

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052920\
 Data File : VV016344.D
 Acq On : 30 May 2020 05:12
 Operator : SY/MD
 Sample : L2662-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 30 06:46:45 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	76806	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	71813	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	26022	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	22782	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.58	69	18350	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.60%
11) 1,1-Dichloroethene-d2	2.12	63	33452	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	3.98	46	43644	35.67	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.34%
24) Chloroform-d	4.38	84	47860	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.06	65	27282	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.07	84	92090	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.10	67	28551	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.34	98	80390	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
45) trans-1,3-Dichloropropene-	7.65	79	8624	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
48) 2-Hexanone-d5	8.12	63	43218	45.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.86%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	17055	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	21503	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

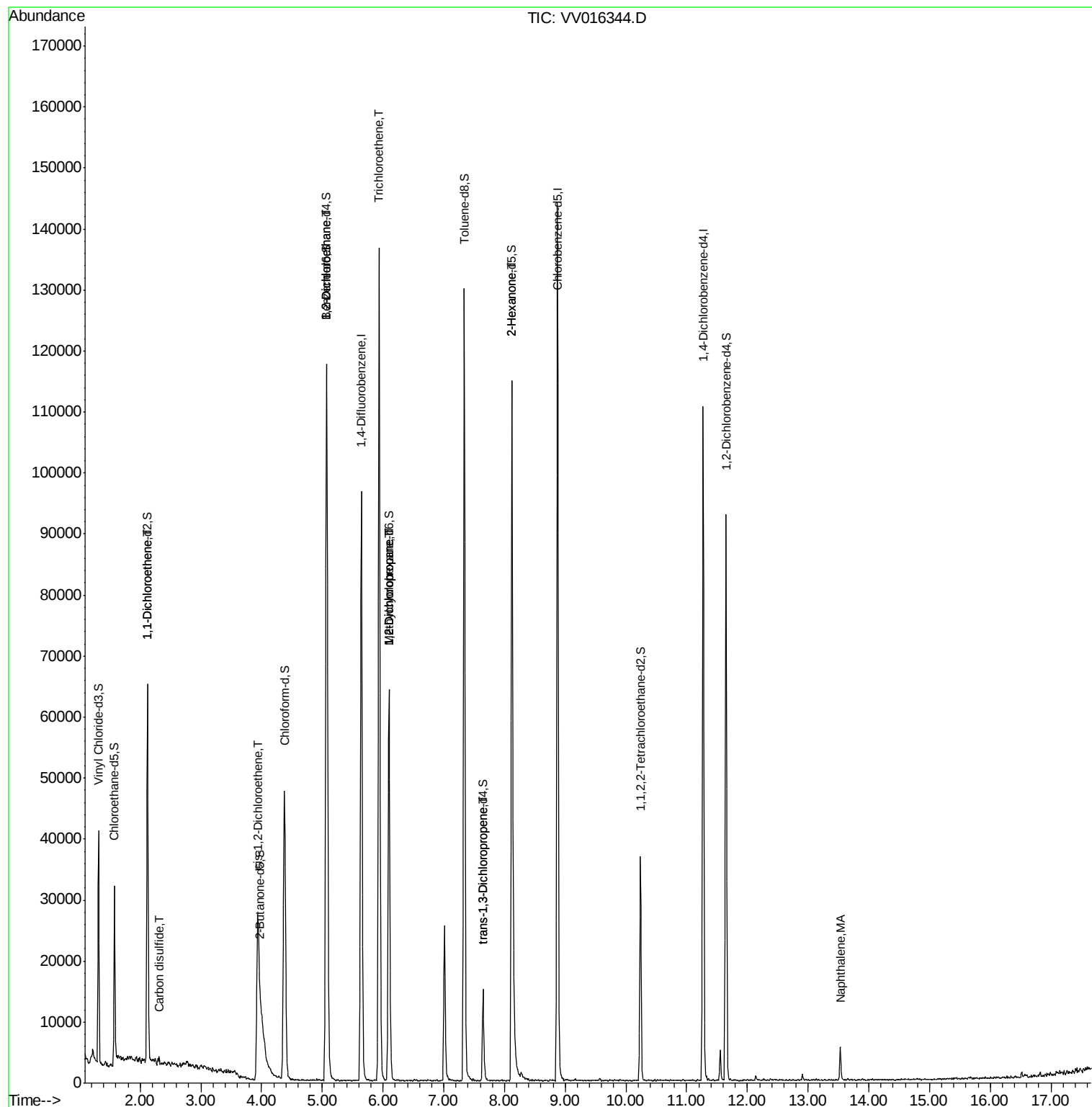
					Ovalue
12) 1,1-Dichloroethene	2.13	96	774	0.171 ug/L #	1
14) Carbon disulfide	2.31	76	656	0.047 ug/L #	46
22) cis-1,2-Dichloroethene	3.94	96	12658	2.159 ug/L	99
27) 1,2-Dichloroethane	5.07	62	680	0.104 ug/L #	79
34) Trichloroethene	5.94	95	45923	8.530 ug/L	96
35) Methylcyclohexane	6.10	83	6952	0.766 ug/L #	17
37) 1,2-Dichloropropane	6.10	63	3467	0.684 ug/L #	88
46) trans-1,3-Dichloropropene	7.65	75	407	0.068 ug/L #	56
50) 2-Hexanone	8.12	43	6171	2.806 ug/L #	71
70) Naphthalene	13.53	128	4452	0.413 ug/L	98

