

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031121\
 Data File : VV020512.D
 Acq On : 10 Mar 2021 21:50
 Operator : SY/MD
 Sample : M1632-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B56

Quant Time: Mar 11 00:54:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM030521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 11 00:50:19 2021
 Response via : Initial Calibration

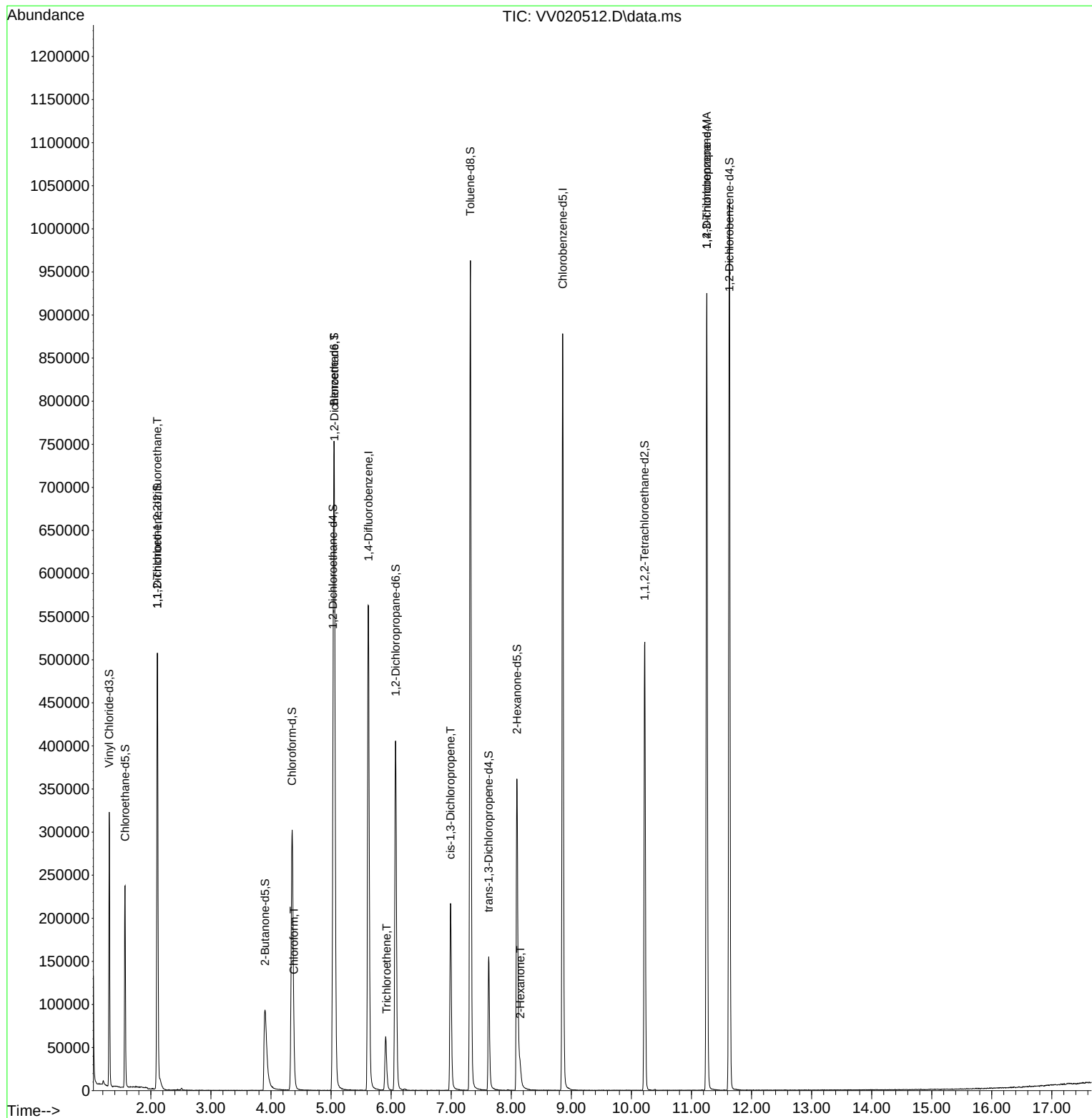
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	526466	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.857	117	519157	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	256005	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	200360	51.92	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	103.84%	
7) Chloroethane-d5	1.571	69	155614	52.07	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	104.14%	
11) 1,1-Dichloroethene-d2	2.108	63	251277	38.64	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	77.28%	
21) 2-Butanone-d5	3.902	46	184840	94.58	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	94.58%	
24) Chloroform-d	4.352	84	324324	48.61	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.22%	
26) 1,2-Dichloroethane-d4	5.034	65	207658	50.65	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.30%	
32) Benzene-d6	5.053	84	690858	52.75	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	105.50%	
36) 1,2-Dichloropropane-d6	6.075	67	201648	50.94	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	101.88%	
41) Toluene-d8	7.320	98	651475	51.44	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	102.88%	
43) trans-1,3-Dichloroprop...	7.625	79	93861	49.80	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	99.60%	
47) 2-Hexanone-d5	8.095	63	126238	89.16	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	89.16%	
57) 1,1,2,2-Tetrachloroeth...	10.220	84	241899	46.12	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	92.24%	
64) 1,2-Dichlorobenzene-d4	11.631	152	288354	57.53	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	115.06%	
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	2523	0.74	ug/L	# 23
25) Chloroform	4.381	83	11897	1.80	ug/L	# 71
27) 1,2-Dichloroethane	5.056	62	3430	0.71	ug/L	98
34) Trichloroethene	5.924	95	3547	0.87	ug/L	# 75
39) cis-1,3-Dichloropropene	6.989	75	5962	1.15	ug/L	# 61
48) 2-Hexanone	8.149	43	12718	4.16	ug/L	95
59) 1,2,3-Trichloropropane	11.255	75	24012	5.26	ug/L	91

