

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
 Data File : VV017305.D
 Acq On : 02 Jul 2020 13:01
 Operator : SY/MD
 Sample : L3154-06
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 03 01:16:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 03 01:13:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	164026	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	160624	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	72013	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	37345	3.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.80%
7) Chloroethane-d5	1.58	69	34167	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.12	63	60826	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	3.96	46	112250	44.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.48%
24) Chloroform-d	4.38	84	103508	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.06	65	57880	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.07	84	178661	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.10	67	54938	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.00%
41) Toluene-d8	7.34	98	155314	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
45) trans-1,3-Dichloropropene-	7.65	79	20402	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
48) 2-Hexanone-d5	8.12	63	69472	35.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.18%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38200	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	64995	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

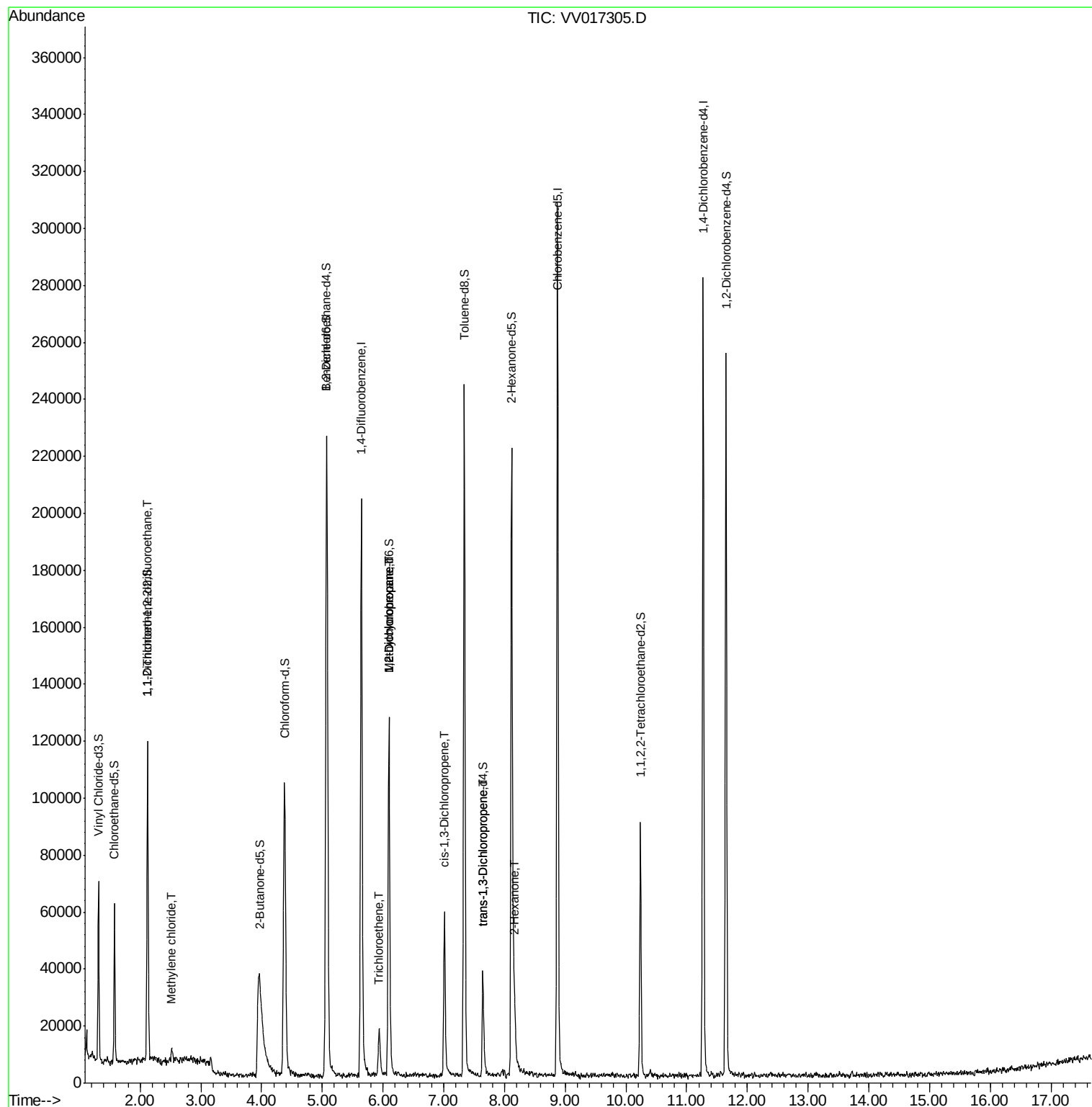
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	647	0.074 ug/L #	32
16) Methylene chloride	2.52	84	1892	0.224 ug/L #	65
34) Trichloroethene	5.94	95	4090	0.332 ug/L	96
35) Methylcyclohexane	6.09	83	14412	0.753 ug/L #	17
37) 1,2-Dichloropropane	6.10	63	7385	0.709 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	2053	0.133 ug/L #	80
46) trans-1,3-Dichloropropene	7.64	75	1102	0.082 ug/L	100
50) 2-Hexanone	8.17	43	12712	2.971 ug/L #	90