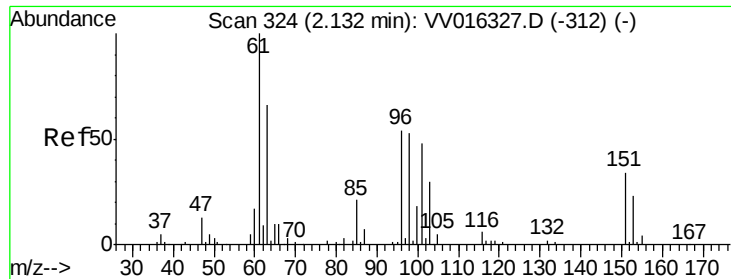
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 30 03:05:25 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.171 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV016344.D

Acq: 30 May 2020 05:12

Instrument :

MSVOA_V

ClientSampled :

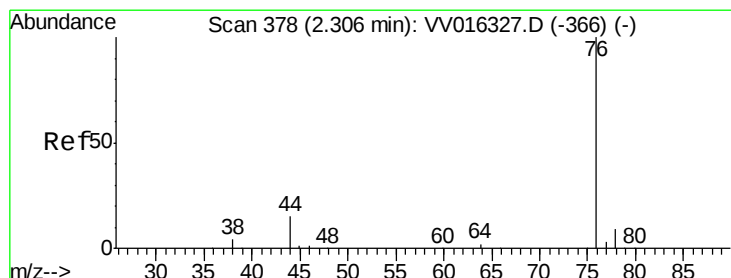
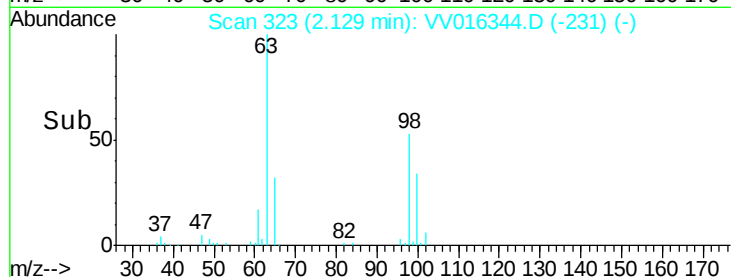
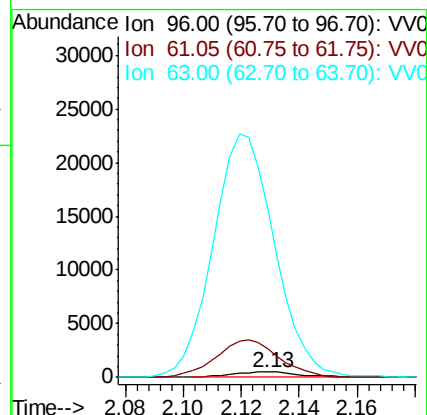
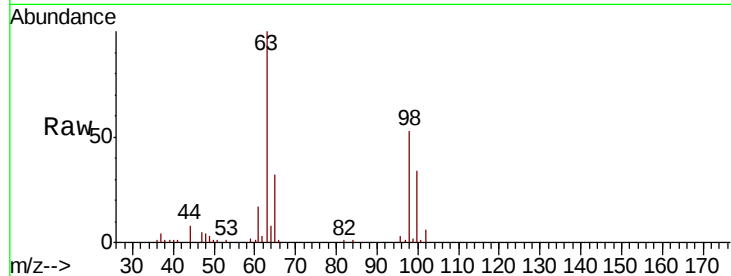
Tot Ion: 96 Resp: 774

