

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
 Data File : VV017166.D
 Acq On : 26 Jun 2020 07:36
 Operator : SY/MD
 Sample : L3107-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXP6

Quant Time: Jun 26 08:08:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 05:12:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	170259	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	168188	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	77031	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45191	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.58	69	37092	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.13	63	68225	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	3.95	46	115383	44.30	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.60%
24) Chloroform-d	4.38	84	101352	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.06	65	55584	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.08	84	186314	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.10	67	53997	4.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.60%
41) Toluene-d8	7.34	98	160664	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.60%
45) trans-1,3-Dichloropropene-	7.64	79	20287	3.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.60%
48) 2-Hexanone-d5	8.11	63	78006	37.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.26%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38296	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	62869	4.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.40%

Target Compounds

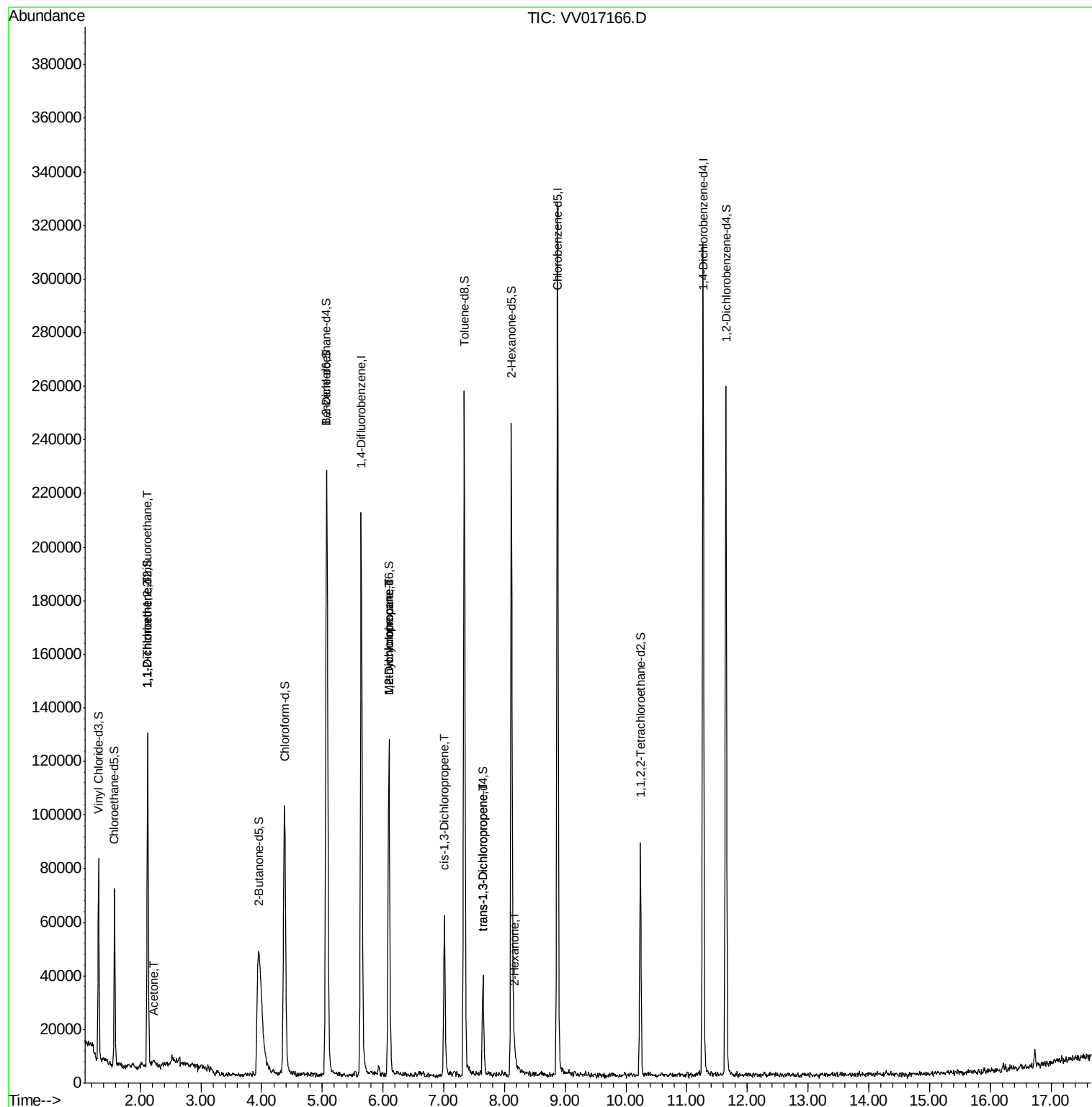
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	829	0.092 ug/L #	17
12) 1,1-Dichloroethene	2.12	96	873	0.107 ug/L #	1
13) Acetone	2.22	43	4148	3.151 ug/L	60
35) Methylcyclohexane	6.10	83	14057	0.701 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	7554	0.693 ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	1824	0.113 ug/L	89
46) trans-1,3-Dichloropropene	7.65	75	1157	0.083 ug/L	91
50) 2-Hexanone	8.16	43	2921	0.652 ug/L #	62

