

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012221\
 Data File : VW020136.D
 Acq On : 22 Jan 2021 15:28
 Operator : SY/MD
 Sample : M1181-17
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E44

Quant Time: Jan 23 00:15:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 23 00:14:09 2021
 Response via : Initial Calibration

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

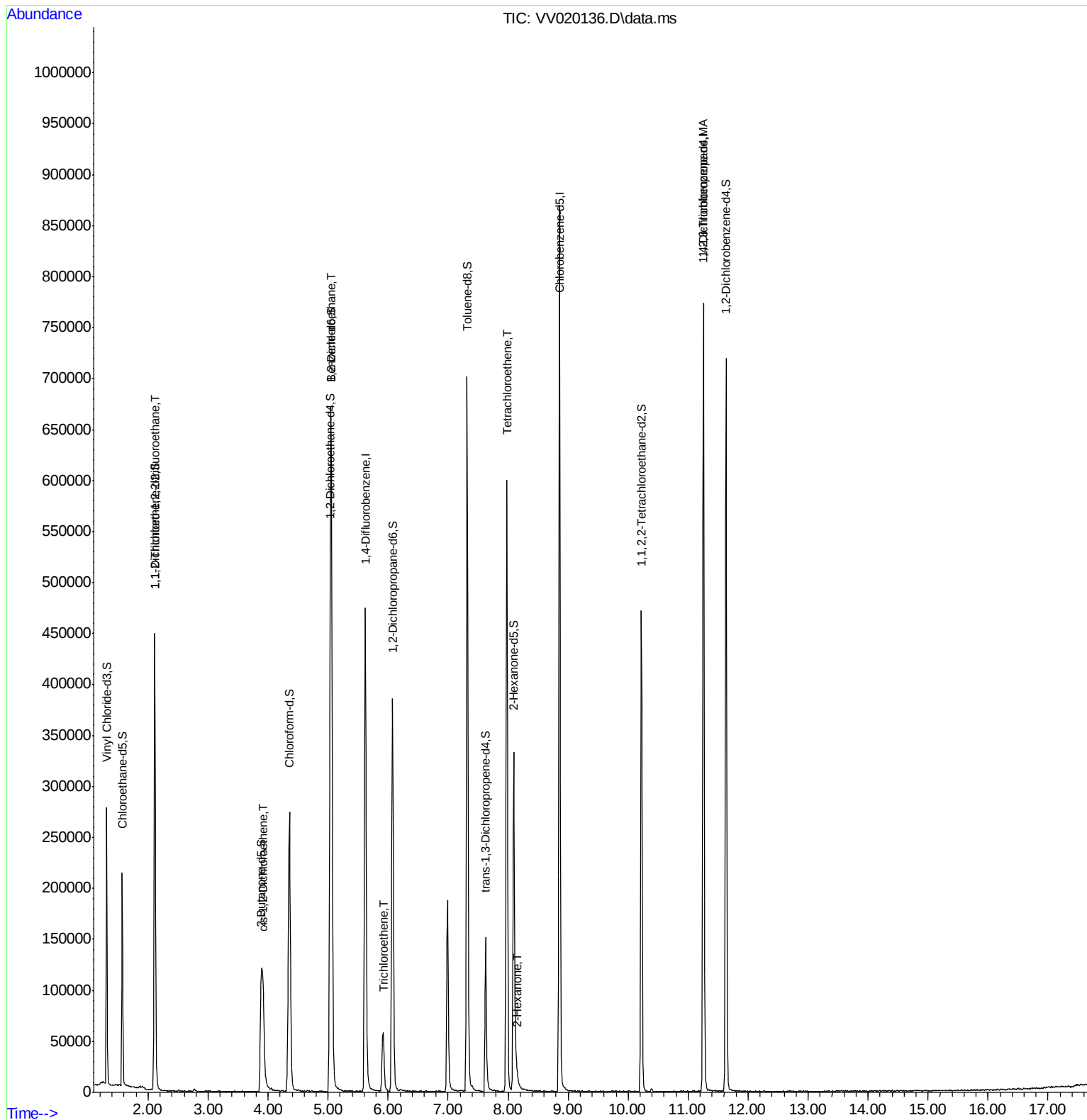
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	382005	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	442351	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	183019	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	160954	56.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	113.62%		
7) Chloroethane-d5	1.569	69	126119	53.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	106.36%		
11) 1,1-Dichloroethene-d2	2.109	63	238476	42.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.28%		
21) 2-Butanone-d5	3.884	46	180150	92.71	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.71%		
24) Chloroform-d	4.354	84	277705	52.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.66%		
26) 1,2-Dichloroethane-d4	5.035	65	200347	54.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	108.92%		
32) Benzene-d6	5.051	84	556827	45.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.42%		
36) 1,2-Dichloropropane-d6	6.074	67	176496	45.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.78%		
41) Toluene-d8	7.318	98	434217	38.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.62%#		
43) trans-1,3-Dichloroprop...	7.624	79	82823	44.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.02%		
47) 2-Hexanone-d5	8.090	63	102022	63.82	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	63.82%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	214219	40.69	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	81.38%		
64) 1,2-Dichlorobenzene-d4	11.630	152	168002	48.85	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.70%		
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.109	101	2124	0.79	ug/L #	23
20) cis-1,2-Dichloroethene	3.913	96	39255	14.20	ug/L	97
27) 1,2-Dichloroethane	5.051	62	3983	0.90	ug/L	97
34) Trichloroethene	5.923	95	13607	3.62	ug/L	96
46) Tetrachloroethene	7.977	164	119897	42.74	ug/L	99
48) 2-Hexanone	8.154	43	7617	1.89	ug/L #	42
59) 1,2,3-Trichloropropane	11.254	75	24990	5.45	ug/L	96