Ion Ratio Lower Upper

96 100

61 518.4 124.9 231.9#

63 3069.6 80.4 149.2#



#14

Carbon disulfide

Concen: 0.047 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV016344.D

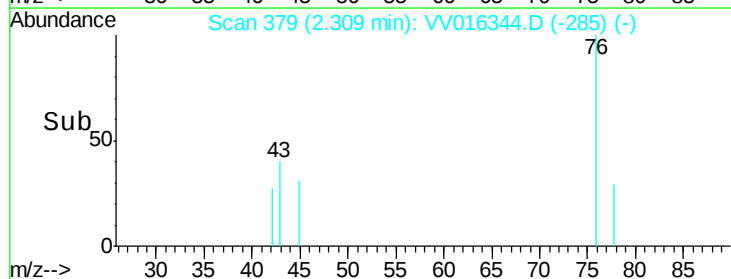
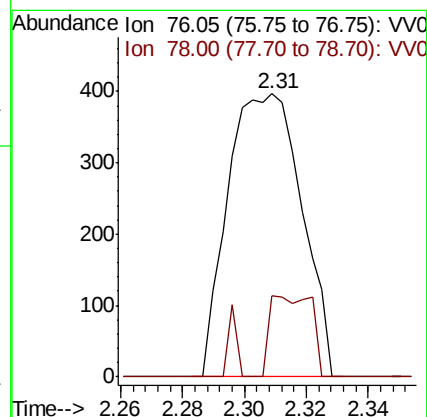
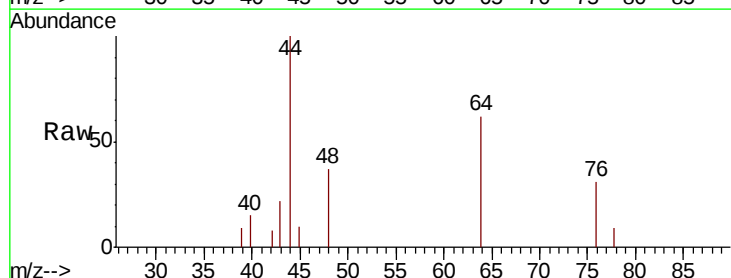
Acq: 30 May 2020 05:12

