

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052920\
 Data File : VV016340.D
 Acq On : 30 May 2020 03:33
 Operator : SY/MD
 Sample : L2826-13
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 30 05:29:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 30 03:05:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	79037	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	71940	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	27013	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23094	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.58	69	18683	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.12	63	33838	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.98	46	49473	39.29	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.58%
24) Chloroform-d	4.38	84	48175	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.06	65	26923	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.07	84	93502	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.10	67	29456	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.34	98	82935	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
45) trans-1,3-Dichloropropene-	7.65	79	8571	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
48) 2-Hexanone-d5	8.12	63	47005	49.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.74%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	18203	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	22795	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

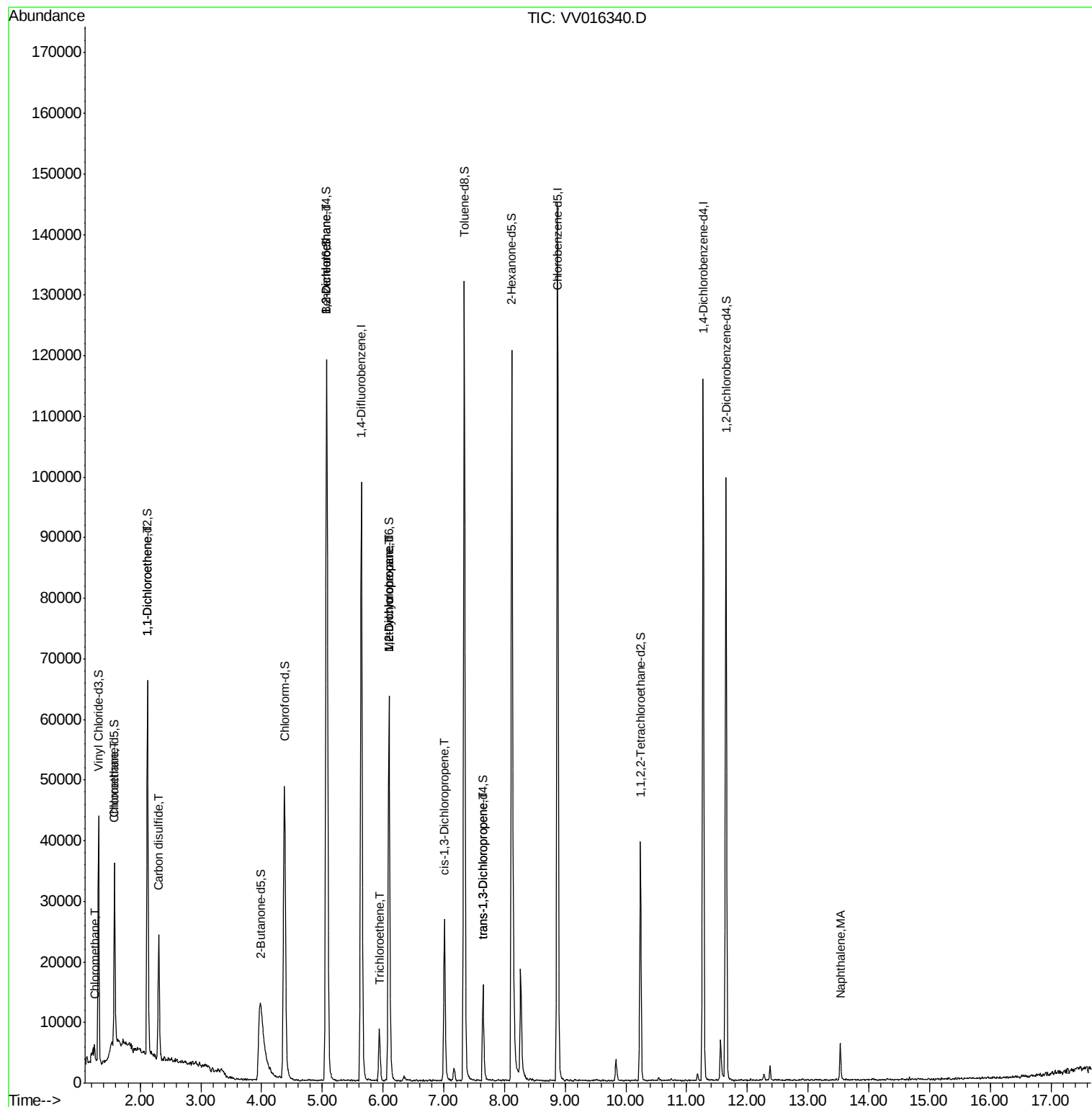
					Ovalue
3) Chloromethane	1.25	50	1378	0.181 ug/L	94
8) Chloroethane	1.57	64	778	0.201 ug/L #	54
12) 1,1-Dichloroethene	2.12	96	333	0.071 ug/L #	1
14) Carbon disulfide	2.31	76	21468	1.486 ug/L	98
27) 1,2-Dichloroethane	5.06	62	307	0.046 ug/L #	79
34) Trichloroethene	5.94	95	3146	0.583 ug/L	95
35) Methylcyclohexane	6.10	83	7294	0.802 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	3638	0.716 ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	772	0.107 ug/L #	49
46) trans-1,3-Dichloropropene	7.64	75	302	0.051 ug/L #	44
70) Naphthalene	13.53	128	4854	0.434 ug/L #	94

