

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100120\
 Data File : VV018605.D
 Acq On : 01 Oct 2020 21:58
 Operator : SY/MD
 Sample : L4237-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AC2

Quant Time: Oct 02 04:20:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 02 04:18:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	287531	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	282535	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	142358	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	89243	52.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.84%
7) Chloroethane-d5	1.58	69	81600	58.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.04%
11) 1,1-Dichloroethene-d2	2.12	63	148728	43.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.58%
21) 2-Butanone-d5	3.91	46	112780	89.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.66%
24) Chloroform-d	4.38	84	170864	46.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.72%
26) 1,2-Dichloroethane-d4	5.06	65	117634	50.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.64%
32) Benzene-d6	5.07	84	338385	47.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.56%
36) 1,2-Dichloropropane-d6	6.09	67	103847	48.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.04%
41) Toluene-d8	7.34	98	307892	45.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.46%
43) trans-1,3-Dichloropropene-	7.64	79	46946	40.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.38%
47) 2-Hexanone-d5	8.11	63	57413	69.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	69.90%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	124156	43.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	133725	48.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.68%

Target Compounds

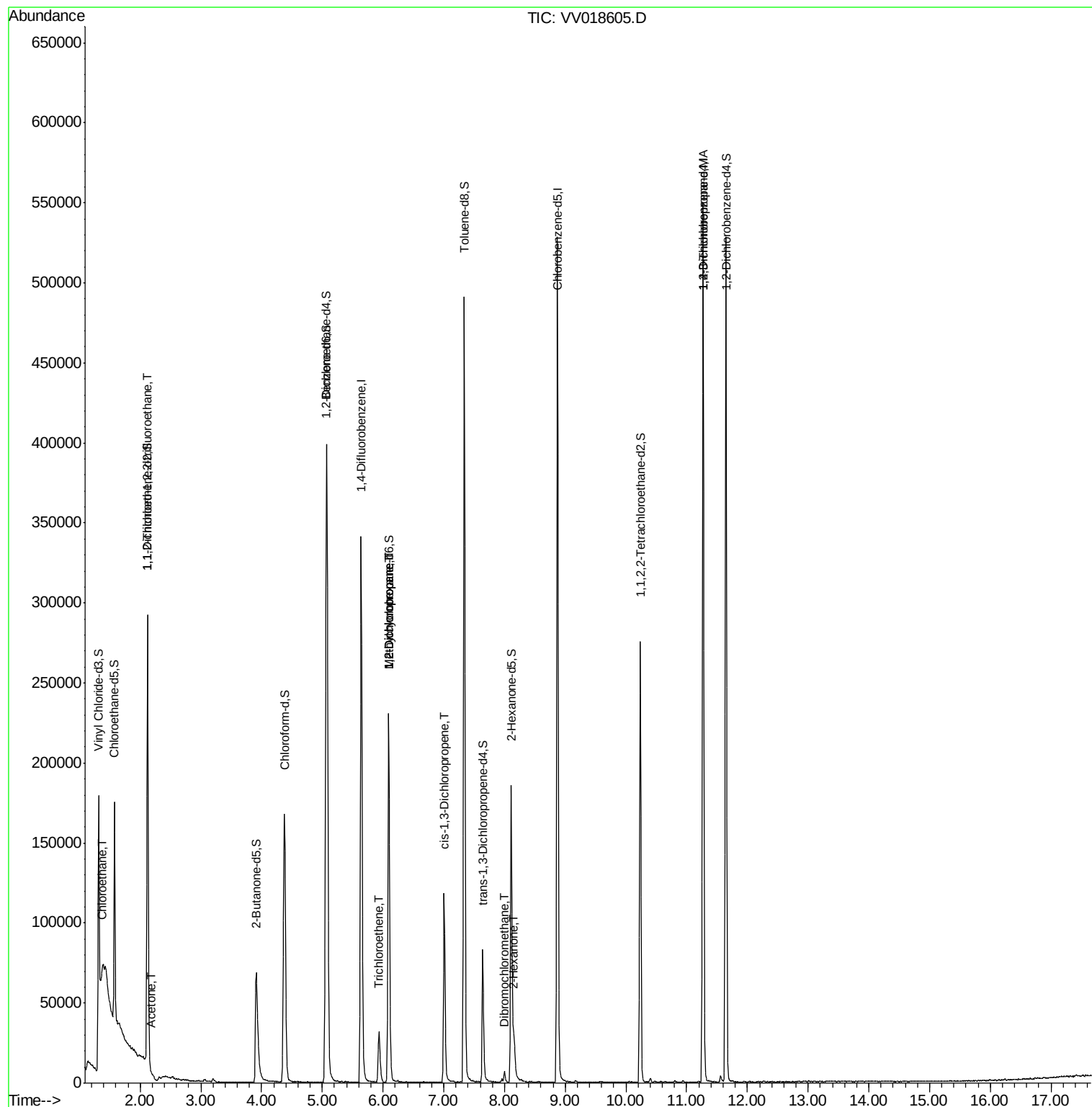
					Ovalue
8) Chloroethane	1.38	64	145093	107.052	ug/L # 49
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1584	0.847	ug/L # 17
13) Acetone	2.19	43	3252	2.992	ug/L 96
34) Trichloroethene	5.95	95	5080	2.108	ug/L 92
35) Methylcyclohexane	6.09	83	26314	8.095	ug/L # 19
37) 1,2-Dichloropropane	6.09	63	12354	5.801	ug/L # 85
39) cis-1,3-Dichloropropene	7.01	75	2854	0.854	ug/L 84
48) 2-Hexanone	8.16	43	14425	6.728	ug/L # 86
49) Dibromochloromethane	8.00	129	1482	0.615	ug/L # 11
59) 1,2,3-Trichloropropane	11.27	75	15292	5.903	ug/L # 84

