

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072220\
 Data File : VV017582.D
 Acq On : 22 Jul 2020 11:27
 Operator : SY/MD
 Sample : L3314-03DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4C26DL

Quant Time: Jul 23 05:25:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 23 05:23:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	336423	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	317193	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	154148	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87521	42.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.26%
7) Chloroethane-d5	1.58	69	62636	44.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.78%
11) 1,1-Dichloroethene-d2	2.12	63	176781	42.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.58%
21) 2-Butanone-d5	3.91	46	134998	85.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.96%
24) Chloroform-d	4.37	84	203530	43.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.32%
26) 1,2-Dichloroethane-d4	5.05	65	147034	45.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.02%
32) Benzene-d6	5.07	84	385806	45.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.10%
36) 1,2-Dichloropropane-d6	6.09	67	116392	45.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.56%
41) Toluene-d8	7.33	98	357289	44.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.38%
43) trans-1,3-Dichloropropene-	7.64	79	64260	43.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.32%
47) 2-Hexanone-d5	8.11	63	101124	86.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.75%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	159758	44.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	152159	47.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

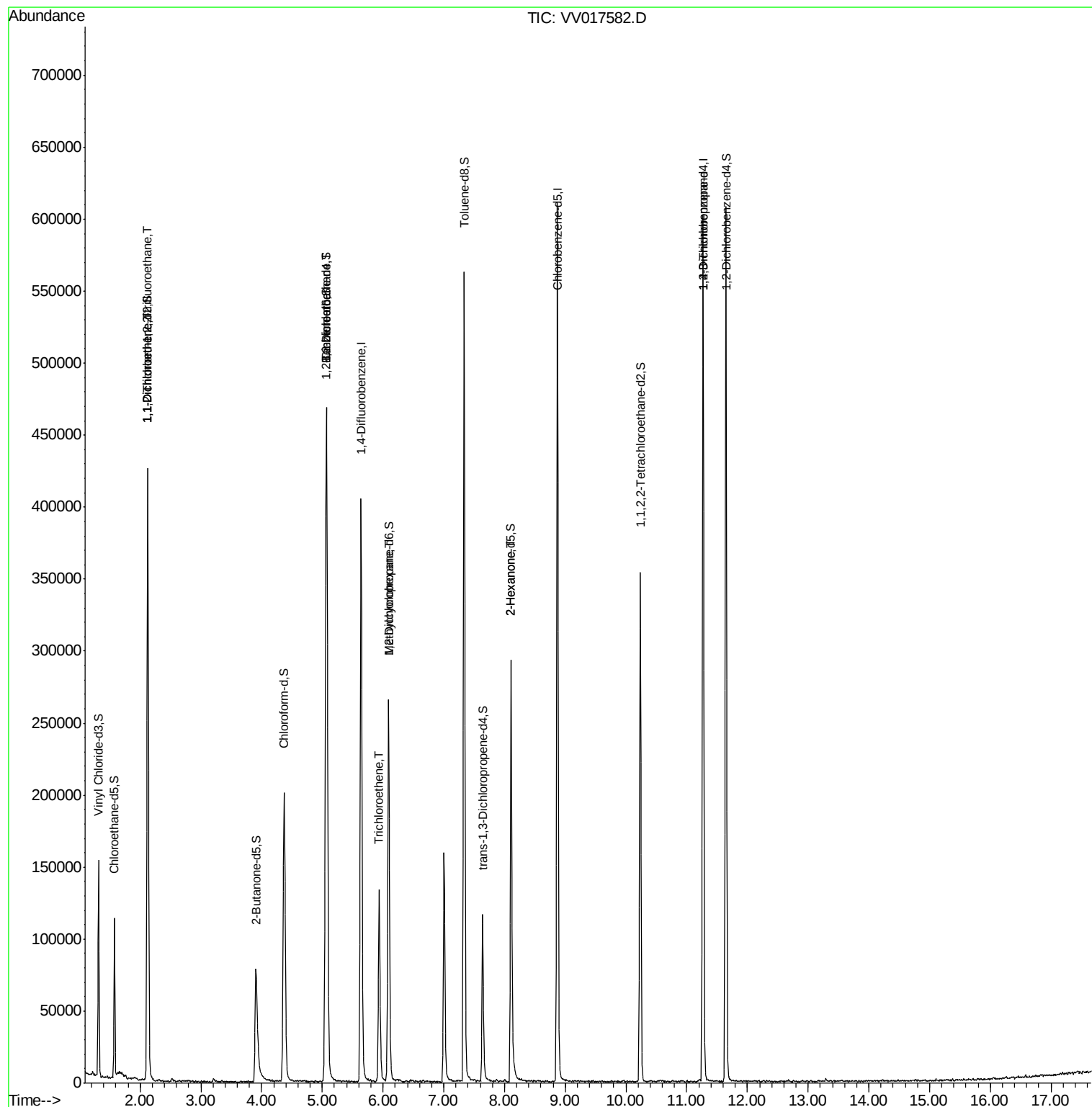
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2627	1.268 ug/L #	73
12) 1,1-Dichloroethene	2.13	96	70691	36.818 ug/L #	76
27) 1,2-Dichloroethane	5.07	62	2914	0.736 ug/L	98
34) Trichloroethene	5.94	95	43944	17.112 ug/L	95
35) Methylcyclohexane	6.09	83	30853	7.690 ug/L #	19
48) 2-Hexanone	8.11	43	12475	4.749 ug/L #	45
59) 1,2,3-Trichloropropane	11.27	75	17119	5.456 ug/L	89

