

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052720\
 Data File : VV016239.D
 Acq On : 27 May 2020 19:42
 Operator : SY/MD
 Sample : L2755-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 28 01:26:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 01:17:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	89878	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	85185	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	38162	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25518	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.58	69	23828	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.13	63	36651	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	3.93	46	72318	50.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.02%
24) Chloroform-d	4.38	84	53319	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.06	65	30054	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.08	84	104586	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.10	67	32834	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.34	98	90346	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
45) trans-1,3-Dichloropropene-	7.65	79	10782	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
48) 2-Hexanone-d5	8.12	63	51227	45.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.80%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	22815	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	31829	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

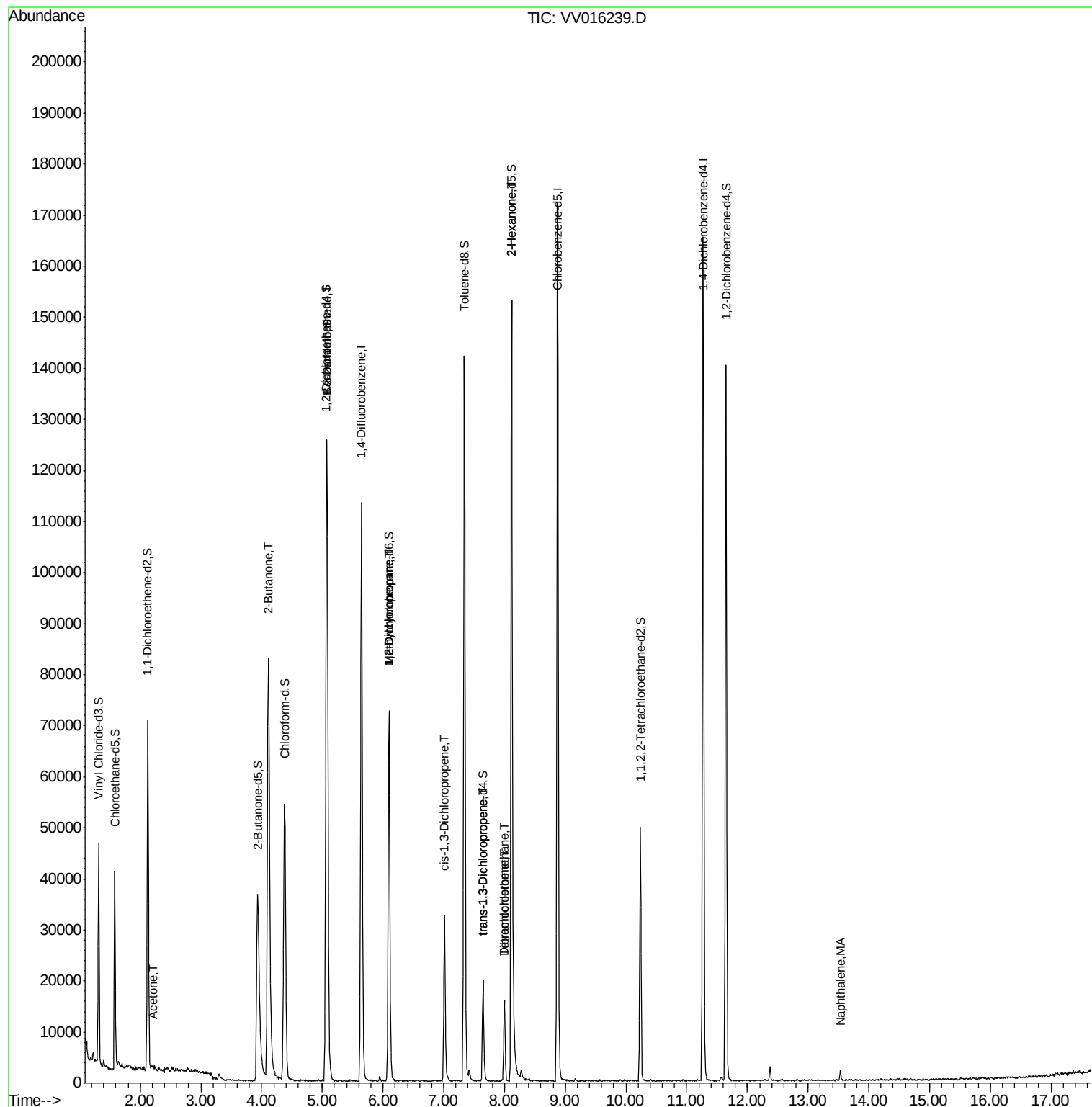
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.21	43	1661	1.874	ug/L	83
21) 2-Butanone	4.11	43	138752	88.003	ug/L #	57
27) 1,2-Dichloroethane	5.07	62	724	0.095	ug/L #	79
35) Methylcyclohexane	6.10	83	8015	0.744	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	3998	0.665	ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	930	0.109	ug/L #	50
46) trans-1,3-Dichloropropene	7.65	75	600	0.085	ug/L #	62
49) Tetrachloroethene	8.00	164	3065	0.669	ug/L	91
50) 2-Hexanone	8.12	43	7607	2.916	ug/L #	77
51) Dibromochloromethane	8.00	129	3291	0.786	ug/L #	10
70) Naphthalene	13.53	128	1764	0.112	ug/L #	93

