

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081320\
 Data File : VV017979.D
 Acq On : 13 Aug 2020 19:01
 Operator : SY/MD
 Sample : L3665-11 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L77

Quant Time: Aug 14 04:17:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 14 04:14:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	257174	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	251010	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	124952	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	75254	38.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.70%
7) Chloroethane-d5	1.58	69	65879	41.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.08%
11) 1,1-Dichloroethene-d2	2.12	63	121408	32.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.70%
21) 2-Butanone-d5	3.91	46	121180	94.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.29%
24) Chloroform-d	4.37	84	156271	43.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.50%
26) 1,2-Dichloroethane-d4	5.06	65	109854	47.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.70%
32) Benzene-d6	5.07	84	322024	46.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.10%
36) 1,2-Dichloropropane-d6	6.09	67	106720	47.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.38%
41) Toluene-d8	7.34	98	283467	45.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.14%
43) trans-1,3-Dichloropropene-	7.64	79	47056	45.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.74%
47) 2-Hexanone-d5	8.11	63	63764	87.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.86%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	135916	46.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.30%
64) 1,2-Dichlorobenzene-d4	11.65	152	124020	50.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.86%

Target Compounds

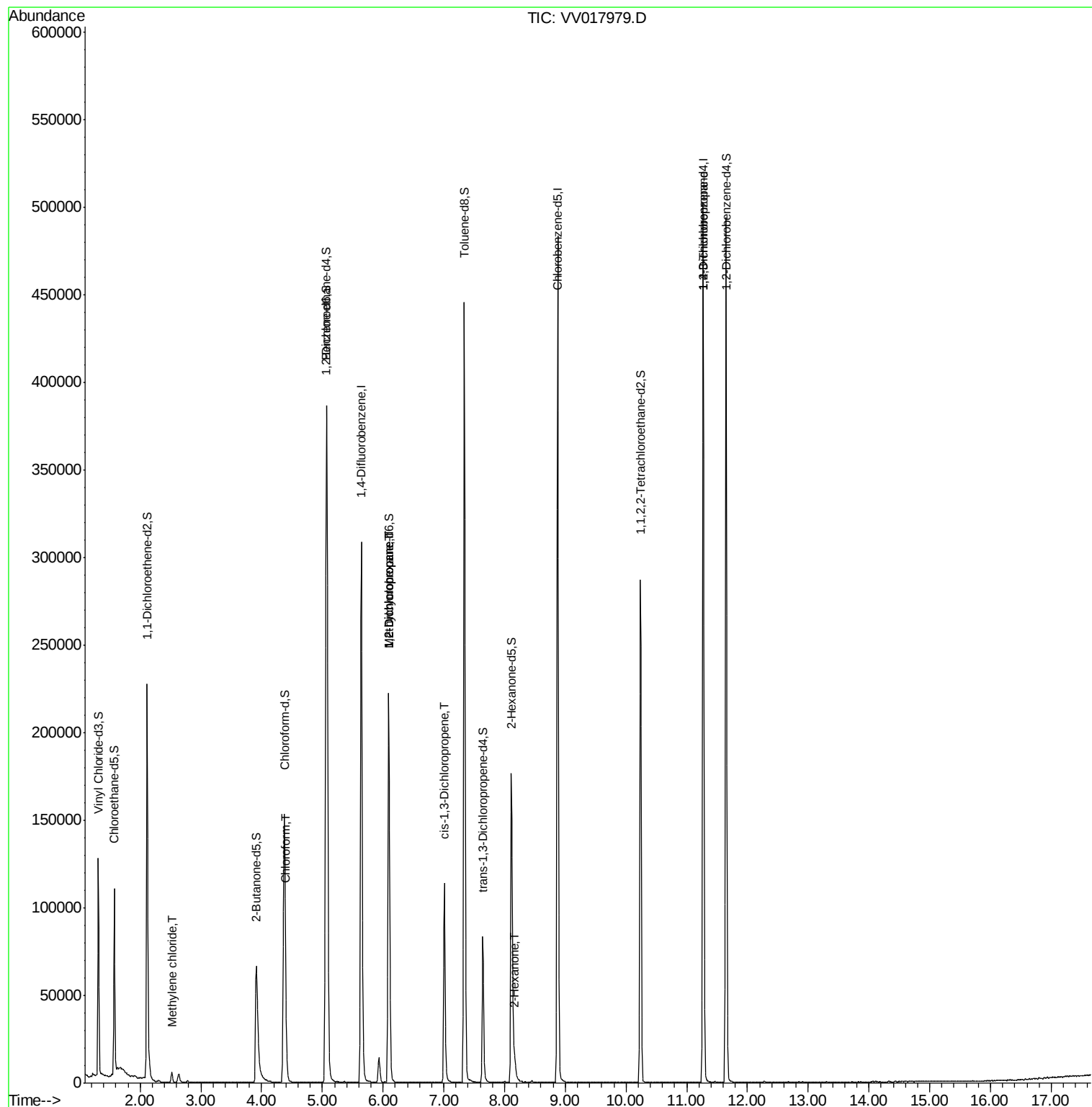
					Ovalue
16) Methylene chloride	2.52	84	2305	1.049 ug/L	88
25) Chloroform	4.40	83	6571	1.807 ug/L	95
35) Methylcyclohexane	6.09	83	25106	8.225 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	11849	5.595 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2872	0.957 ug/L #	73
48) 2-Hexanone	8.17	43	7561	3.387 ug/L #	53
59) 1,2,3-Trichloropropane	11.27	75	15090	5.769 ug/L	96