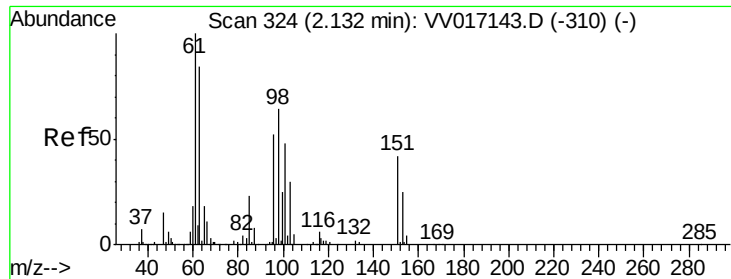
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.092 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017166.D

Acq: 26 Jun 2020 07:36

Instrument :

MSVOA_V

ClientSampleId :

BFXP6

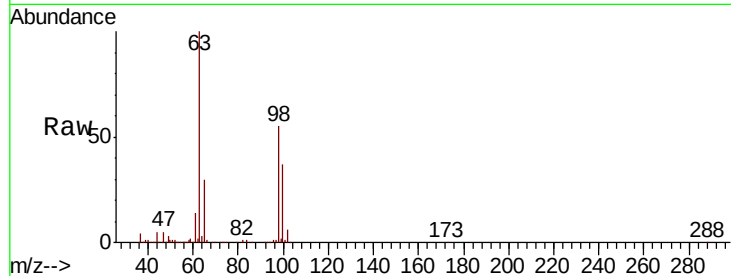
Tot Ion:101 Resp: 829

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.2#

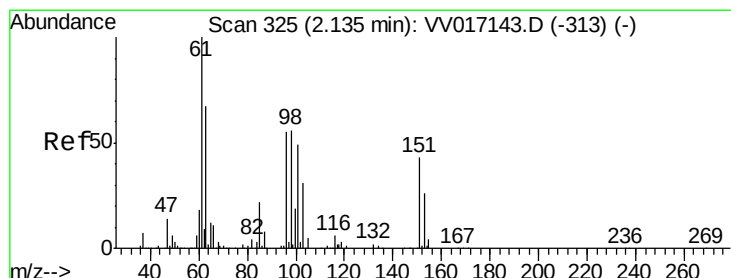
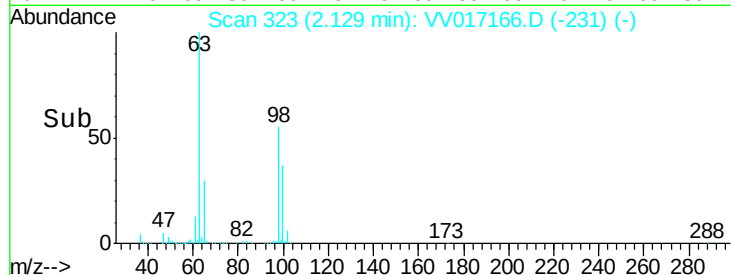
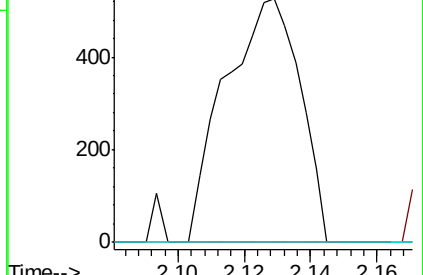
151 0.0 63.9 95.9#



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: 0.107 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017166.D