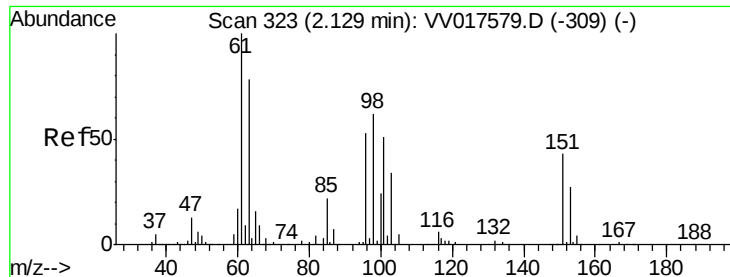
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072120WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 23 05:23:23 2020
Response via : Initial Calibration





#10

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

Concen: 1.268 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017582.D

Acq: 22 Jul 2020 11:27

Instrument :

MSVOA_V

ClientSampleId :

F4C26DL

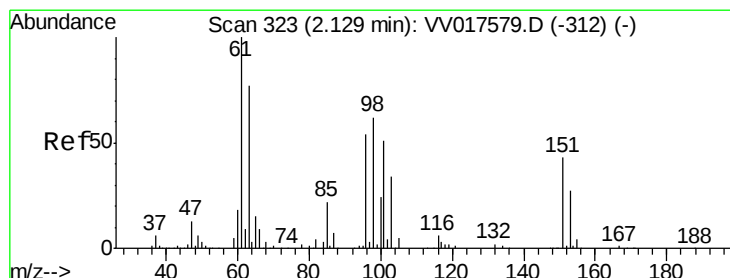
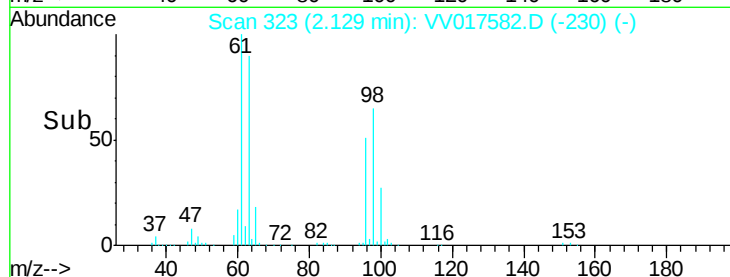
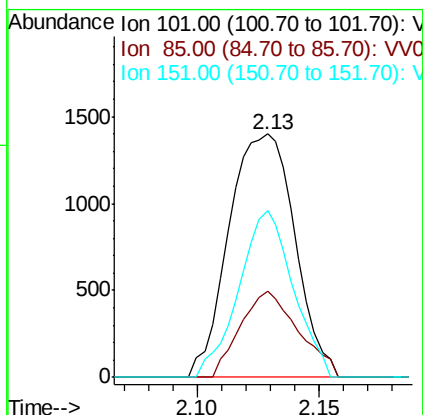
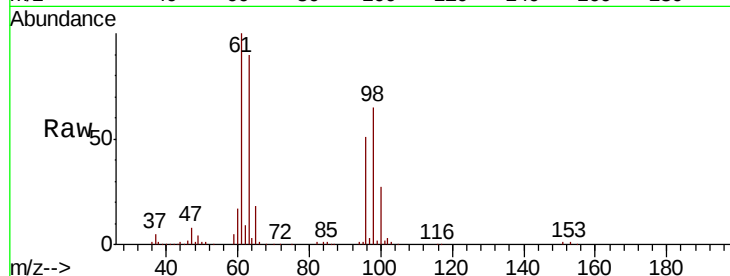
Tot Ion:101 Resp: 2627

