

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030421\
 Data File : VW020455.D
 Acq On : 03 Mar 2021 17:59
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK93

Quant Time: Mar 04 00:40:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 04 00:36:40 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

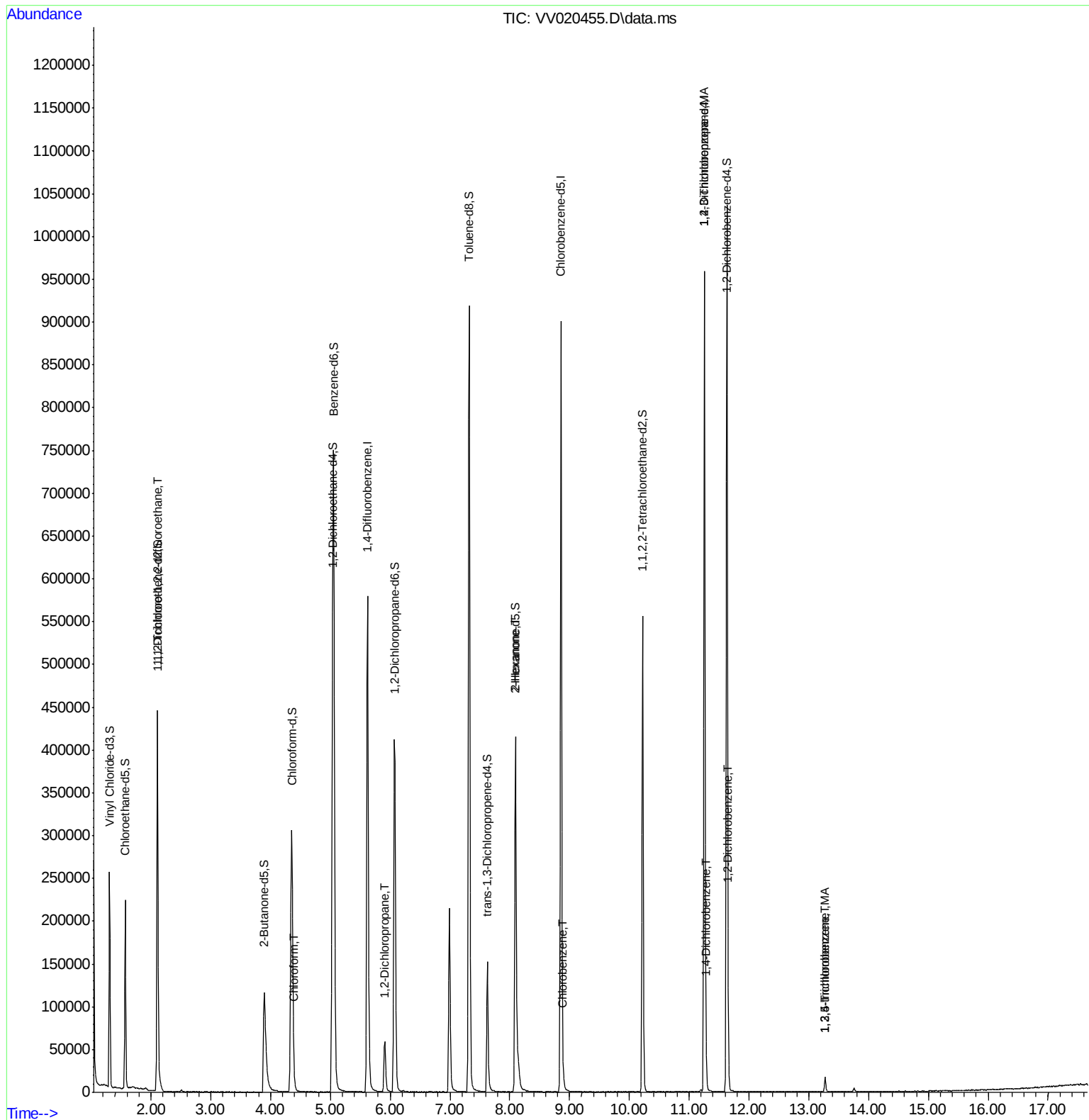
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	524982	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.857	117	520551	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	260591	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	160769	42.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.00%		
7) Chloroethane-d5	1.571	69	145176	46.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.46%		
11) 1,1-Dichloroethene-d2	2.108	63	227391	31.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.86%		
21) 2-Butanone-d5	3.896	46	217252	101.60	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.60%		
24) Chloroform-d	4.352	84	328251	48.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.38%		
26) 1,2-Dichloroethane-d4	5.037	65	215722	49.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.92%		
32) Benzene-d6	5.053	84	671597	49.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.60%		
36) 1,2-Dichloropropane-d6	6.072	67	207116	51.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.88%		
41) Toluene-d8	7.320	98	614792	48.51	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.02%		
43) trans-1,3-Dichloroprop...	7.625	79	92436	45.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.08%		
47) 2-Hexanone-d5	8.092	63	142327	84.97	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.97%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	256423	44.35	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.70%		
64) 1,2-Dichlorobenzene-d4	11.632	152	284329	57.66	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	115.32%		
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	2285	0.68	ug/L	# 23
25) Chloroform	4.388	83	12625	1.97	ug/L	95
37) 1,2-Dichloropropane	5.905	63	2620	0.74	ug/L	99
48) 2-Hexanone	8.095	43	16695	4.91	ug/L	# 80
51) Chlorobenzene	8.889	112	10956	1.07	ug/L	98
59) 1,2,3-Trichloropropane	11.255	75	29449	6.23	ug/L	99
63) 1,4-Dichlorobenzene	11.281	146	11062	1.40	ug/L	89
65) 1,2-Dichlorobenzene	11.651	146	13102	1.70	ug/L	99
67) 1,3,5-Trichlorobenzene	13.275	180	5862	0.97	ug/L	98
68) 1,2,4-trichlorobenzene	13.275	180	5862	1.10	ug/L	98

