COMPOSI

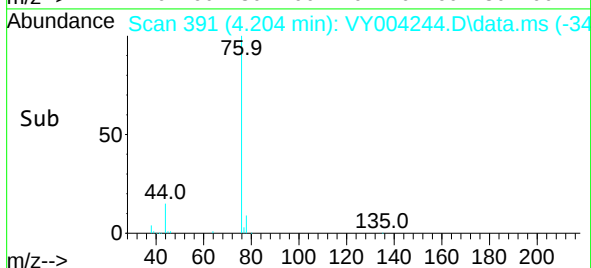
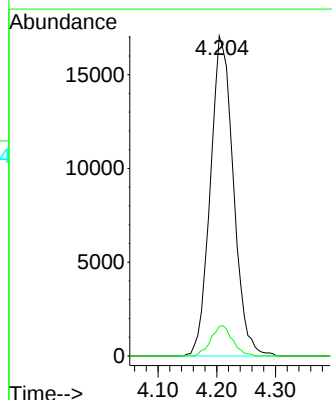
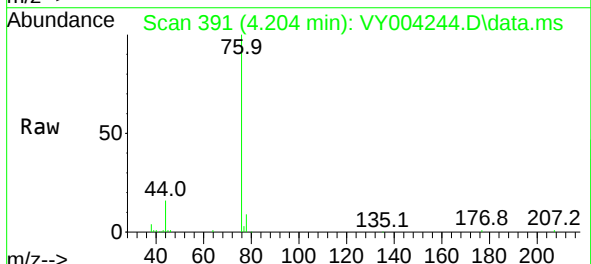


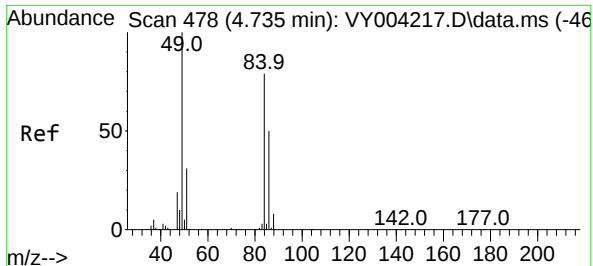
Tgt Ion: 43 Resp: 22974
Ion Ratio Lower Upper
43 100
58 30.5 24.5 36.7



#17
Carbon Disulfide
Concen: 9.14 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY004244.D
Acq: 01 Apr 2021 14:30

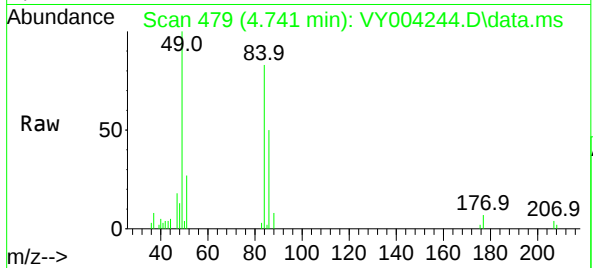
Tgt Ion: 76 Resp: 46546
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



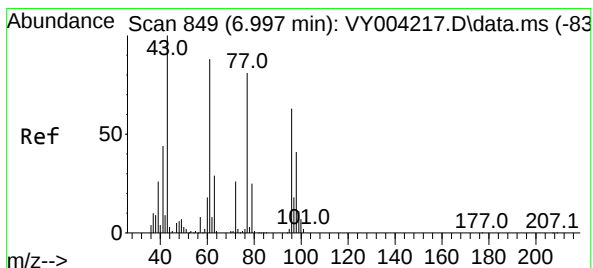
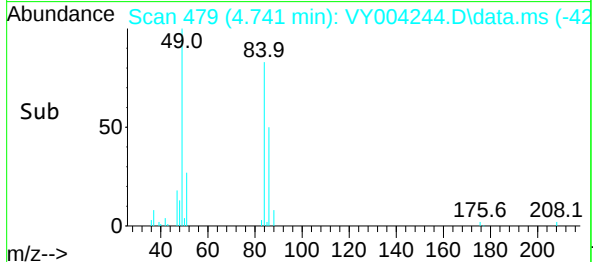
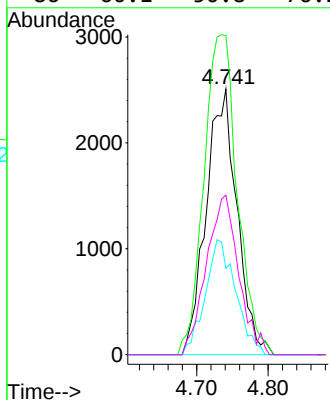


#20
Methylene Chloride
Concen: 1.12 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY004244.D
Acq: 01 Apr 2021 14:30

