

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052720\
 Data File : VV016243.D
 Acq On : 27 May 2020 21:45
 Operator : SY/MD
 Sample : VV0527WBL02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 28 06:32:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 06:30:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	90764	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	88967	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	39554	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26694	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.58	69	24943	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.13	63	38332	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	3.94	46	72993	50.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.96%
24) Chloroform-d	4.38	84	54497	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.06	65	29445	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.08	84	104061	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.10	67	32710	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.34	98	91140	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
45) trans-1,3-Dichloropropene-	7.65	79	9900	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
48) 2-Hexanone-d5	8.12	63	49580	42.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.08%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	22155	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	32380	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

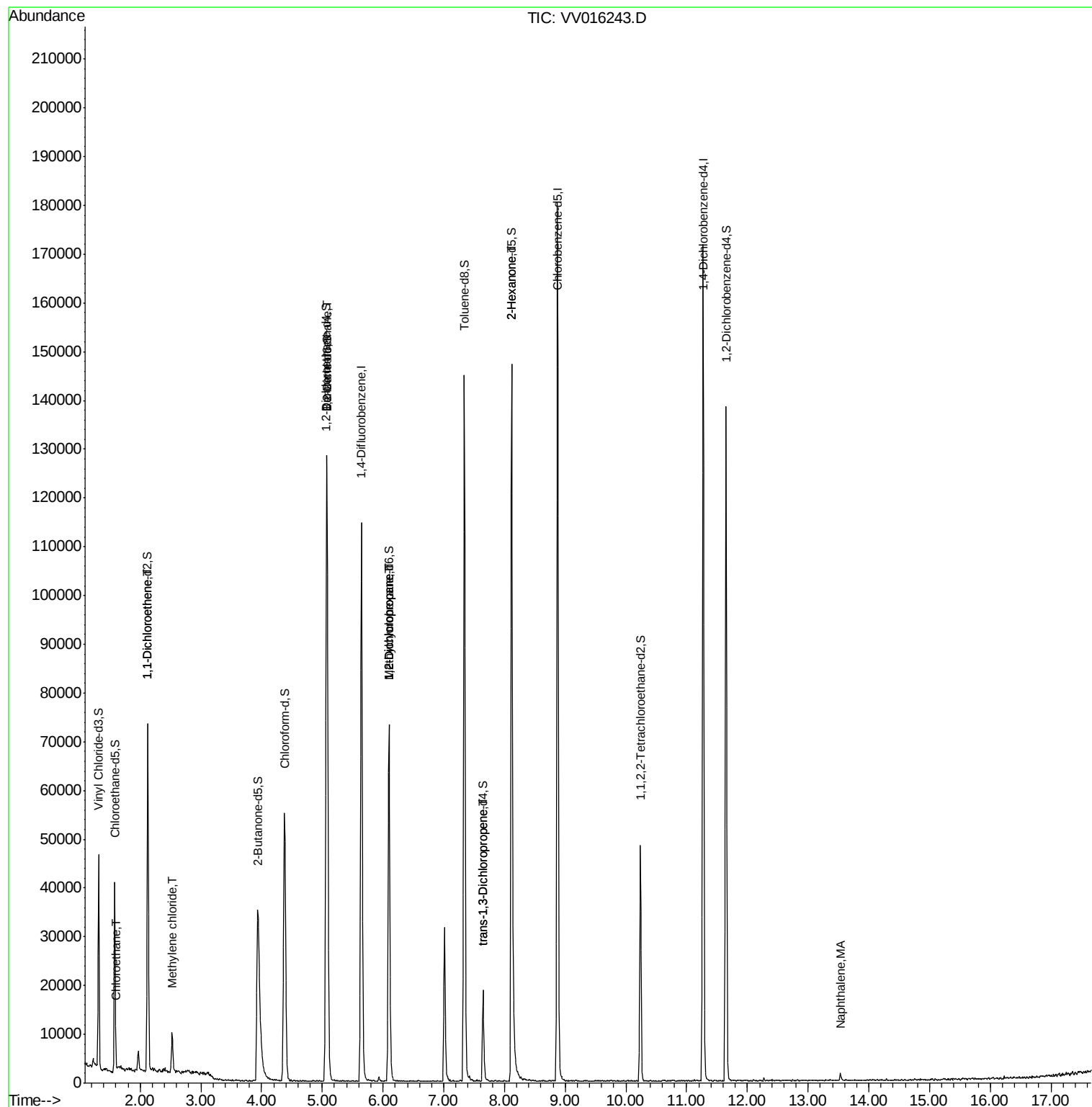
					Ovalue
8) Chloroethane	1.61	64	511	0.115 ug/L #	42
12) 1,1-Dichloroethene	2.13	96	377	0.070 ug/L #	1
16) Methylene chloride	2.53	84	2947	0.480 ug/L	94
27) 1,2-Dichloroethane	5.07	62	613	0.080 ug/L #	79
35) Methylcyclohexane	6.10	83	8041	0.715 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	3884	0.619 ug/L #	88
46) trans-1,3-Dichloropropene	7.65	75	493	0.067 ug/L	99
50) 2-Hexanone	8.12	43	8114	2.978 ug/L #	75
70) Naphthalene	13.53	128	1605	0.098 ug/L #	72