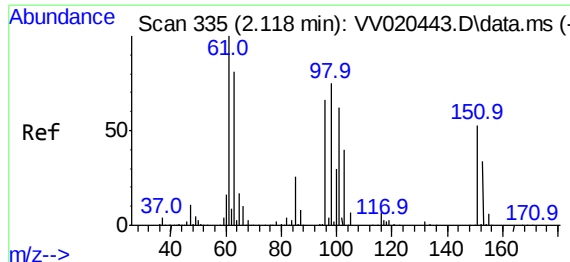
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

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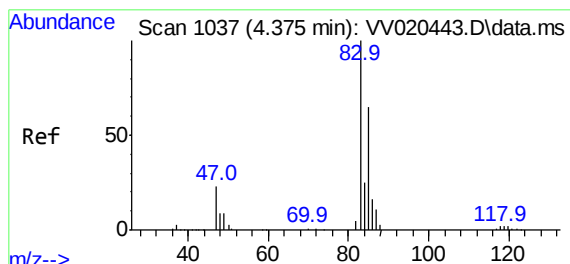
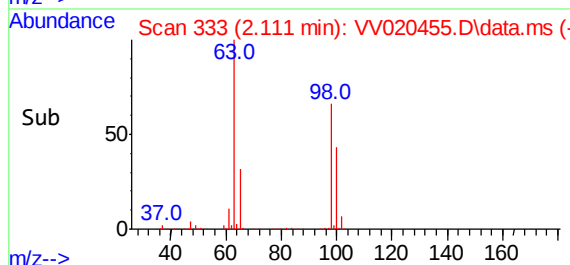
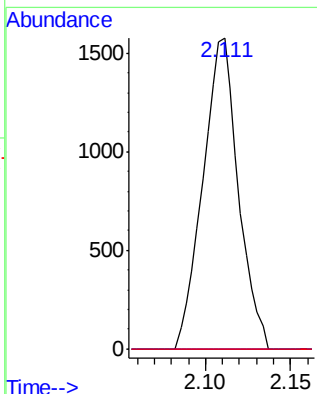
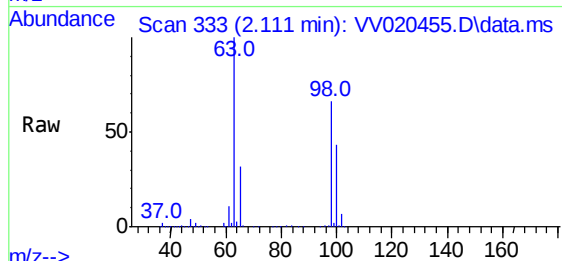