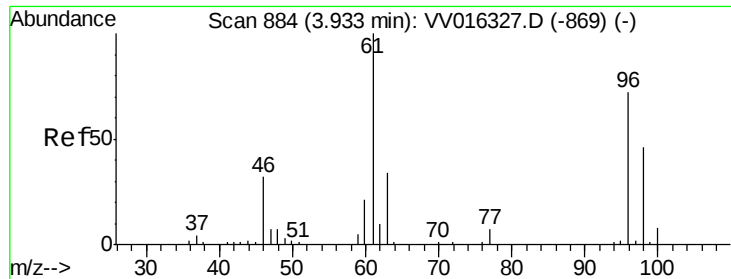
Tgt Ion: 76 Resp: 656

Ion Ratio Lower Upper

76 100

78 28.7 7.4 11.0#

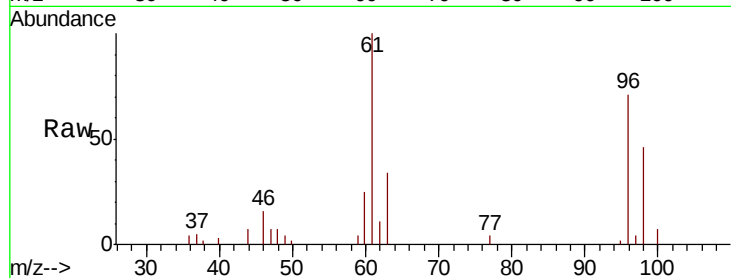




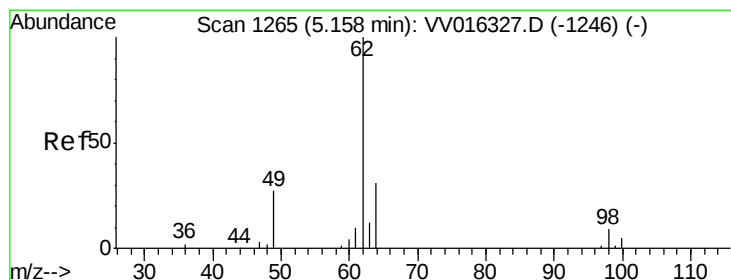
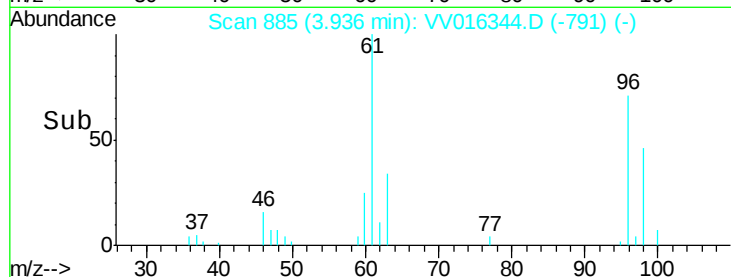
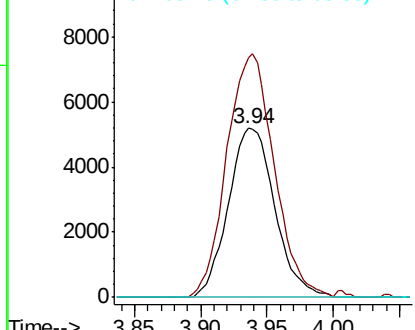
#22
 cis-1,2-Dichloroethene
 Concen: 2.159 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV016344.D
 Acq: 30 May 2020 05:12

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 96 Resp: 12658
 Ion Ratio Lower Upper
 96 100
 61 141.7 99.7 185.1
 68 0.0 0.0 0.0

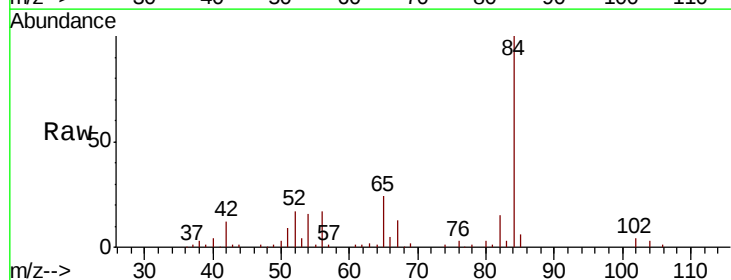


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0

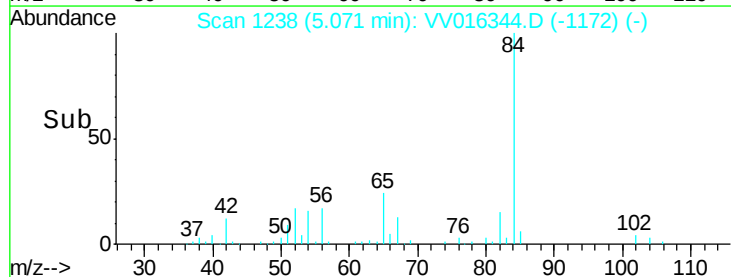
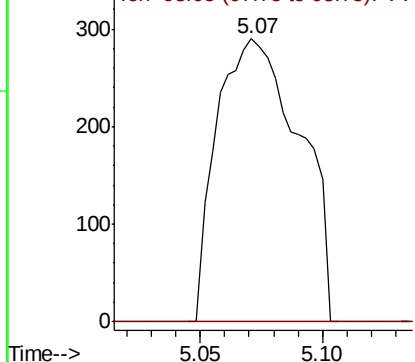


