

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081720\
 Data File : VV018022.D
 Acq On : 17 Aug 2020 13:38
 Operator : SY/MD
 Sample : L3709-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFSH9

Quant Time: Aug 18 01:26:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 18 01:23:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	243167	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	239991	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	116322	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	89674	48.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.66%
7) Chloroethane-d5	1.58	69	77687	51.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.36%
11) 1,1-Dichloroethene-d2	2.12	63	135897	38.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.58%
21) 2-Butanone-d5	3.91	46	116283	95.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.69%
24) Chloroform-d	4.38	84	167706	49.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.32%
26) 1,2-Dichloroethane-d4	5.06	65	115919	52.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.68%
32) Benzene-d6	5.08	84	336953	50.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.90%
36) 1,2-Dichloropropane-d6	6.09	67	110465	51.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.18%
41) Toluene-d8	7.34	98	297834	50.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.14%
43) trans-1,3-Dichloropropene-	7.64	79	49522	50.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.98%
47) 2-Hexanone-d5	8.11	63	58291	84.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.01%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	132745	47.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	124938	54.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.14%

Target Compounds

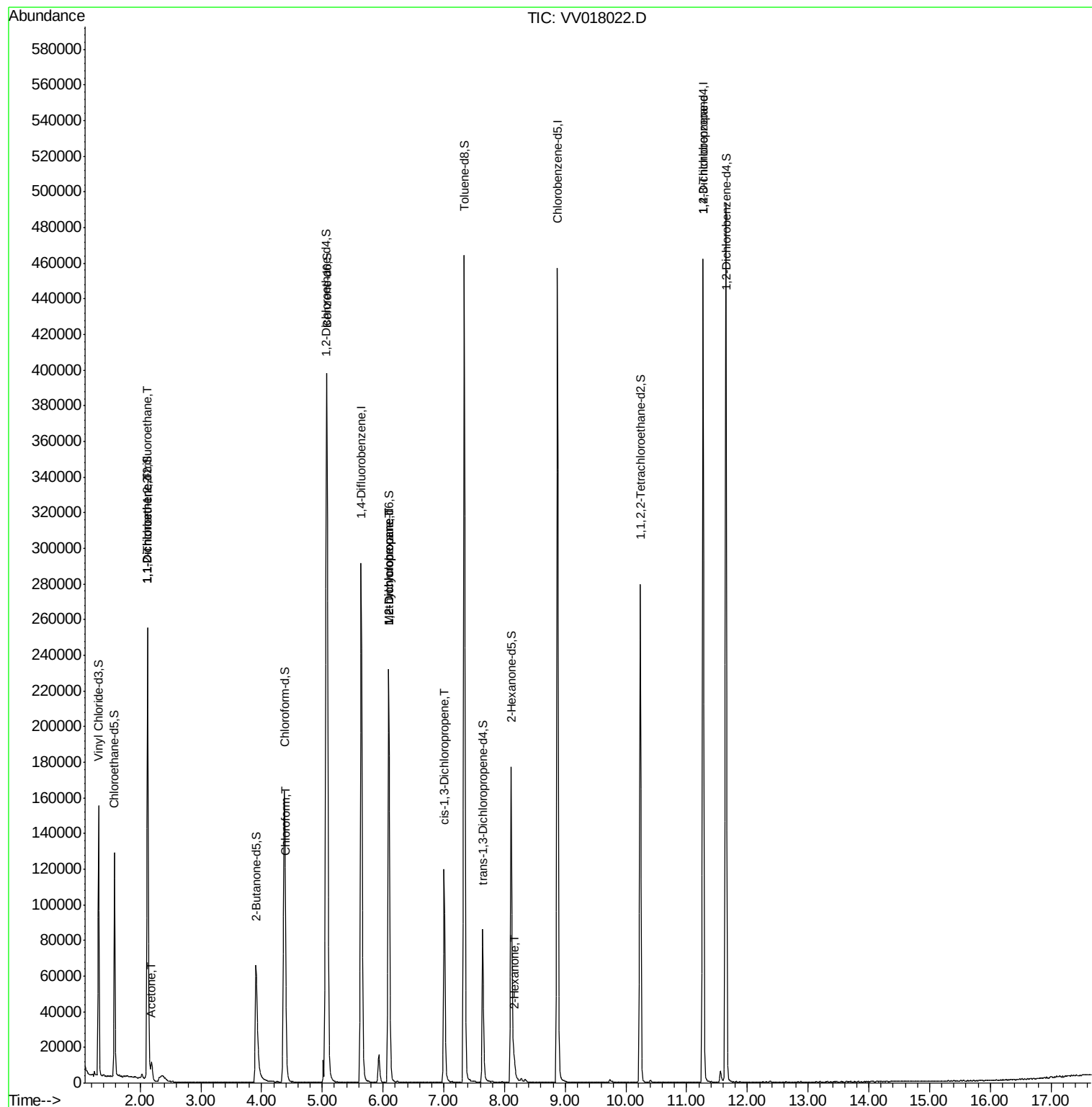
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1130	0.656	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	1134	0.695	ug/L #	1
13) Acetone	2.19	43	12258	9.766	ug/L	96
25) Chloroform	4.40	83	3303	0.961	ug/L	90
35) Methylcyclohexane	6.09	83	26173	8.968	ug/L #	17
37) 1,2-Dichloropropane	6.09	63	11919	5.886	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2834	0.987	ug/L #	64
48) 2-Hexanone	8.16	43	6664	3.122	ug/L #	77
59) 1,2,3-Trichloropropane	11.27	75	13590	5.434	ug/L	94