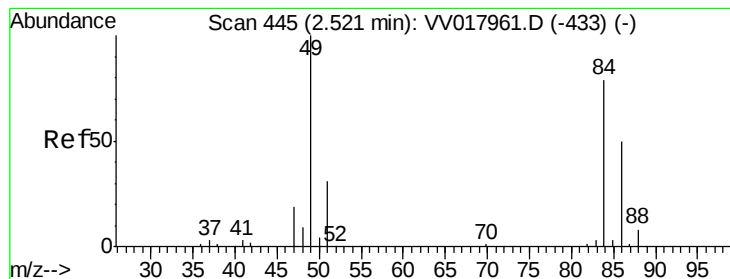
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#16

Methylene chloride

Concen: 1.049 ug/L

RT: 2.52 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV017979.D

Acq: 13 Aug 2020 19:01

Instrument :

MSVOA_V

ClientSampled :

F4L77

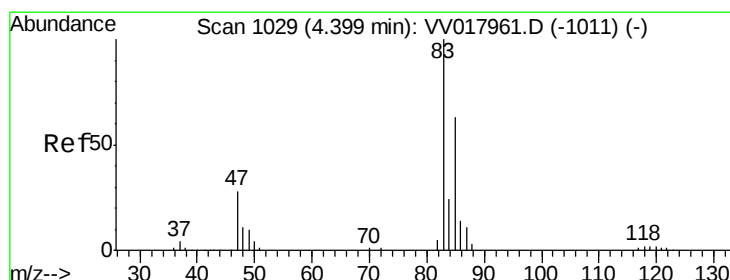
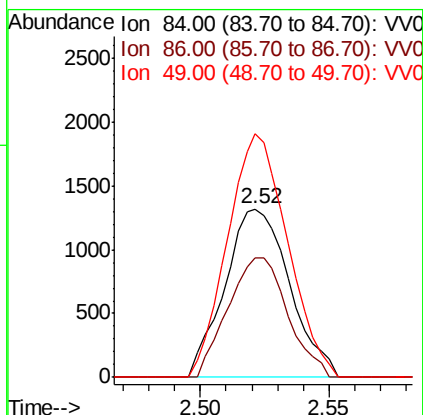
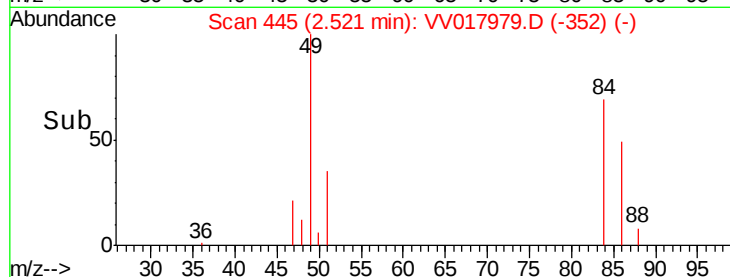
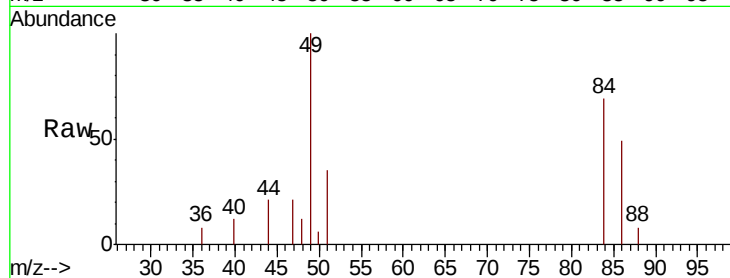
Tot Ion: 84 Resp: 2305

