

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031221\
 Data File : VW020552.D
 Acq On : 11 Mar 2021 22:03
 Operator : SY/MD
 Sample : M1633-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B71

Quant Time: Mar 12 07:56:11 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

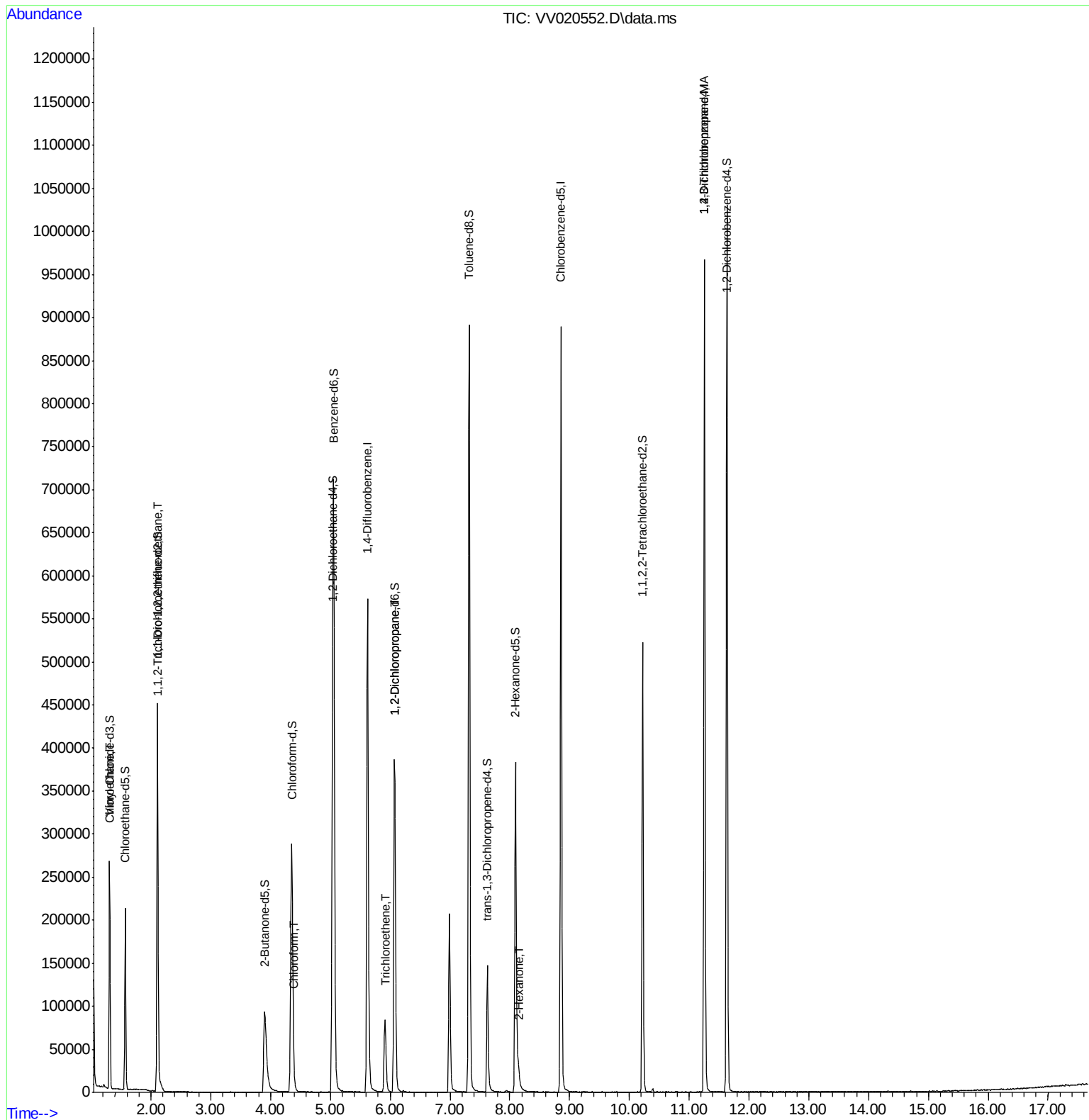
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	542526	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.857	117	531159	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	272923	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	171128	43.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.08%
7) Chloroethane-d5	1.571	69	138355	44.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.84%
11) 1,1-Dichloroethene-d2	2.111	63	225200	33.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.22%
21) 2-Butanone-d5	3.902	46	190111	94.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.40%
24) Chloroform-d	4.352	84	309940	45.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.16%
26) 1,2-Dichloroethane-d4	5.037	65	200176	47.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.76%
32) Benzene-d6	5.053	84	656344	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.98%
36) 1,2-Dichloropropane-d6	6.072	67	194610	48.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.10%
41) Toluene-d8	7.320	98	617764	47.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.36%
43) trans-1,3-Dichloroprop...	7.625	79	91581	47.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.98%
47) 2-Hexanone-d5	8.095	63	132974	91.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.80%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	242767	45.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.48%
64) 1,2-Dichlorobenzene-d4	11.632	152	292939	54.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.64%
Target Compounds						
8) Chloroethane	1.310	64	2126	0.84	ug/L	# 1
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	2360	0.67	ug/L	# 23
25) Chloroform	4.384	83	12764	1.88	ug/L	98
34) Trichloroethene	5.921	95	14877	3.59	ug/L	90
37) 1,2-Dichloropropane	6.072	63	20794	6.00	ug/L	# 89
48) 2-Hexanone	8.146	43	10998	3.51	ug/L	# 44
59) 1,2,3-Trichloropropane	11.255	75	25206	5.40	ug/L	93

