

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052020\
 Data File : VV016139.D
 Acq On : 20 May 2020 18:11
 Operator : SY/MD
 Sample : L2725-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 21 01:43:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 21 01:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	140186	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	139604	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	65236	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33669	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.58	69	37652	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.13	63	59736	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	3.93	46	133142	61.37	ug/L	-0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.74%
24) Chloroform-d	4.38	84	92149	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
26) 1,2-Dichloroethane-d4	5.06	65	51055	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	5.08	84	169513	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.10	67	54810	5.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.20%
41) Toluene-d8	7.34	98	148801	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
45) trans-1,3-Dichloropropene-	7.65	79	16748	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
48) 2-Hexanone-d5	8.12	63	105464	60.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.66%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	41609	5.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	59164	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

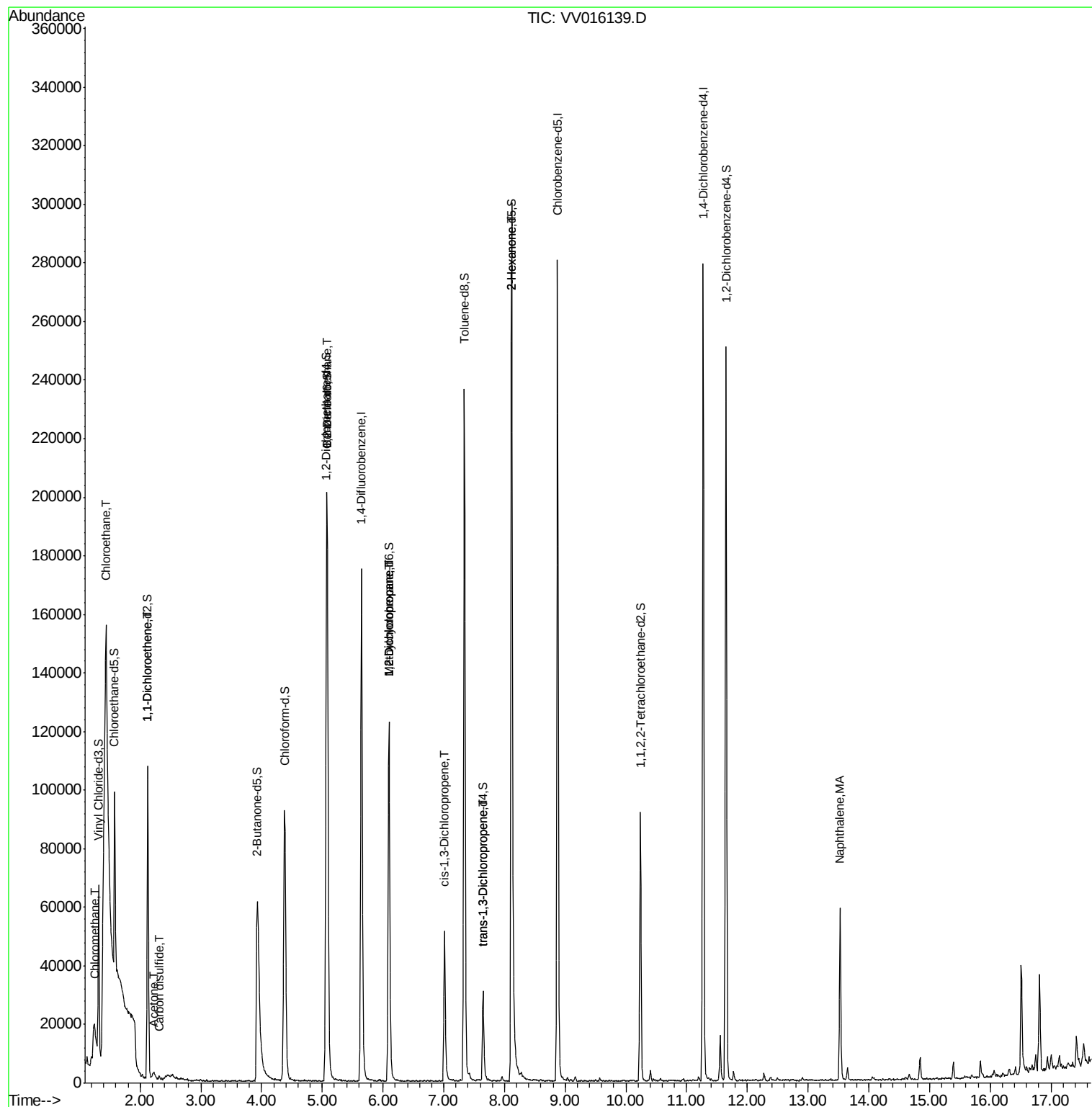
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	1198	0.110	ug/L	86
8) Chloroethane	1.44	64	534026	72.072	ug/L #	50
12) 1,1-Dichloroethene	2.13	96	589	0.076	ug/L #	1
13) Acetone	2.23	43	3772	2.636	ug/L	96
14) Carbon disulfide	2.32	76	1198	0.047	ug/L #	81
27) 1,2-Dichloroethane	5.08	62	1223	0.110	ug/L #	76
35) Methylcyclohexane	6.10	83	13513	0.891	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	6806	0.763	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1458	0.116	ug/L #	63
46) trans-1,3-Dichloropropene	7.65	75	933	0.088	ug/L	97
50) 2-Hexanone	8.12	43	16596	4.219	ug/L #	75
70) Naphthalene	13.53	128	44681	2.544	ug/L	99