Instrument :
MSVOA_Y
ClientSampleId :
20210156-AMENDED-CP-COMPOSI

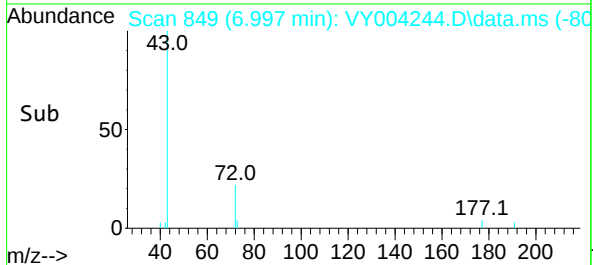
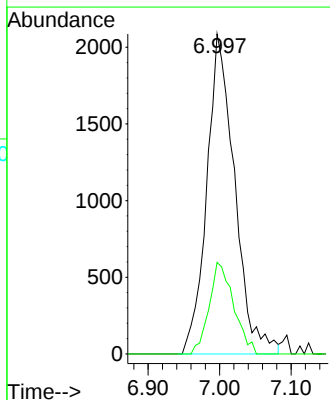
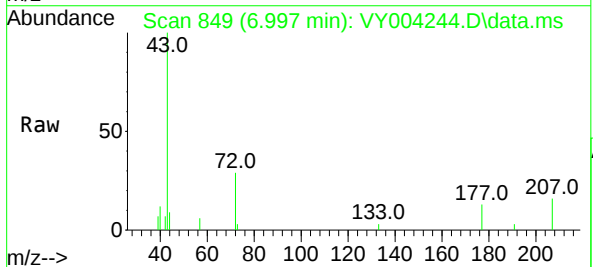


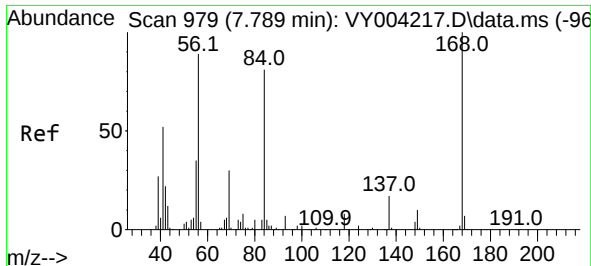
Tgt Ion:	84	Resp:	7523
Ion	Ratio	Lower	Upper
84	100		
49	120.1	101.5	152.3
51	32.5	31.5	47.3
86	60.1	50.8	76.2



#25
2-Butanone
Concen: 7.88 ug/l
RT: 6.997 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY004244.D
Acq: 01 Apr 2021 14:30

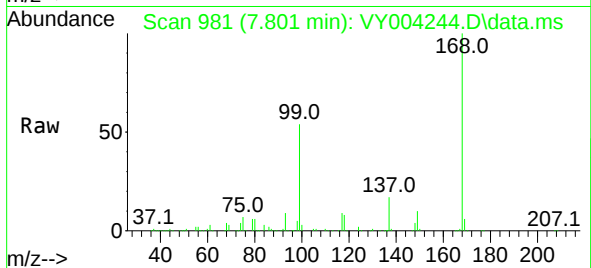
Tgt Ion:	43	Resp:	5644
Ion	Ratio	Lower	Upper
43	100		
72	28.6	21.0	31.6



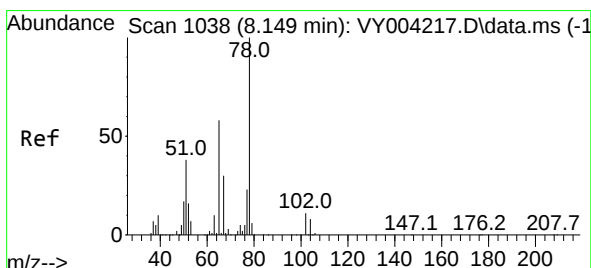
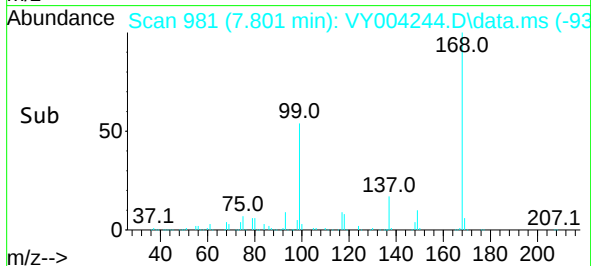
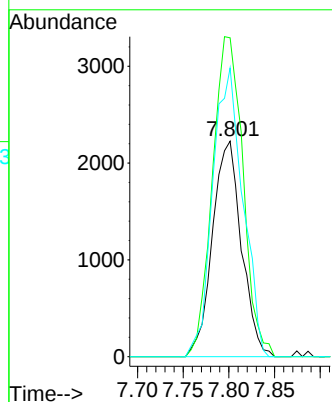


#31
Cyclohexane
Concen: 1.35 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004244.D
Acq: 01 Apr 2021 14:30