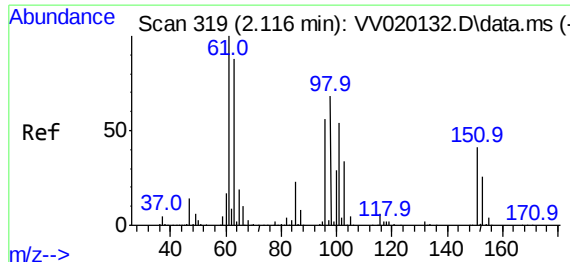
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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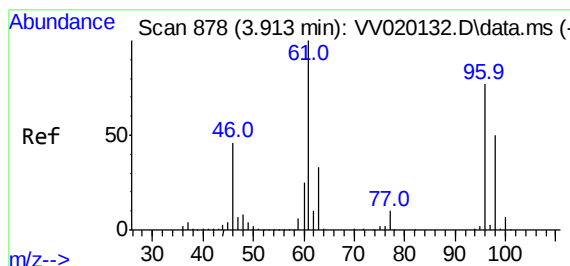
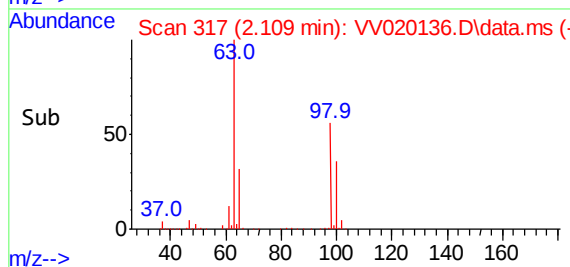
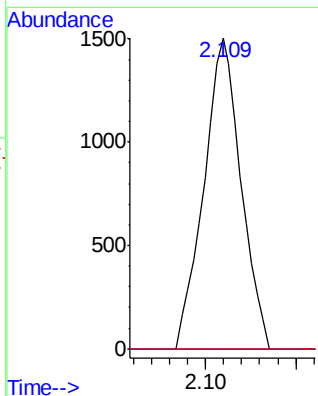
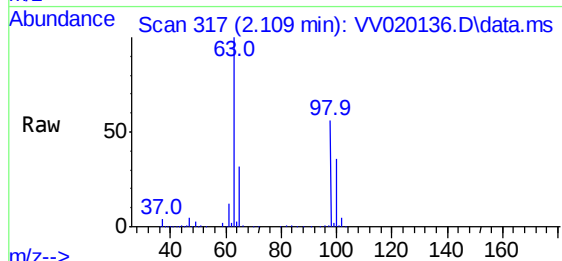




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.79 ug/L
RT: 2.109 min Scan# 317
Delta R.T. -0.007 min
Lab File: VV020136.D
Acq: 22 Jan 2021 15:28