Ion Ratio Lower Upper

101 100

85 31.1 35.1 52.7#

151 56.3 67.0 100.4#



#12

1,1-Dichloroethene

Concen: 36.818 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017582.D

Acq: 22 Jul 2020 11:27

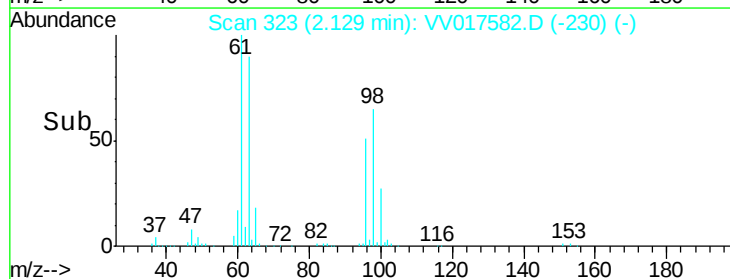
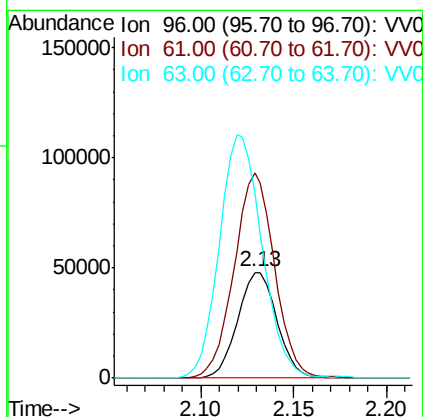
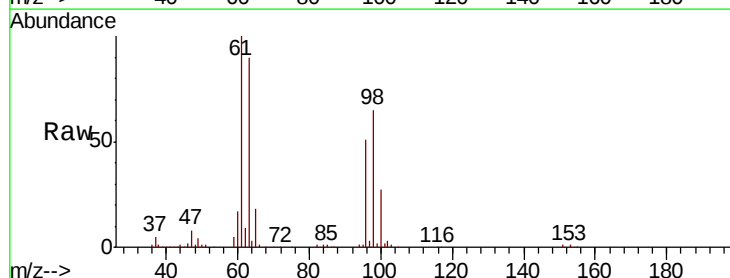
Tgt Ion: 96 Resp: 70691

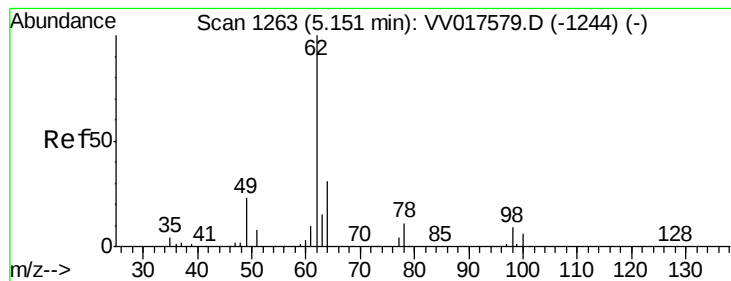
Ion Ratio Lower Upper

96 100

61 194.4 124.5 231.3

63 174.1 89.0 165.4#





#27

1,2-Dichloroethane

Concen: 0.736 ug/L

RT: 5.07 min Scan# 1238

Delta R.T. -0.08 min

Lab File: VV017582.D

Acq: 22 Jul 2020 11:27

Instrument :