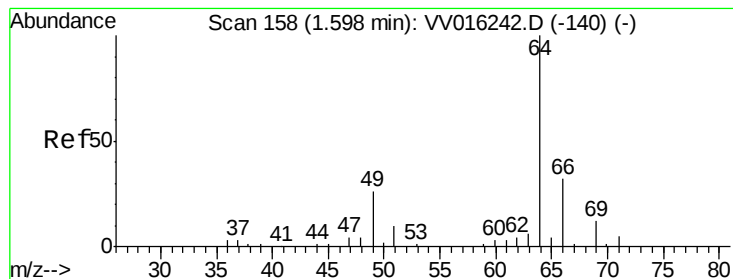
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Chloroethane

Concen: 0.115 ug/L

RT: 1.61 min Scan# 161

Delta R.T. 0.01 min

Lab File: VV016243.D

Acq: 27 May 2020 21:45

Instrument :

MSVOA_V

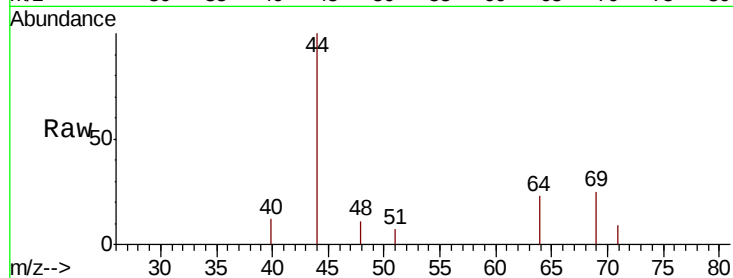
ClientSampleId :

Tot Ion: 64 Resp: 511

Ion Ratio Lower Upper

64 100

66 0.0 22.9 42.5#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

600

400

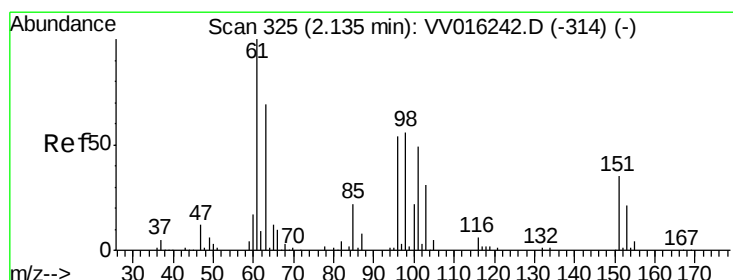
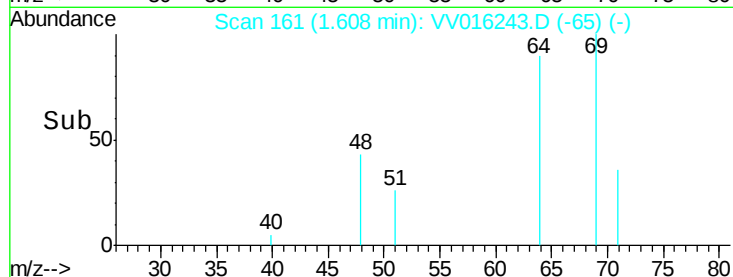
200