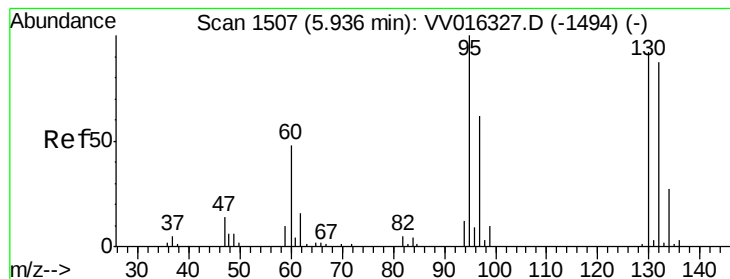
#27
 1,2-Dichloroethane
 Concen: 0.104 ug/L
 RT: 5.07 min Scan# 1238
 Delta R.T. -0.09 min
 Lab File: VV016344.D
 Acq: 30 May 2020 05:12

Tgt Ion: 62 Resp: 680
 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: 8.530 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV016344.D

Acq: 30 May 2020 05:12

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 45923

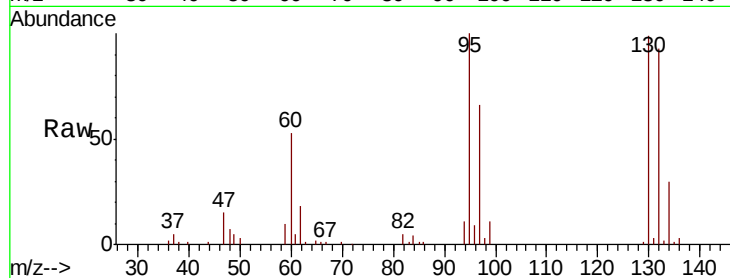
Ion Ratio Lower Upper

95 100

97 66.0 43.6 81.0

132 93.5 63.9 118.7

130 98.8 65.2 121.0

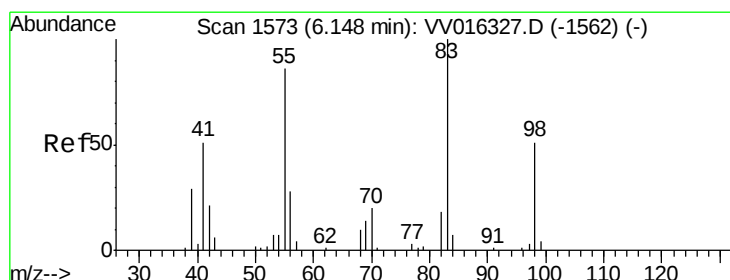
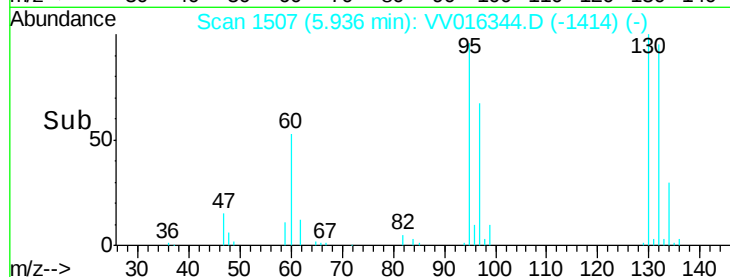
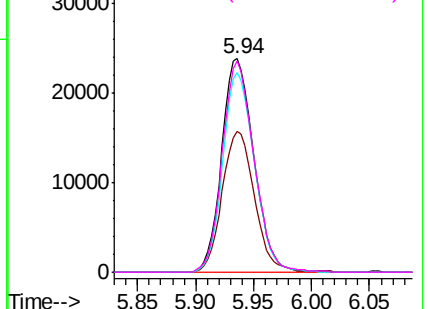