Acq: 26 Jun 2020 07:36

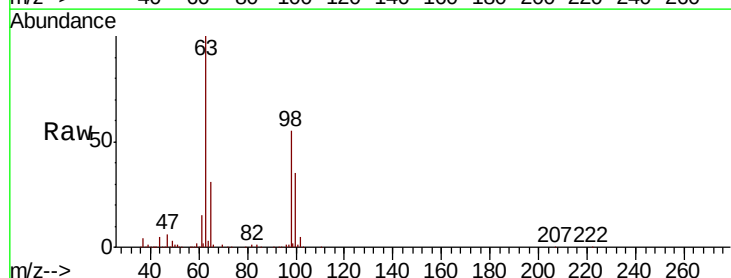
Tgt Ion: 96 Resp: 873

Ion Ratio Lower Upper

96 100

61 1610.0 125.0 232.2#

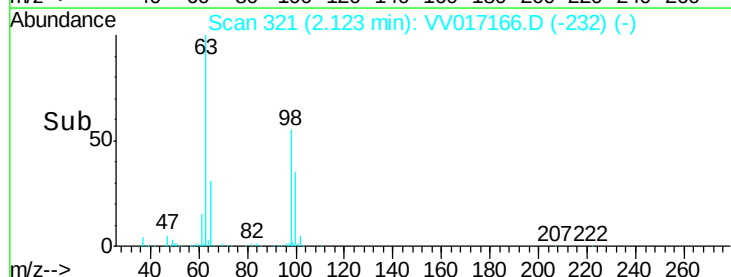
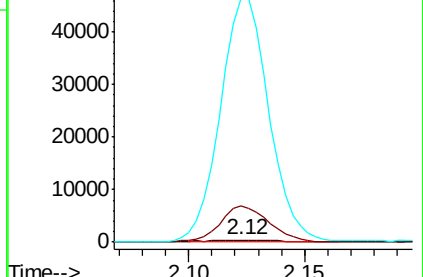
63 10799.1 109.8 203.8#

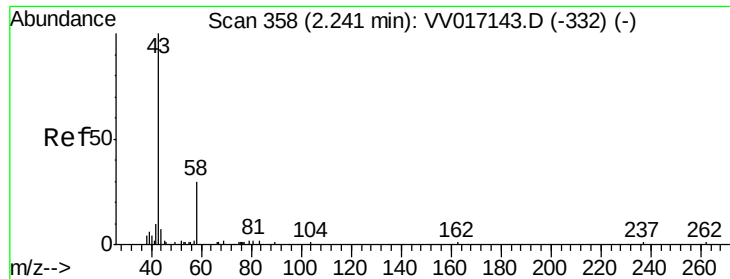


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 3.151 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.02 min

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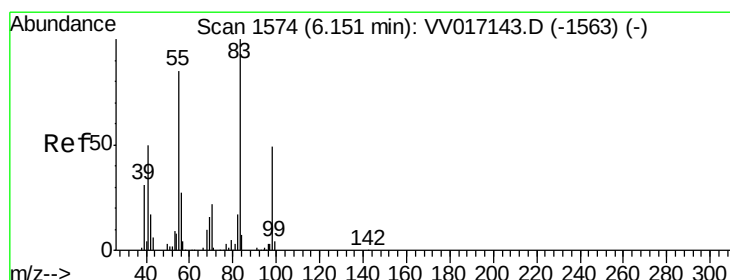
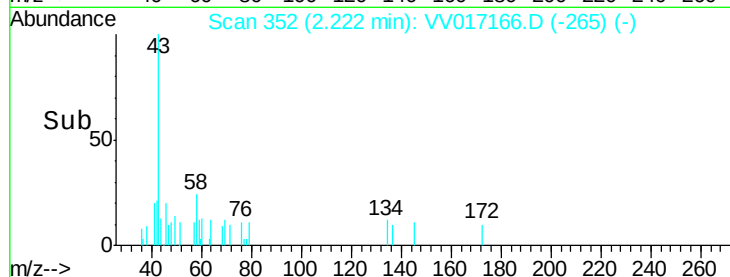
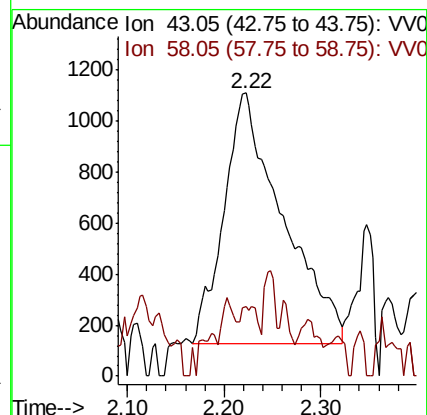
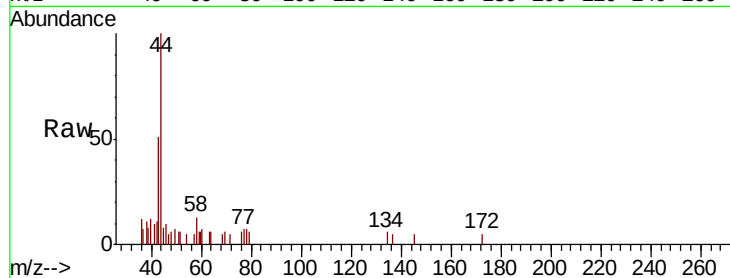
BFXP6

