

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031221\
 Data File : VW020559.D
 Acq On : 12 Mar 2021 00:49
 Operator : SY/MD
 Sample : M1633-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B85

Quant Time: Mar 12 07:57:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM030521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 12 07:54:21 2021
 Response via : Initial Calibration

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

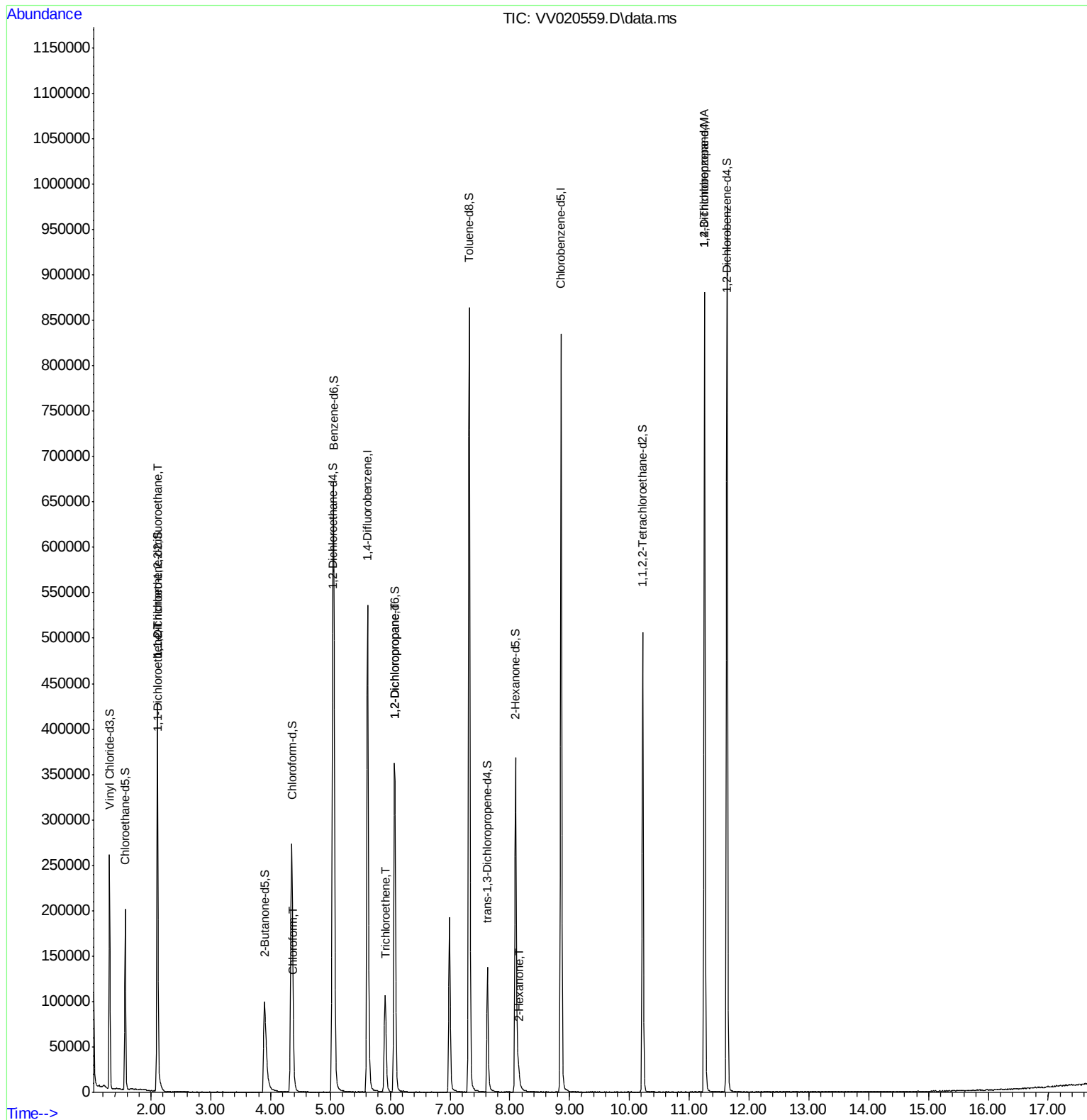
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	510374	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.857	117	499070	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	249331	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	158348	42.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.66%		
7) Chloroethane-d5	1.568	69	130445	45.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.04%		
11) 1,1-Dichloroethene-d2	2.108	63	211589	33.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.14%		
21) 2-Butanone-d5	3.899	46	182554	96.36	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.36%		
24) Chloroform-d	4.352	84	296395	45.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.64%		
26) 1,2-Dichloroethane-d4	5.037	65	188122	47.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.68%		
32) Benzene-d6	5.053	84	625324	49.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.34%		
36) 1,2-Dichloropropane-d6	6.072	67	184188	48.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.80%		
41) Toluene-d8	7.320	98	587659	48.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.54%		
43) trans-1,3-Dichloroprop...	7.625	79	83196	45.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.84%		
47) 2-Hexanone-d5	8.091	63	129022	94.80	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.80%		
57) 1,1,2,2-Tetrachloroeth...	10.223	84	230522	45.72	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.44%		
64) 1,2-Dichlorobenzene-d4	11.631	152	275218	56.38	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	112.76%		
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	2265	0.68	ug/L #	23
12) 1,1-Dichloroethene	2.114	96	3284	1.00	ug/L #	1
25) Chloroform	4.381	83	12900	2.02	ug/L	91
34) Trichloroethene	5.921	95	25948	6.66	ug/L	88
37) 1,2-Dichloropropane	6.075	63	19407	5.96	ug/L #	88
48) 2-Hexanone	8.149	43	9856	3.35	ug/L #	86
59) 1,2,3-Trichloropropane	11.255	75	22989	5.24	ug/L	89