Abundance Ion 95.00 (94.70 to 95.70): VV0

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

Methylcyclohexane

Concen: 0.766 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV016344.D

Acq: 30 May 2020 05:12

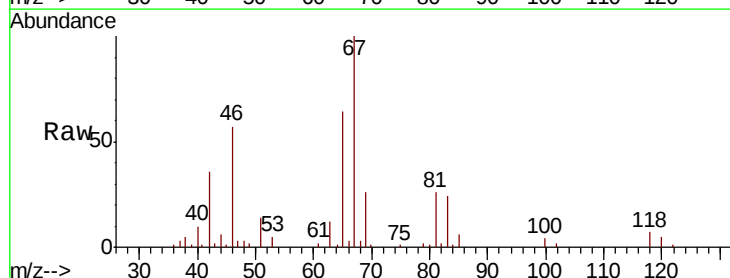
Tgt Ion: 83 Resp: 6952

Ion Ratio Lower Upper

83 100

55 0.3 65.4 98.0#

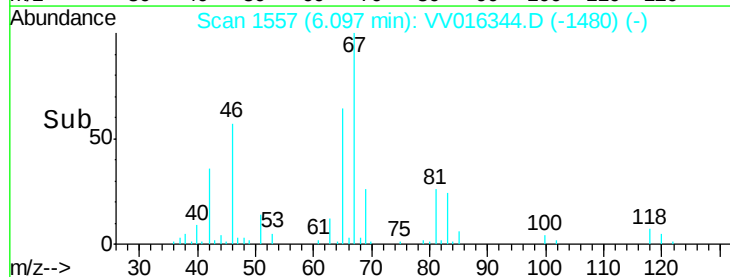
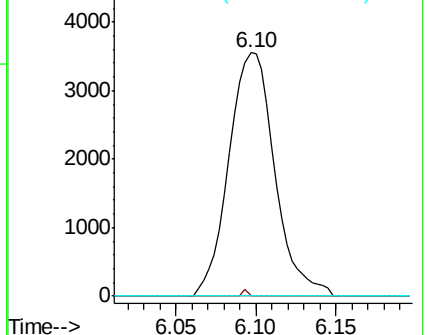
98 1.3 39.3 58.9#