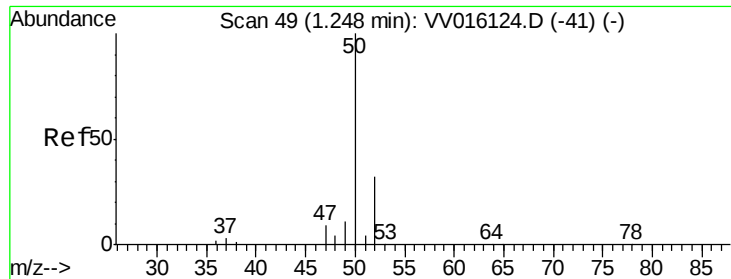
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.110 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV016139.D

Acq: 20 May 2020 18:11

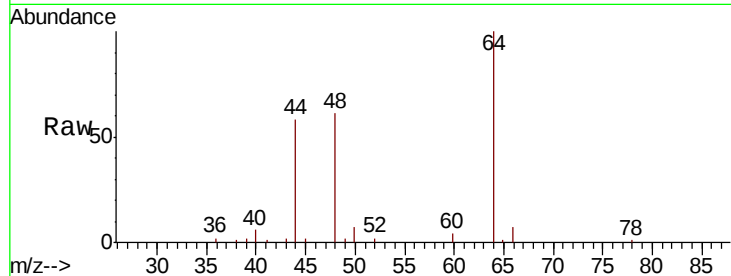
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 1198

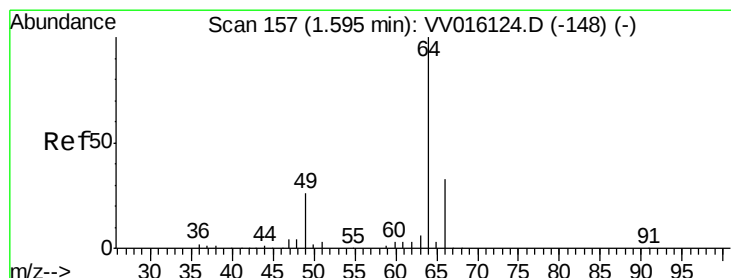
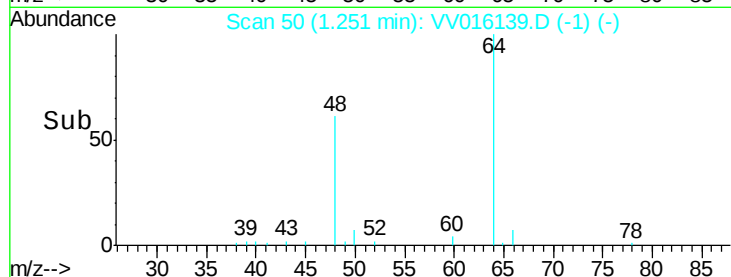
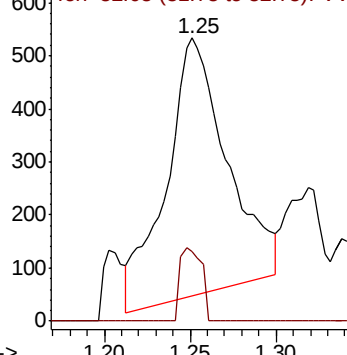
Ion Ratio Lower Upper

50 100

52 24.8 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VV0
Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 72.072 ug/L