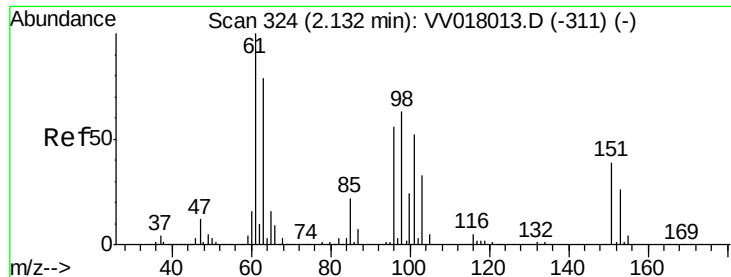
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 18 01:23:44 2020
Response via : Initial Calibration





#10

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

Concen: 0.656 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018022.D

Acq: 17 Aug 2020 13:38

Instrument :

MSVOA_V

ClientSampled :

BFSH9

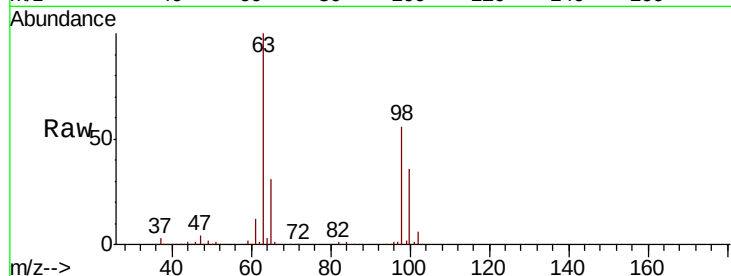
Tot Ion:101 Resp: 1130

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

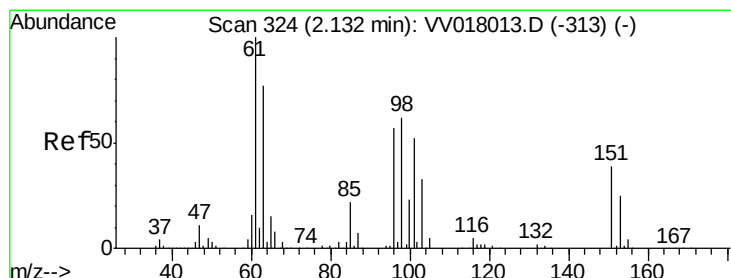
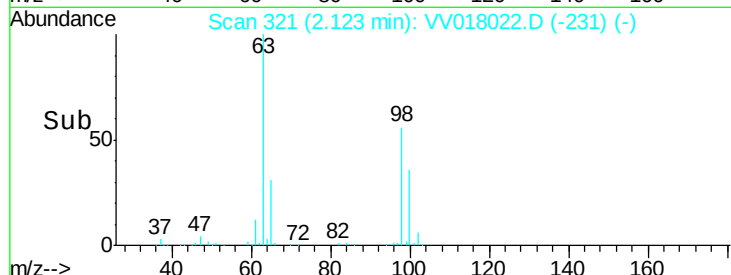