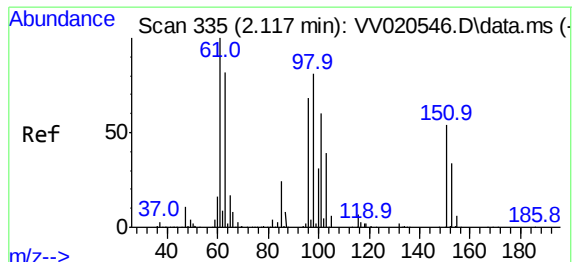
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Mar 12 07:54:21 2021
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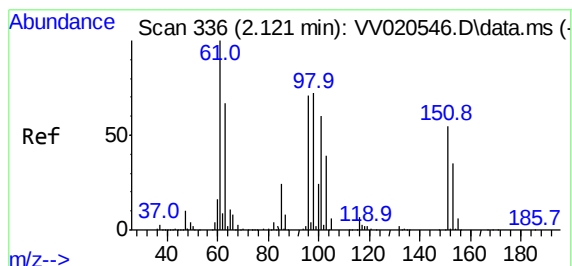
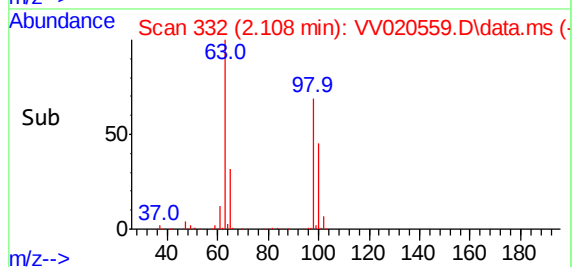
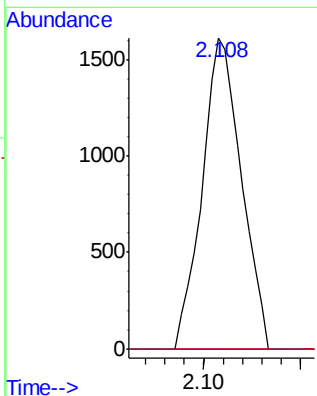
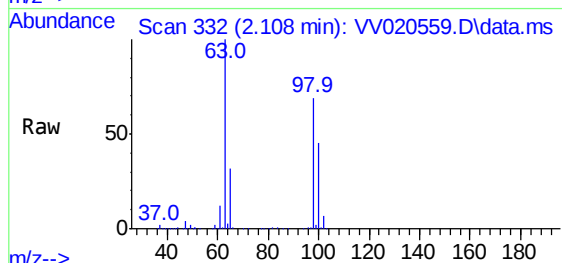