RT: 1.44 min Scan# 108

Delta R.T. -0.16 min

Lab File: VV016139.D

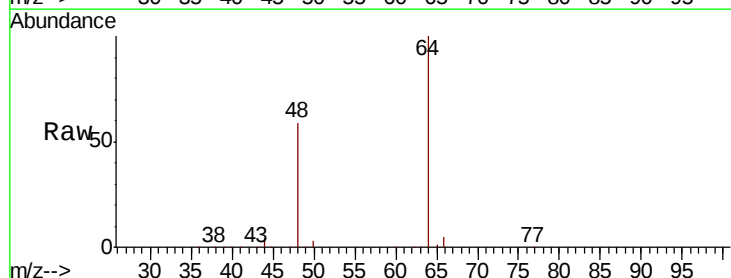
Acq: 20 May 2020 18:11

Tgt Ion: 64 Resp: 534026

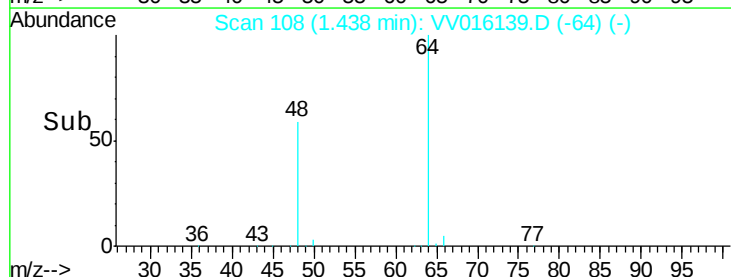
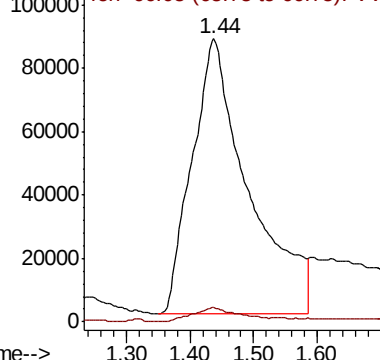
Ion Ratio Lower Upper

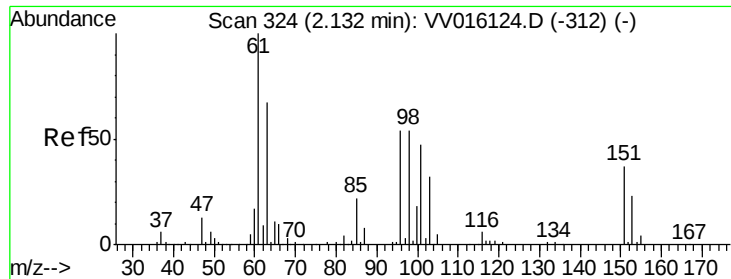
64 100

66 5.1 23.6 43.8#



Abundance Ion 64.10 (63.80 to 64.80): VV0
Ion 66.05 (65.75 to 66.75): VV0

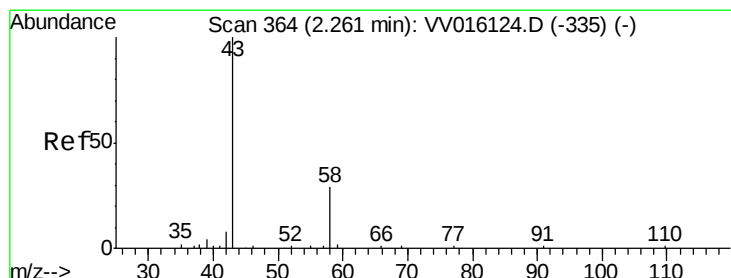
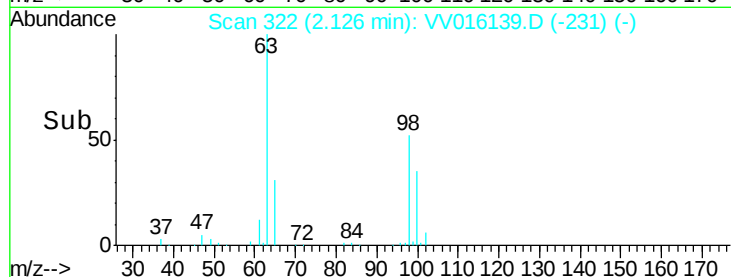
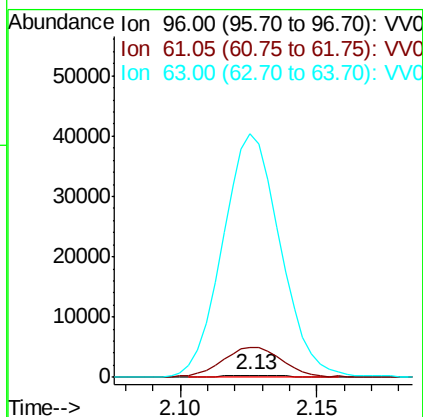
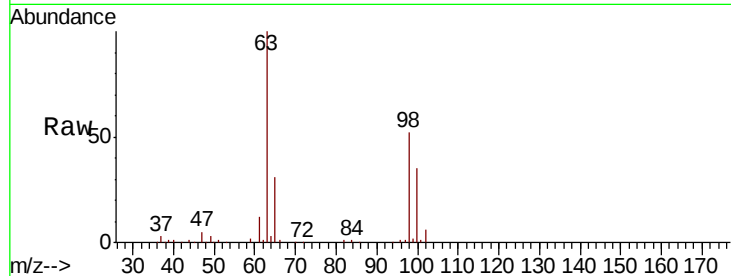