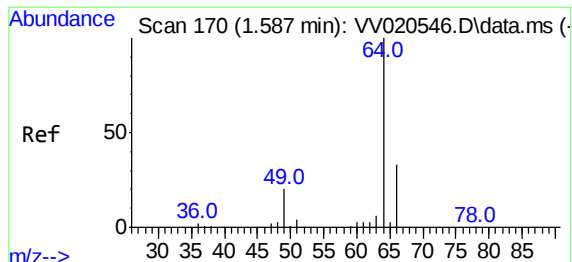
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Mar 12 07:54:21 2021
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.84 ug/L

RT: 1.310 min Scan# 84

Delta R.T. -0.276 min

Lab File: VV020552.D

Acq: 11 Mar 2021 22:03

Instrument :

MSVOA_V

ClientSampled :

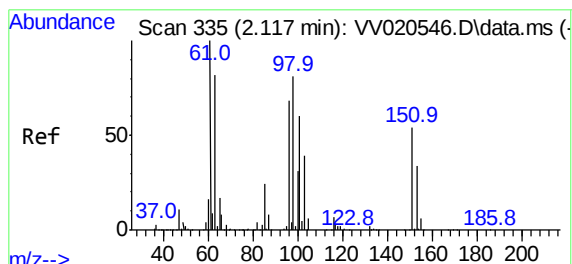
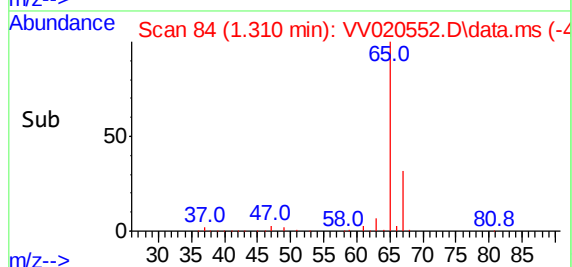
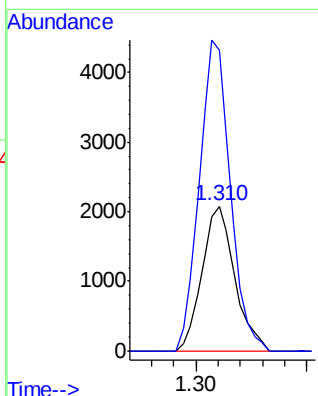
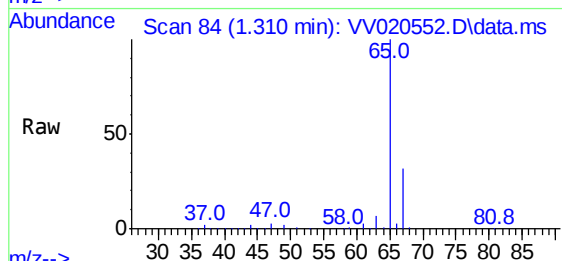
C0B71