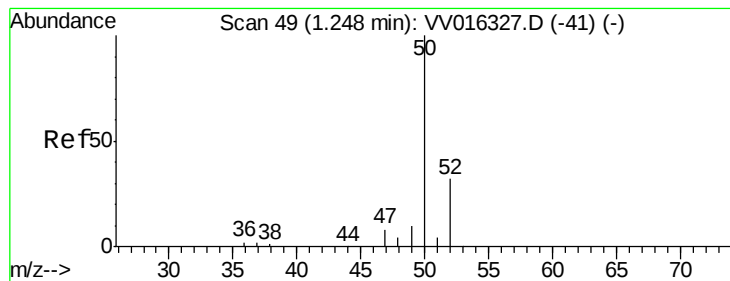
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 30 03:05:25 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.181 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV016340.D

Acq: 30 May 2020 03:33

Instrument :

MSVOA_V

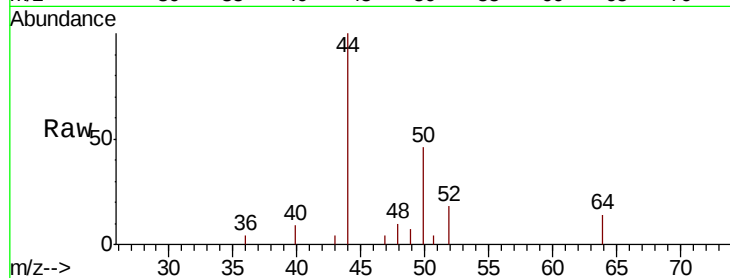
ClientSampleId :

Tot Ion: 50 Resp: 1378

Ion Ratio Lower Upper

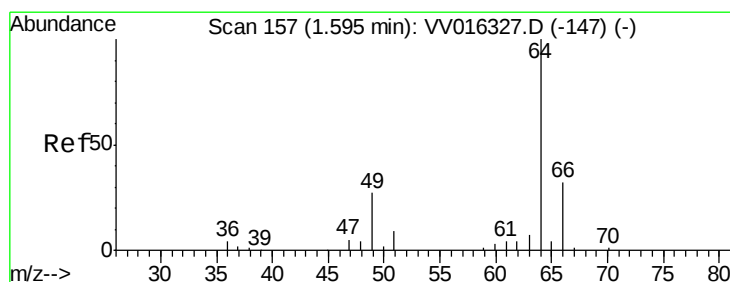
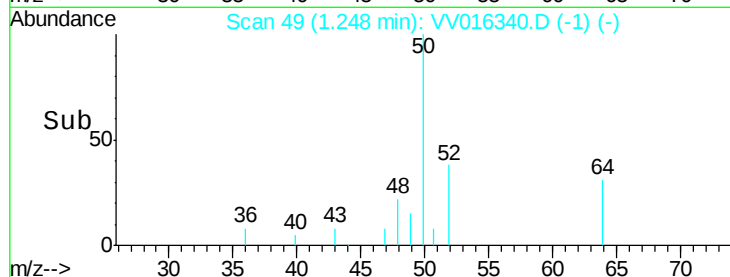
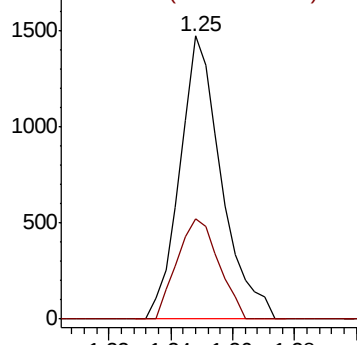
50 100