Tot Ion: 43 Resp: 4148

Ion Ratio Lower Upper

43 100

58 7.6 0.0 58.4



#35

Methylcyclohexane

Concen: 0.701 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV017166.D

Acq: 26 Jun 2020 07:36

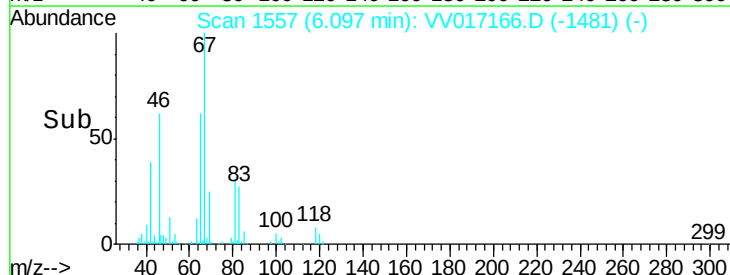
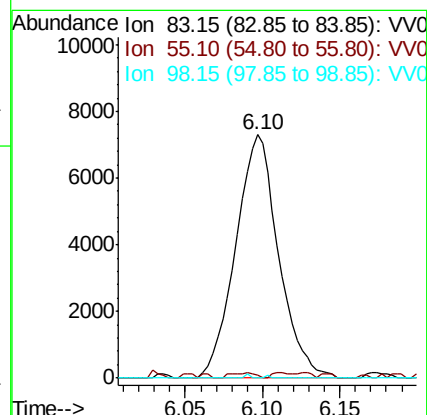
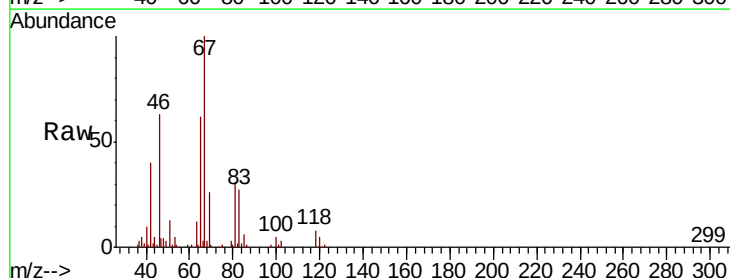
Tgt Ion: 83 Resp: 14057