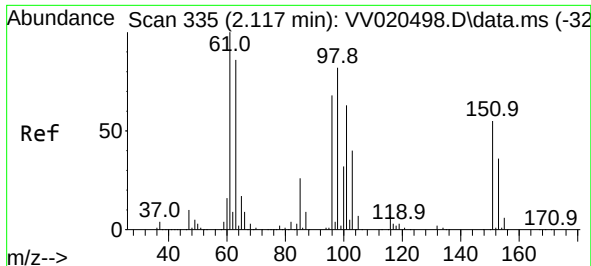
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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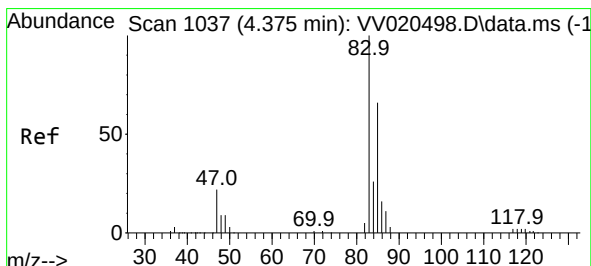
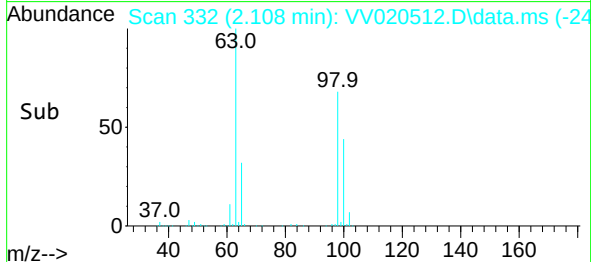
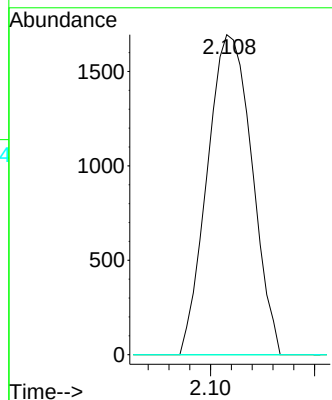
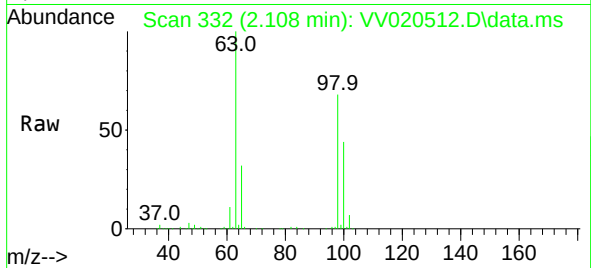