0

1.56 1.58 1.60 1.62

1.61

Time-->



#12

1,1-Dichloroethene

Concen: 0.070 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016243.D

Acq: 27 May 2020 21:45

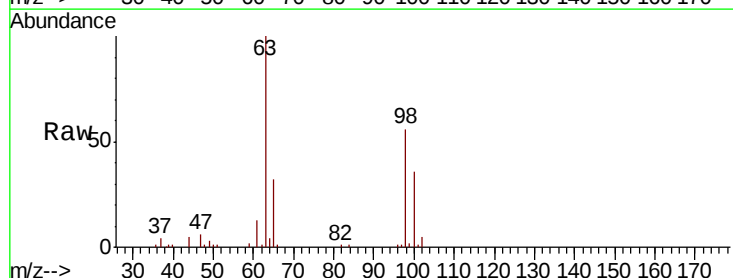
Tgt Ion: 96 Resp: 377

Ion Ratio Lower Upper

96 100

61 1121.1 124.9 231.9#

63 8553.2 80.4 149.2#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

30000

20000

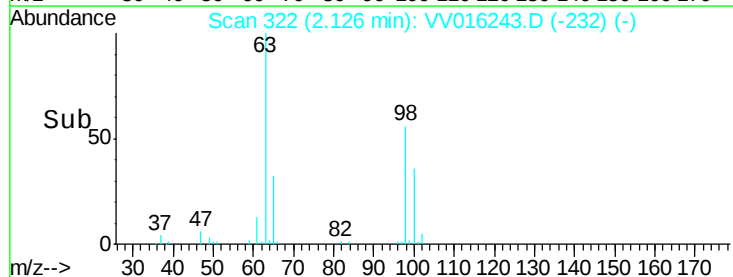
10000

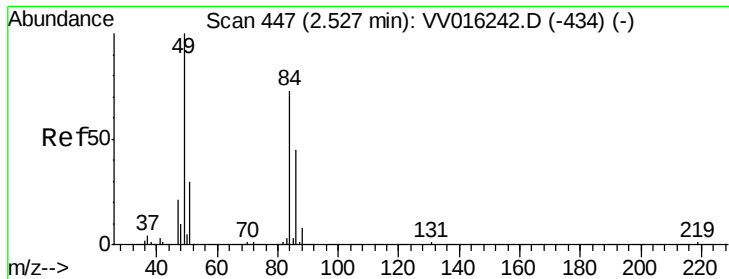
0

2.10 2.12 2.14

2.13

Time-->

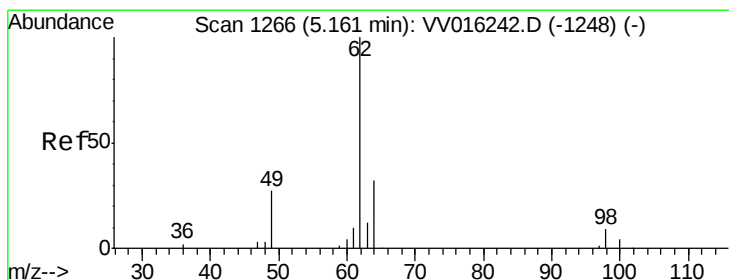
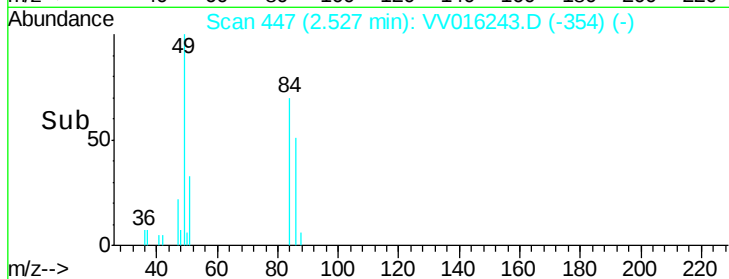
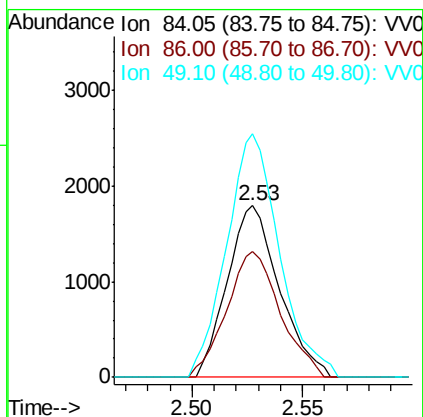
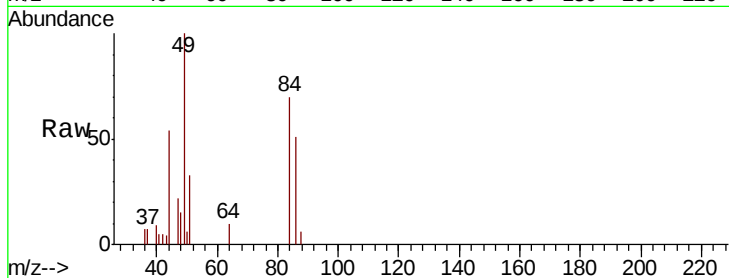