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.68 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.006 min
Lab File: VV020455.D
Acq: 03 Mar 2021 17:59

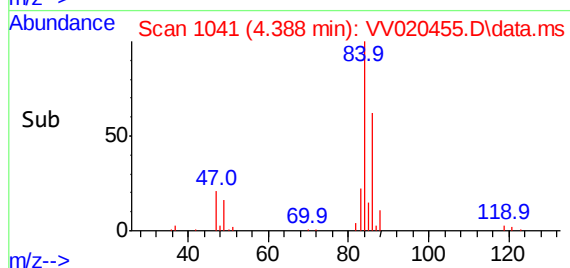
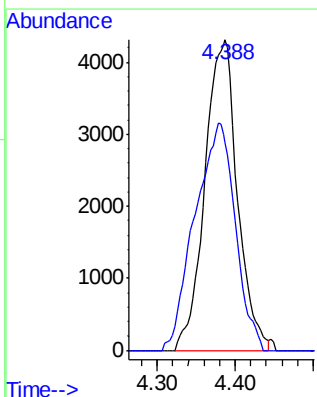
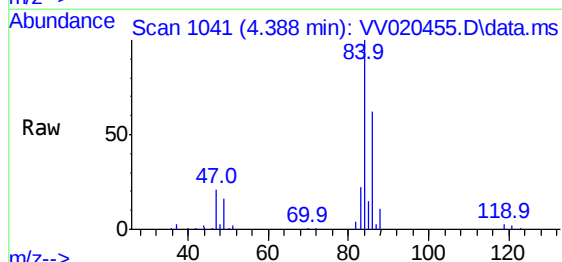
Instrument :
MSVOA_V
ClientSampleId :
VIBLK93

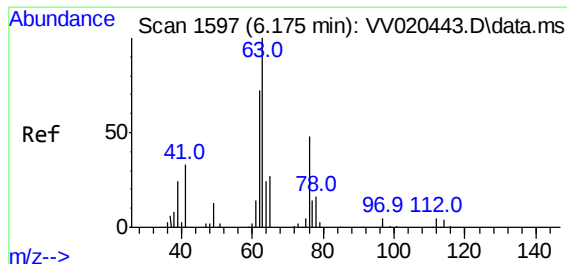
Tgt Ion:101 Resp: 2285
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 53.6 80.4#



#25
Chloroform
Concen: 1.97 ug/L
RT: 4.388 min Scan# 1041
Delta R.T. 0.013 min
Lab File: VV020455.D
Acq: 03 Mar 2021 17:59

Tgt Ion: 83 Resp: 12625
Ion Ratio Lower Upper
83 100
85 67.1 44.2 82.2

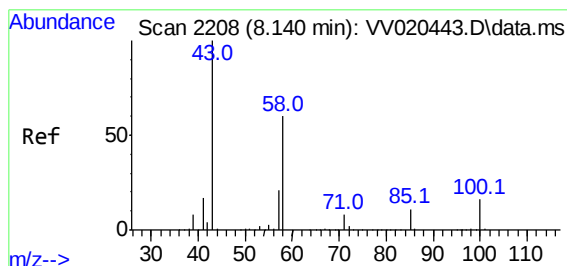
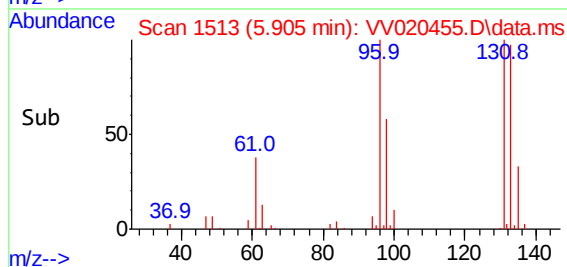
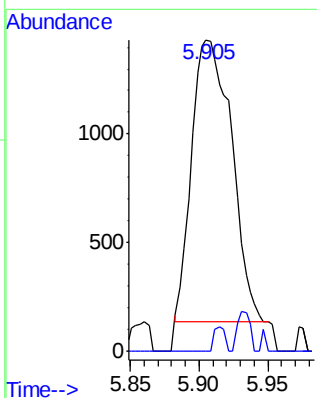
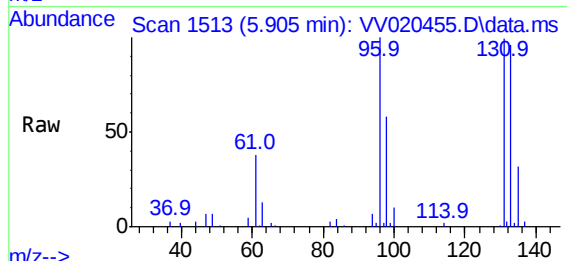