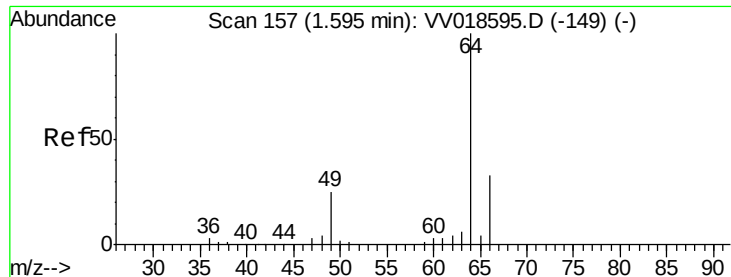
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Oct 02 04:18:06 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 107.052 ug/L

RT: 1.38 min Scan# 89

Delta R.T. -0.22 min

Lab File: VV018605.D

Acq: 01 Oct 2020 21:58

Instrument :

MSVOA_V

ClientSampleId :

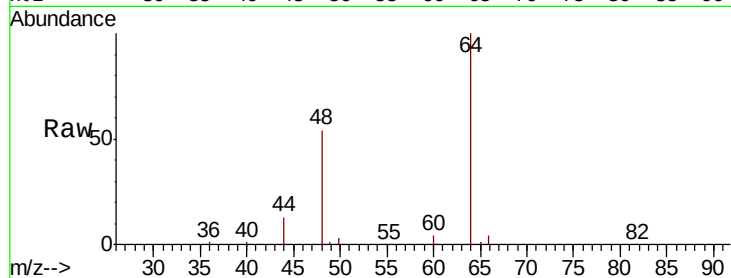
E0AC2

Tot Ion: 64 Resp: 145093

Ion Ratio Lower Upper

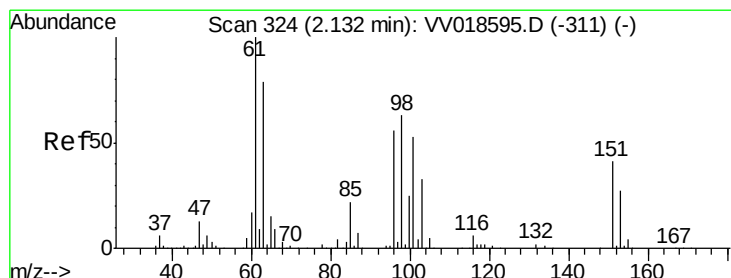
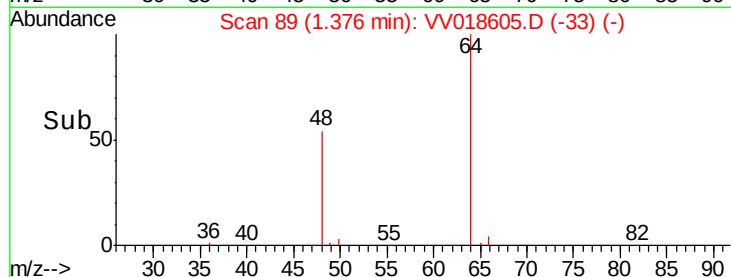
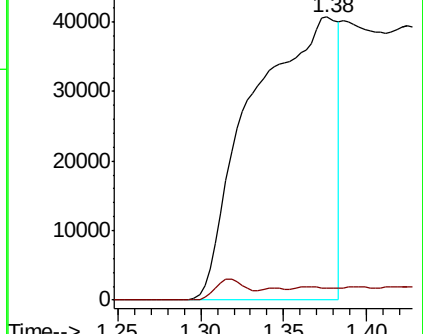
64 100

66 4.1 22.8 42.4#



Abundance Ion 64.00 (63.70 to 64.70): VV0

Ion 66.00 (65.70 to 66.70): VV0