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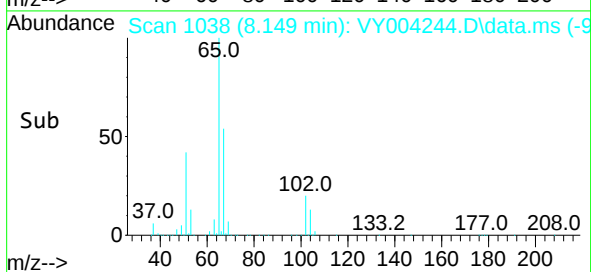
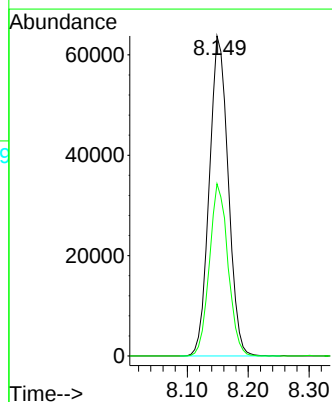
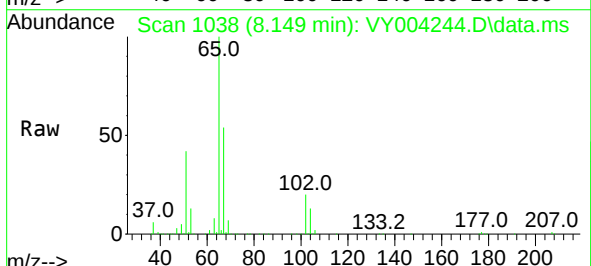


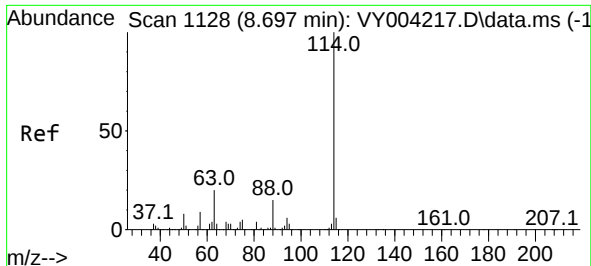
Tgt Ion: 56 Resp: 4920
Ion Ratio Lower Upper
56 100
69 148.0 26.6 40.0#
84 134.1 72.3 108.5#



#33
1,2-Dichloroethane-d4
Concen: 66.69 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004244.D
Acq: 01 Apr 2021 14:30

Tgt Ion: 65 Resp: 137302
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.2

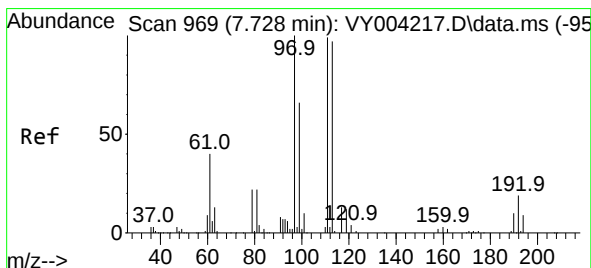
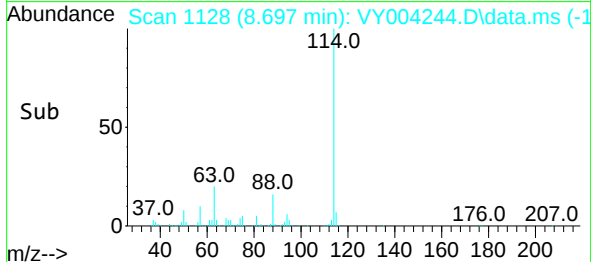
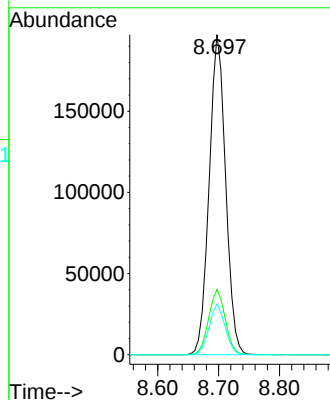
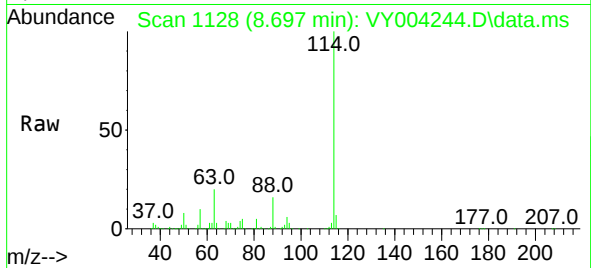




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004244.D
Acq: 01 Apr 2021 14:30

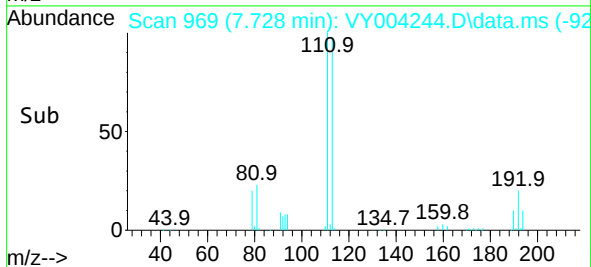
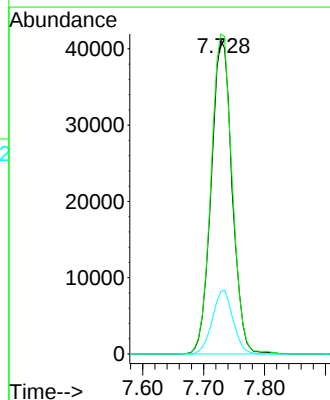
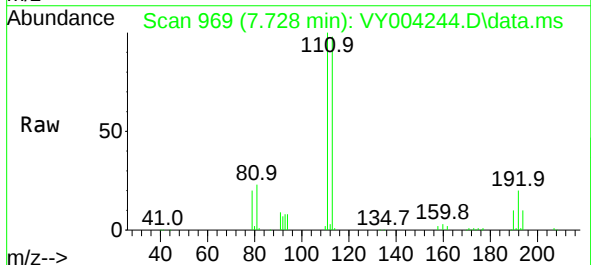
Instrument :
MSVOA_Y
ClientSampleId :
20210156-AMENDED-CP-COMPOSI