52 35.4 22.5 41.9



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.201 ug/L

RT: 1.57 min Scan# 148

Delta R.T. -0.03 min

Lab File: VV016340.D

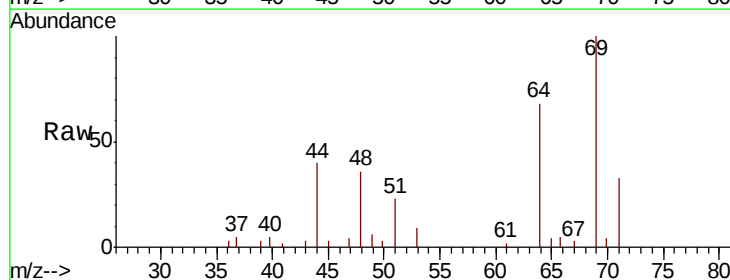
Acq: 30 May 2020 03:33

Tgt Ion: 64 Resp: 778

Ion Ratio Lower Upper

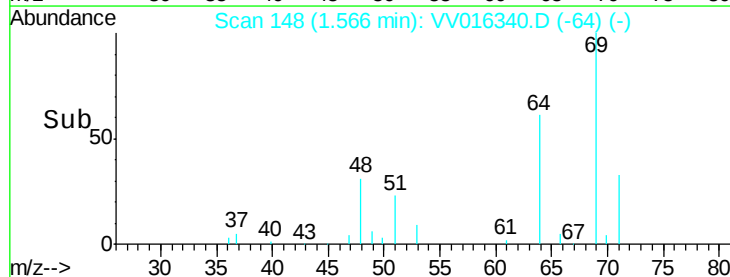
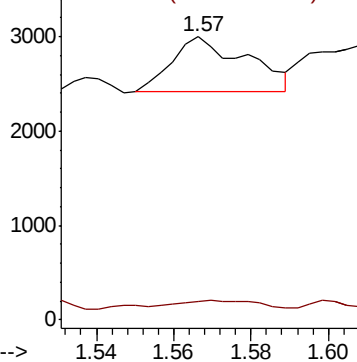
64 100

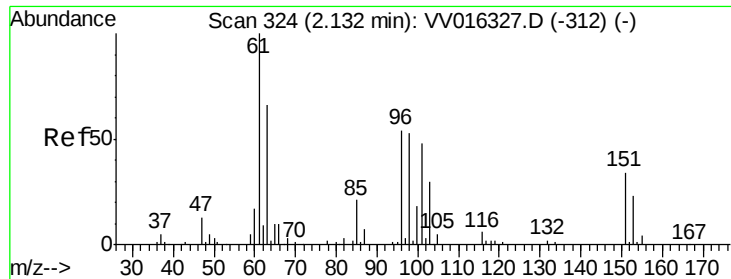
66 6.6 22.9 42.5#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#12

1,1-Dichloroethene

Concen: 0.071 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.02 min

Lab File: VV016340.D

Acq: 30 May 2020 03:33

Instrument :

MSVOA_V

ClientSampleId :

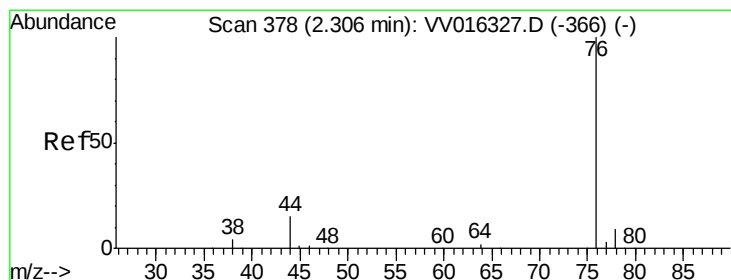
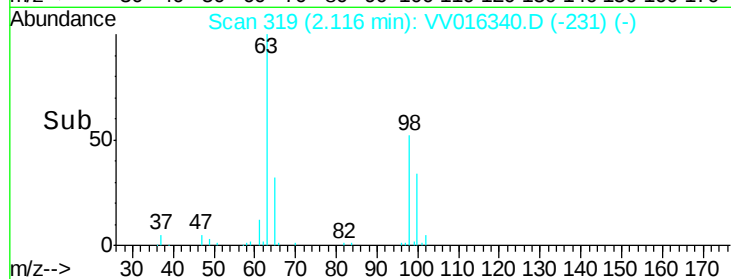
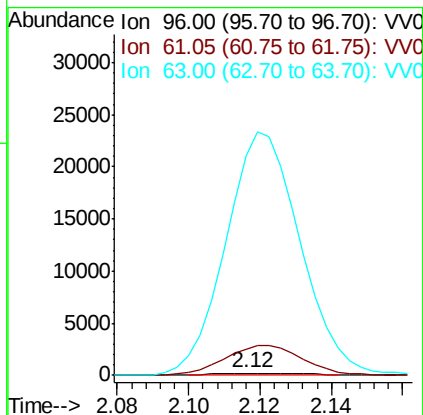
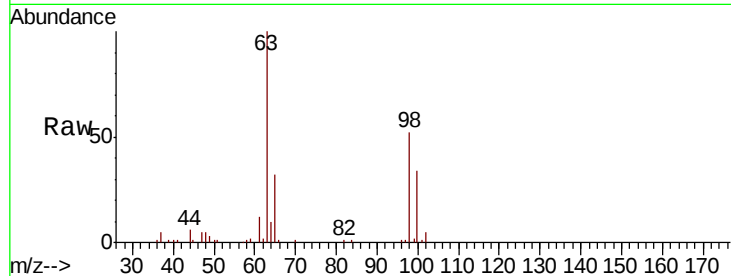
Tot Ion: 96 Resp: 333