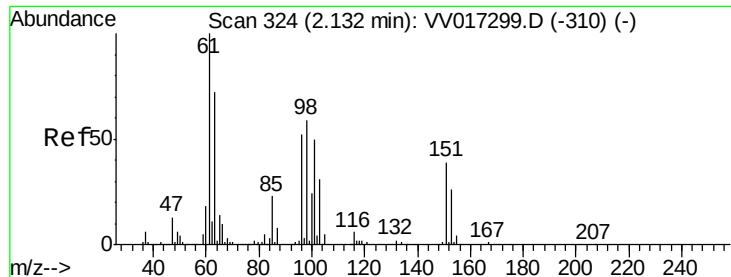
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 03 01:13:36 2020
Response via : Initial Calibration





#10

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

Concen: 0.074 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017305.D

Acq: 02 Jul 2020 13:01

Instrument :

MSVOA_V

ClientSampleId :

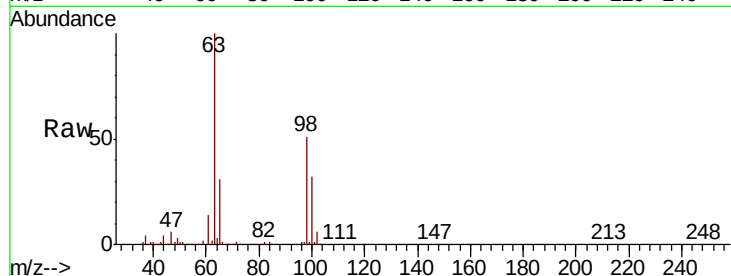
Tot Ion:101 Resp: 647

Ion Ratio Lower Upper

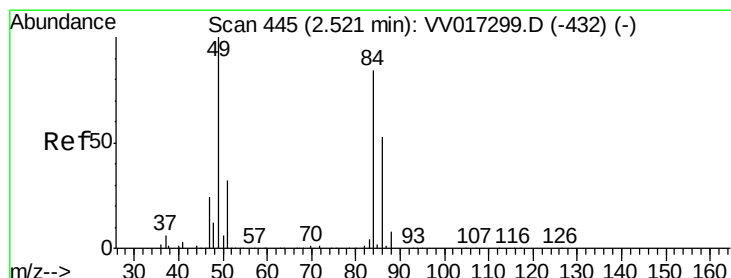
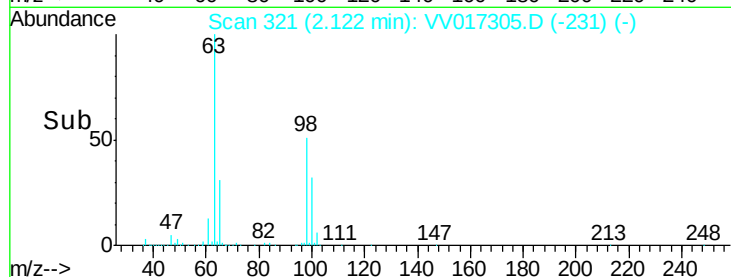
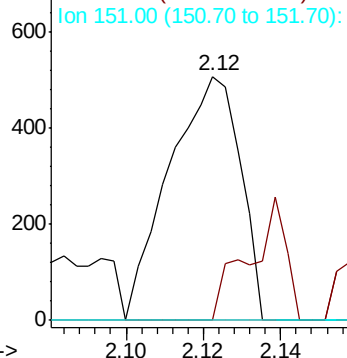
101 100