#12
 1,1-Dichloroethene
 Concen: 0.076 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV016139.D
 Acq: 20 May 2020 18:11

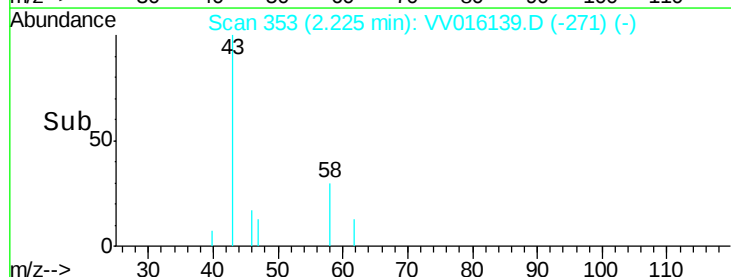
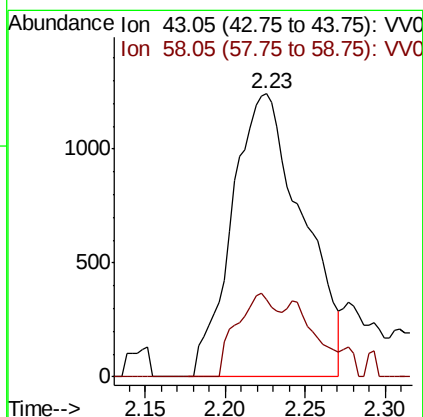
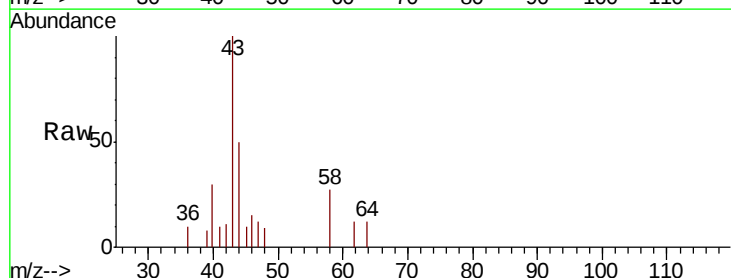
Instrument :
 MSVOA_V
 ClientSampled :

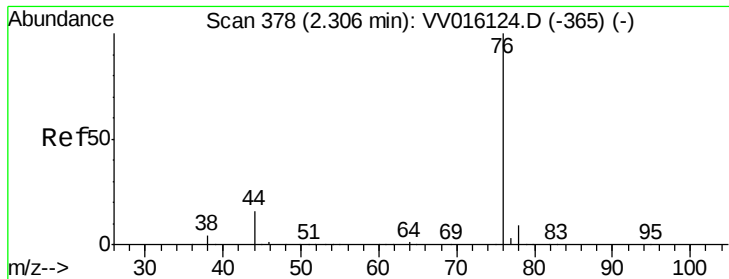
Tot Ion: 96 Resp: 589
 Ion Ratio Lower Upper
 96 100
 61 1486.1 139.9 259.7#
 63 11908.0 106.4 197.6#



#13
 Acetone
 Concen: 2.636 ug/L
 RT: 2.23 min Scan# 353
 Delta R.T. -0.04 min
 Lab File: VV016139.D
 Acq: 20 May 2020 18:11

Tgt Ion: 43 Resp: 3772
 Ion Ratio Lower Upper
 43 100
 58 17.1 0.0 30.8





#14

Carbon disulfide

Concen: 0.047 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV016139.D

Acq: 20 May 2020 18:11

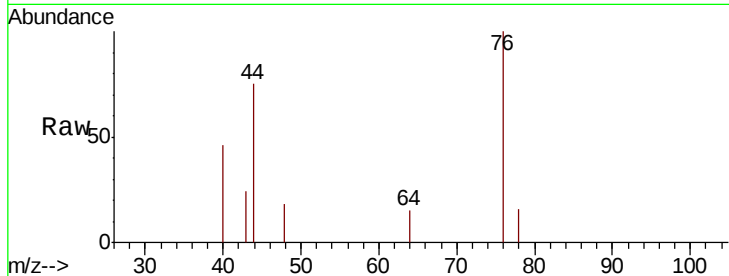
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 76 Resp: 1198