Ion Ratio Lower Upper

96 100

61 1183.3 124.9 231.9#

63 9748.1 80.4 149.2#



#14

Carbon disulfide

Concen: 1.486 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VV016340.D

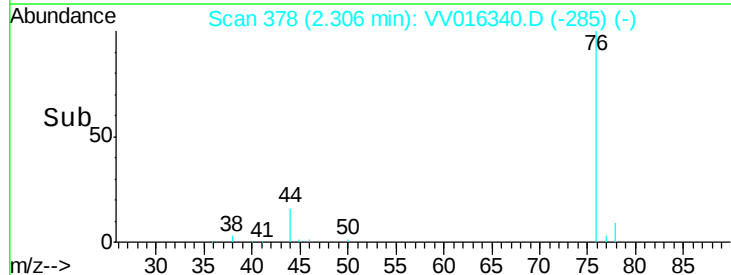
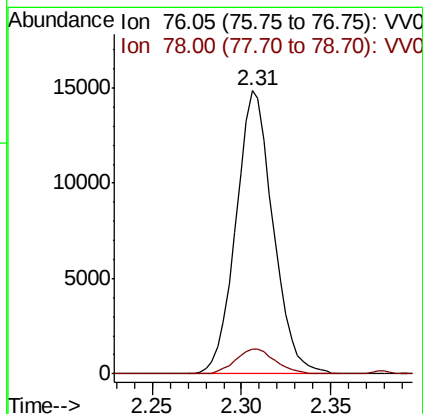
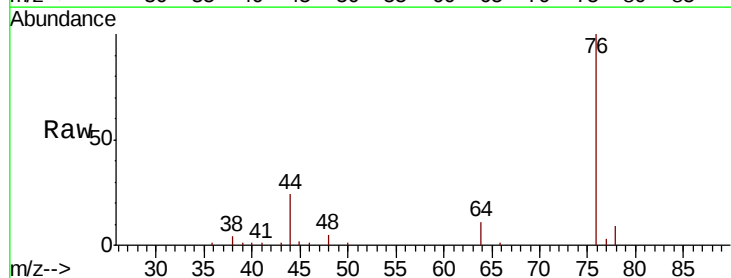
Acq: 30 May 2020 03:33

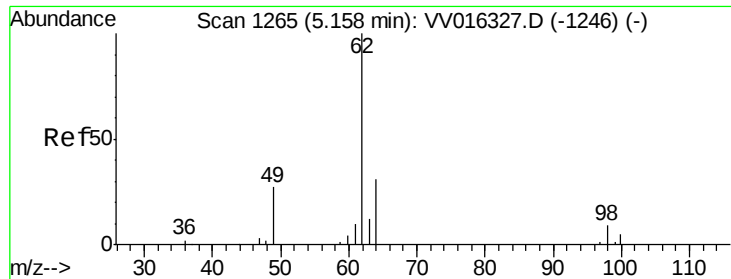
Tgt Ion: 76 Resp: 21468

Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.0





#27

1,2-Dichloroethane

Concen: 0.046 ug/L

RT: 5.06 min Scan# 1236

Delta R.T. -0.09 min

Lab File: VV016340.D

Acq: 30 May 2020 03:33

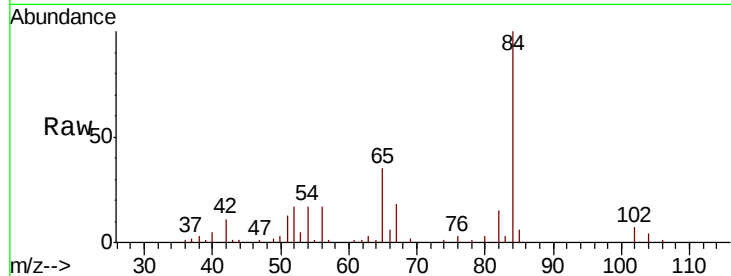
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 62 Resp: 307