MSVOA_V

ClientSampleId :

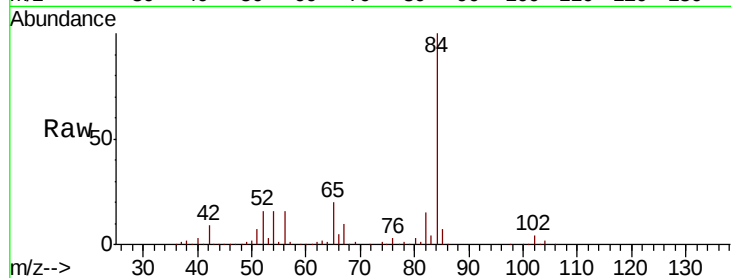
F4C26DL

Tot Ion: 62 Resp: 2914

Ion Ratio Lower Upper

62 100

98 8.1 7.1 10.7



Abundance Ion 62.00 (61.70 to 62.70): VV017579.D (-1244) (-)

Ion 98.00 (97.70 to 98.70): VV017579.D (-1244) (-)

5.07

1500

1000

500

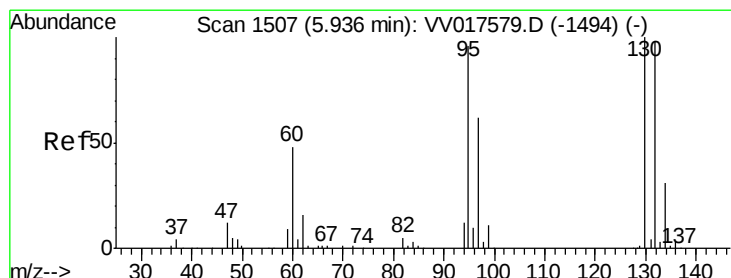
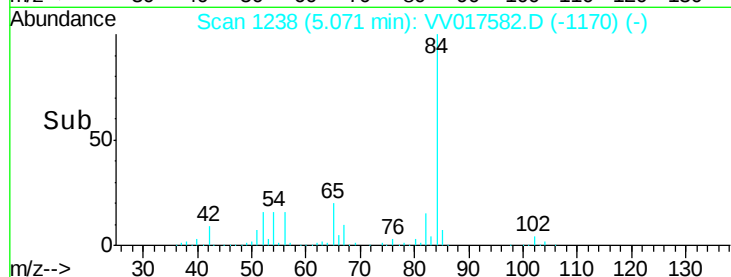
0

Time-->

5.00

5.05

5.10



#34

Trichloroethene

Concen: 17.112 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV017582.D

Acq: 22 Jul 2020 11:27

Tgt Ion: 95 Resp: 43944

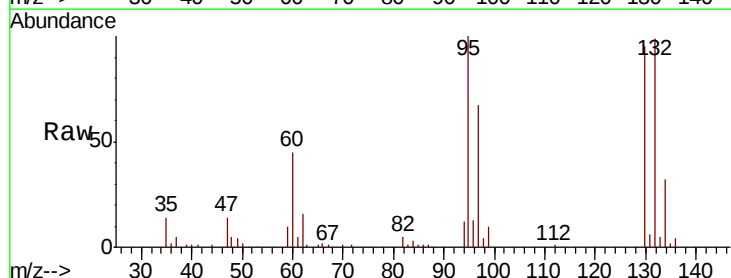
Ion Ratio Lower Upper

95 100

97 67.4 45.8 85.2

132 99.0 70.3 130.5

130 95.0 72.9 135.3



Abundance Ion 95.00 (94.70 to 95.70): VV017579.D (-1494) (-)

Ion 97.00 (96.70 to 97.70): VV017579.D (-1494) (-)

Ion 132.00 (131.70 to 132.70): VV017579.D (-1494) (-)

Ion 130.00 (129.70 to 130.70): VV017579.D (-1494) (-)