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.74 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.010 min
Lab File: VV020512.D
Acq: 10 Mar 2021 21:50

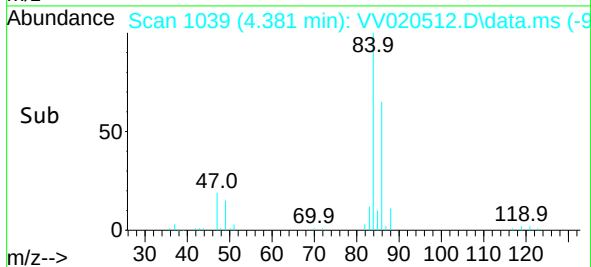
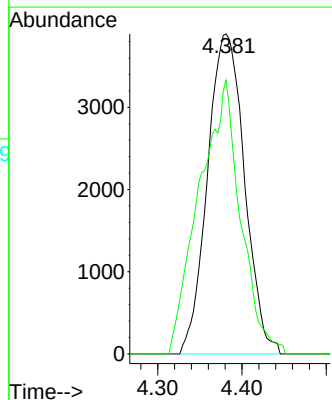
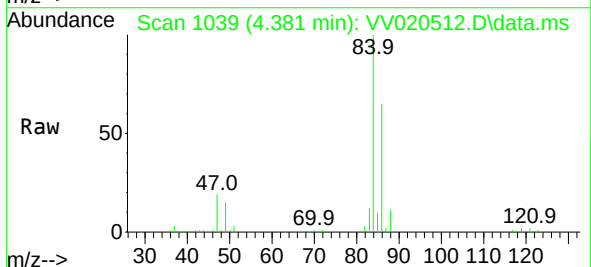
Instrument :
MSVOA_V
ClientSampleId :
C0B56

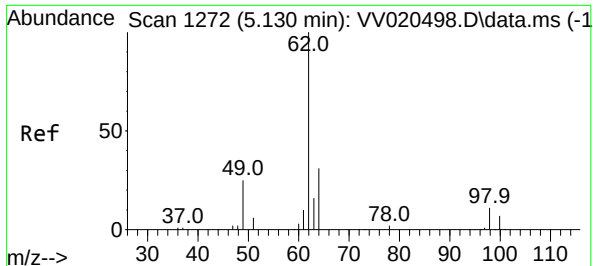
Tgt Ion:101 Resp: 2523
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 53.6 80.4#



#25
Chloroform
Concen: 1.80 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VV020512.D
Acq: 10 Mar 2021 21:50

Tgt Ion: 83 Resp: 11897
Ion Ratio Lower Upper
83 100
85 85.5 44.2 82.2#





#27

1,2-Dichloroethane

Concen: 0.71 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. -0.074 min

Lab File: VV020512.D

Acq: 10 Mar 2021 21:50

Tgt Ion: 62 Resp: 3430

Ion Ratio Lower Upper

62 100

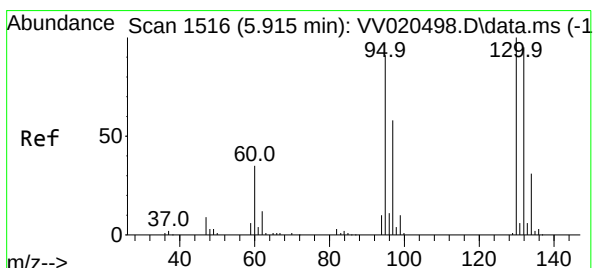
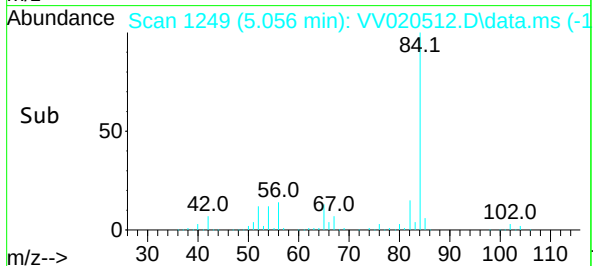
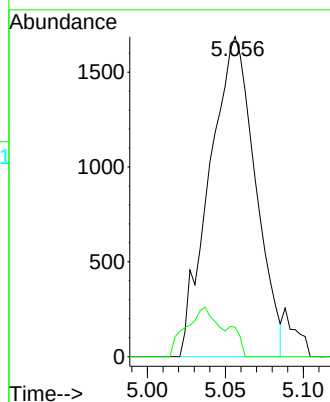
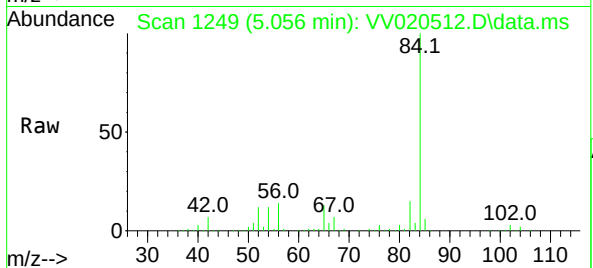
98 9.2 6.9 10.3