Ion Ratio Lower Upper

84 100

86 71.0 46.3 85.9

49 144.7 89.7 166.5



#25

Chloroform

Concen: 1.807 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV017979.D

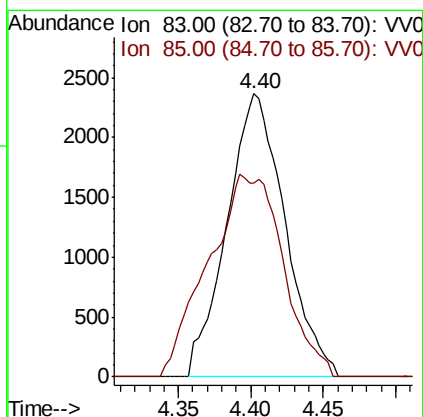
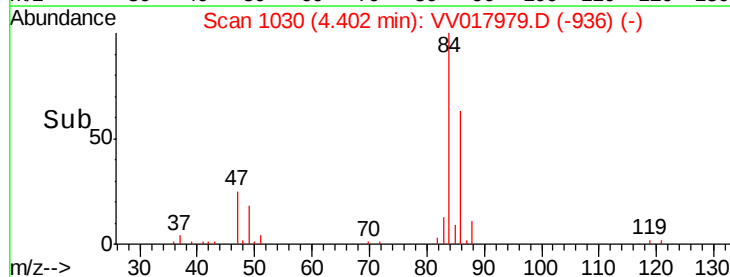
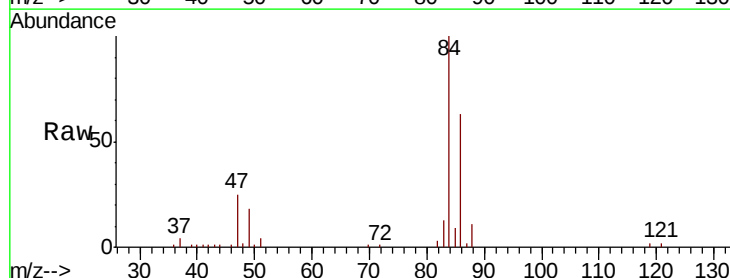
Acq: 13 Aug 2020 19:01