#10

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

Concen: 0.847 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018605.D

Acq: 01 Oct 2020 21:58

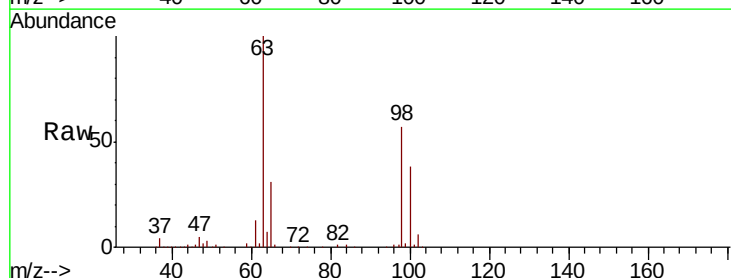
Tgt Ion:101 Resp: 1584

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

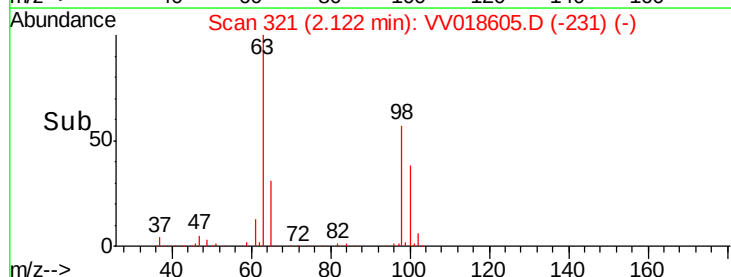
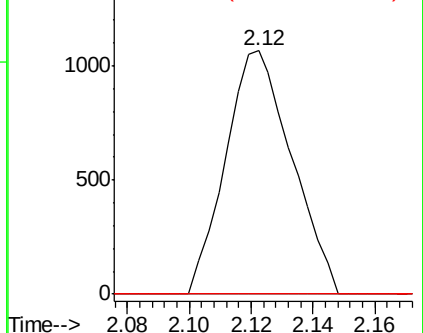
151 0.0 64.3 96.5#

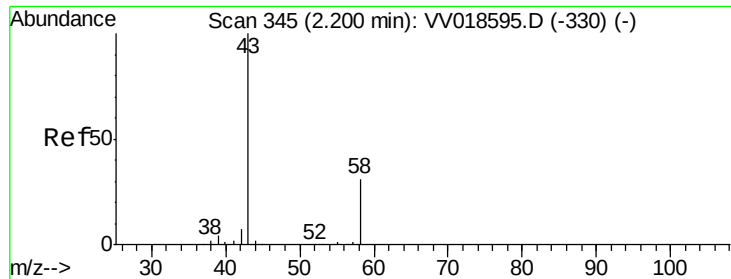


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V





#13

Acetone

Concen: 2.992 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV018605.D

Acq: 01 Oct 2020 21:58

Instrument :