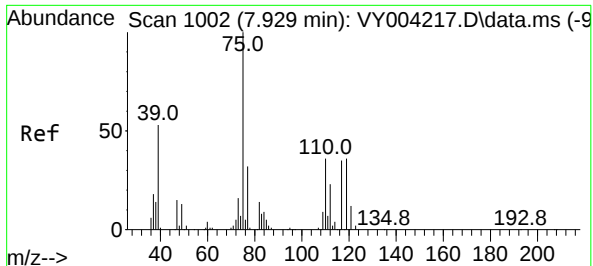
Tgt Ion:114 Resp: 369682
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.4
88 15.8 0.0 30.8



#35
Dibromofluoromethane
Concen: 47.67 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004244.D
Acq: 01 Apr 2021 14:30

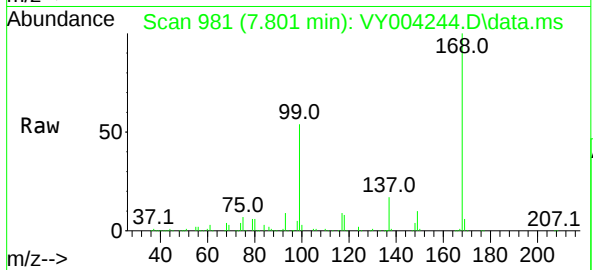
Tgt Ion:113 Resp: 98194
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 20.1 16.4 24.6



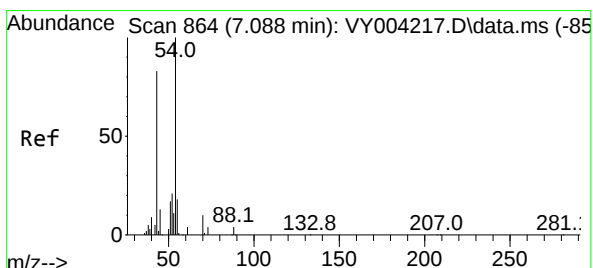
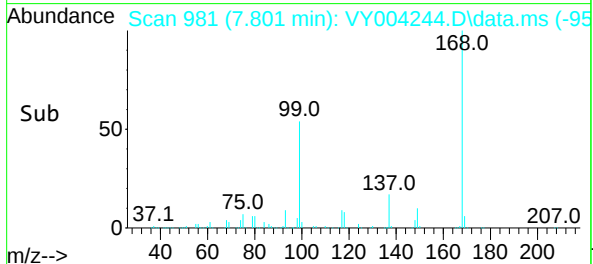
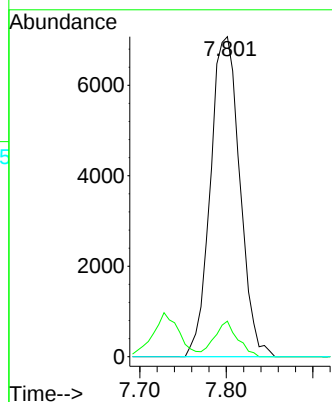


#36
1,1-Dichloropropene
Concen: 4.94 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004244.D
Acq: 01 Apr 2021 14:30

Instrument :
MSVOA_Y
ClientSampleId :
20210156-AMENDED-CP-COMPOSI

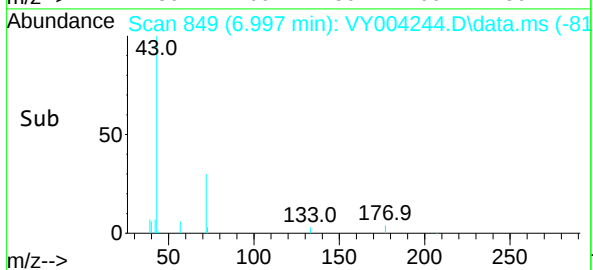
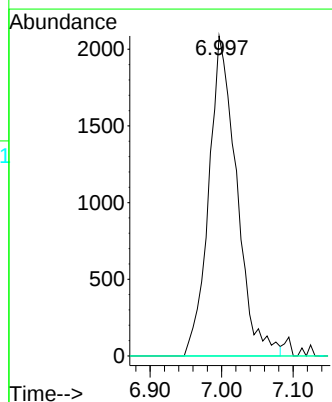
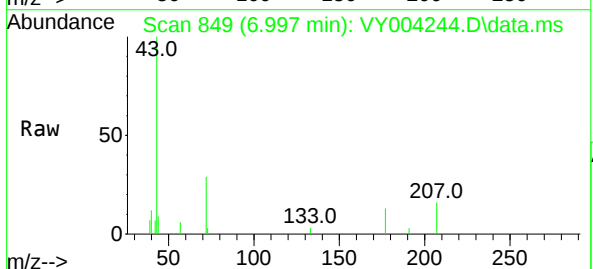