Ion Ratio Lower Upper

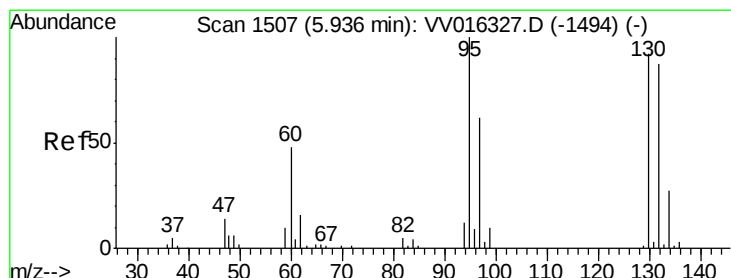
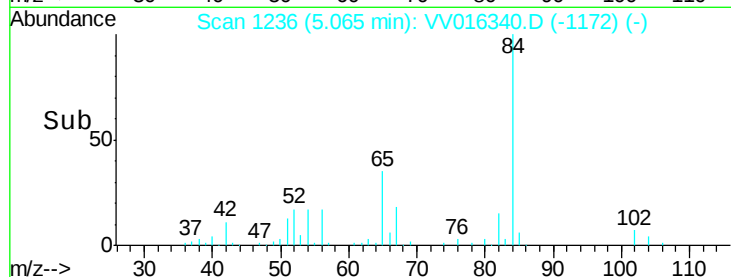
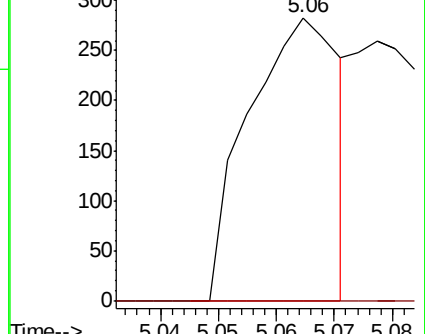
62 100

98 0.0 5.7 8.5#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0



#34

Trichloroethene

Concen: 0.583 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV016340.D

Acq: 30 May 2020 03:33

Tgt Ion: 95 Resp: 3146

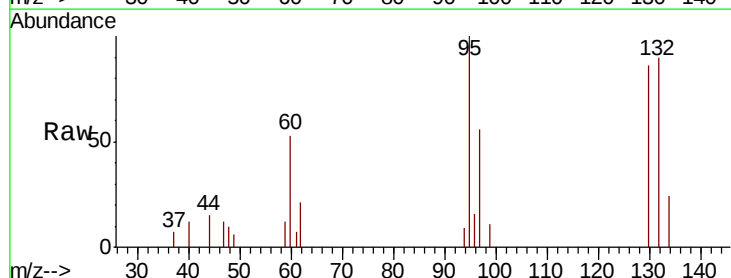
Ion Ratio Lower Upper

95 100

97 56.2 43.6 81.0

132 89.9 63.9 118.7

130 85.7 65.2 121.0

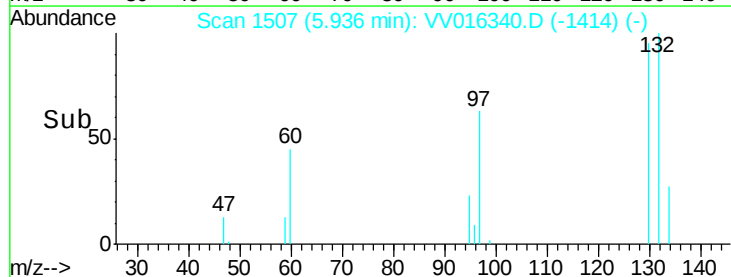
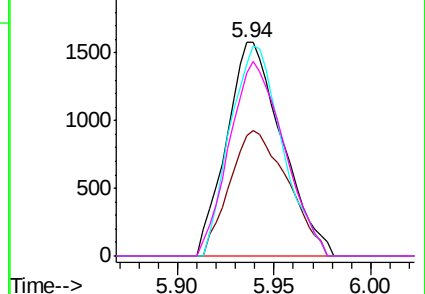