MSVOA_V

ClientSampleId :

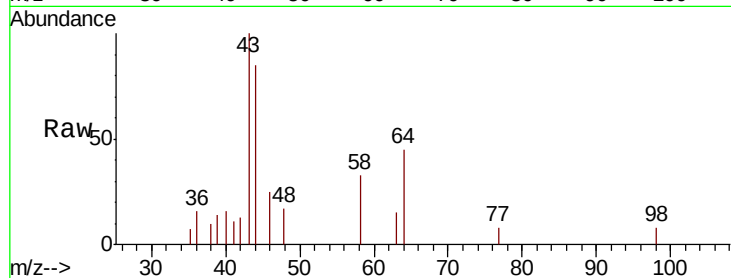
E0AC2

Tot Ion: 43 Resp: 3252

Ion Ratio Lower Upper

43 100

58 34.3 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

1500

1000

500

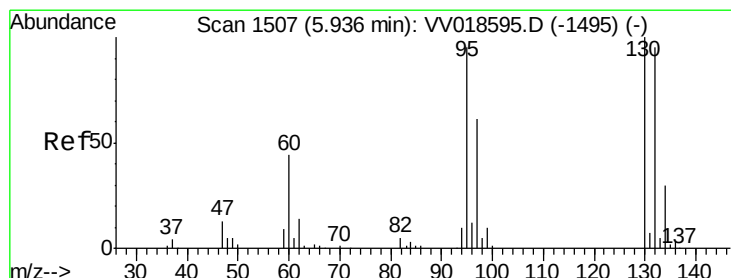
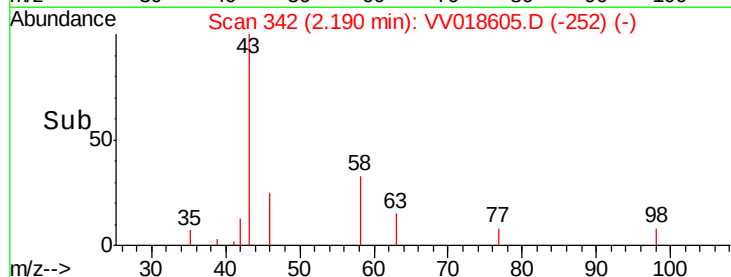
0