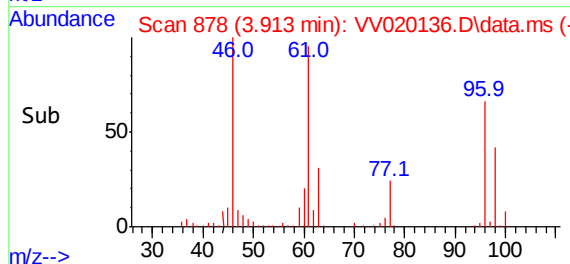
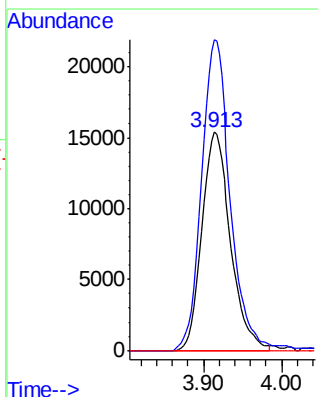
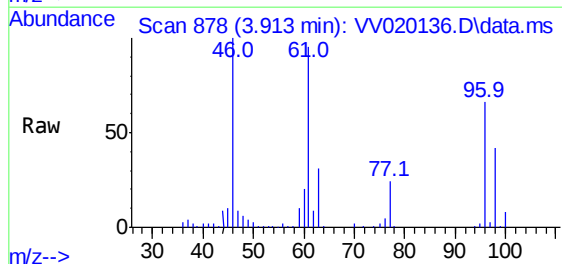
Instrument :
MSVOA_V
ClientSampleId :
F1E44

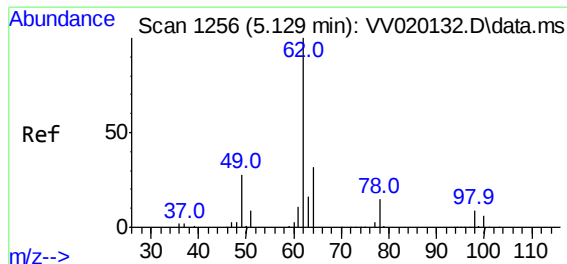
Tgt Ion:101 Resp: 2124
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 53.6 80.4#



#20
cis-1,2-Dichloroethene
Concen: 14.20 ug/L
RT: 3.913 min Scan# 878
Delta R.T. -0.000 min
Lab File: VV020136.D
Acq: 22 Jan 2021 15:28

Tgt Ion: 96 Resp: 39255
Ion Ratio Lower Upper
96 100
61 142.5 96.9 179.9
68 0.0 0.0 0.0

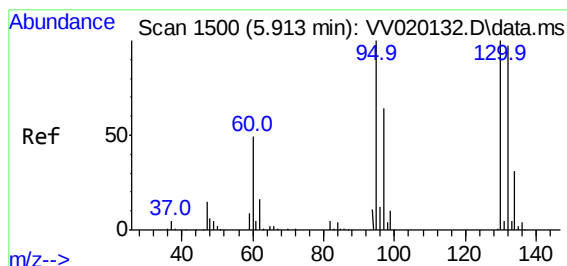
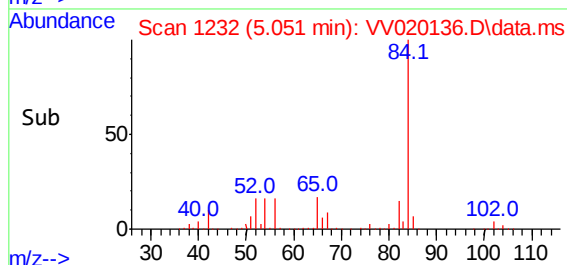
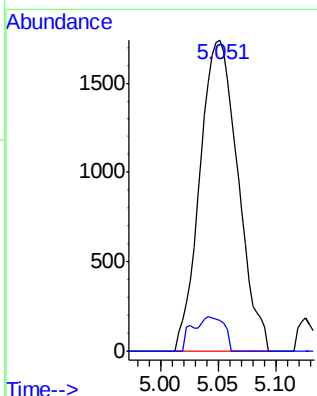
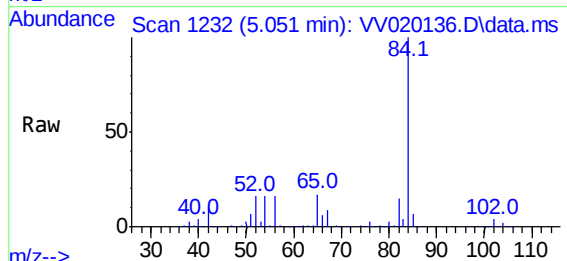




#27
1,2-Dichloroethane
Concen: 0.90 ug/L
RT: 5.051 min Scan# 1232
Delta R.T. -0.077 min
Lab File: VV020136.D
Acq: 22 Jan 2021 15:28