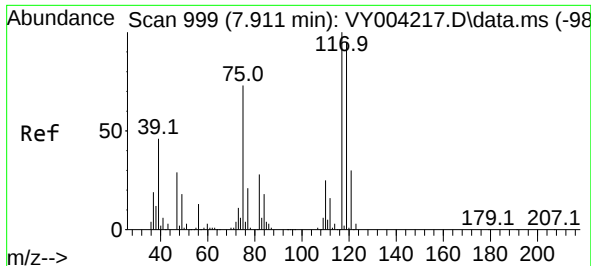
Tgt Ion: 75 Resp: 16658
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.3#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 2.85 ug/l
RT: 6.997 min Scan# 849
Delta R.T. -0.091 min
Lab File: VY004244.D
Acq: 01 Apr 2021 14:30

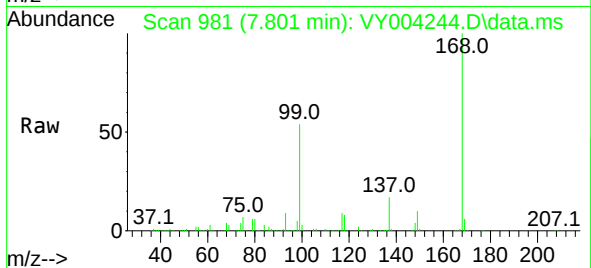
Tgt Ion: 43 Resp: 5644
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.2#
70 0.0 8.0 12.0#



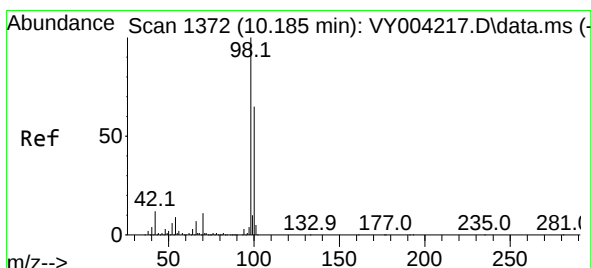
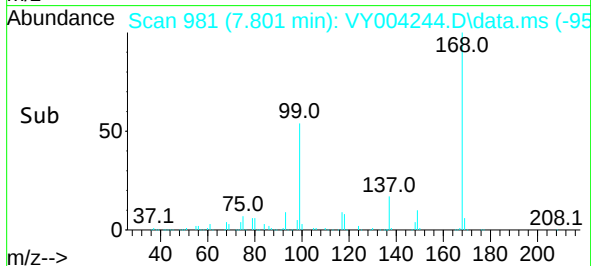
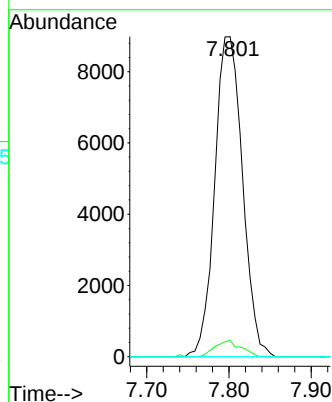


#38
Carbon Tetrachloride
Concen: 7.17 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004244.D
Acq: 01 Apr 2021 14:30

Instrument :
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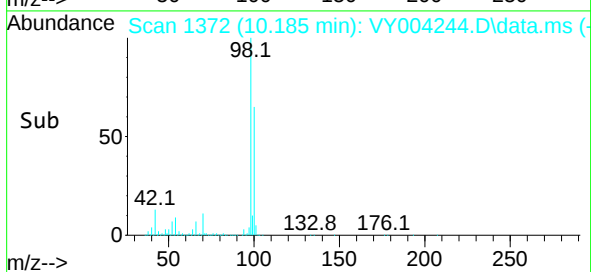
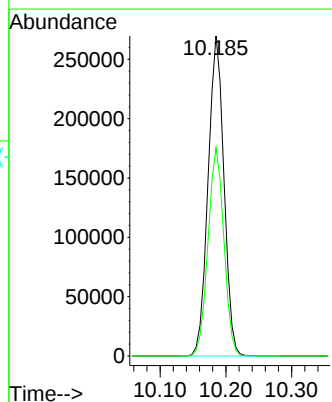
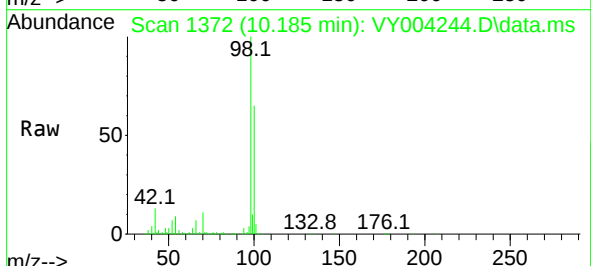