85 26.1 35.4 53.2#

151 0.0 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V



#16

Methylene chloride

Concen: 0.224 ug/L

RT: 2.52 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV017305.D

Acq: 02 Jul 2020 13:01

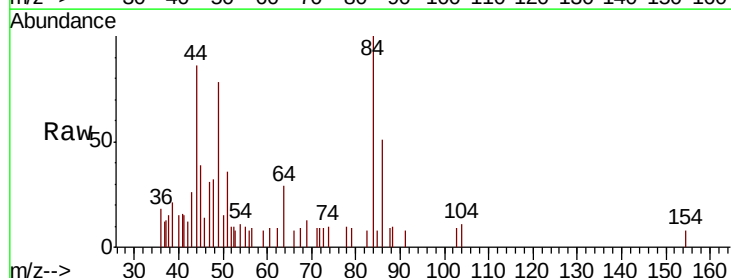
Tgt Ion: 84 Resp: 1892

Ion Ratio Lower Upper

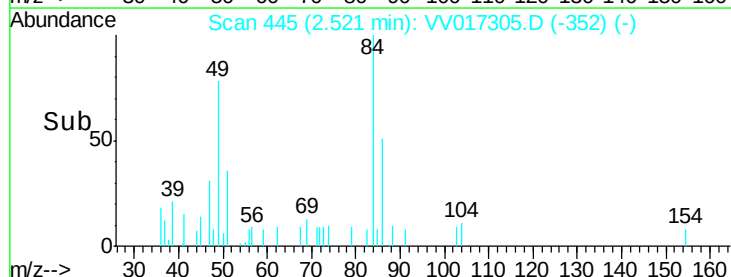
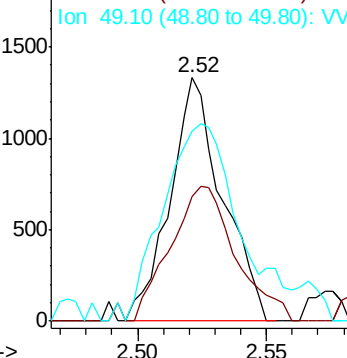
84 100