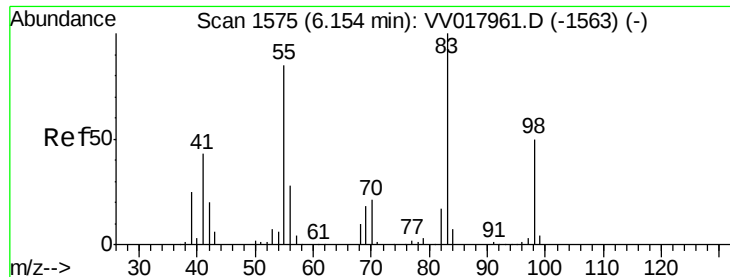
Tgt Ion: 83 Resp: 6571

Ion Ratio Lower Upper

83 100

85 68.7 45.5 84.5

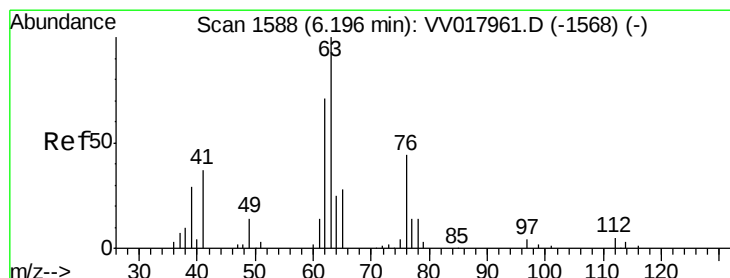
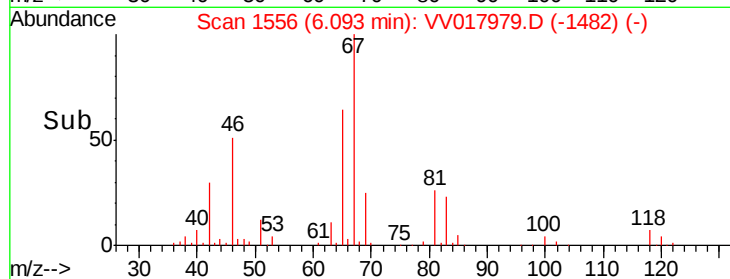
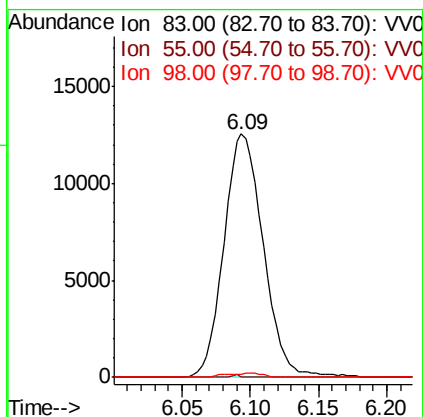
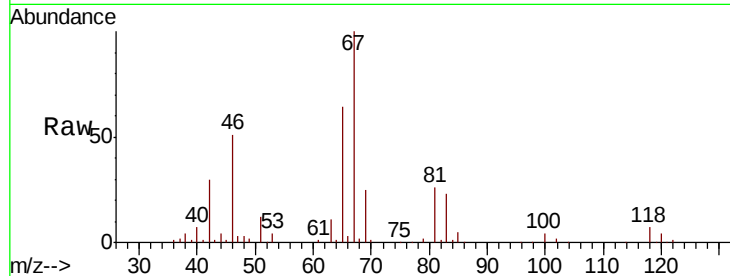




#35
Methvlcvclohexane
Concen: 8.225 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017979.D
Acq: 13 Aug 2020 19:01