#37
1,2-Dichloropropane
Concen: 0.74 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.270 min
Lab File: VV020455.D
Acq: 03 Mar 2021 17:59

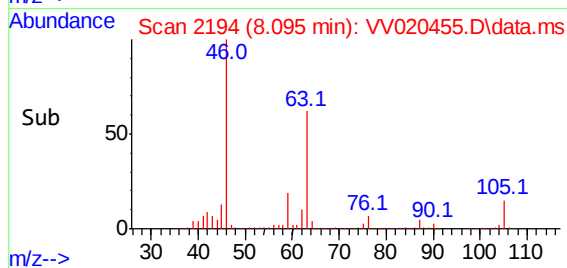
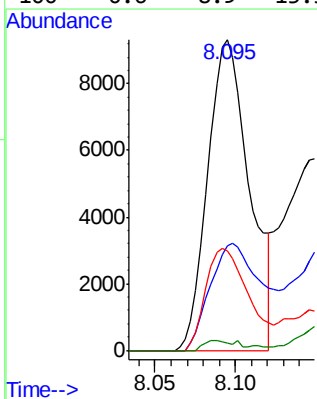
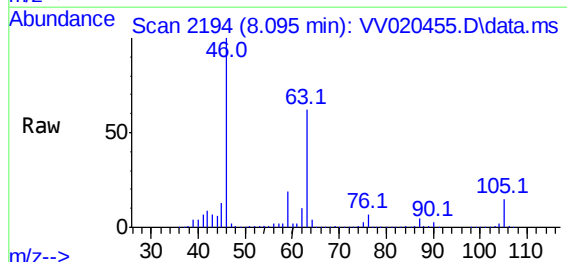
Instrument :
MSVOA_V
ClientSampleId :
VIBLK93

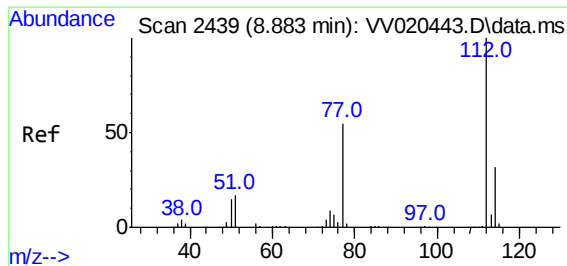
Tgt Ion: 63 Resp: 2620
Ion Ratio Lower Upper
63 100
112 4.5 3.3 4.9



#48
2-Hexanone
Concen: 4.91 ug/L
RT: 8.095 min Scan# 2194
Delta R.T. -0.045 min
Lab File: VV020455.D
Acq: 03 Mar 2021 17:59

Tgt Ion: 43 Resp: 16695
Ion Ratio Lower Upper
43 100
58 43.2 41.8 62.6
57 33.7 15.0 22.4#
100 0.6 8.9 13.3#