Ion Ratio Lower Upper

76 100

78 15.7 7.0 10.6#

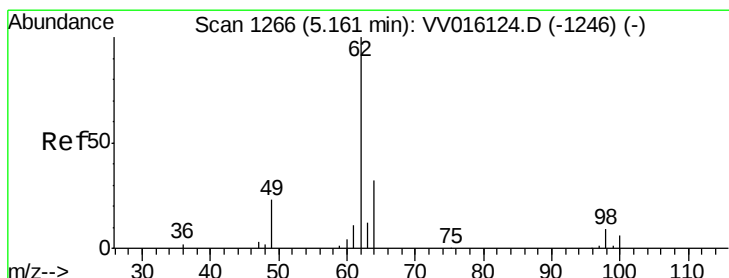
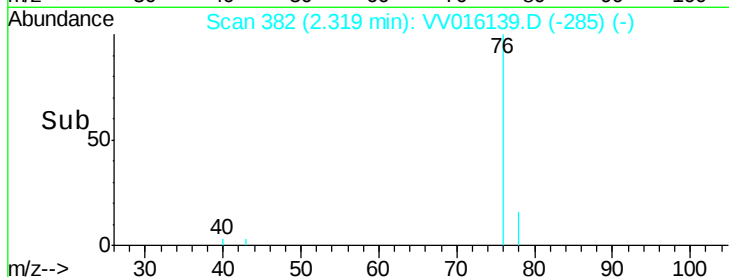


Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

2.32

Time-->



#27

1,2-Dichloroethane

Concen: 0.110 ug/L

RT: 5.08 min Scan# 1240

Delta R.T. -0.08 min

Lab File: VV016139.D

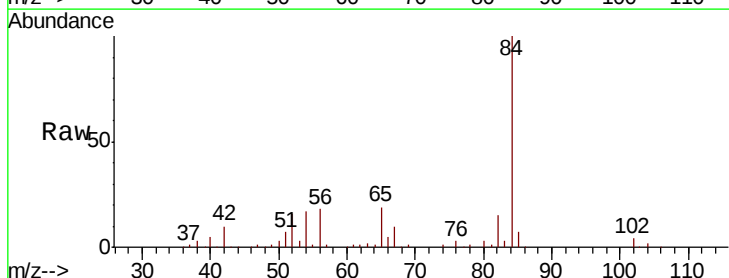
Acq: 20 May 2020 18:11

Tgt Ion: 62 Resp: 1223

Ion Ratio Lower Upper

62 100

98 0.0 6.7 10.1#

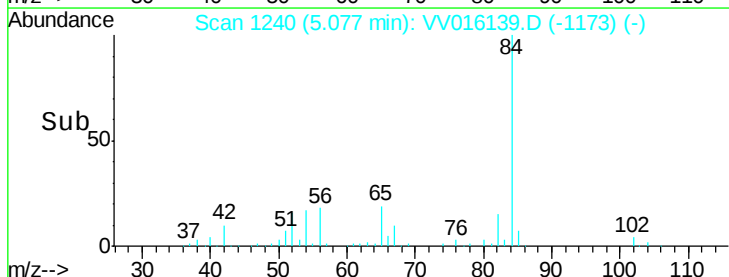


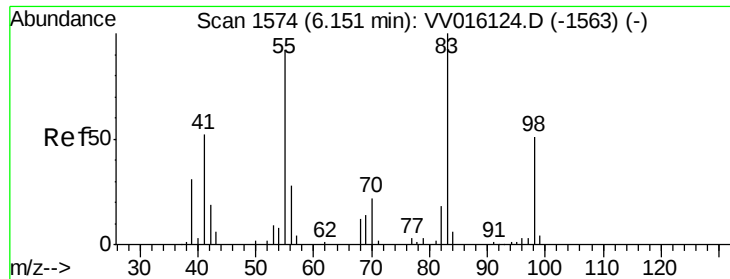
Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0