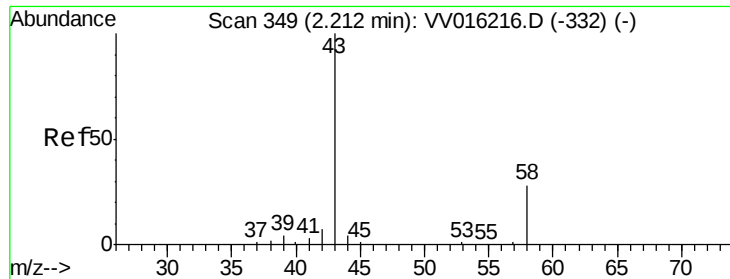
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.874 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.01 min

Lab File: VV016239.D

Acq: 27 May 2020 19:42

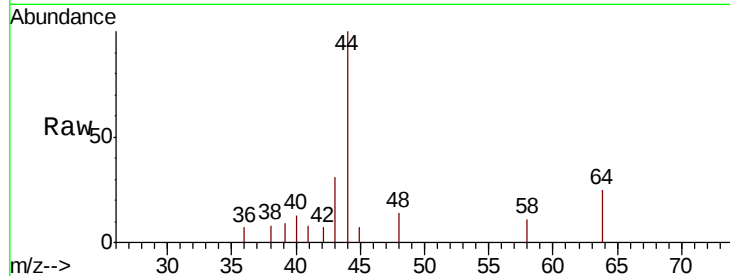
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 1661

Ion Ratio Lower Upper

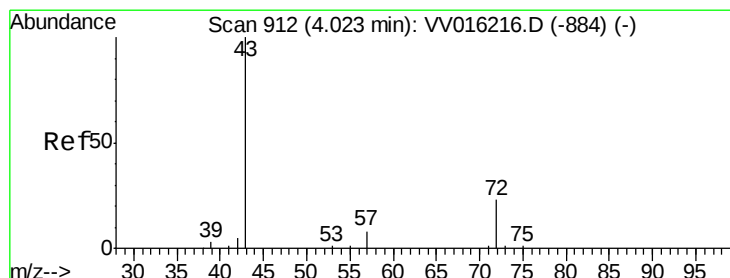
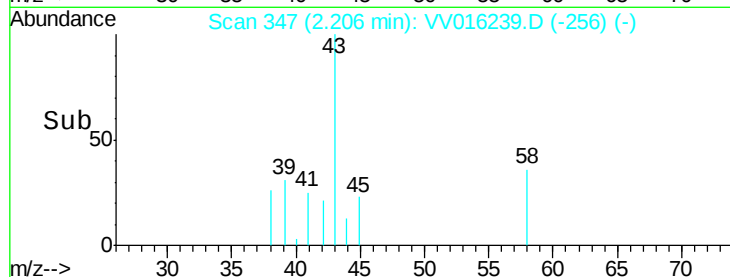
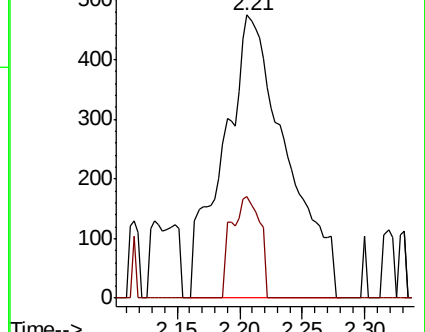
43 100