Tgt Ion: 64 Resp: 2126

Ion Ratio Lower Upper

64 100

66 207.8 22.4 41.6#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.67 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.003 min

Lab File: VV020552.D

Acq: 11 Mar 2021 22:03

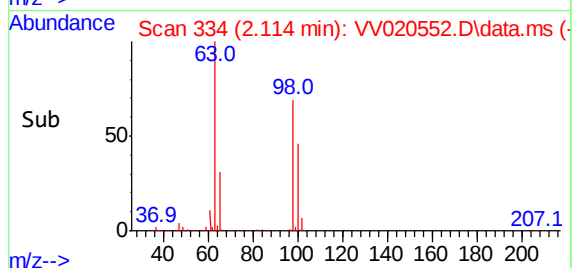
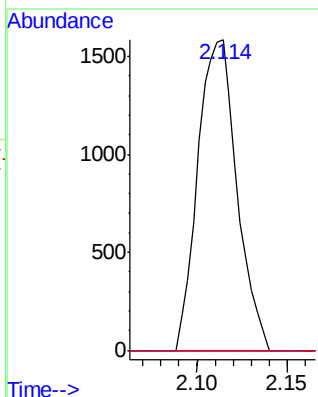
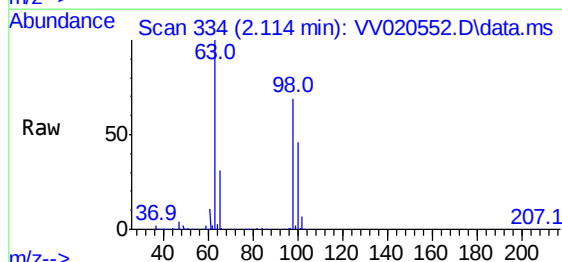
Tgt Ion:101 Resp: 2360

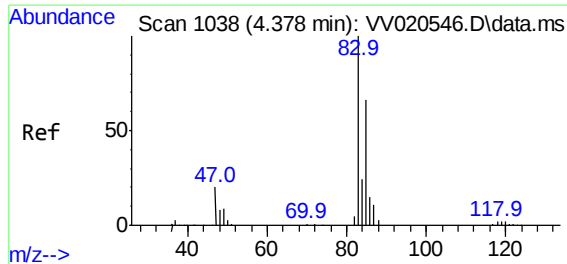
Ion Ratio Lower Upper

101 100

85 0.0 35.3 52.9#

151 0.0 53.6 80.4#

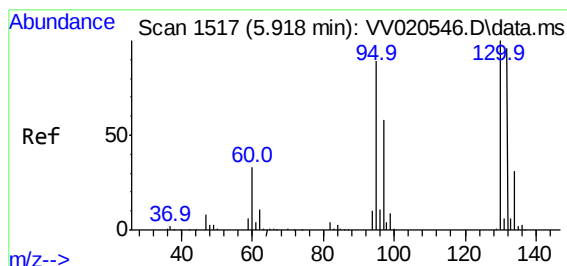
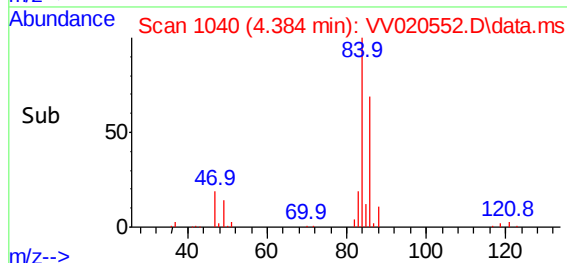
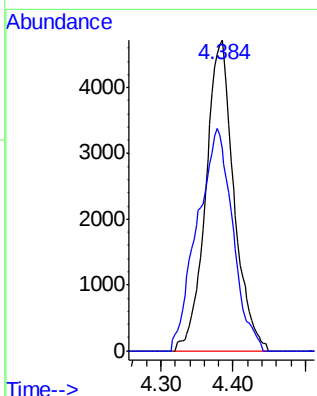
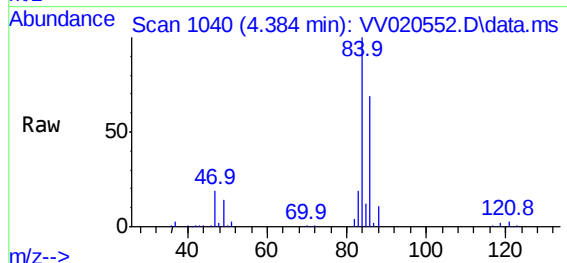