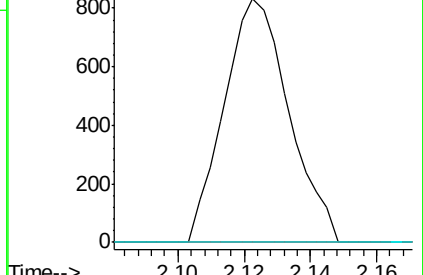
151 0.0 59.1 88.7#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.695 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018022.D

Acq: 17 Aug 2020 13:38

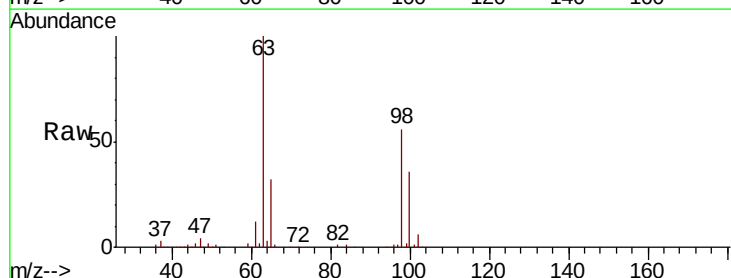
Tgt Ion: 96 Resp: 1134

Ion Ratio Lower Upper

96 100

61 1351.4 127.1 236.0#

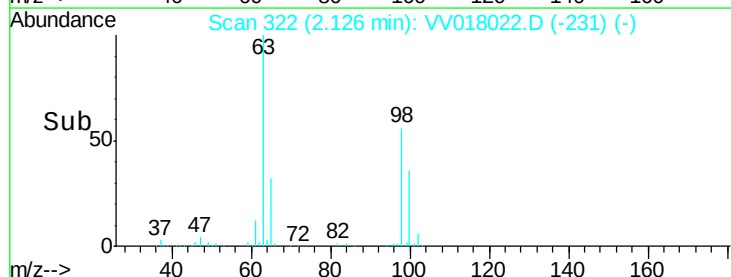
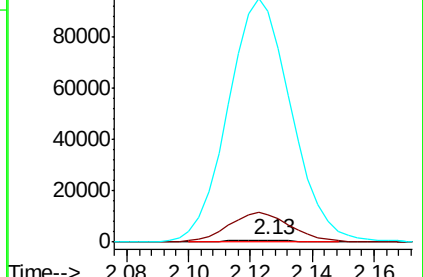
63 11208.0 95.2 176.8#

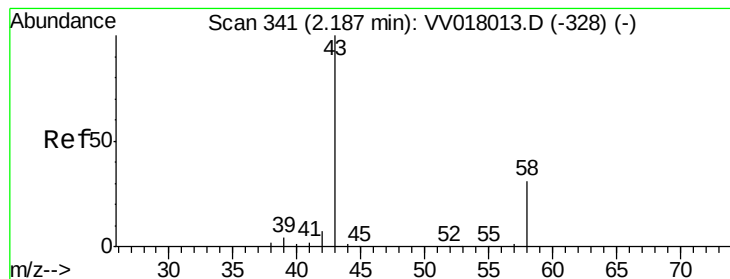


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 9.766 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