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.68 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.010 min
Lab File: VV020559.D
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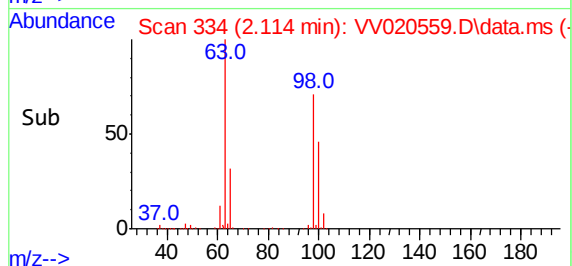
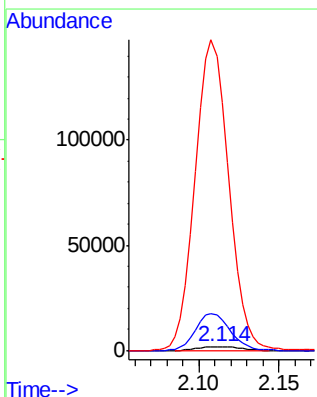
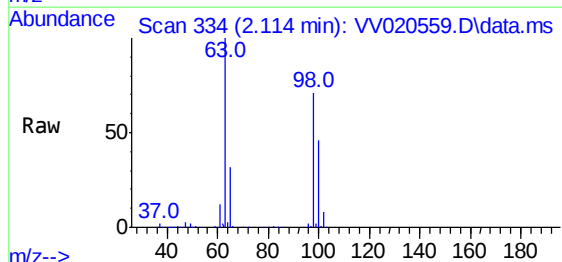
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MSVOA_V
ClientSampleId :
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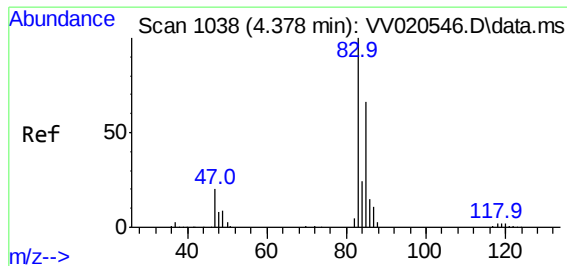
Tgt Ion:101 Resp: 2265
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 53.6 80.4#



#12
1,1-Dichloroethene
Concen: 1.00 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.006 min
Lab File: VV020559.D
Acq: 12 Mar 2021 00:49

Tgt Ion: 96 Resp: 3284
Ion Ratio Lower Upper
96 100
61 798.4 134.9 250.5#
63 6533.7 117.6 218.4#

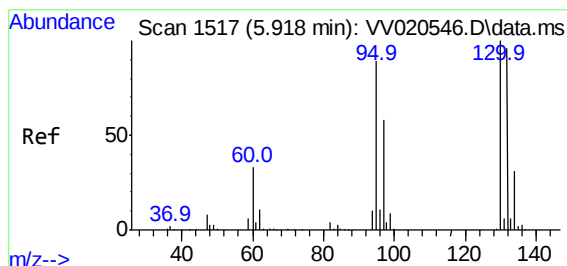
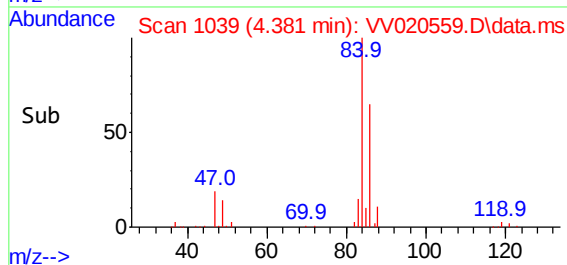
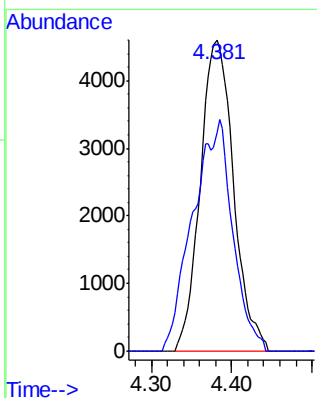
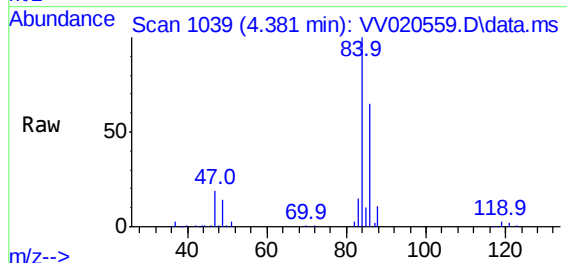