5.08

Time-->

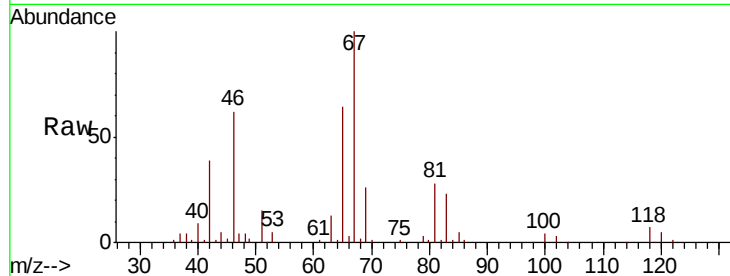




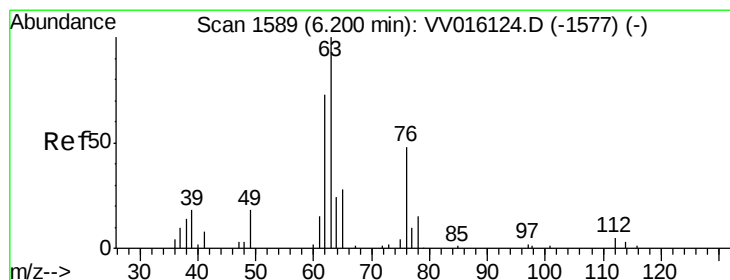
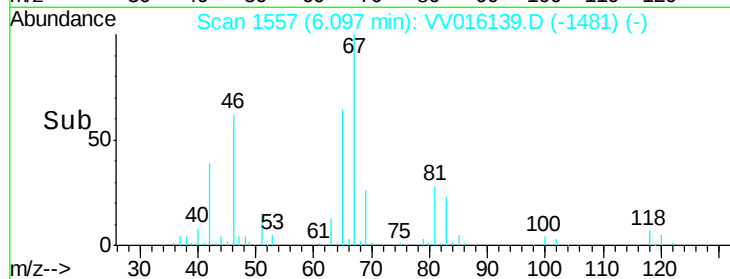
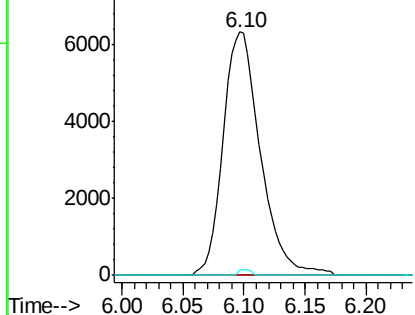
#35
Methvlcvclohexane
Concen: 0.891 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV016139.D
Acq: 20 May 2020 18:11

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 13513
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.2#
98 0.8 37.9 56.9#

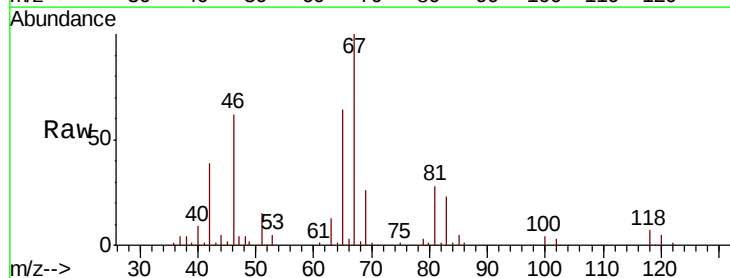


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

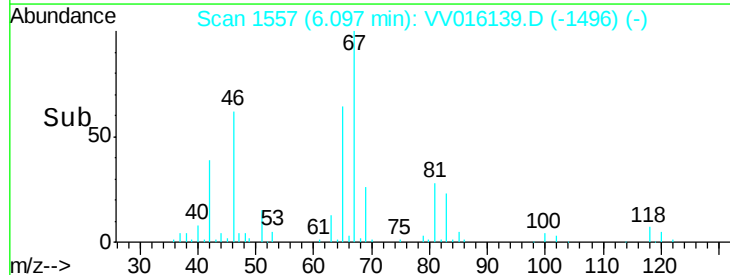
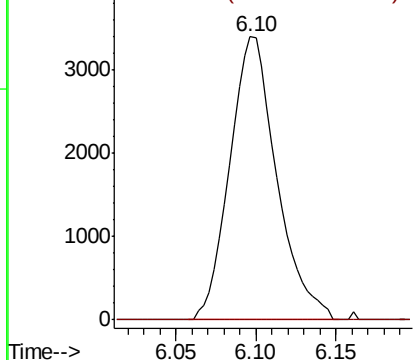


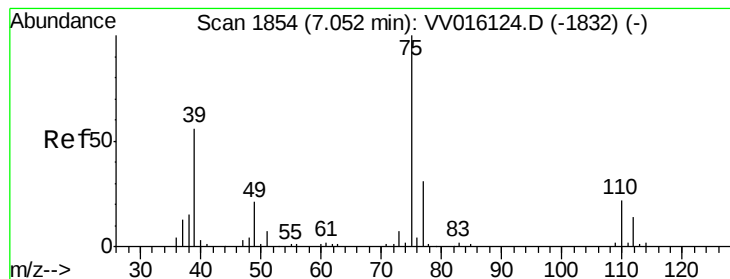
#37
1,2-Dichloropropane
Concen: 0.763 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016139.D
Acq: 20 May 2020 18:11