30000

20000

10000

0

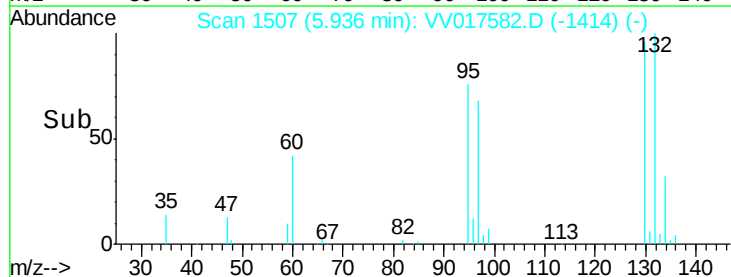
Time-->

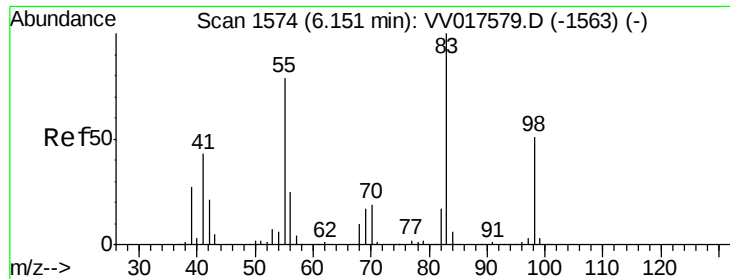
5.85

5.90

5.95

6.00

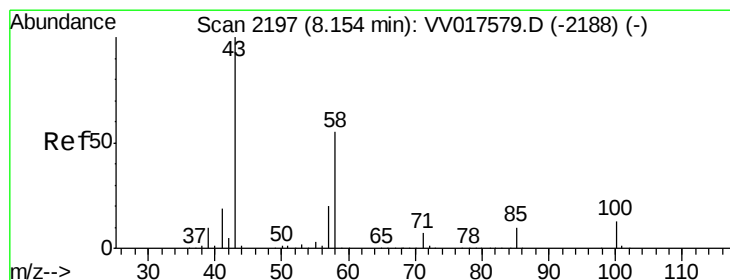
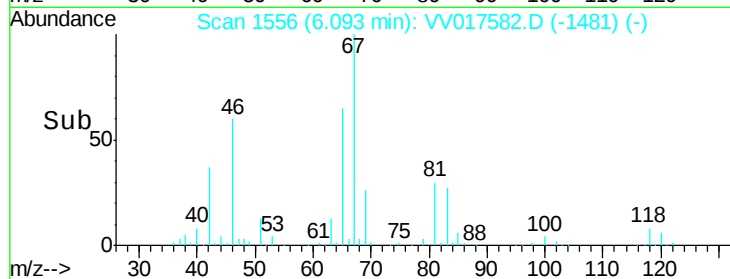
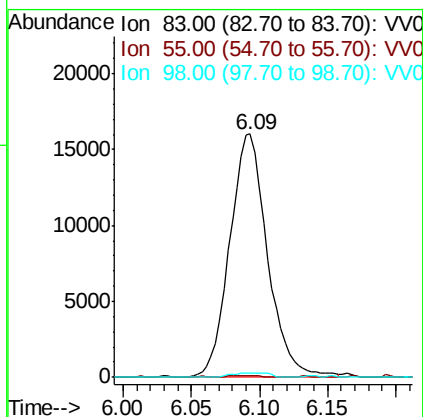
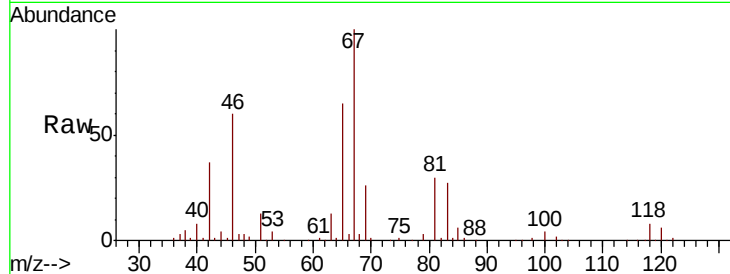




#35
Methvlcvclohexane
Concen: 7.690 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017582.D
Acq: 22 Jul 2020 11:27