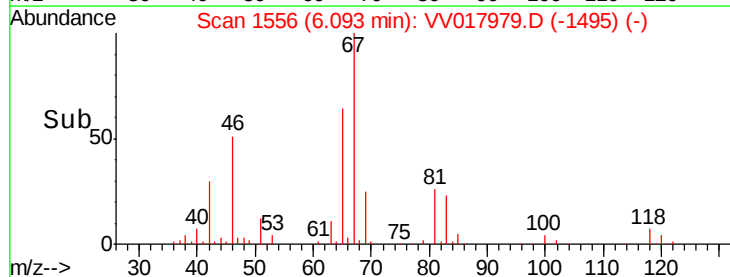
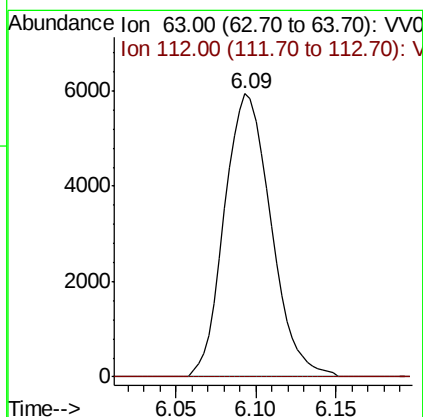
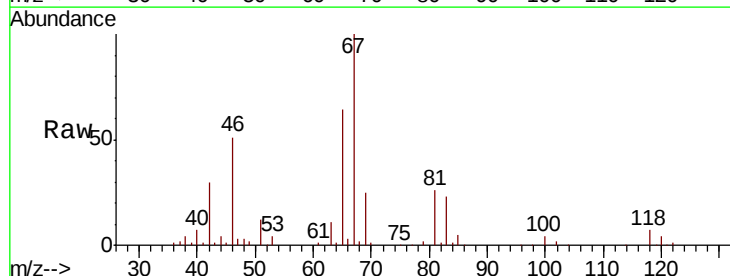
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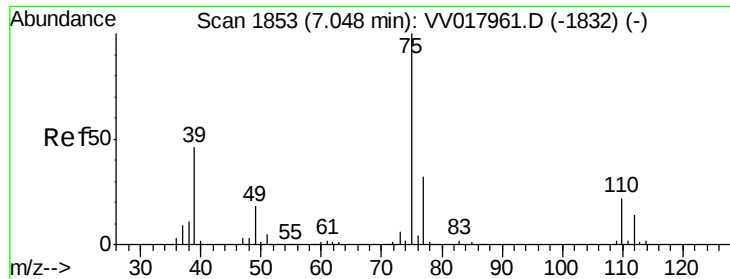
Tot Ion: 83 Resp: 25106
Ion Ratio Lower Upper
83 100
55 0.2 64.9 97.3#
98 1.0 38.7 58.1#



#37
1,2-Dichloropropane
Concen: 5.595 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV017979.D
Acq: 13 Aug 2020 19:01

Tgt Ion: 63 Resp: 11849
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

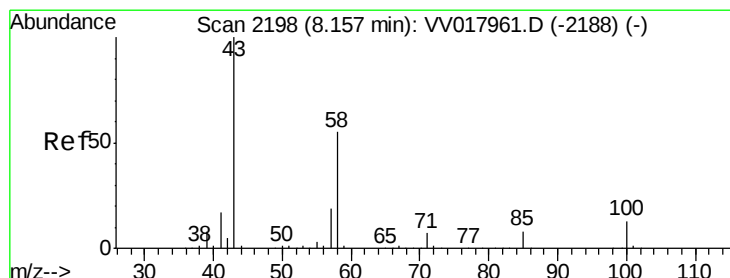
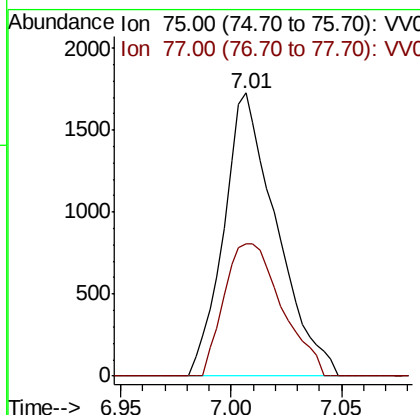
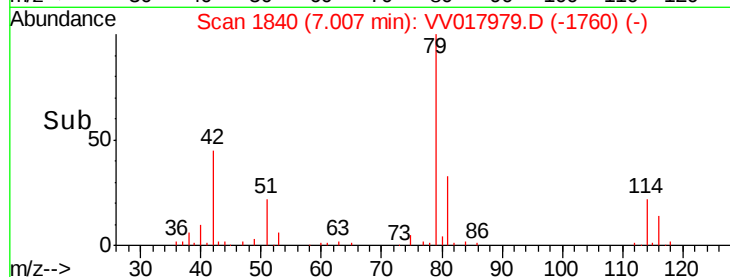
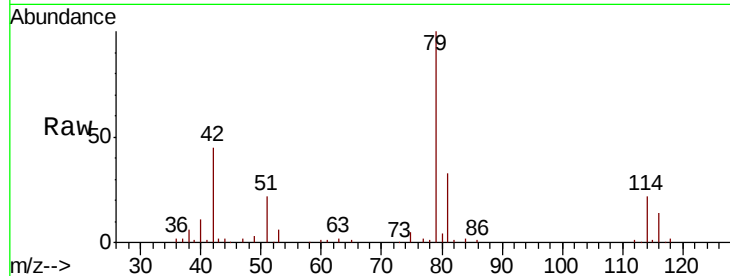