2.15

2.20

2.25

Time-->



#34

Trichloroethene

Concen: 2.108 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV018605.D

Acq: 01 Oct 2020 21:58

Tgt Ion: 95 Resp: 5080

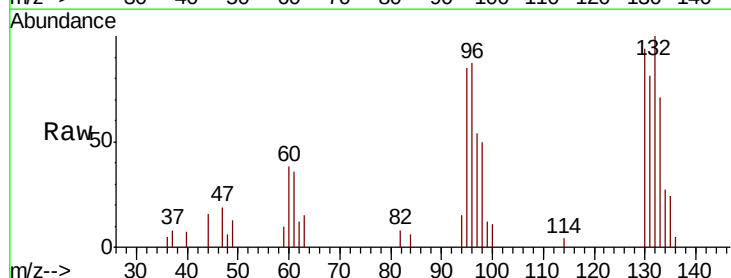
Ion Ratio Lower Upper

95 100

97 63.9 45.9 85.3

132 117.9 70.8 131.4

130 110.7 75.3 139.8



Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

4000

3000

2000

1000

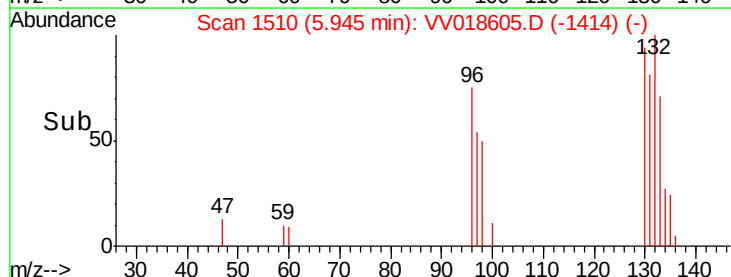
0

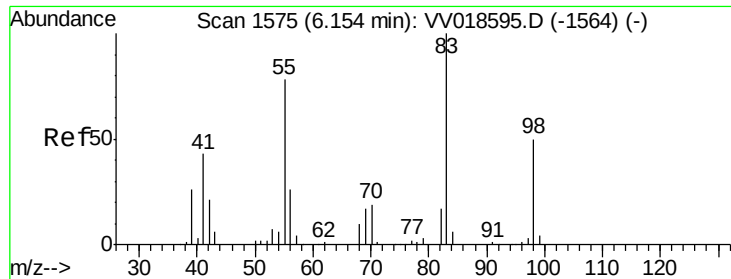
5.90

5.95

6.00

Time-->

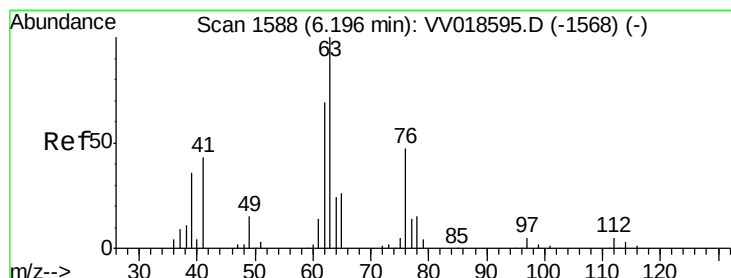
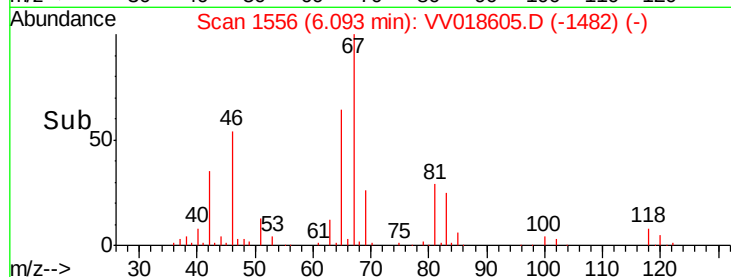
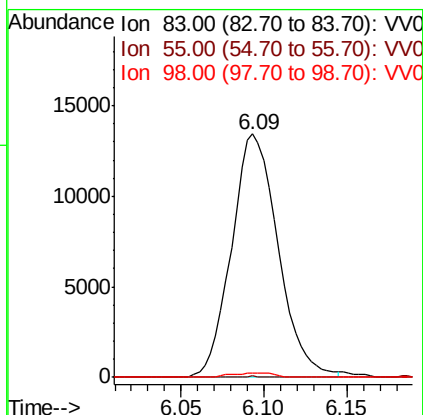
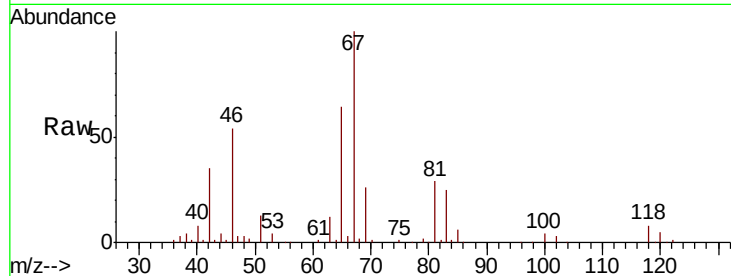




#35
Methylvlcyclohexane
Concen: 8.095 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018605.D
Acq: 01 Oct 2020 21:58