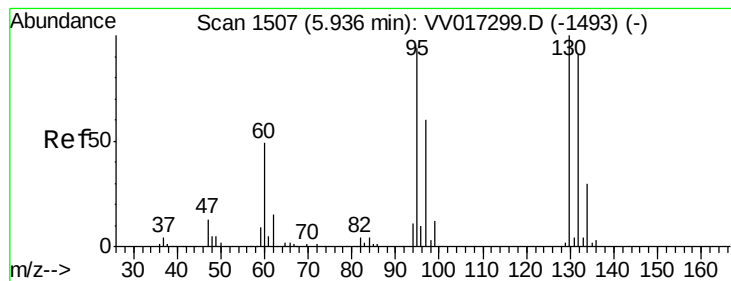
86 51.1 45.8 85.0

49 77.9 89.6 166.4#



Abundance Ion 84.05 (83.75 to 84.75): VV0





#34

Trichloroethene

Concen: 0.332 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017305.D

Acq: 02 Jul 2020 13:01

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 4090

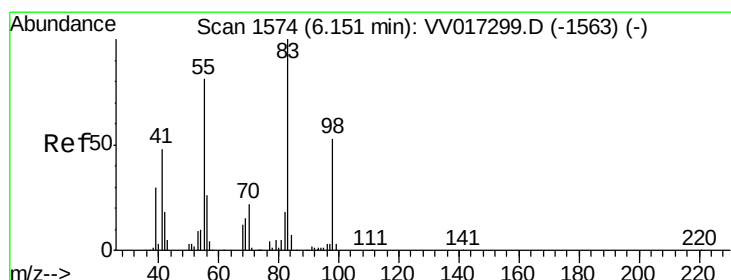
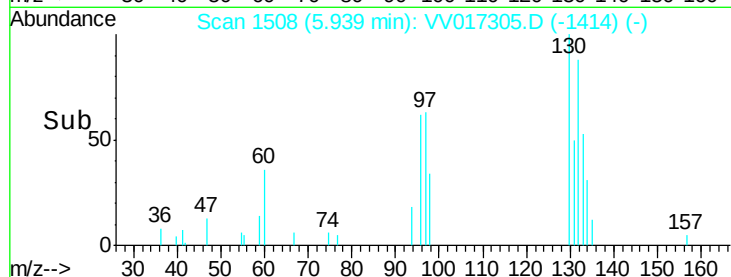
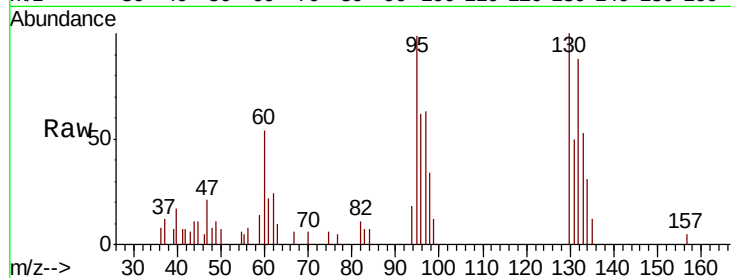
Ion Ratio Lower Upper

95 100

97 62.8 45.3 84.1

132 88.1 68.8 127.8

130 100.5 70.2 130.4



#35

Methylcyclohexane

Concen: 0.753 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV017305.D

Acq: 02 Jul 2020 13:01

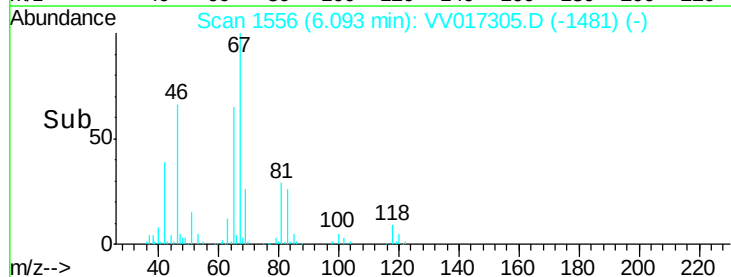
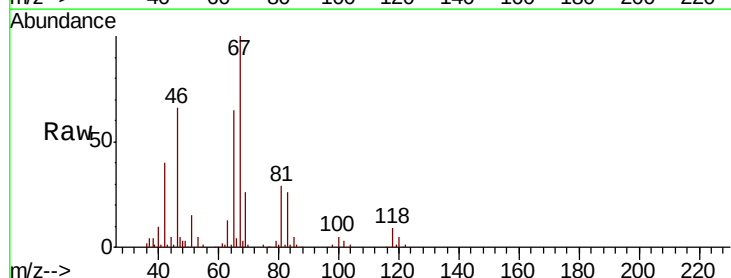
Tgt Ion: 83 Resp: 14412