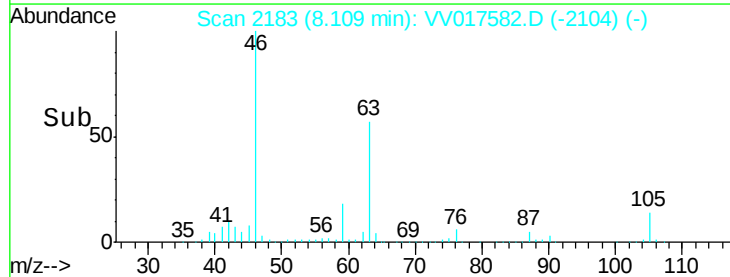
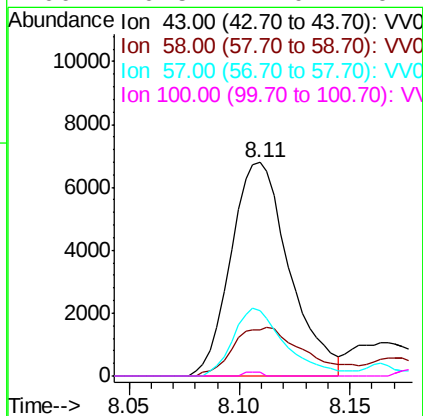
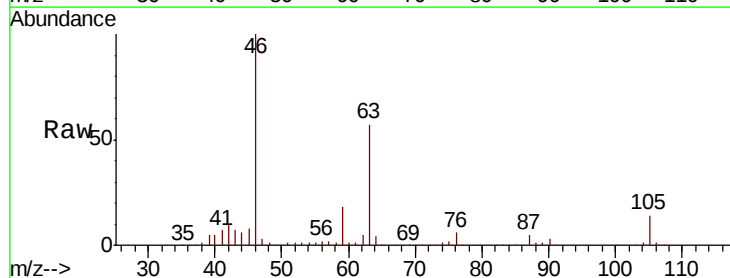
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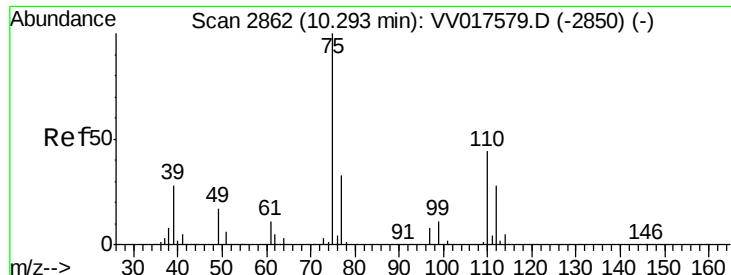
Tot Ion: 83 Resp: 30853
Ion Ratio Lower Upper
83 100
55 0.3 61.7 92.5#
98 1.3 39.3 58.9#



#48
2-Hexanone
Concen: 4.749 ug/L
RT: 8.11 min Scan# 2183
Delta R.T. -0.05 min
Lab File: VV017582.D
Acq: 22 Jul 2020 11:27

Tgt Ion: 43 Resp: 12475
Ion Ratio Lower Upper
43 100
58 0.0 44.3 66.5#
57 28.3 16.9 25.3#
100 0.5 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 5.456 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV017582.D

Acq: 22 Jul 2020 11:27

Instrument :

MSVOA_V

ClientSampleId :

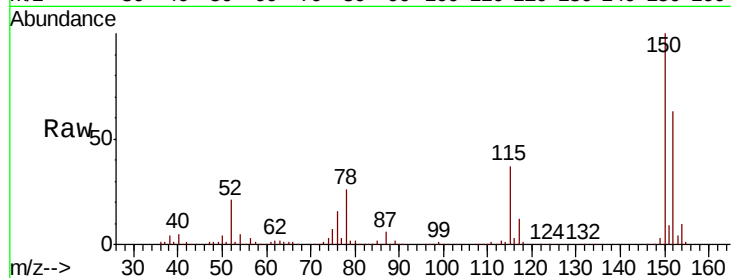
F4C26DL

Tot Ion: 75 Resp: 17119

Ion Ratio Lower Upper

75 100

77 38.8 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