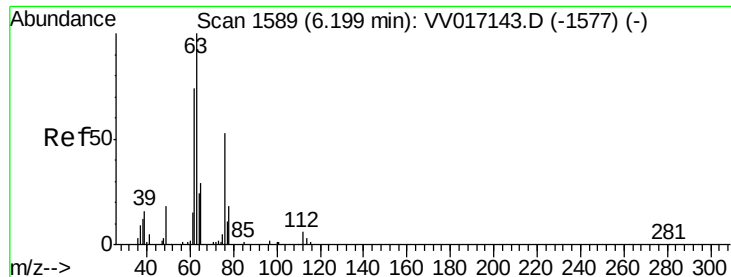
Ion Ratio Lower Upper

83 100

55 1.0 63.6 95.4#

98 0.1 38.8 58.2#

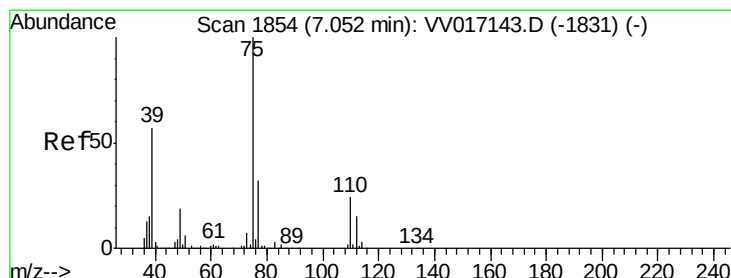
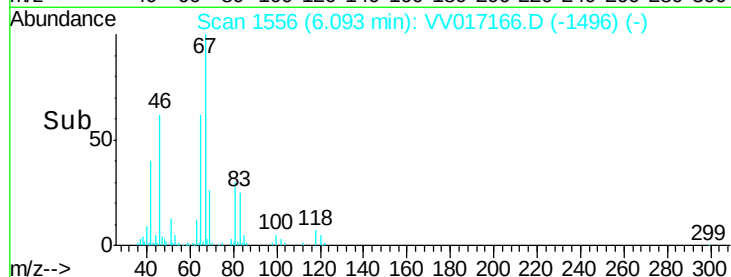
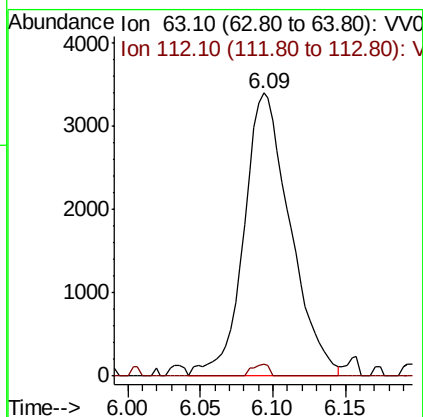
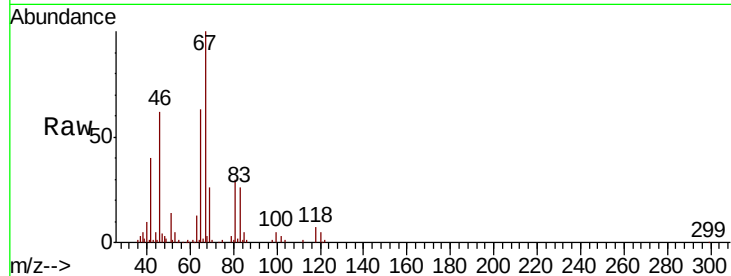




#37
 1,2-Dichloropropane
 Concen: 0.693 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.11 min
 Lab File: VV017166.D
 Acq: 26 Jun 2020 07:36

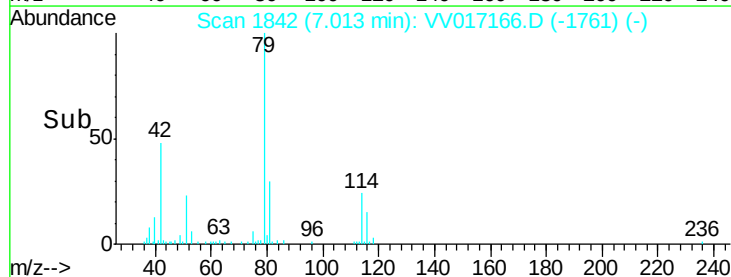
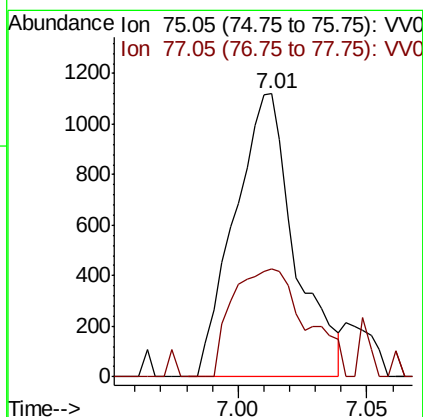
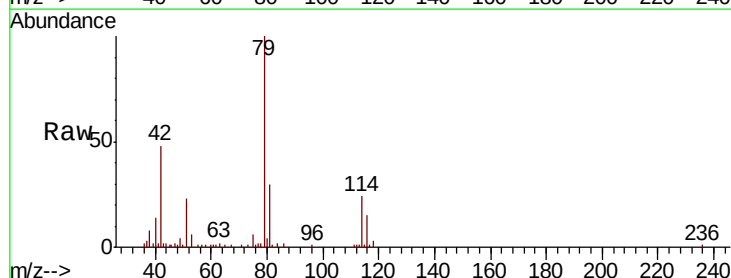
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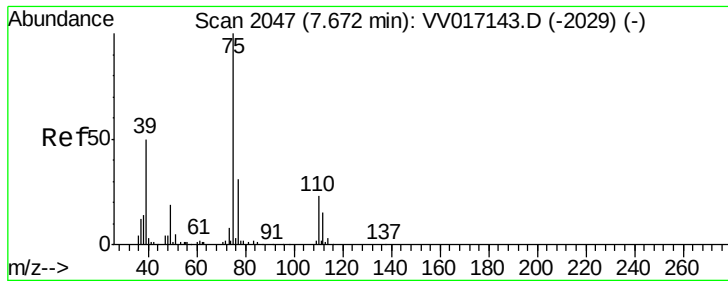
Tot Ion: 63 Resp: 7554
 Ion Ratio Lower Upper
 63 100
 112 1.5 4.4 6.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.113 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV017166.D
 Acq: 26 Jun 2020 07:36