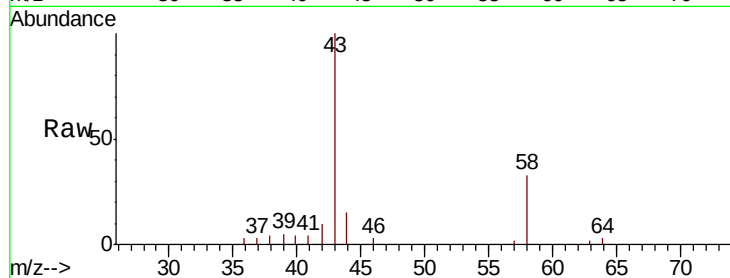
BFSH9

Tot Ion: 43 Resp: 12258

Ion Ratio Lower Upper

43 100

58 34.1 0.0 63.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

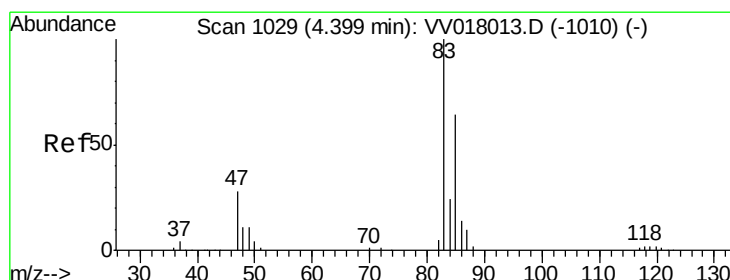
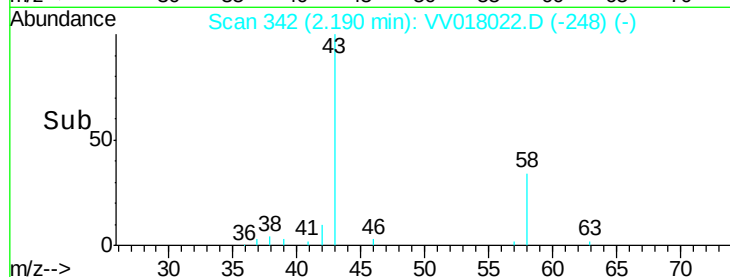
6000