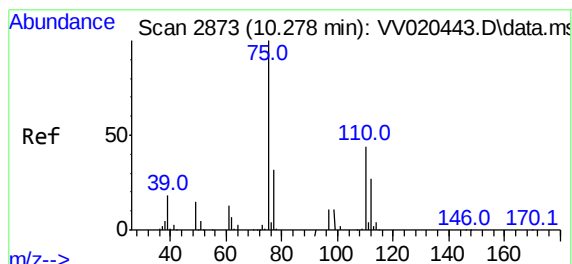
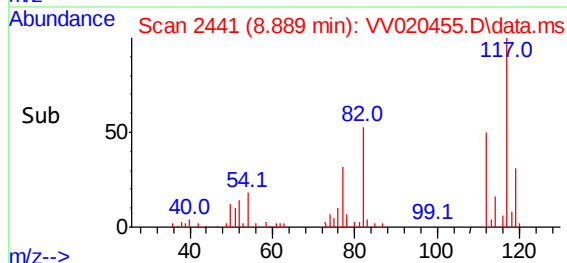
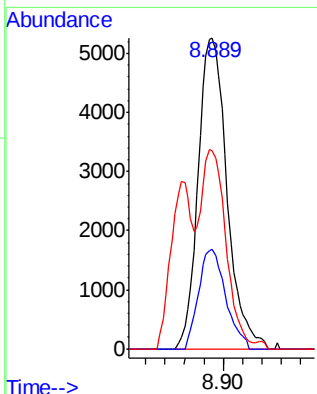
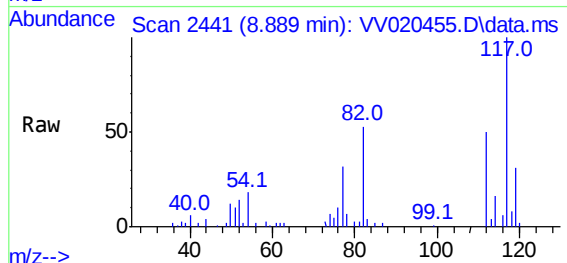




#51
Chlorobenzene
Concen: 1.07 ug/L
RT: 8.889 min Scan# 2441
Delta R.T. 0.006 min
Lab File: VV020455.D
Acq: 03 Mar 2021 17:59

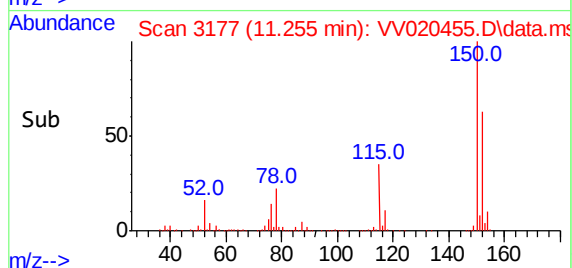
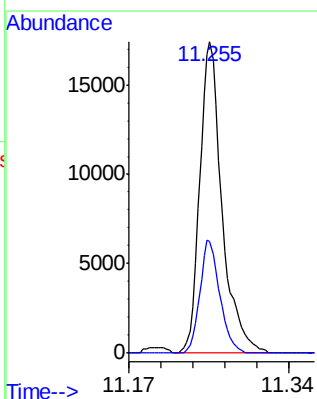
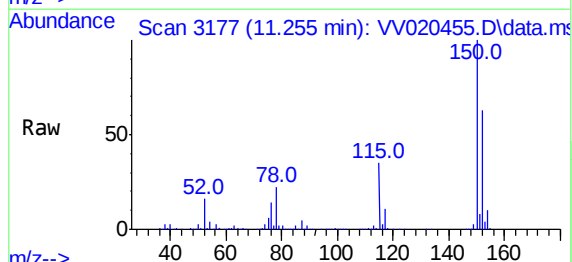
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ClientSampled :
VIBLK93

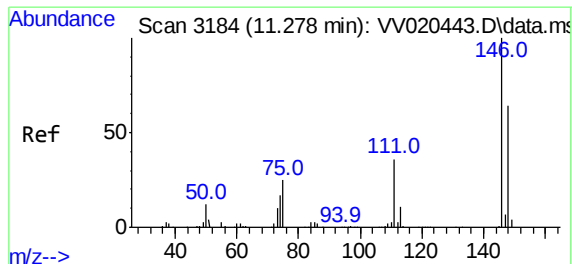
Tgt Ion:112 Resp: 10956
Ion Ratio Lower Upper
112 100
114 31.9 22.2 41.2
77 63.8 49.0 73.6