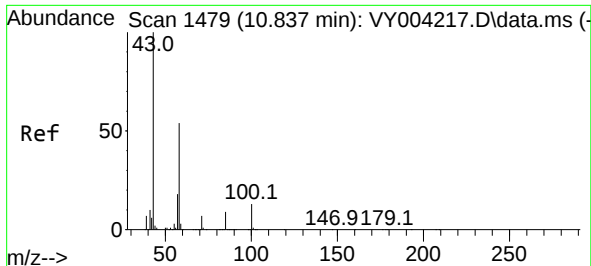
Tgt Ion:117 Resp: 21056
Ion Ratio Lower Upper
117 100
119 5.1 75.6 113.4#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 58.28 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004244.D
Acq: 01 Apr 2021 14:30

Tgt Ion: 98 Resp: 451529
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7

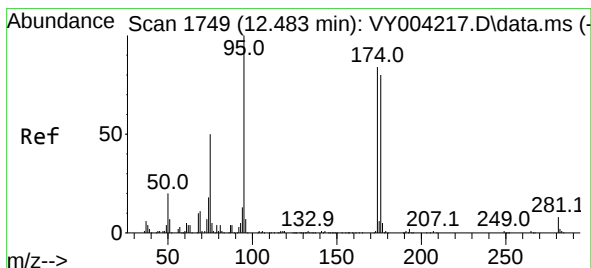
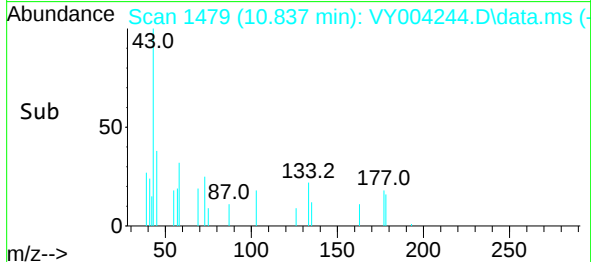
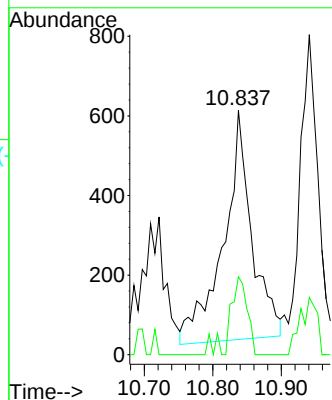
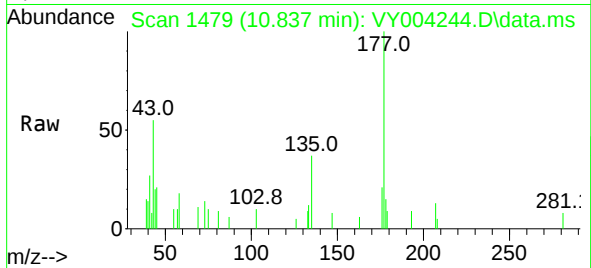




#59
2-Hexanone
Concen: 1.26 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY004244.D
Acq: 01 Apr 2021 14:30

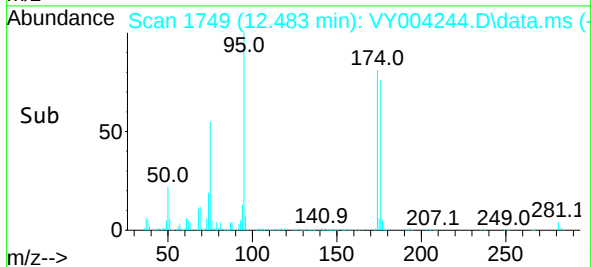
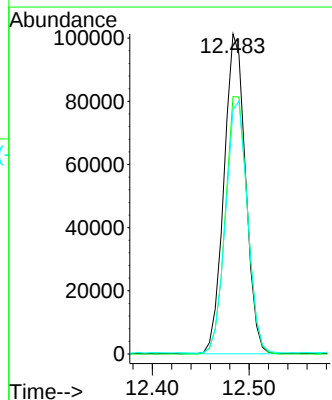
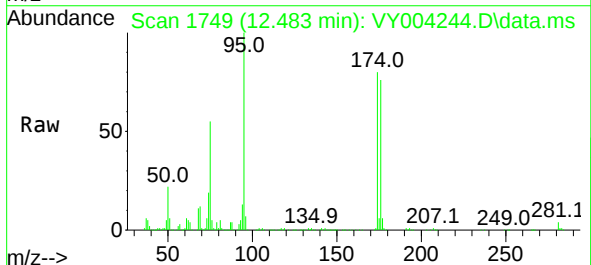
Instrument :
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ClientSampleId :
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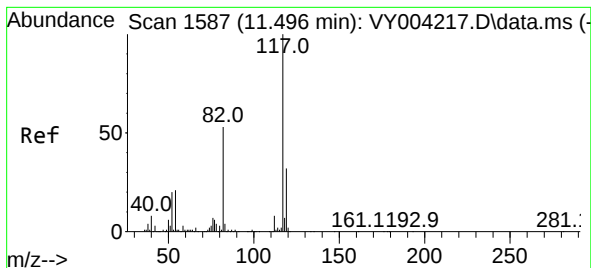
Tgt Ion: 43 Resp: 1656
Ion Ratio Lower Upper
43 100
58 18.4 26.7 80.1#