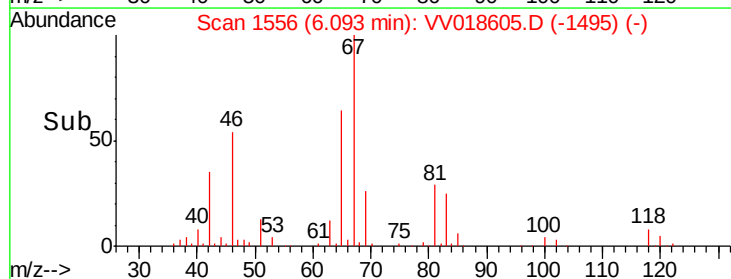
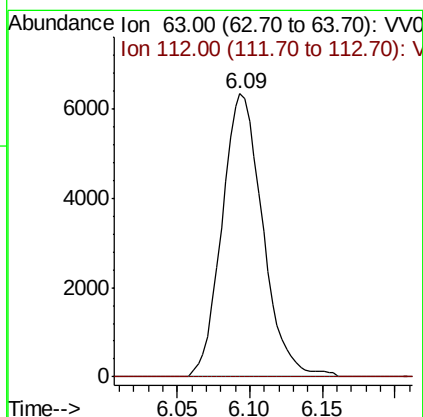
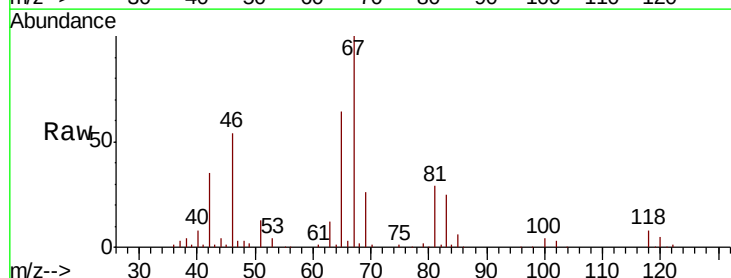
Instrument :
MSVOA_V
ClientSampleId :
E0AC2

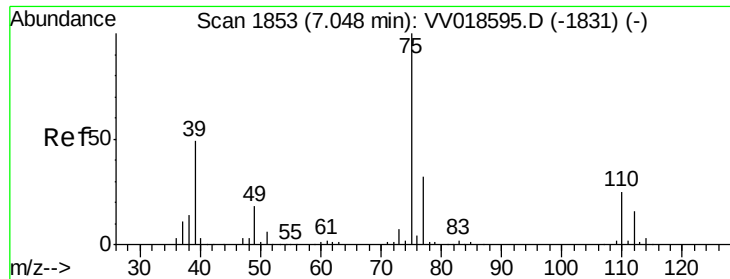
Tot Ion: 83 Resp: 26314
Ion Ratio Lower Upper
83 100
55 0.2 60.1 90.1#
98 1.2 40.2 60.4#



#37
1,2-Dichloropropane
Concen: 5.801 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018605.D
Acq: 01 Oct 2020 21:58

Tgt Ion: 63 Resp: 12354
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.854 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018605.D

Acq: 01 Oct 2020 21:58

Instrument :

MSVOA_V

ClientSampleId :

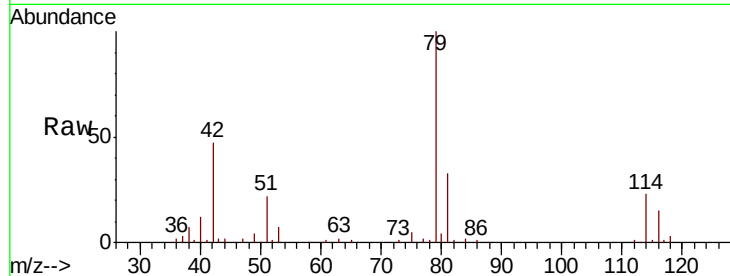
E0AC2

Tot Ion: 75 Resp: 2854

Ion Ratio Lower Upper

75 100

77 41.6 23.0 42.6



Abundance Ion 75.00 (74.70 to 75.70): VV018595.D (-1831) (-)