#25
Chloroform
Concen: 2.02 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VV020559.D
Acq: 12 Mar 2021 00:49

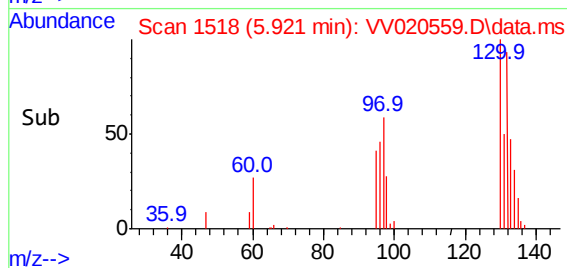
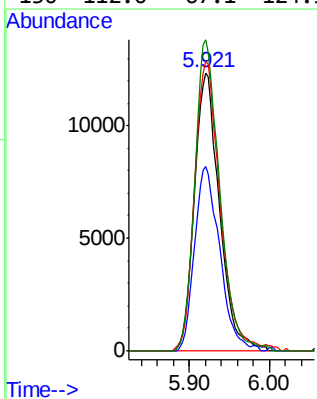
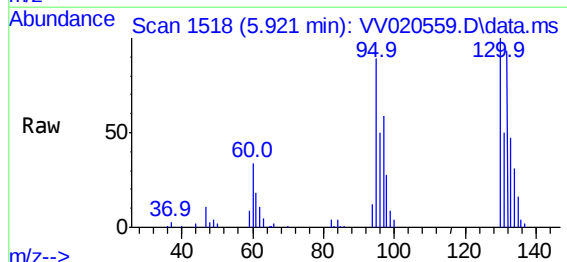
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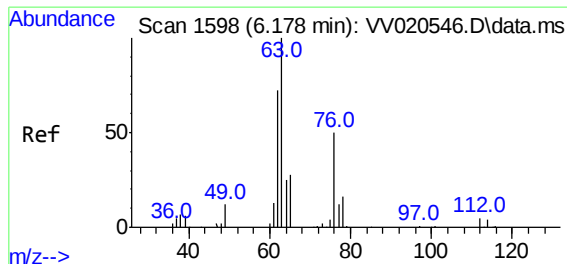
Tgt Ion: 83 Resp: 12900
Ion Ratio Lower Upper
83 100
85 70.1 44.2 82.2



#34
Trichloroethene
Concen: 6.66 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV020559.D
Acq: 12 Mar 2021 00:49

Tgt Ion: 95 Resp: 25948
Ion Ratio Lower Upper
95 100
97 66.2 44.5 82.7
132 104.3 63.4 117.8
130 112.0 67.1 124.5

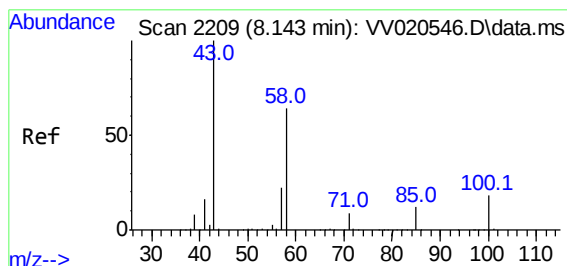
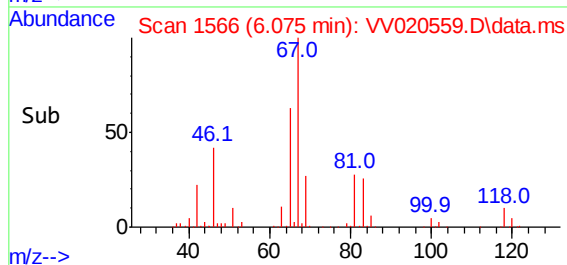
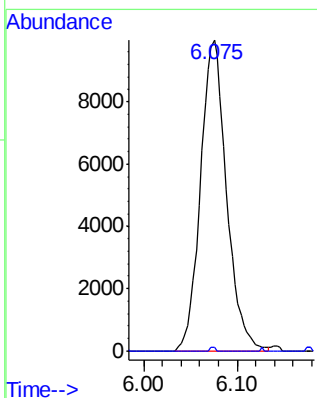
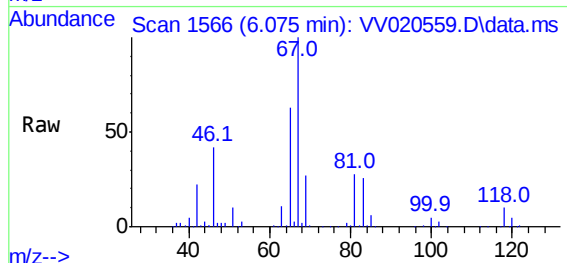