#25
Chloroform
Concen: 1.88 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VV020552.D
Acq: 11 Mar 2021 22:03

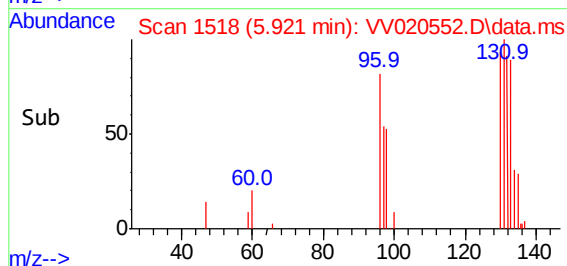
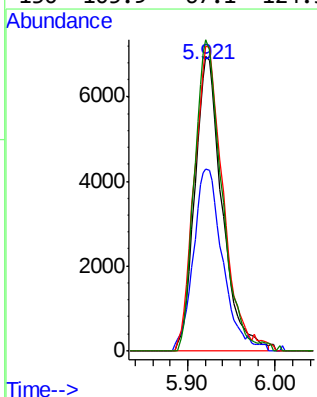
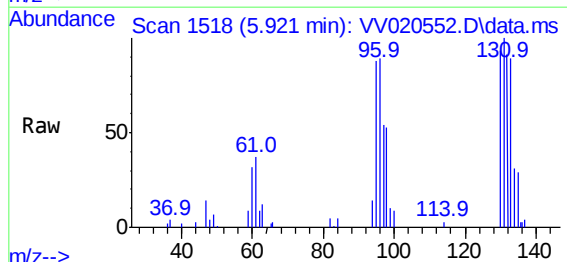
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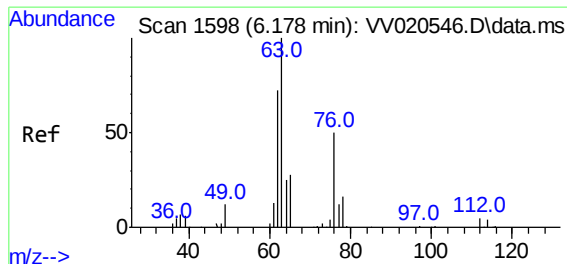
Tgt Ion: 83 Resp: 12764
Ion Ratio Lower Upper
83 100
85 64.9 44.2 82.2



#34
Trichloroethene
Concen: 3.59 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV020552.D
Acq: 11 Mar 2021 22:03

Tgt Ion: 95 Resp: 14877
Ion Ratio Lower Upper
95 100
97 61.9 44.5 82.7
132 103.8 63.4 117.8
130 105.9 67.1 124.5

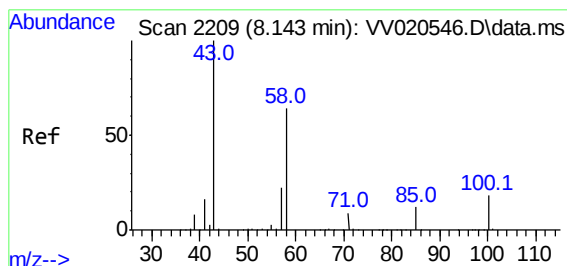
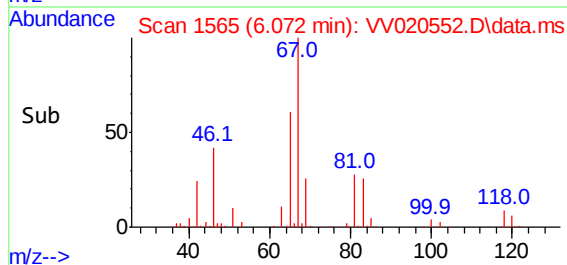
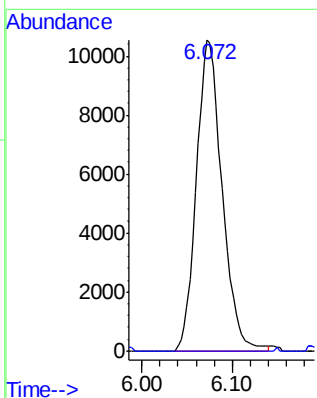
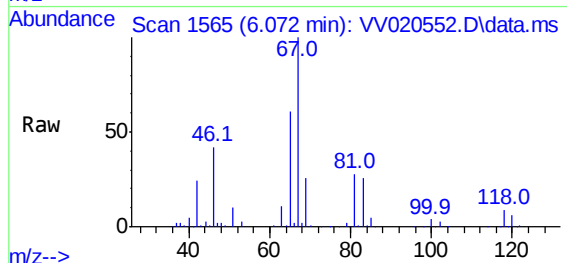