#59
1,2,3-Trichloropropane
Concen: 6.23 ug/L
RT: 11.255 min Scan# 3177
Delta R.T. 0.977 min
Lab File: VV020455.D
Acq: 03 Mar 2021 17:59

Tgt Ion: 75 Resp: 29449
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0

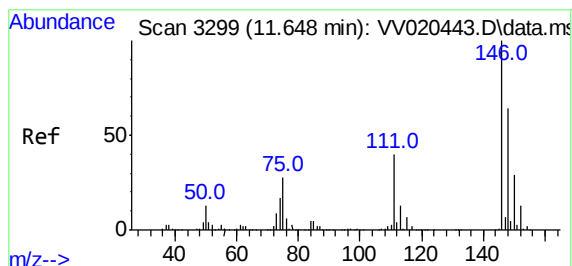
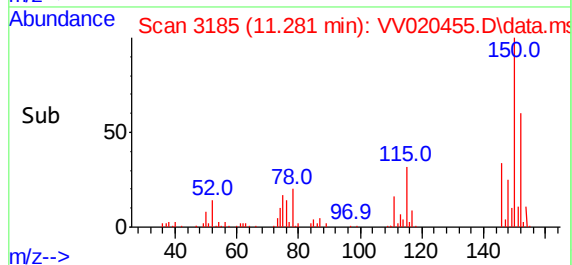
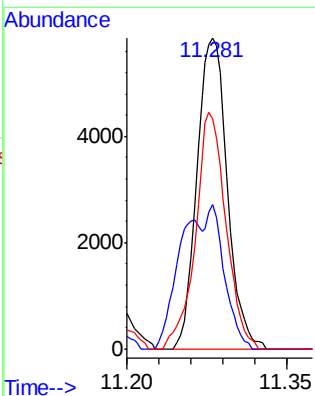
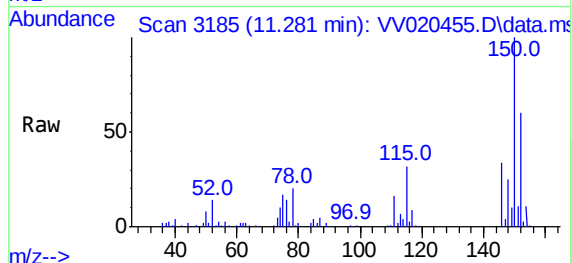




#63
1,4-Dichlorobenzene
Concen: 1.40 ug/L
RT: 11.281 min Scan# 3185
Delta R.T. 0.003 min
Lab File: VV020455.D
Acq: 03 Mar 2021 17:59

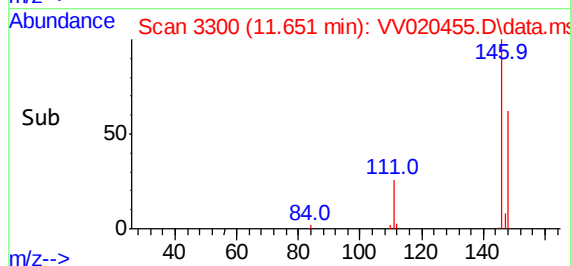
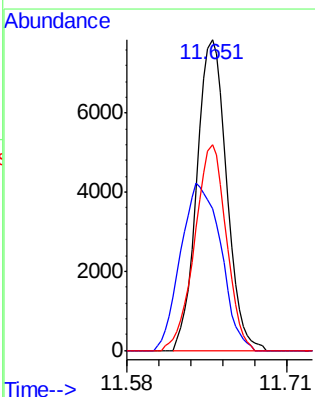
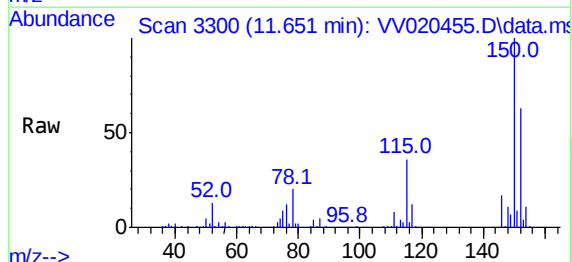
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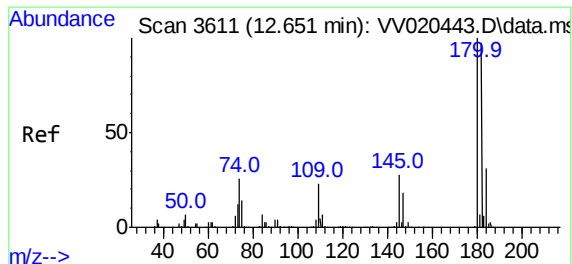
Tgt Ion:146 Resp: 11062
Ion Ratio Lower Upper
146 100
111 46.5 29.4 54.6
148 74.1 44.7 83.1