Ion 77.00 (76.70 to 77.70): VV018595.D (-1831) (-)

7.01

1500

1000

500

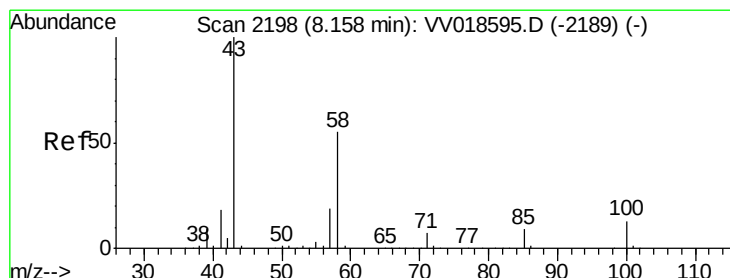
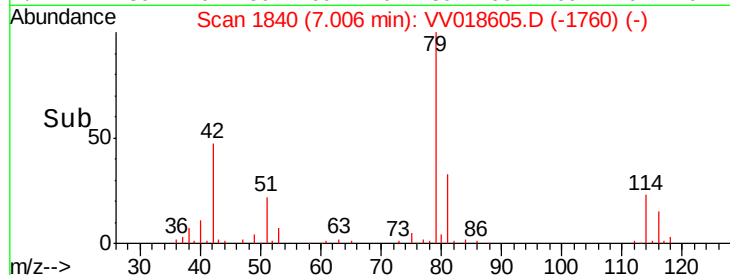
0

6.95

7.00

7.05

Time-->



#48

2-Hexanone

Concen: 6.728 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV018605.D

Acq: 01 Oct 2020 21:58

Tgt Ion: 43 Resp: 14425

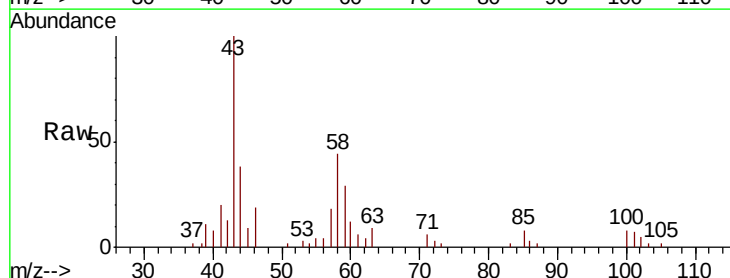
Ion Ratio Lower Upper

43 100

58 45.6 45.1 67.7

57 14.6 15.7 23.5#

100 7.4 11.0 16.4#



Abundance Ion 43.00 (42.70 to 43.70): VV018595.D (-2189) (-)

Ion 58.00 (57.70 to 58.70): VV018595.D (-2189) (-)

Ion 57.00 (56.70 to 57.70): VV018595.D (-2189) (-)

Ion 100.00 (99.70 to 100.70): VV018595.D (-2189) (-)

8.16

10000

8000

6000

4000

2000

0

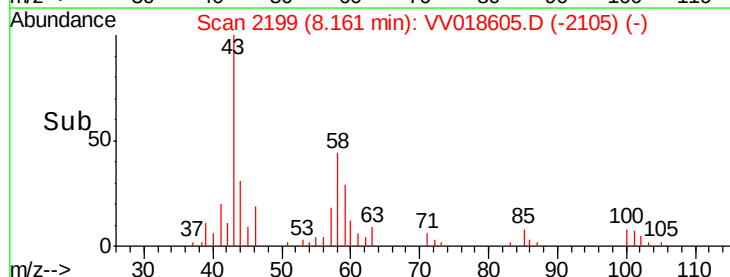
8.10

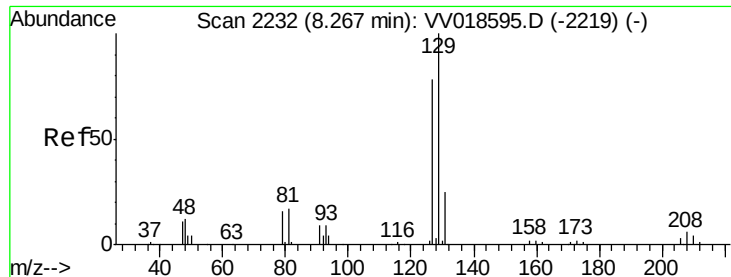
8.15

8.20

8.25

Time-->





#49

Dibromochloromethane

Concen: 0.615 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. -0.27 min

Lab File: VV018605.D

Acq: 01 Oct 2020 21:58

Instrument :