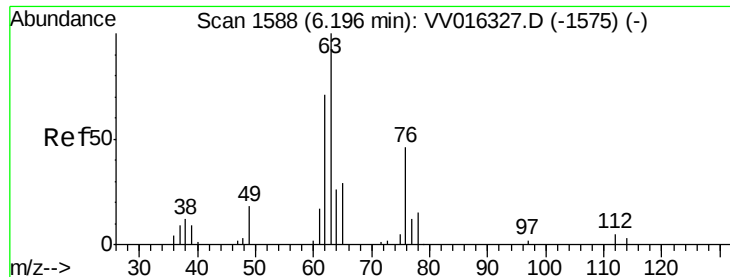


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

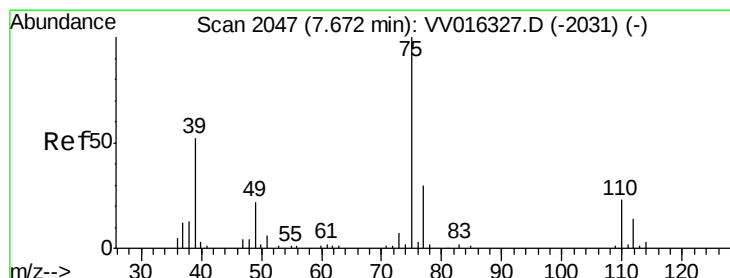
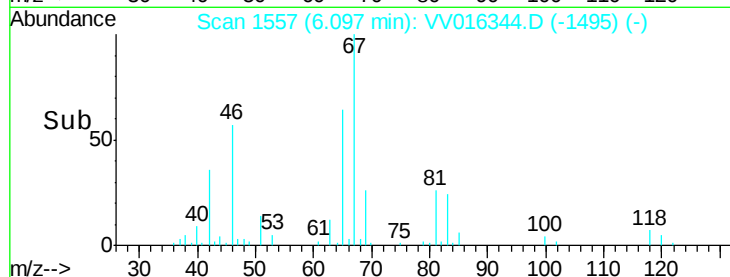
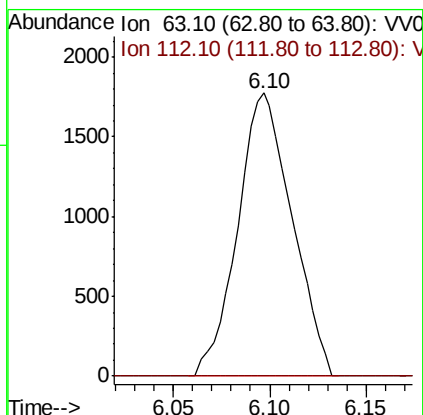
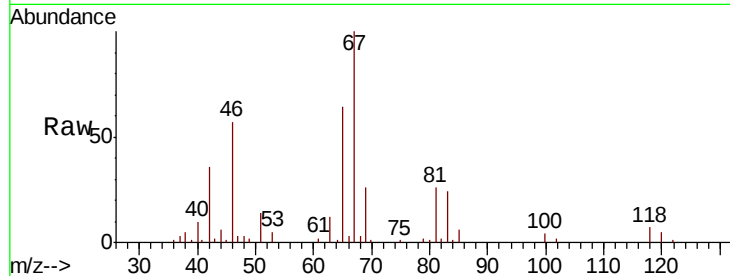




#37
 1,2-Dichloropropane
 Concen: 0.684 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV016344.D
 Acq: 30 May 2020 05:12

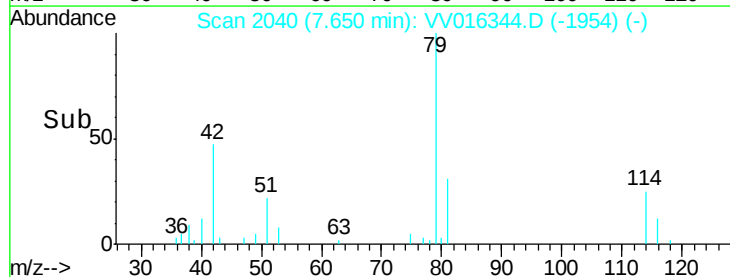
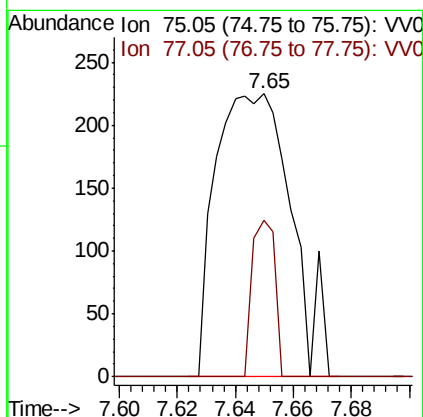
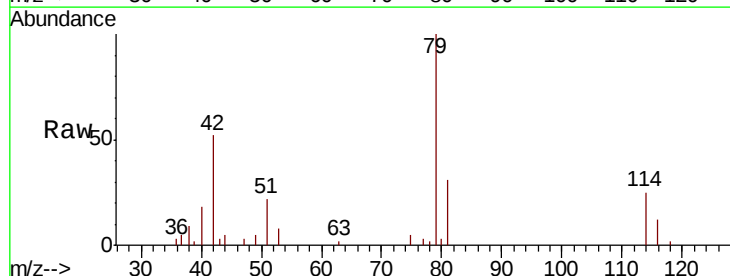
Instrument :
 MSVOA_V
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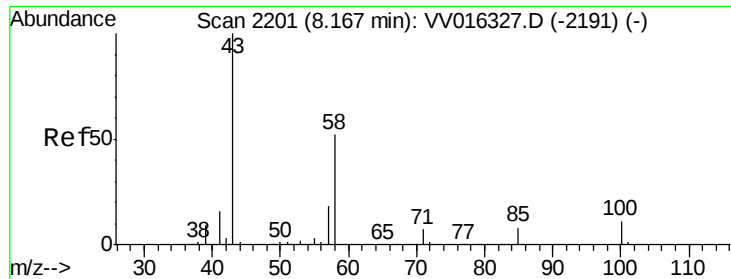
Tot Ion: 63 Resp: 3467
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#46
 trans-1,3-Dichloropropene
 Concen: 0.068 ug/L
 RT: 7.65 min Scan# 2040
 Delta R.T. -0.02 min
 Lab File: VV016344.D
 Acq: 30 May 2020 05:12