#39
 cis-1,3-Dichloropropene
 Concen: 0.957 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV017979.D
 Acq: 13 Aug 2020 19:01

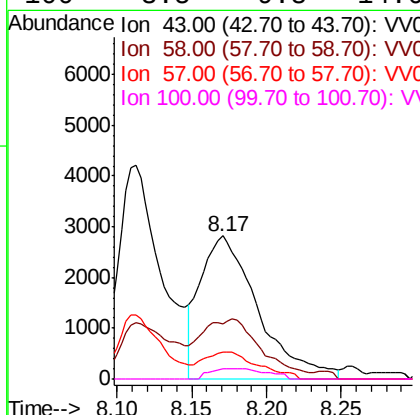
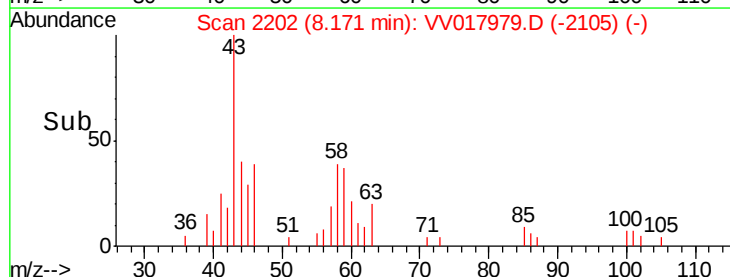
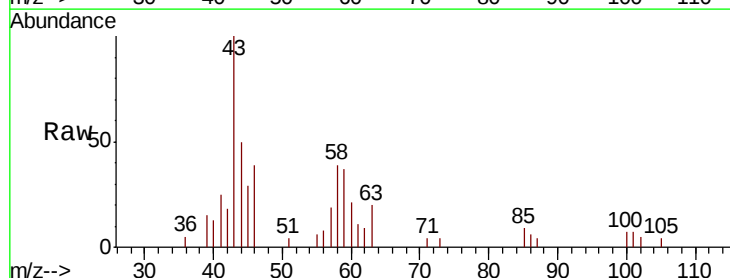
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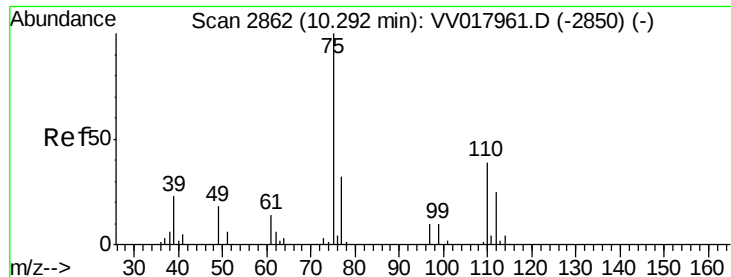
Tot Ion: 75 Resp: 2872
 Ion Ratio Lower Upper
 75 100
 77 46.8 22.3 41.5#



#48
 2-Hexanone
 Concen: 3.387 ug/L
 RT: 8.17 min Scan# 2202
 Delta R.T. 0.01 min
 Lab File: VV017979.D
 Acq: 13 Aug 2020 19:01

Tgt Ion: 43 Resp: 7561
 Ion Ratio Lower Upper
 43 100
 58 5.6 44.4 66.6#
 57 18.4 15.2 22.8
 100 3.5 9.8 14.6#





#59

1,2,3-Trichloropropane

Concen: 5.769 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV017979.D

Acq: 13 Aug 2020 19:01

Instrument :

MSVOA_V

ClientSampleId :

F4L77

Tot Ion: 75 Resp: 15090

Ion Ratio Lower Upper

75 100

77 34.5 25.7 38.5