Tgt Ion: 63 Resp: 6806
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



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



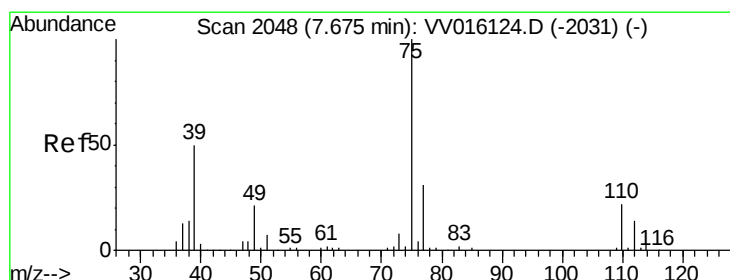
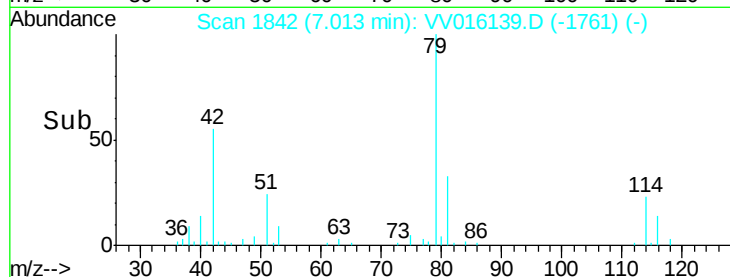
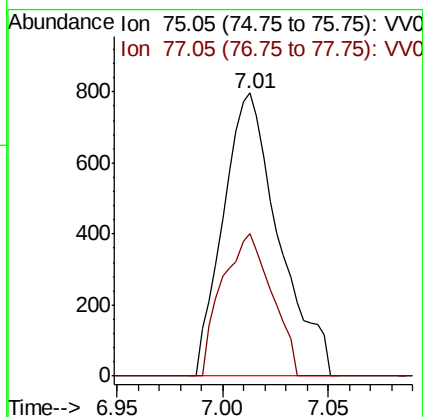
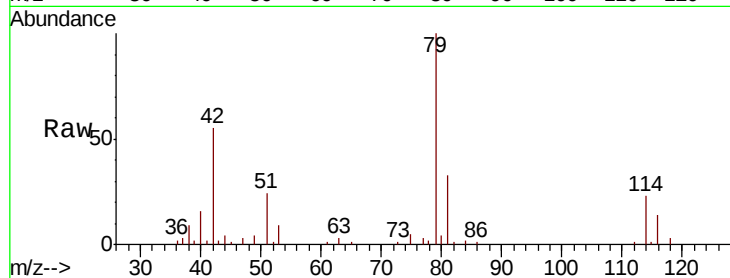


#39

cis-1,3-Dichloropropene
Concen: 0.116 ug/L
RT: 7.01 min Scan# 1842
Delta R.T. -0.04 min
Lab File: VV016139.D
Acq: 20 May 2020 18:11

Instrument :
MSVOA_V
ClientSampleId :

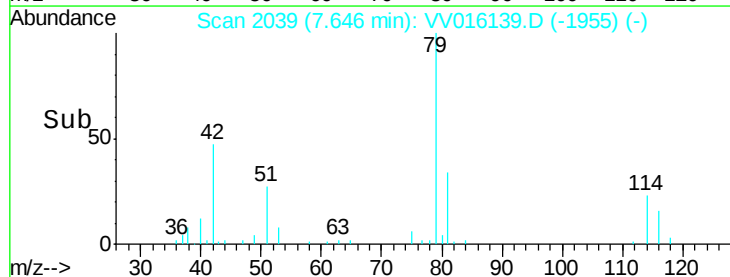
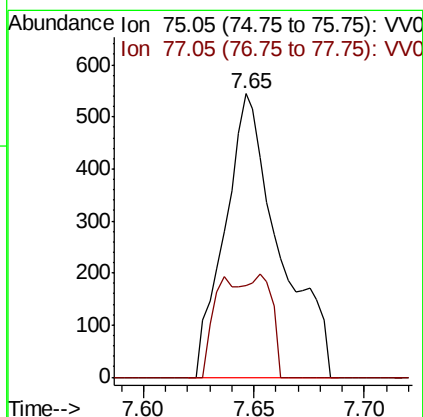
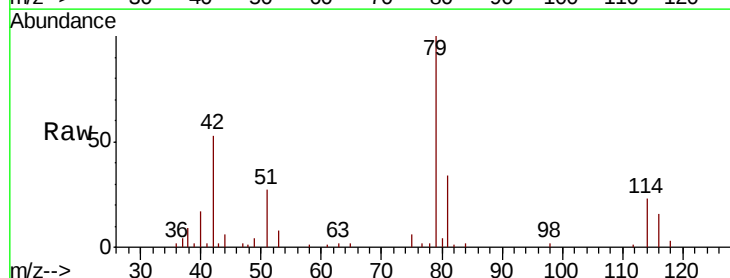
Tot Ion: 75 Resp: 1458
Ion Ratio Lower Upper
75 100
77 50.4 21.3 39.5#

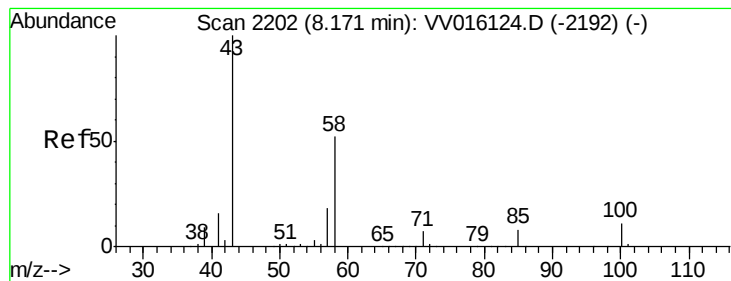


#46

trans-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV016139.D
Acq: 20 May 2020 18:11