Tgt Ion: 75 Resp: 407
 Ion Ratio Lower Upper
 75 100
 77 55.1 21.7 40.3#

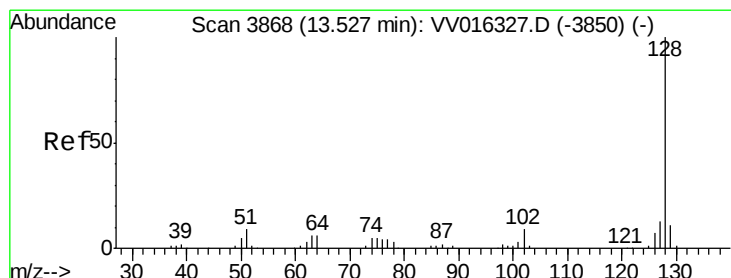
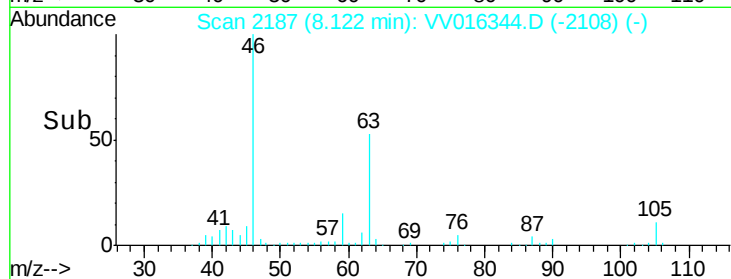
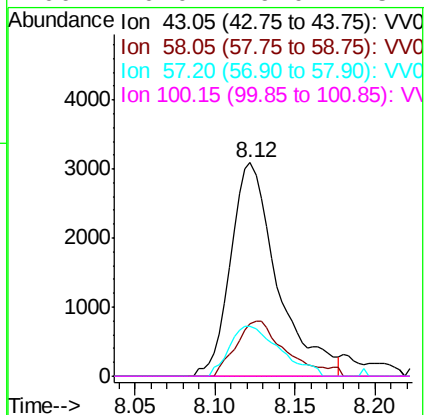
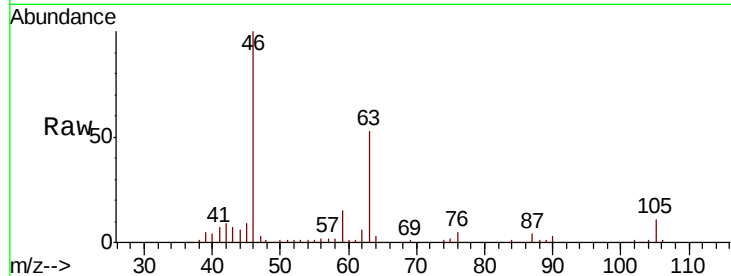




#50
2-Hexanone
Concen: 2.806 ug/L
RT: 8.12 min Scan# 2187
Delta R.T. -0.04 min
Lab File: VV016344.D
Acq: 30 May 2020 05:12

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 6171
Ion Ratio Lower Upper
43 100
58 27.7 41.4 62.0#
57 25.4 15.0 22.4#
100 0.0 9.0 13.4#



#70
Naphthalene
Concen: 0.413 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.00 min
Lab File: VV016344.D
Acq: 30 May 2020 05:12

Tgt Ion: 128 Resp: 4452
Ion Ratio Lower Upper
128 100
129 11.6 8.6 13.0
127 13.8 10.6 15.8