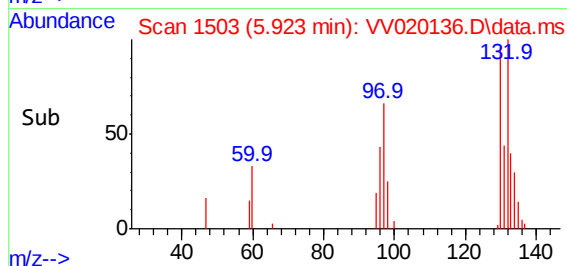
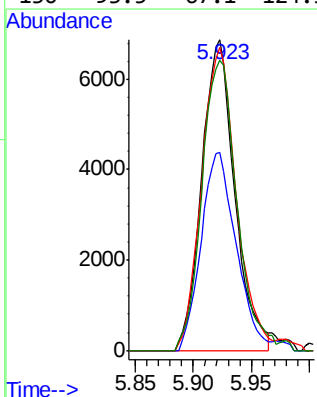
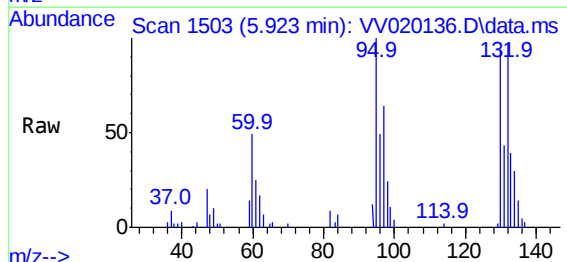
Instrument :
MSVOA_V
ClientSampled :
F1E44

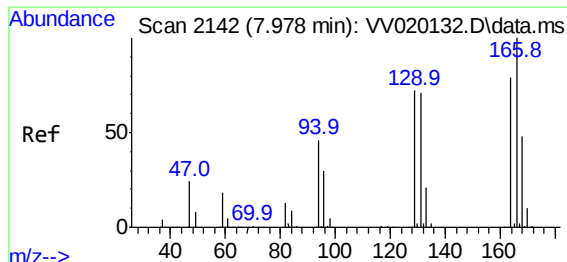
Tgt Ion: 62 Resp: 3983
Ion Ratio Lower Upper
62 100
98 9.7 6.9 10.3



#34
Trichloroethene
Concen: 3.62 ug/L
RT: 5.923 min Scan# 1503
Delta R.T. 0.009 min
Lab File: VV020136.D
Acq: 22 Jan 2021 15:28

Tgt Ion: 95 Resp: 13607
Ion Ratio Lower Upper
95 100
97 63.9 44.5 82.7
132 97.4 63.4 117.8
130 93.5 67.1 124.5

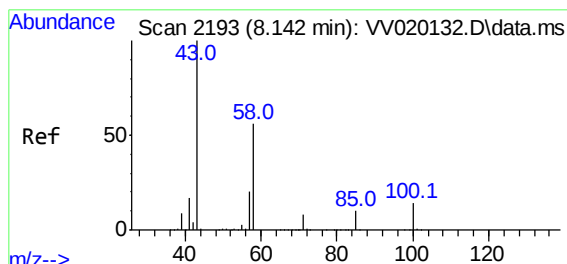
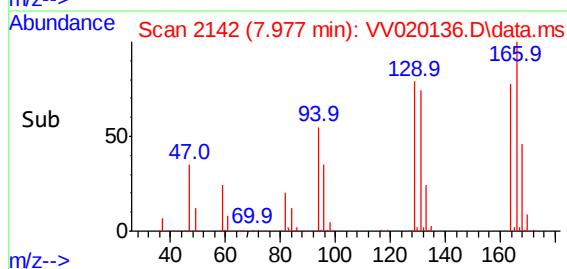
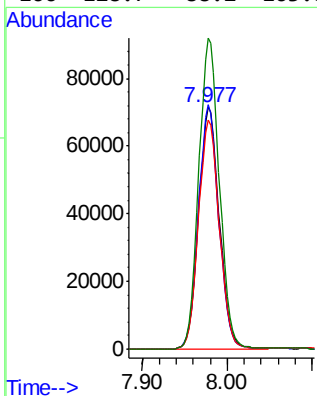
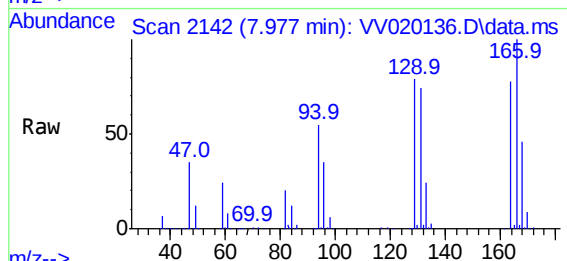