Tgt Ion: 75 Resp: 933
Ion Ratio Lower Upper
75 100
77 32.2 21.3 39.6





#50

2-Hexanone

Concen: 4.219 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV016139.D

Acq: 20 May 2020 18:11

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 16596

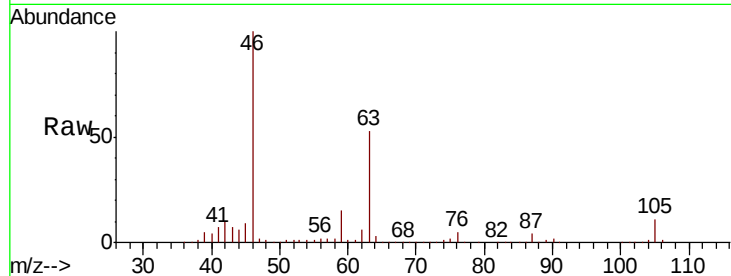
Ion Ratio Lower Upper

43 100

58 29.3 40.8 61.2#

57 21.2 14.7 22.1

100 0.4 9.0 13.6#

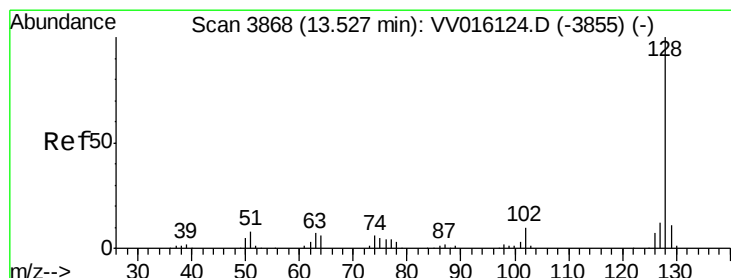
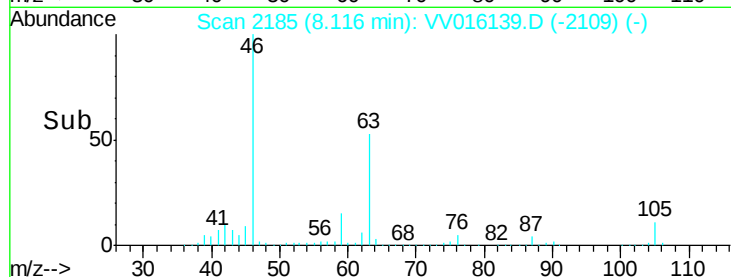
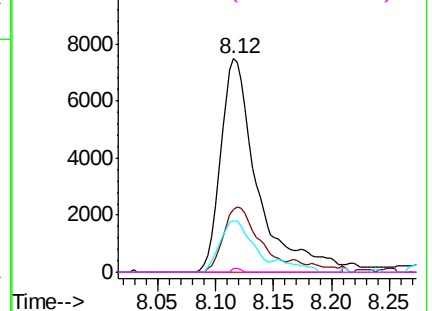


Abundance Ion 43.05 (42.75 to 43.75): VV016124.D (-2192) (-)

Ion 58.05 (57.75 to 58.75): VV016124.D (-2192) (-)

Ion 57.20 (56.90 to 57.90): VV016124.D (-2192) (-)

Ion 100.15 (99.85 to 100.85): VV016124.D (-2192) (-)



#70

Naphthalene

Concen: 2.544 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. -0.00 min

Lab File: VV016139.D

Acq: 20 May 2020 18:11

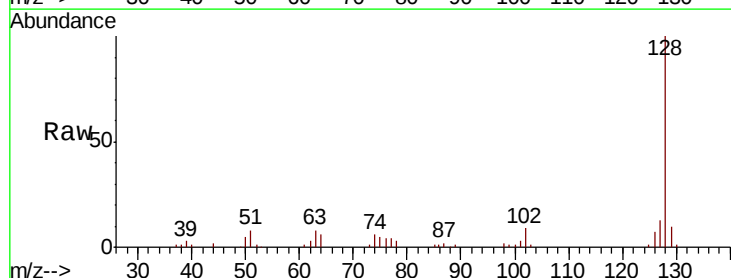
Tgt Ion: 128 Resp: 44681

Ion Ratio Lower Upper

128 100

129 10.4 8.5 12.7

127 12.9 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): VV016124.D (-3855) (-)

Ion 129.00 (128.70 to 129.70): VV016124.D (-3855) (-)

Ion 127.00 (126.70 to 127.70): VV016124.D (-3855) (-)