4000

2000

0

Time--> 2.10 2.15 2.20 2.25 2.30



#25

Chloroform

Concen: 0.961 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV018022.D

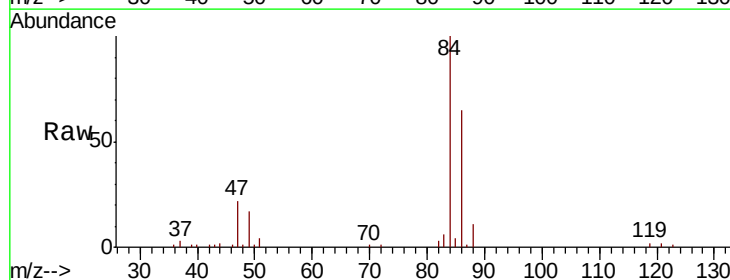
Acq: 17 Aug 2020 13:38

Tgt Ion: 83 Resp: 3303

Ion Ratio Lower Upper

83 100

85 72.8 45.5 84.5



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

4.40

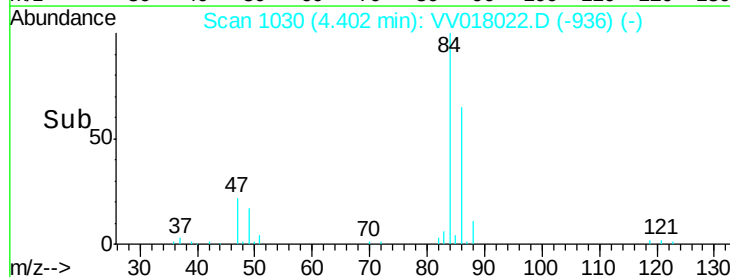
1500

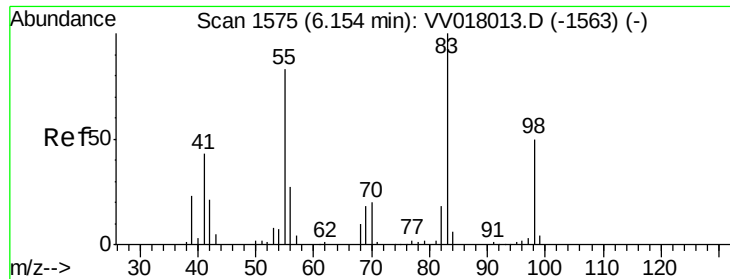
1000

500

0

Time--> 4.35 4.40 4.45

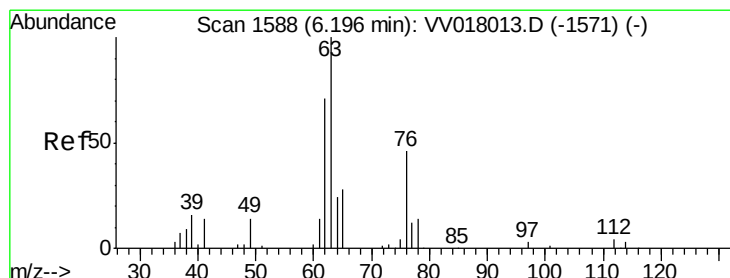
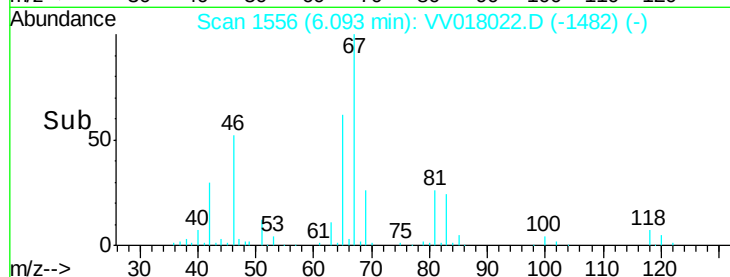
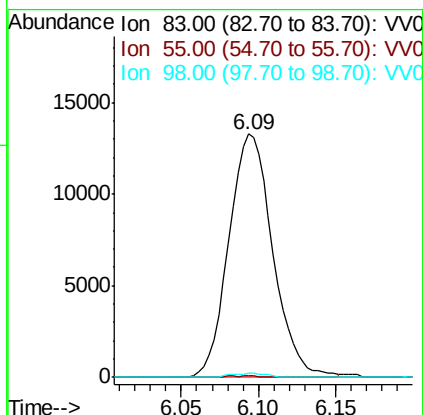
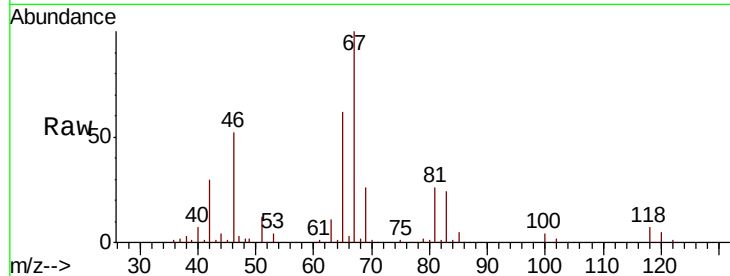




#35
Methylvlcyclohexane
Concen: 8.968 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018022.D
Acq: 17 Aug 2020 13:38