#16
Methylene chloride
Concen: 0.480 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.00 min
Lab File: VV016243.D
Acq: 27 May 2020 21:45

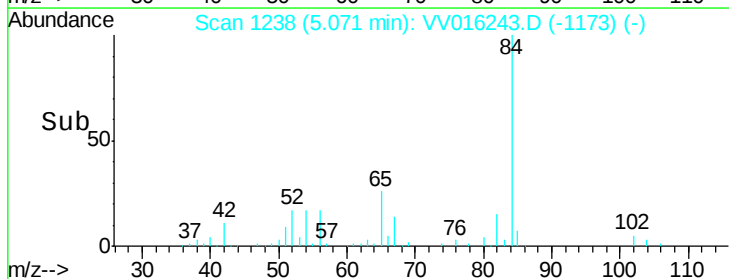
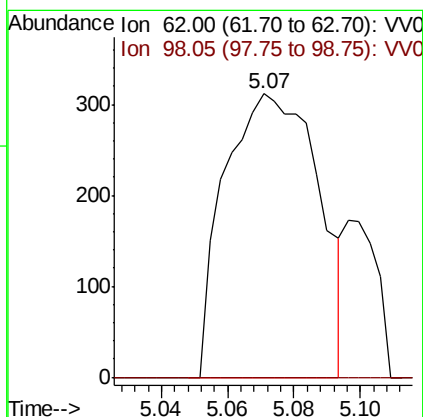
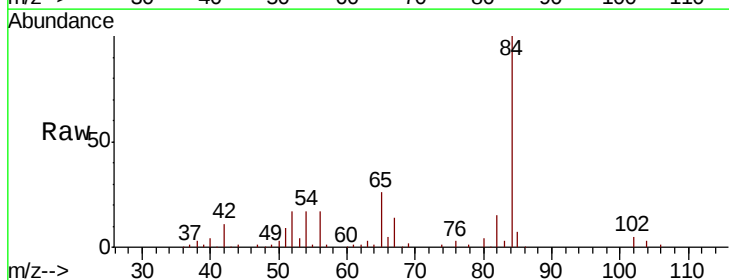
Instrument :
MSVOA_V
ClientSampleId :

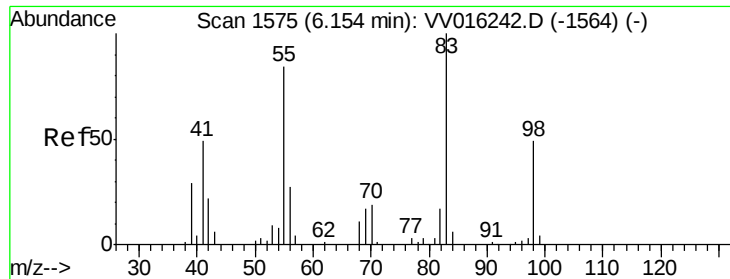
Tot Ion: 84 Resp: 2947
Ion Ratio Lower Upper
84 100
86 73.0 44.9 83.5
49 141.9 96.7 179.7



#27
1,2-Dichloroethane
Concen: 0.080 ug/L
RT: 5.07 min Scan# 1238
Delta R.T. -0.09 min
Lab File: VV016243.D
Acq: 27 May 2020 21:45