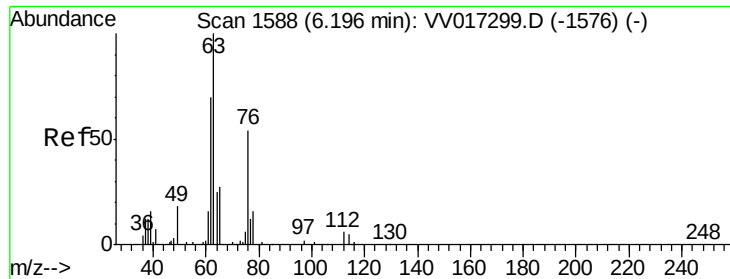
Ion Ratio Lower Upper

83 100

55 0.0 63.6 95.4#

98 0.5 38.8 58.2#

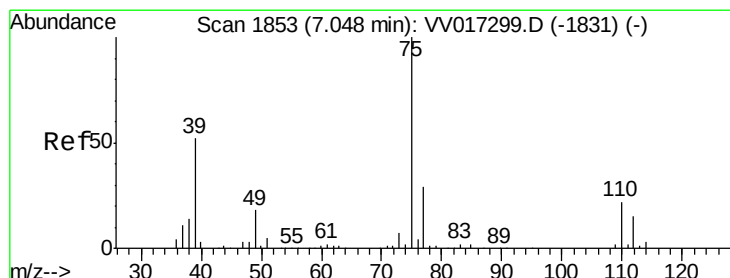
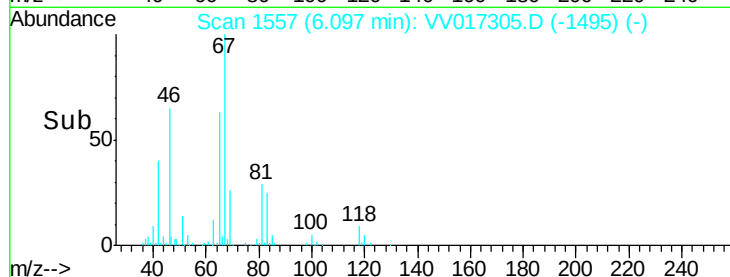
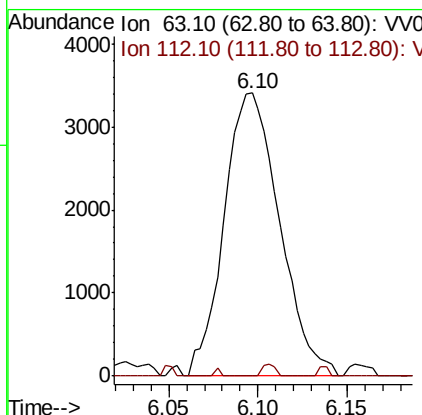
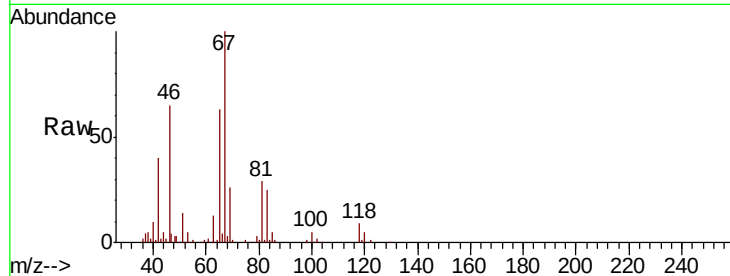




#37
 1,2-Dichloropropane
 Concen: 0.709 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV017305.D
 Acq: 02 Jul 2020 13:01

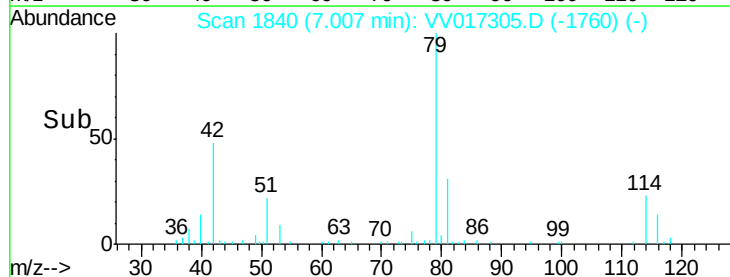
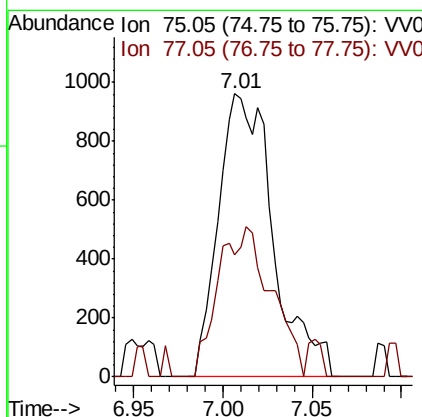
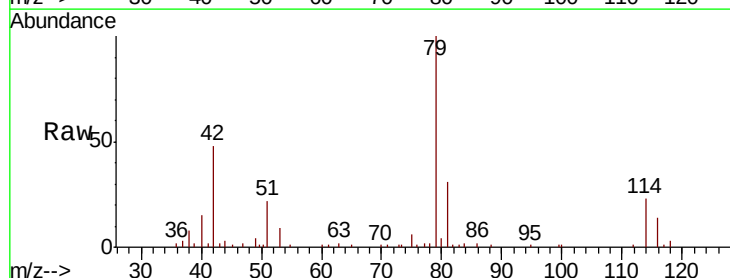
Instrument :
 MSVOA_V
 ClientSampleId :