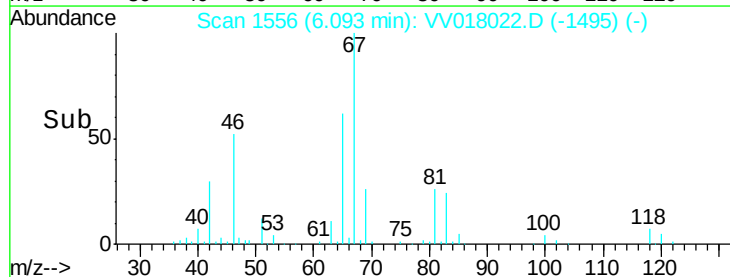
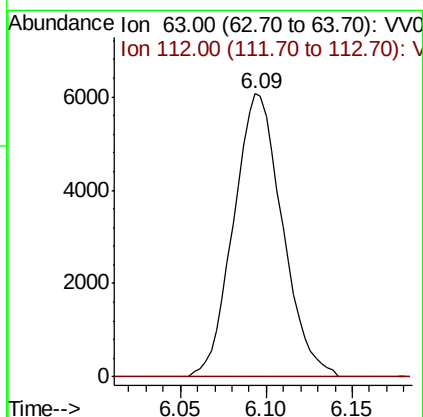
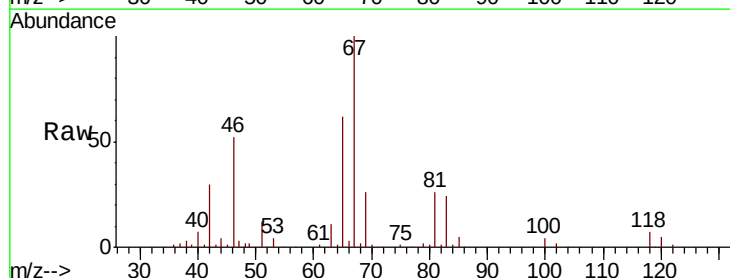
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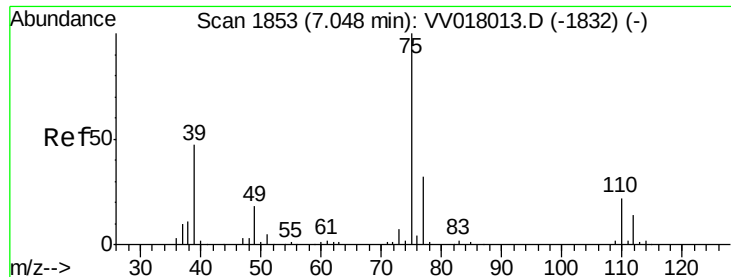
Tot Ion: 83 Resp: 26173
Ion Ratio Lower Upper
83 100
55 0.3 64.9 97.3#
98 1.3 38.7 58.1#



#37
1,2-Dichloropropane
Concen: 5.886 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018022.D
Acq: 17 Aug 2020 13:38

Tgt Ion: 63 Resp: 11919
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

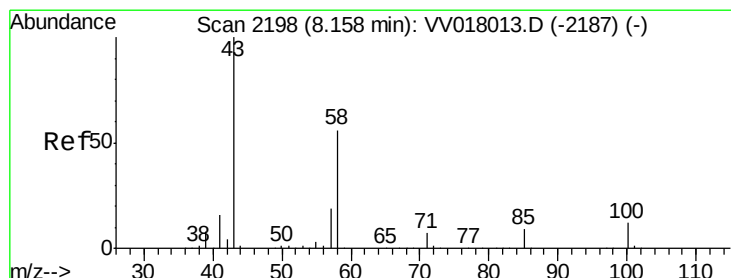
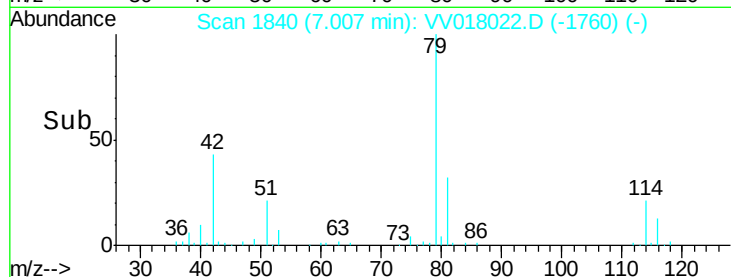
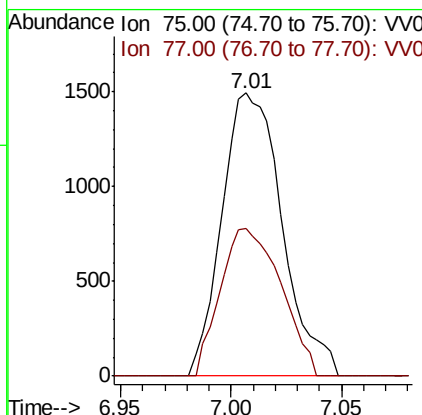
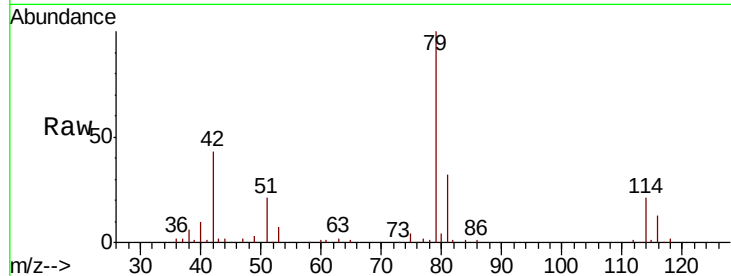