#65
1,2-Dichlorobenzene
Concen: 1.70 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.003 min
Lab File: VV020455.D
Acq: 03 Mar 2021 17:59

Tgt Ion:146 Resp: 13102
Ion Ratio Lower Upper
146 100
111 45.6 36.3 54.5
148 66.3 51.7 77.5



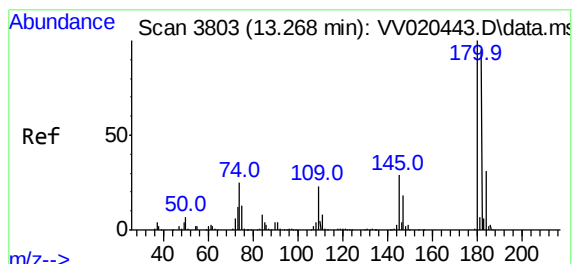
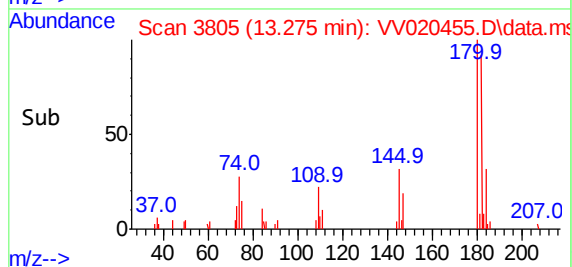
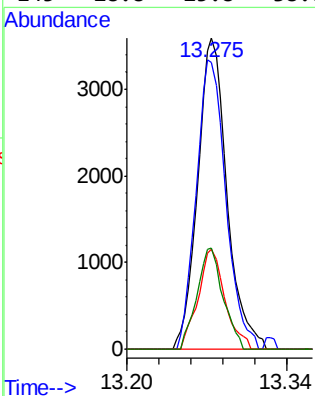
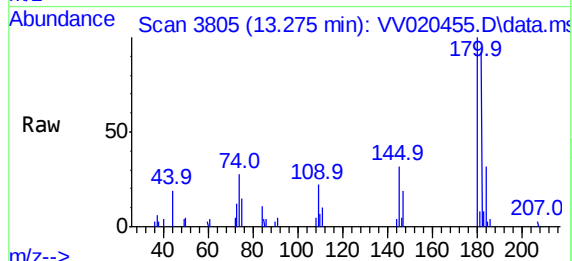


#67
1,3,5-Trichlorobenzene
Concen: 0.97 ug/L
RT: 13.275 min Scan# 3805
Delta R.T. 0.624 min
Lab File: VV020455.D
Acq: 03 Mar 2021 17:59

Instrument :
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ClientSampled :
VIBLK93

Tgt Ion:180 Resp: 5862

Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.0	112.6
184	29.3	24.0	36.0
145	28.8	25.8	38.6



#68
1,2,4-trichlorobenzene
Concen: 1.10 ug/L
RT: 13.275 min Scan# 3805
Delta R.T. 0.006 min
Lab File: VV020455.D
Acq: 03 Mar 2021 17:59

Tgt Ion:180 Resp: 5862

Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.1	112.7
145	28.8	26.8	40.2