#62
4-Bromofluorobenzene
Concen: 58.80 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004244.D
Acq: 01 Apr 2021 14:30

Tgt Ion: 95 Resp: 156129
Ion Ratio Lower Upper
95 100
174 82.7 0.0 171.4
176 80.2 0.0 165.6

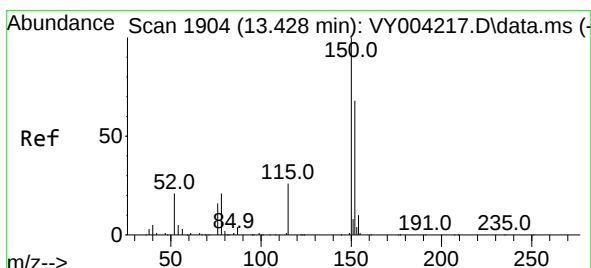
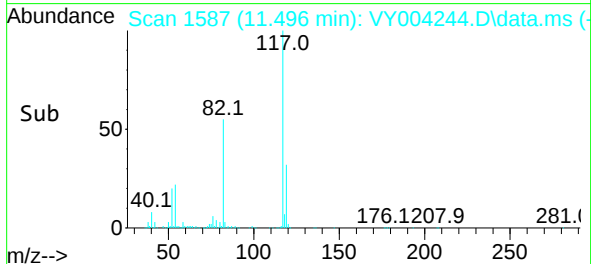
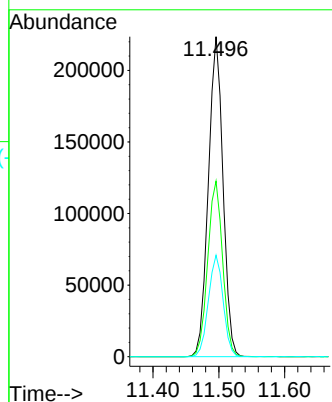
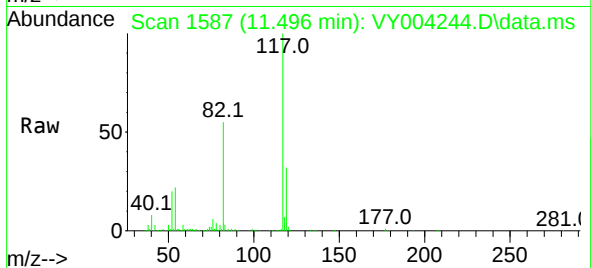




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004244.D
Acq: 01 Apr 2021 14:30

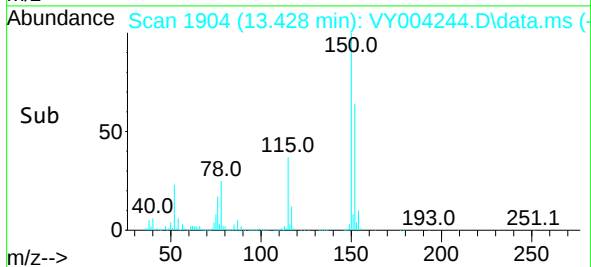
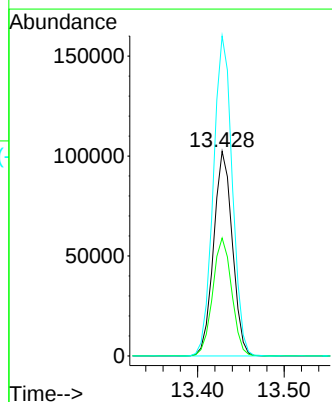
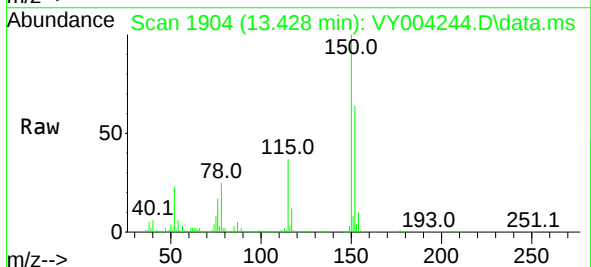
Instrument :
MSVOA_Y
ClientSampleId :
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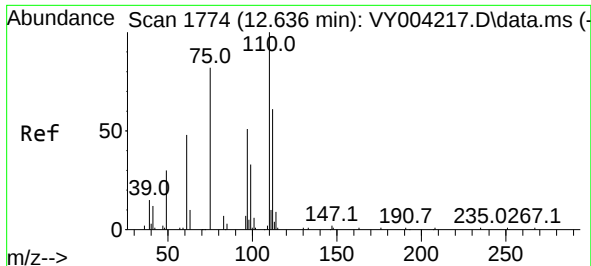
Tgt Ion:117 Resp: 345926
Ion Ratio Lower Upper
117 100
82 54.9 42.7 64.1
119 31.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004244.D
Acq: 01 Apr 2021 14:30