Tgt Ion: 75 Resp: 1824
 Ion Ratio Lower Upper
 75 100
 77 38.0 22.3 41.5





#46

trans-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.65 min Scan# 2041

Delta R.T. -0.02 min

Lab File: VV017166.D

Acq: 26 Jun 2020 07:36

Instrument :

MSVOA_V

ClientSampleId :

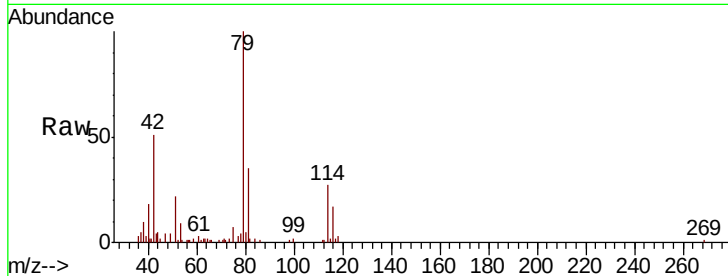
BFXP6

Tot Ion: 75 Resp: 1157

Ion Ratio Lower Upper

75 100

77 36.8 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.65

600

400

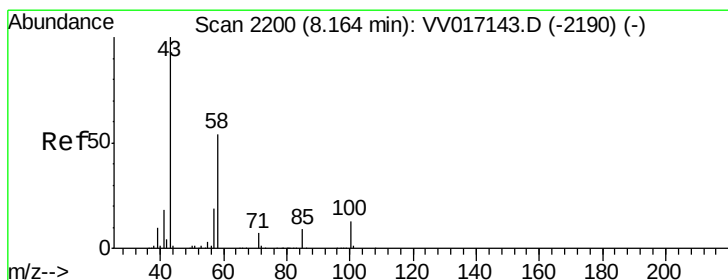
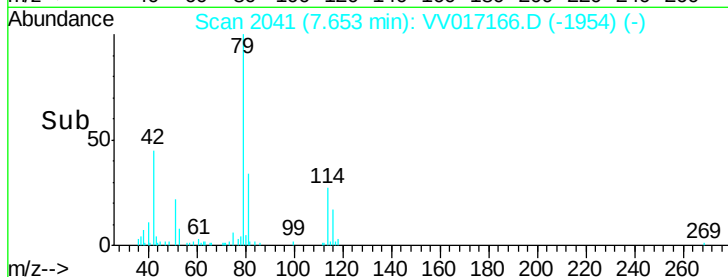
200

0

7.60

7.65

Time-->



#50

2-Hexanone

Concen: 0.652 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.00 min

Lab File: VV017166.D

Acq: 26 Jun 2020 07:36

Tgt Ion: 43 Resp: 2921

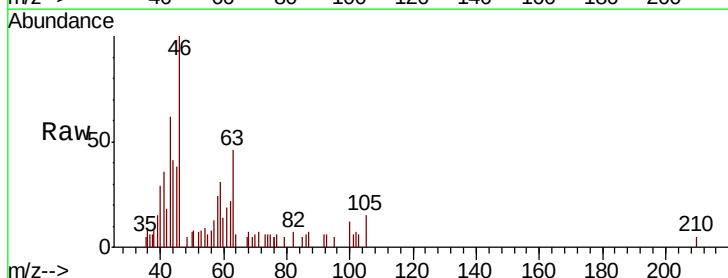
Ion Ratio Lower Upper

43 100

58 15.1 41.6 62.4#

57 9.2 15.4 23.0#

100 10.4 10.1 15.1



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

8000

6000

4000

2000

0

8.15

8.20

Time-->