#46
Tetrachloroethene
Concen: 42.74 ug/L
RT: 7.977 min Scan# 2142
Delta R.T. -0.000 min
Lab File: VV020136.D
Acq: 22 Jan 2021 15:28

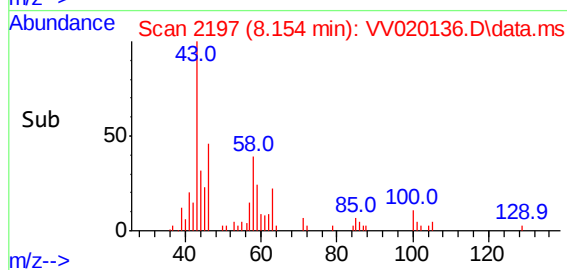
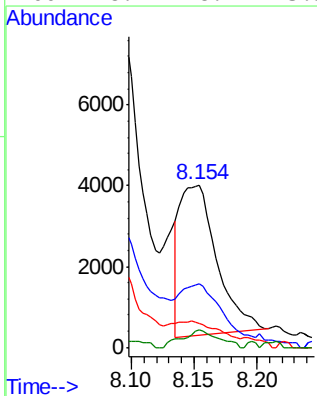
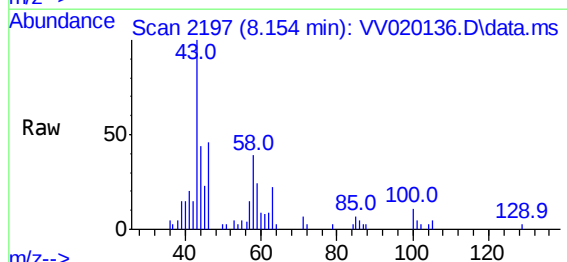
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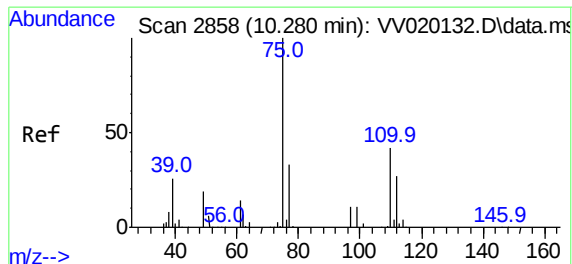
Tgt Ion:164 Resp: 119897
Ion Ratio Lower Upper
164 100
129 101.4 70.6 131.0
131 95.0 66.8 124.0
166 128.7 88.2 163.8



#48
2-Hexanone
Concen: 1.89 ug/L
RT: 8.154 min Scan# 2197
Delta R.T. 0.013 min
Lab File: VV020136.D
Acq: 22 Jan 2021 15:28

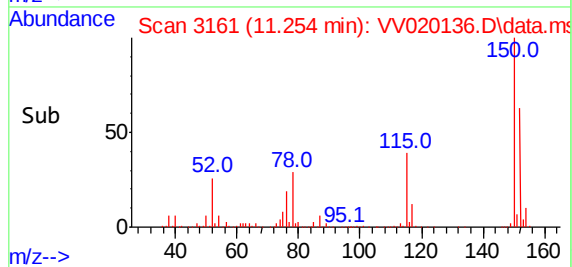
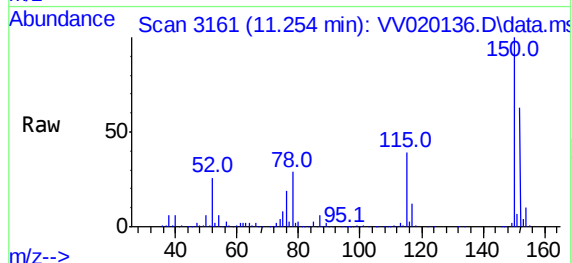
Tgt Ion: 43 Resp: 7617
Ion Ratio Lower Upper
43 100
58 0.0 41.8 62.6#
57 0.0 15.0 22.4#
100 8.7 8.9 13.3#





#59
 1,2,3-Trichloropropane
 Concen: 5.45 ug/L
 RT: 11.254 min Scan# 3161
 Delta R.T. 0.974 min
 Lab File: VV020136.D
 Acq: 22 Jan 2021 15:28

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E44



Tgt Ion: 75 Resp: 24990
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.4 38.0