Tgt Ion:152 Resp: 153777
Ion Ratio Lower Upper
152 100
115 58.2 29.0 87.1
150 158.4 0.0 347.4

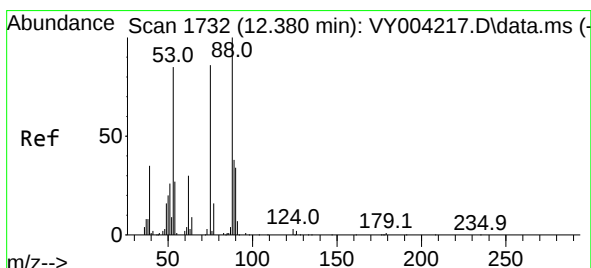
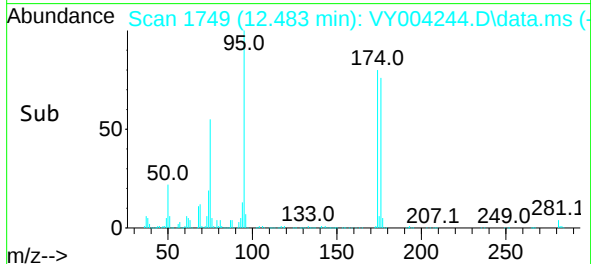
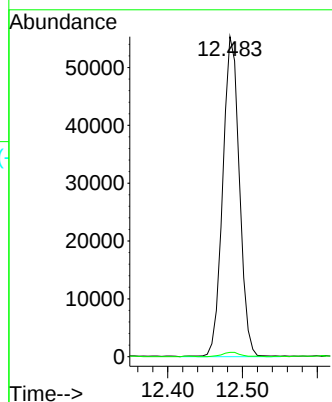
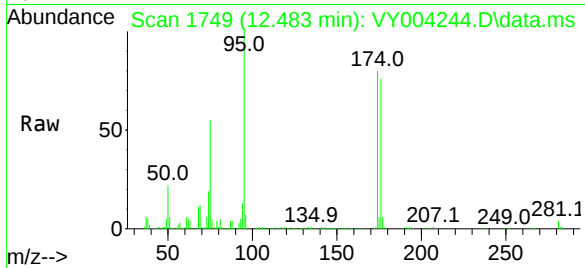




#76
1,2,3-Trichloropropane
Concen: 61.55 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004244.D
Acq: 01 Apr 2021 14:30

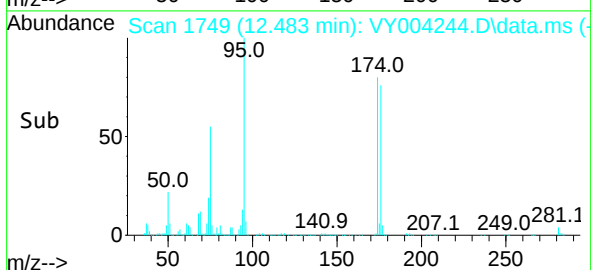
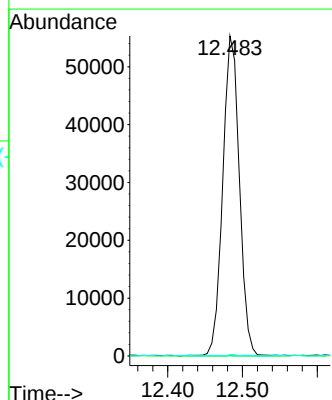
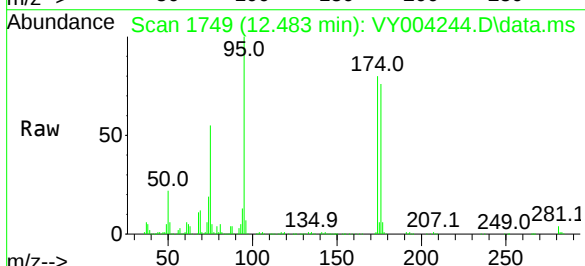
Instrument :
MSVOA_Y
ClientSampleId :
20210156-AMENDED-CP-COMPOSI

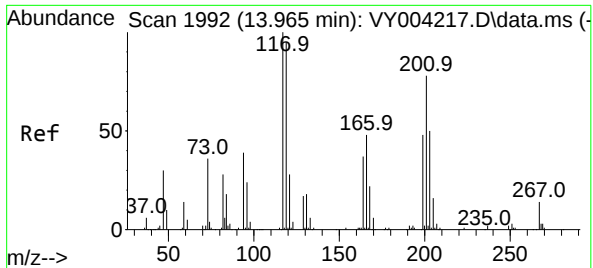
Tgt Ion: 75 Resp: 85953
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.45 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004244.D
Acq: 01 Apr 2021 14:30

Tgt Ion: 75 Resp: 85953
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 0.3 39.4 59.2#





#90
 Hexachloroethane
 Concen: 7.36 ug/l
 RT: 13.959 min Scan# 1991
 Delta R.T. -0.006 min
 Lab File: VY004244.D
 Acq: 01 Apr 2021 14:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210156-AMENDED-CP-COMPOSI

Tgt Ion:117 Resp: 78
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.6 112.9#