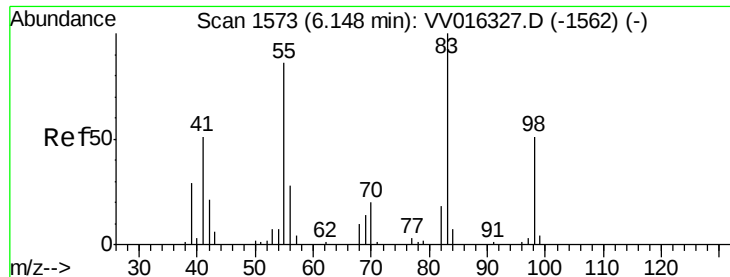
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

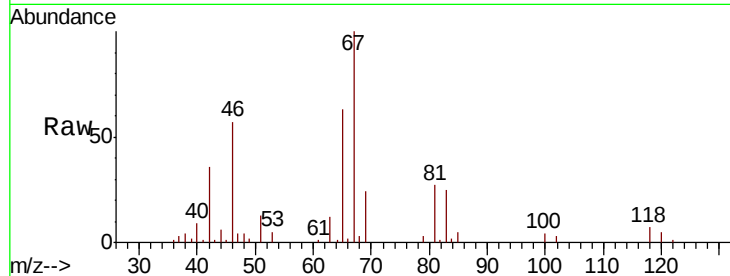




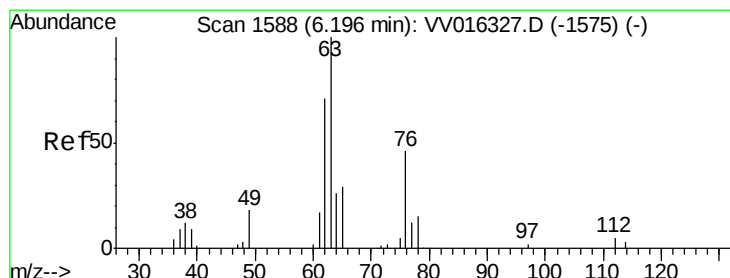
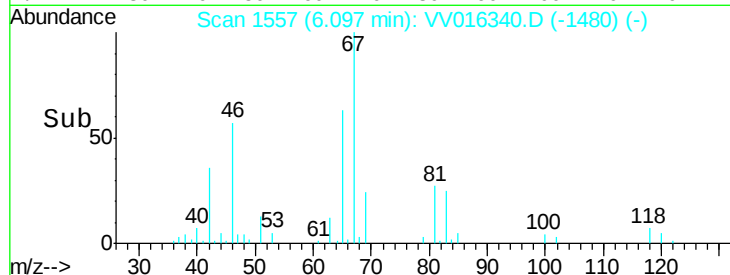
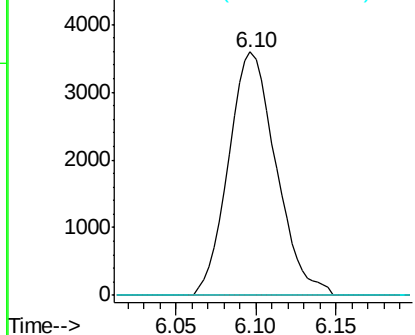
#35
Methvlcvclohexane
Concen: 0.802 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV016340.D
Acq: 30 May 2020 03:33

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 7294
Ion Ratio Lower Upper
83 100
55 0.0 65.4 98.0#
98 0.8 39.3 58.9#