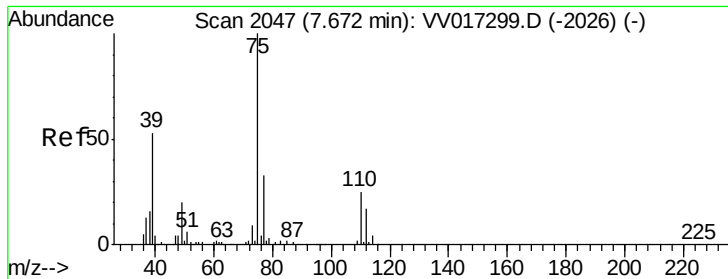
Tot Ion: 63 Resp: 7385
 Ion Ratio Lower Upper
 63 100
 112 1.0 4.4 6.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.133 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV017305.D
 Acq: 02 Jul 2020 13:01

Tgt Ion: 75 Resp: 2053
 Ion Ratio Lower Upper
 75 100
 77 43.1 22.3 41.5#





#46

trans-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV017305.D

Acq: 02 Jul 2020 13:01

Instrument :

MSVOA_V

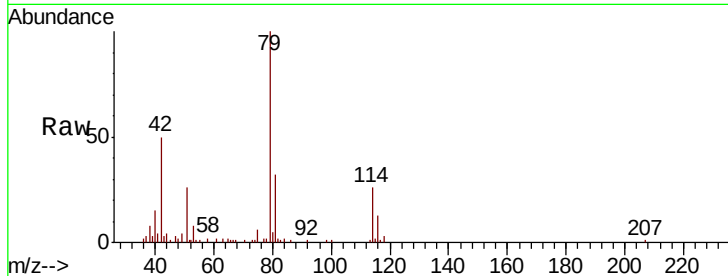
ClientSampleId :

Tot Ion: 75 Resp: 1102

Ion Ratio Lower Upper

75 100

77 31.7 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.64

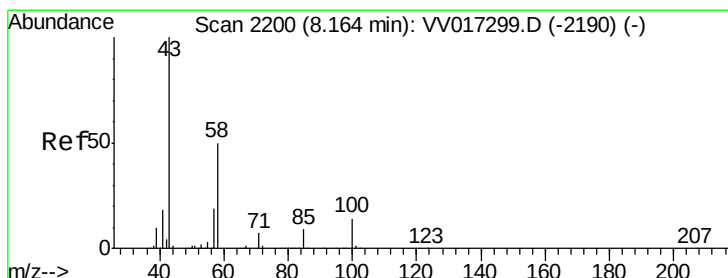
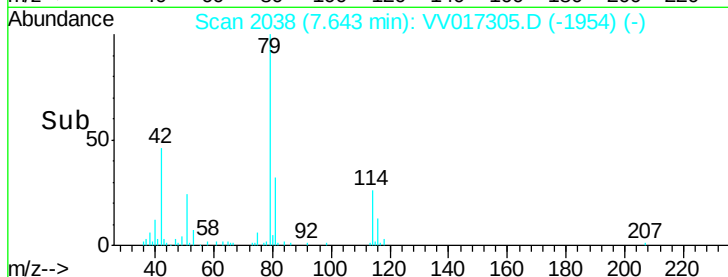
600

400

200

0

Time-->



#50

2-Hexanone

Concen: 2.971 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.00 min

Lab File: VV017305.D

Acq: 02 Jul 2020 13:01

Tgt Ion: 43 Resp: 12712

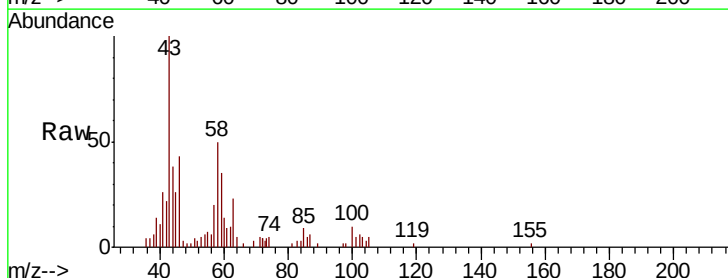
Ion Ratio Lower Upper

43 100

58 43.9 41.6 62.4

57 18.9 15.4 23.0

100 5.8 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

Time-->