#39
 cis-1,3-Dichloropropene
 Concen: 0.987 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018022.D
 Acq: 17 Aug 2020 13:38

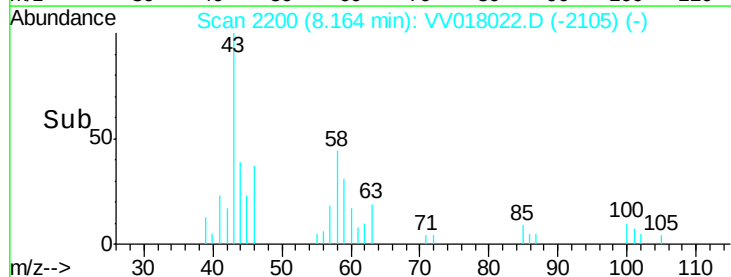
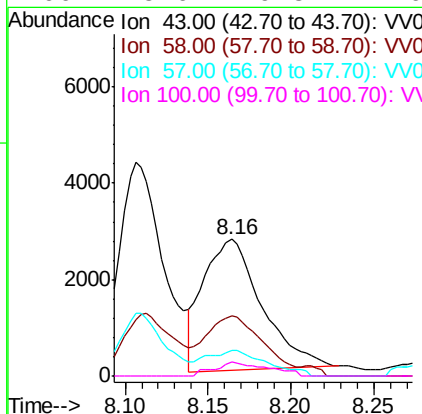
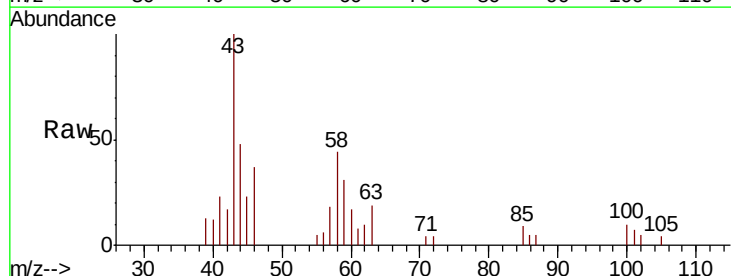
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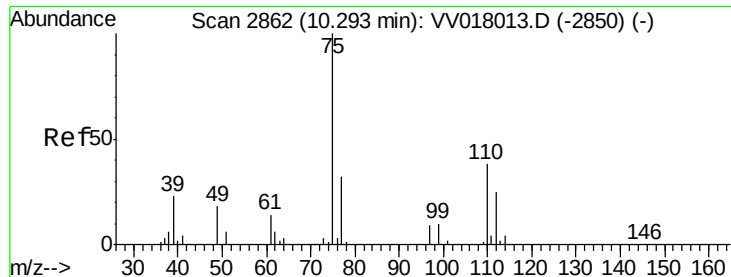
Tot Ion: 75 Resp: 2834
 Ion Ratio Lower Upper
 75 100
 77 52.0 22.3 41.5#



#48
 2-Hexanone
 Concen: 3.122 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018022.D
 Acq: 17 Aug 2020 13:38

Tgt Ion: 43 Resp: 6664
 Ion Ratio Lower Upper
 43 100
 58 37.6 44.4 66.6#
 57 9.4 15.2 22.8#
 100 5.6 9.8 14.6#





#59
 1,2,3-Trichloropropane
 Concen: 5.434 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018022.D
 Acq: 17 Aug 2020 13:38

Instrument :
 MSVOA_V
 ClientSampleId :
 BFSH9

Tot Ion: 75 Resp: 13590
 Ion Ratio Lower Upper
 75 100
 77 35.6 25.7 38.5