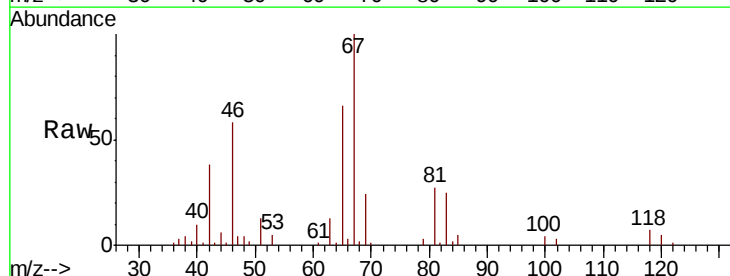


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

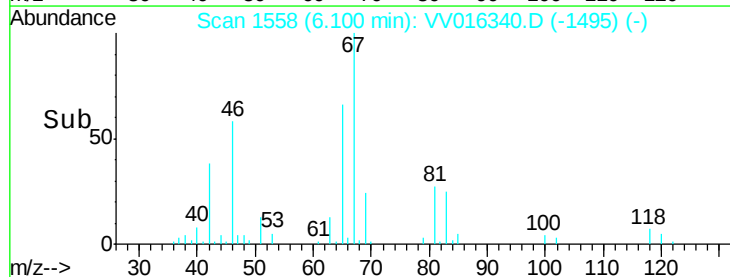
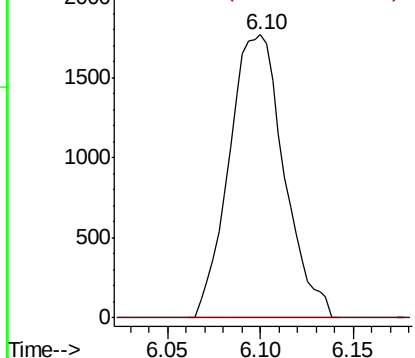


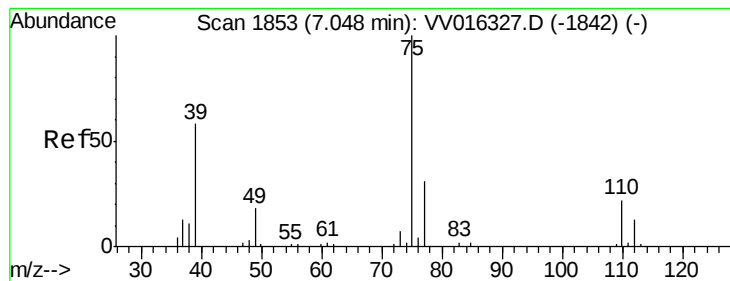
#37
1,2-Dichloropropane
Concen: 0.716 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.10 min
Lab File: VV016340.D
Acq: 30 May 2020 03:33

Tgt Ion: 63 Resp: 3638
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V



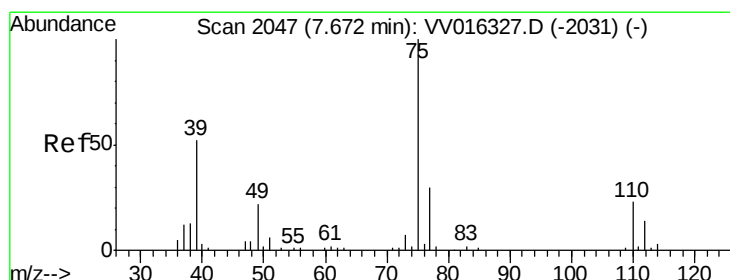
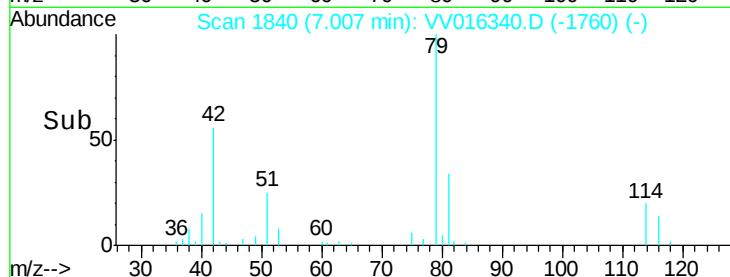
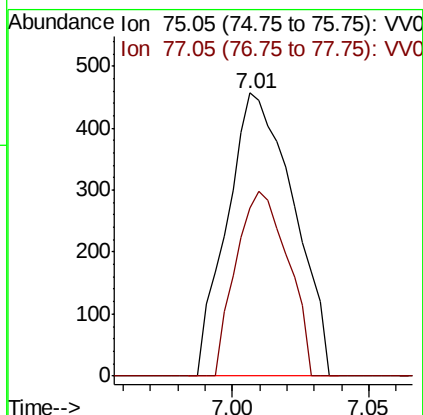
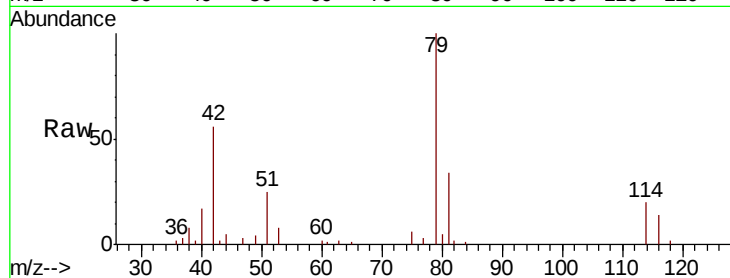