Tgt Ion: 62 Resp: 613
Ion Ratio Lower Upper
62 100
98 0.0 5.7 8.5#

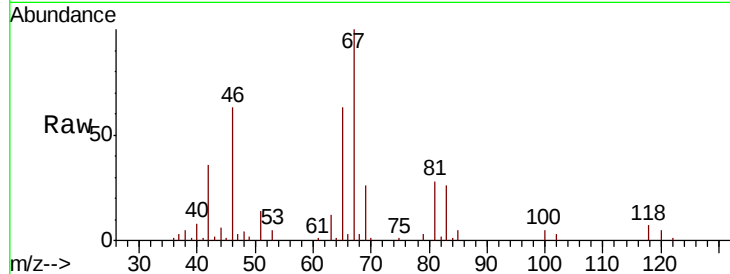




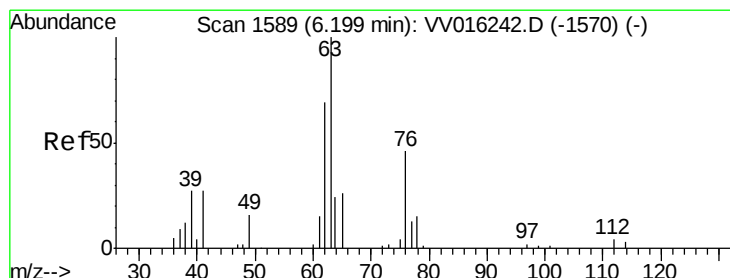
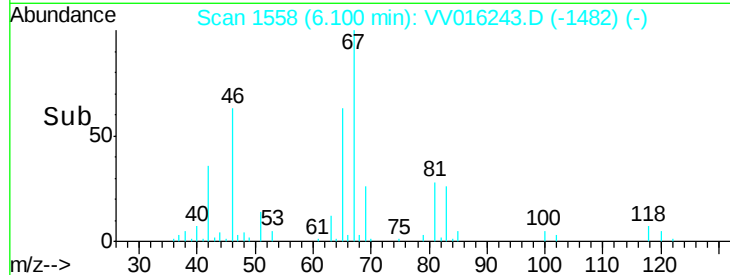
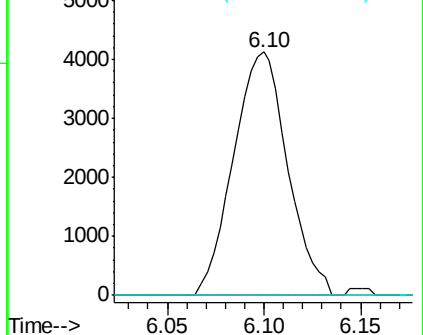
#35
Methvlcvclohexane
Concen: 0.715 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.05 min
Lab File: VV016243.D
Acq: 27 May 2020 21:45

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 8041
Ion Ratio Lower Upper
83 100
55 0.0 65.4 98.0#
98 1.2 39.3 58.9#

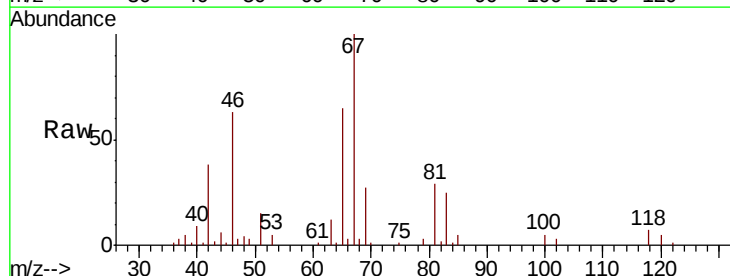


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

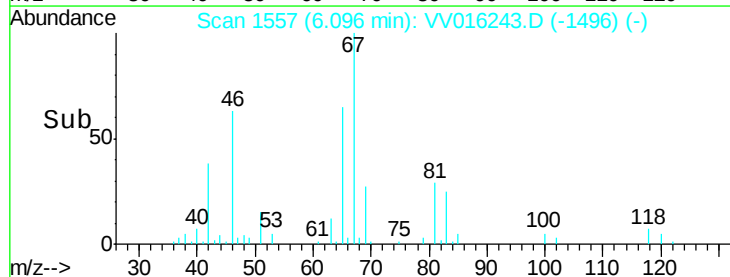
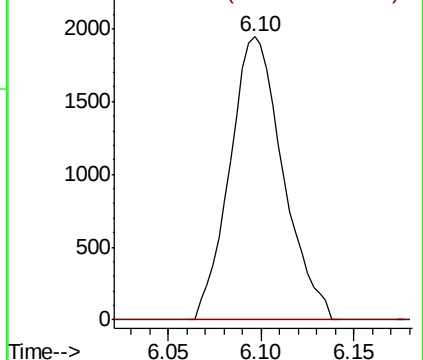