#37
1,2-Dichloropropane
Concen: 5.96 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.103 min
Lab File: VV020559.D
Acq: 12 Mar 2021 00:49

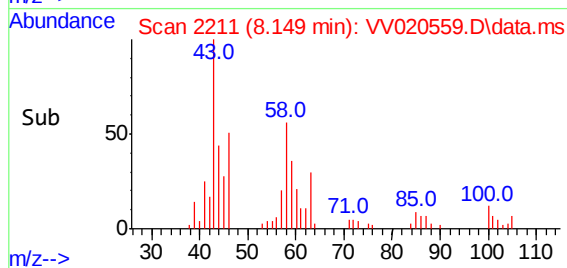
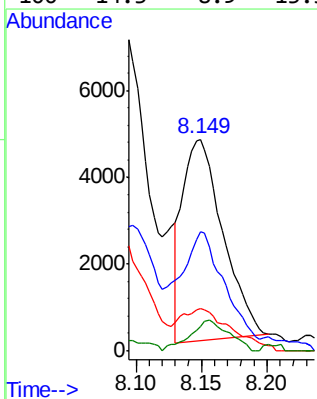
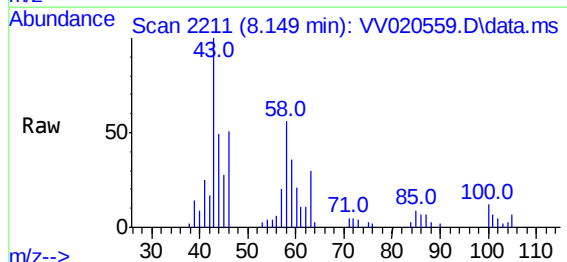
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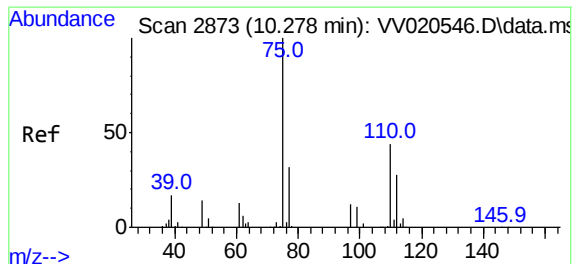
Tgt Ion: 63 Resp: 19407
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#



#48
2-Hexanone
Concen: 3.35 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.006 min
Lab File: VV020559.D
Acq: 12 Mar 2021 00:49

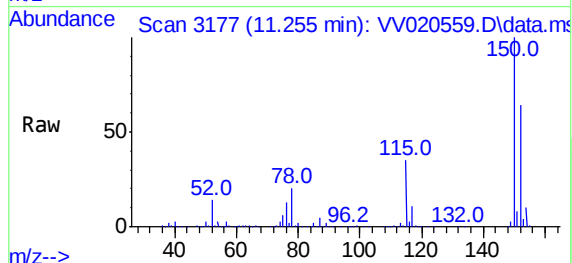
Tgt Ion: 43 Resp: 9856
Ion Ratio Lower Upper
43 100
58 47.5 41.8 62.6
57 1.6 15.0 22.4#
100 14.3 8.9 13.3#





#59
1,2,3-Trichloropropane
Concen: 5.24 ug/L
RT: 11.255 min Scan# 3177
Delta R.T. 0.977 min
Lab File: VV020559.D
Acq: 12 Mar 2021 00:49

Instrument :
MSVOA_V
ClientSampleId :
C0B85



Tgt Ion: 75 Resp: 22989
Ion Ratio Lower Upper
75 100
77 37.9 25.4 38.0