#39

cis-1,3-Dichloropropene
Concen: 0.107 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV016340.D
Acq: 30 May 2020 03:33

Instrument :
MSVOA_V
ClientSampleId :

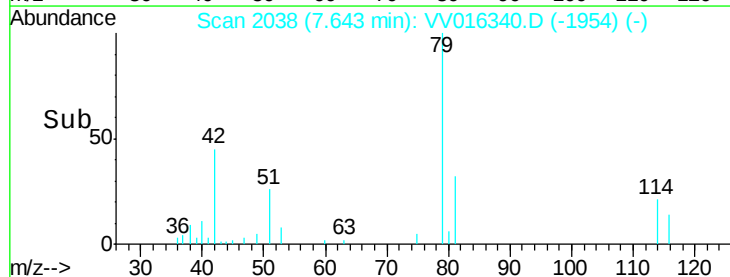
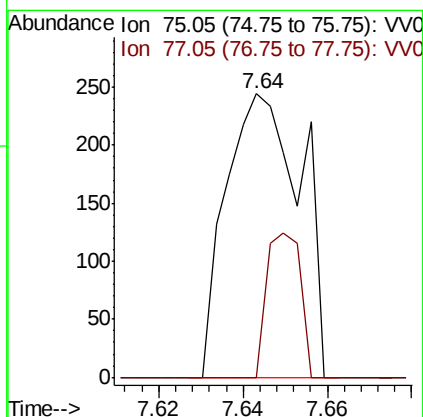
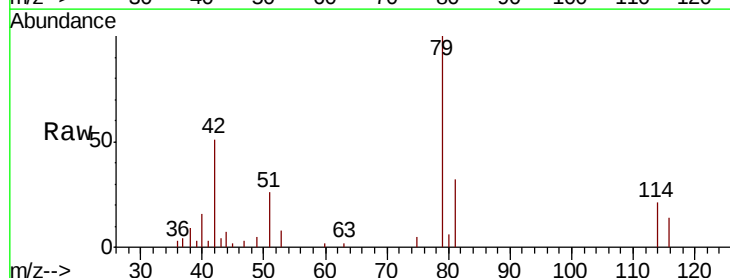
Tot Ion: 75 Resp: 772
Ion Ratio Lower Upper
75 100
77 59.3 21.7 40.3#

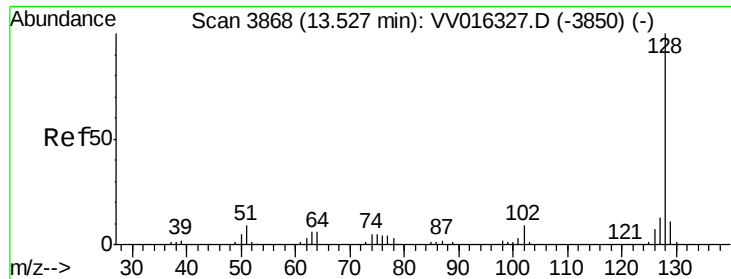


#46

trans-1,3-Dichloropropene
Concen: 0.051 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV016340.D
Acq: 30 May 2020 03:33

Tgt Ion: 75 Resp: 302
Ion Ratio Lower Upper
75 100
77 0.0 21.7 40.3#





#70

Naphthalene

Concen: 0.434 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.00 min

Lab File: VV016340.D

Acq: 30 May 2020 03:33

Instrument :

MSVOA_V

ClientSampleId :

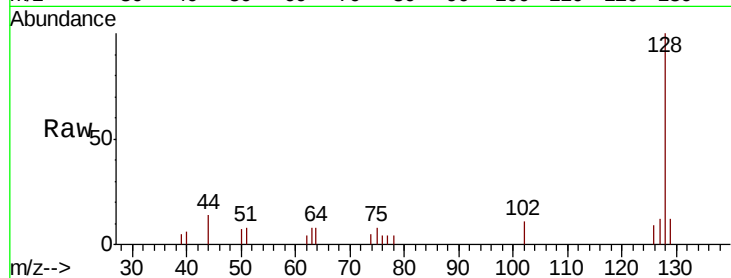
Tot Ion:128 Resp: 4854

Ion Ratio Lower Upper

128 100

129 9.5 8.6 13.0

127 9.8 10.6 15.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