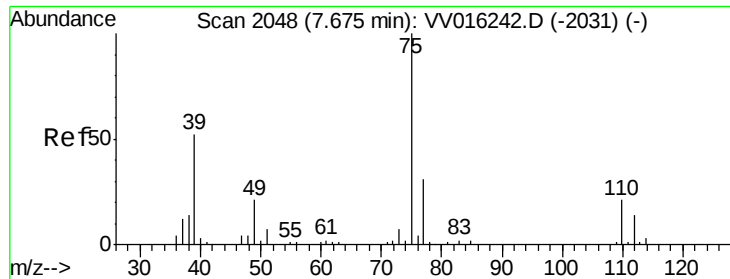
#37
1,2-Dichloropropane
Concen: 0.619 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016243.D
Acq: 27 May 2020 21:45

Tgt Ion: 63 Resp: 3884
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





#46

trans-1,3-Dichloropropene

Concen: 0.067 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV016243.D

Acq: 27 May 2020 21:45

Instrument :

MSVOA_V

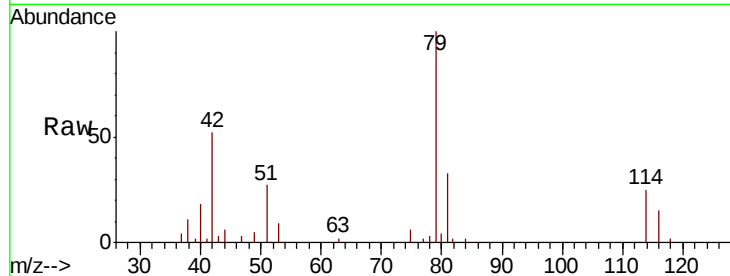
ClientSampleId :

Tot Ion: 75 Resp: 493

Ion Ratio Lower Upper

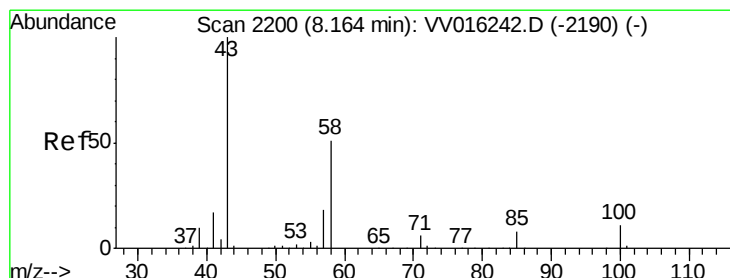
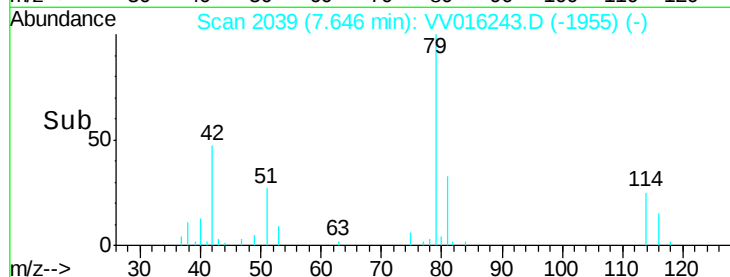
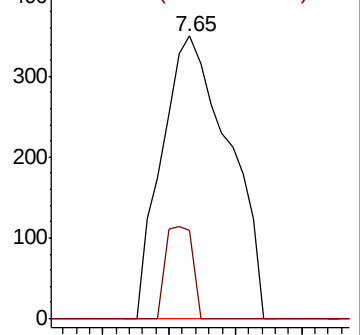
75 100