Instrument :

MSVOA_V

ClientSampled :

C0B56



#34

Trichloroethene

Concen: 0.87 ug/L

RT: 5.924 min Scan# 1519

Delta R.T. 0.010 min

Lab File: VV020512.D

Acq: 10 Mar 2021 21:50

Tgt Ion: 95 Resp: 3547

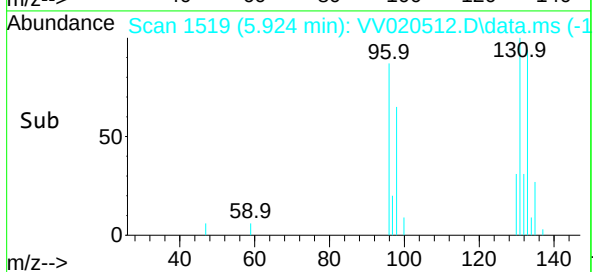
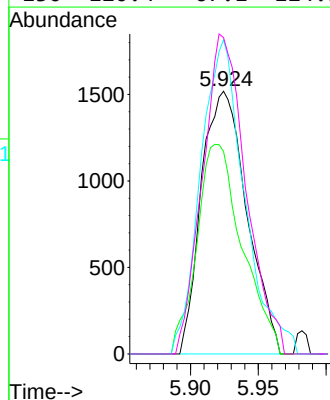
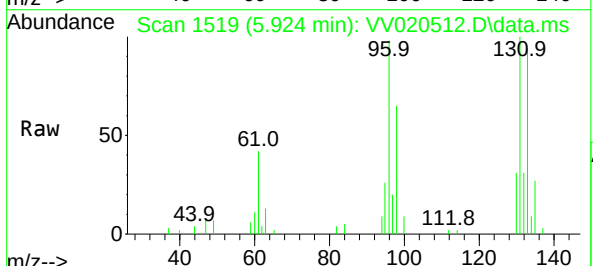
Ion Ratio Lower Upper