#37
1,2-Dichloropropane
Concen: 6.00 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.106 min
Lab File: VV020552.D
Acq: 11 Mar 2021 22:03

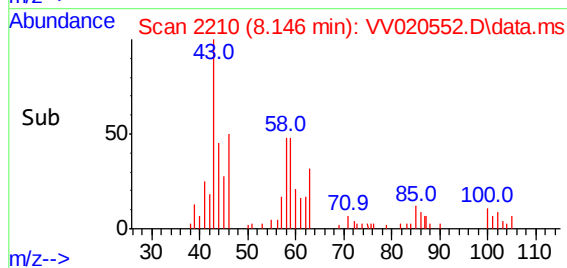
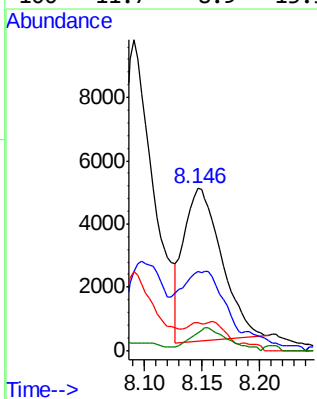
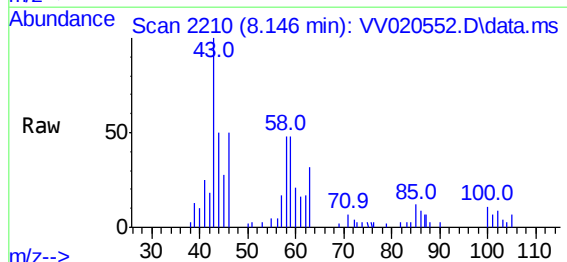
Instrument :
MSVOA_V
ClientSampled :
C0B71

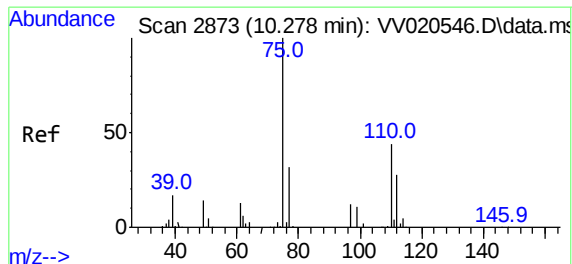
Tgt Ion: 63 Resp: 20794
Ion Ratio Lower Upper
63 100
112 0.4 3.3 4.9#



#48
2-Hexanone
Concen: 3.51 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VV020552.D
Acq: 11 Mar 2021 22:03

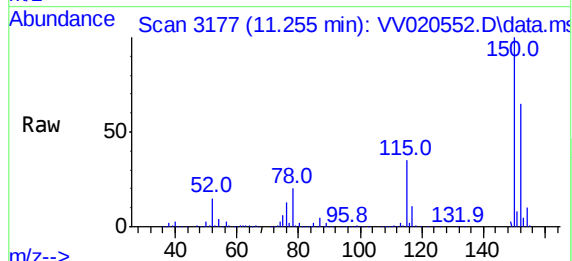
Tgt Ion: 43 Resp: 10998
Ion Ratio Lower Upper
43 100
58 0.0 41.8 62.6#
57 1.8 15.0 22.4#
100 11.7 8.9 13.3





#59
 1,2,3-Trichloropropane
 Concen: 5.40 ug/L
 RT: 11.255 min Scan# 3177
 Delta R.T. 0.978 min
 Lab File: VV020552.D
 Acq: 11 Mar 2021 22:03

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B71



Tgt Ion: 75 Resp: 25206
 Ion Ratio Lower Upper
 75 100
 77 35.6 25.4 38.0