77 31.4 21.7 40.3



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#50

2-Hexanone

Concen: 2.978 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV016243.D

Acq: 27 May 2020 21:45

Tgt Ion: 43 Resp: 8114

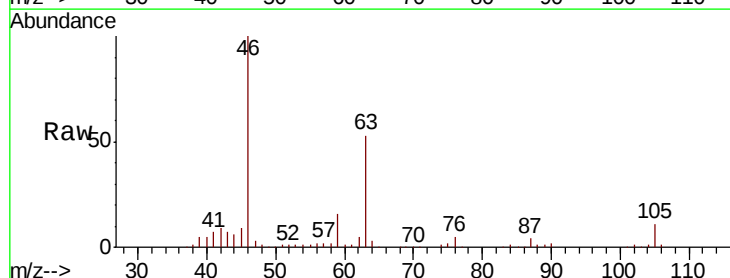
Ion Ratio Lower Upper

43 100

58 33.4 41.4 62.0#

57 27.5 15.0 22.4#

100 0.0 9.0 13.4#

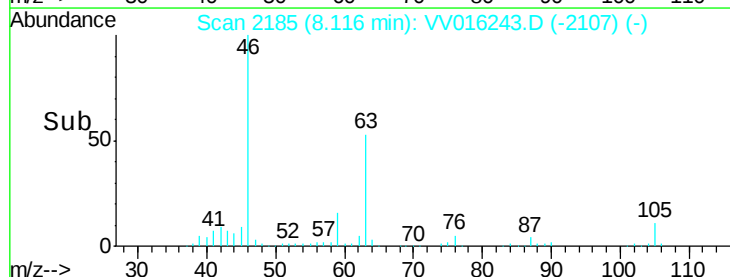
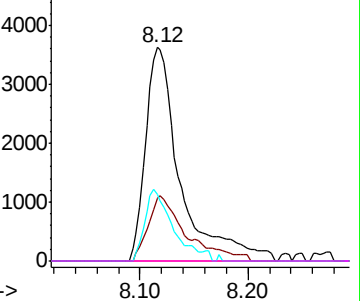


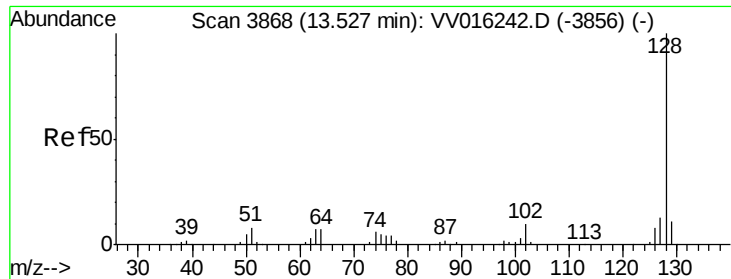
Abundance Ion 43.05 (42.75 to 43.75): VV0

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





#70

Naphthalene

Concen: 0.098 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.00 min

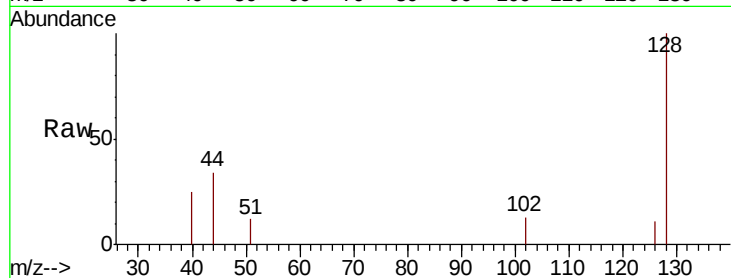
Lab File: VV016243.D

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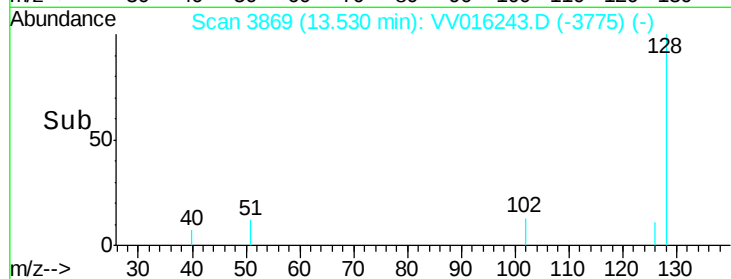
Tot Ion:128 Resp: 1605

Ion Ratio Lower Upper

128 100

129 2.5 8.6 13.0#

127 0.0 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