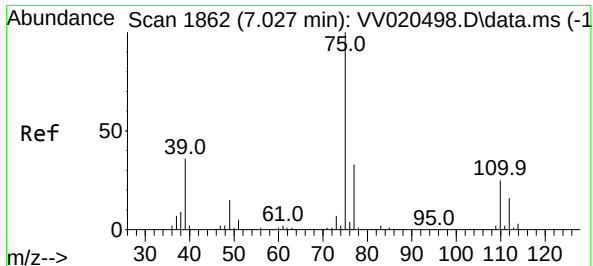
95 100

97 77.0 44.5 82.7

132 119.6 63.4 117.8#

130 120.4 67.1 124.5



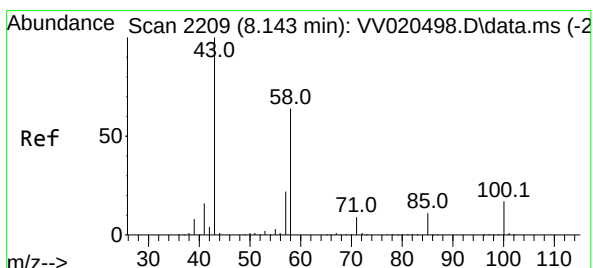
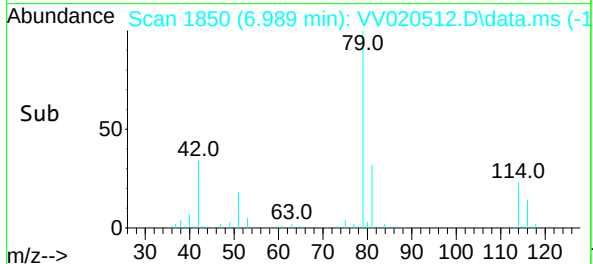
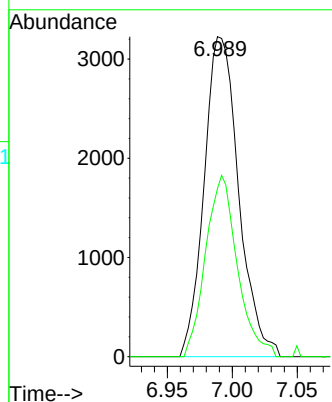
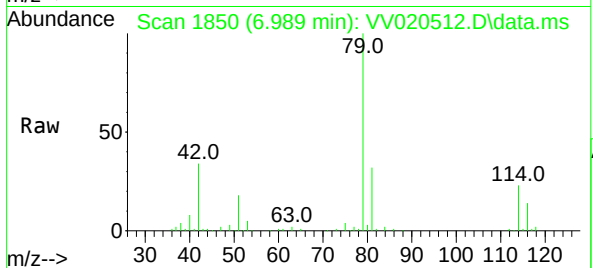


#39

cis-1,3-Dichloropropene
Concen: 1.15 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV020512.D
Acq: 10 Mar 2021 21:50

Instrument :
MSVOA_V
ClientSampleId :
C0B56

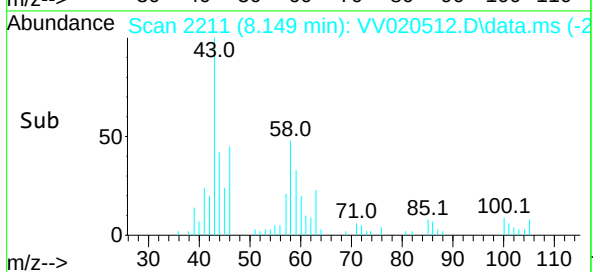
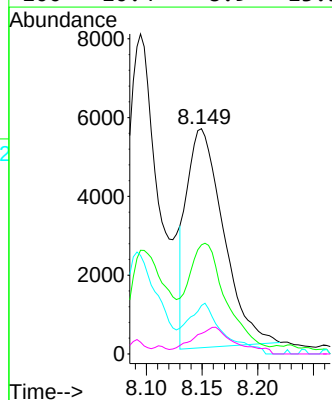
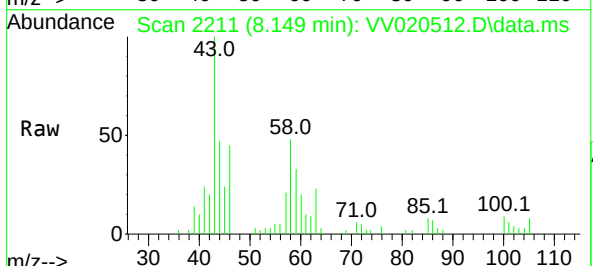
Tgt Ion: 75 Resp: 5962
Ion Ratio Lower Upper
75 100
77 52.6 21.8 40.6#

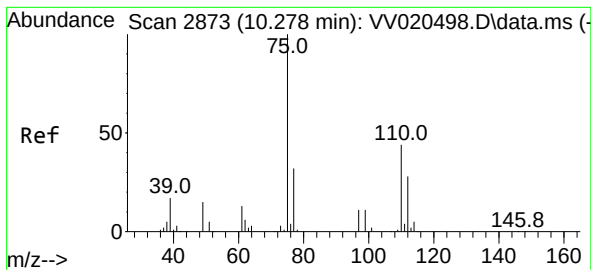


#48

2-Hexanone
Concen: 4.16 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.006 min
Lab File: VV020512.D
Acq: 10 Mar 2021 21:50

Tgt Ion: 43 Resp: 12718
Ion Ratio Lower Upper
43 100
58 49.6 41.8 62.6
57 22.4 15.0 22.4
100 10.4 8.9 13.3





#59
 1,2,3-Trichloropropane
 Concen: 5.26 ug/L
 RT: 11.255 min Scan# 3177
 Delta R.T. 0.977 min
 Lab File: VV020512.D
 Acq: 10 Mar 2021 21:50

Instrument :
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 ClientSampleId :
 C0B56

Tgt Ion: 75 Resp: 24012
 Ion Ratio Lower Upper
 75 100
 77 36.7 25.4 38.0