MSVOA_V

ClientSampleId :

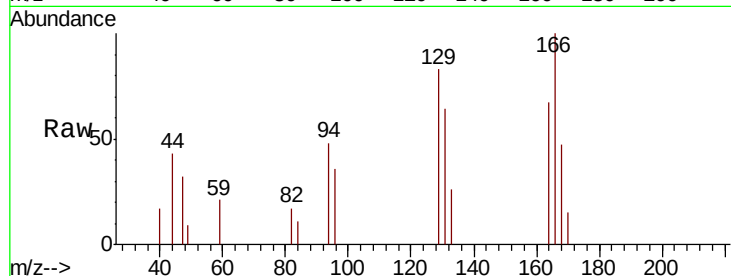
E0AC2

Tot Ion:129 Resp: 1482

Ion Ratio Lower Upper

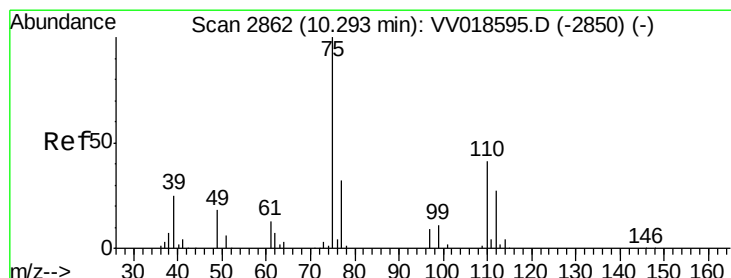
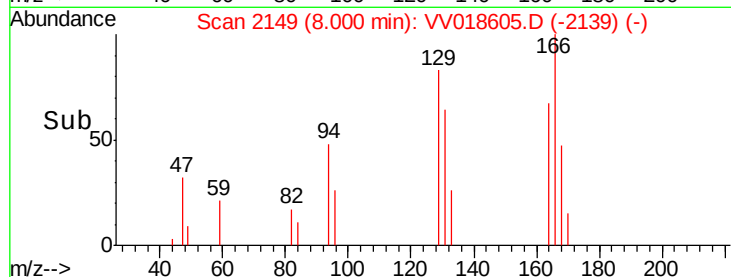
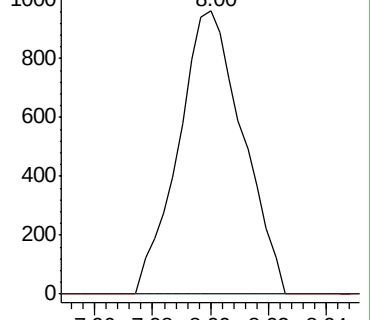
129 100

127 0.0 54.1 100.5#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 5.903 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018605.D

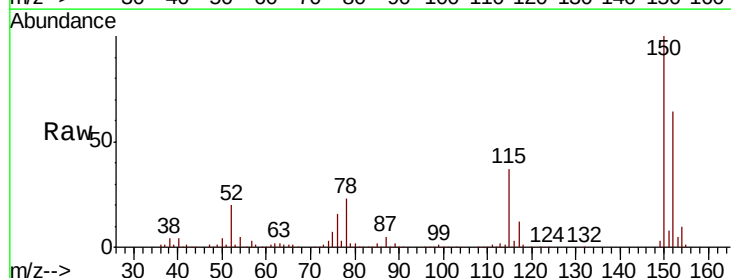
Acq: 01 Oct 2020 21:58

Tgt Ion: 75 Resp: 15292

Ion Ratio Lower Upper

75 100

77 40.6 25.4 38.0#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