58 16.2 0.0 48.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#21

2-Butanone

Concen: 88.003 ug/L

RT: 4.11 min Scan# 940

Delta R.T. 0.09 min

Lab File: VV016239.D

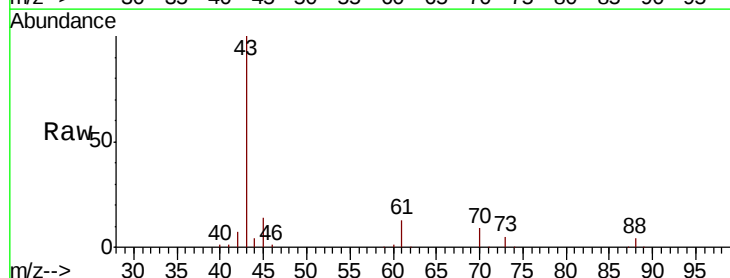
Acq: 27 May 2020 19:42

Tgt Ion: 43 Resp: 138752

Ion Ratio Lower Upper

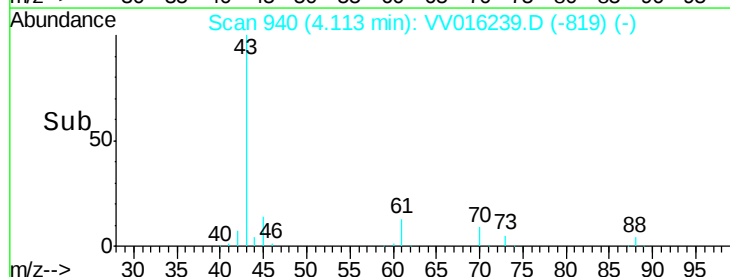
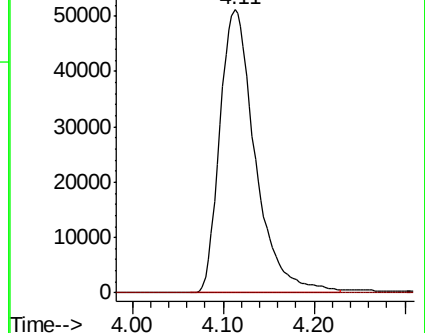
43 100

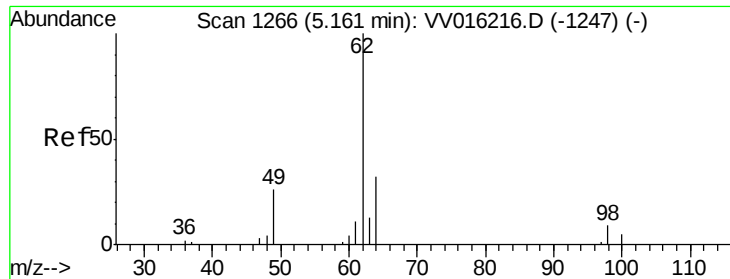
72 0.0 9.7 28.9#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0





#27

1,2-Dichloroethane

Concen: 0.095 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.09 min

Lab File: VV016239.D

Acq: 27 May 2020 19:42

Instrument :

MSVOA_V

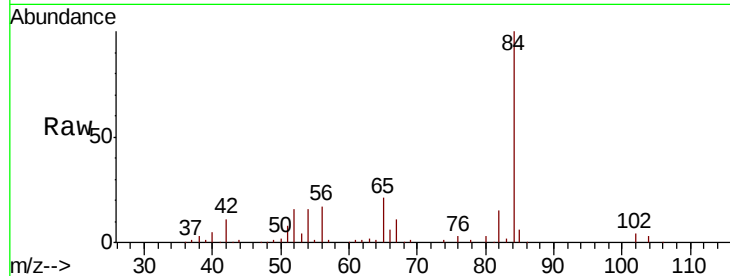
ClientSampleId :

Tot Ion: 62 Resp: 724

Ion Ratio Lower Upper

62 100

98 0.0 5.7 8.5#

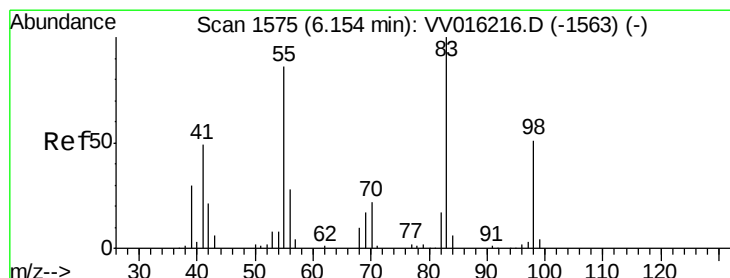
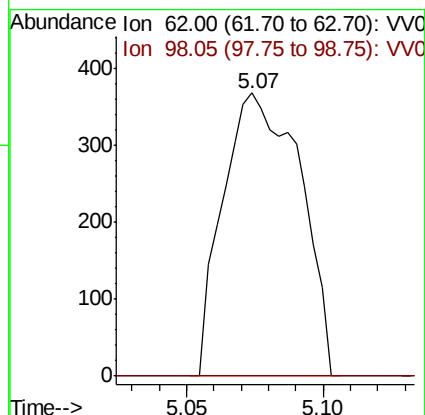
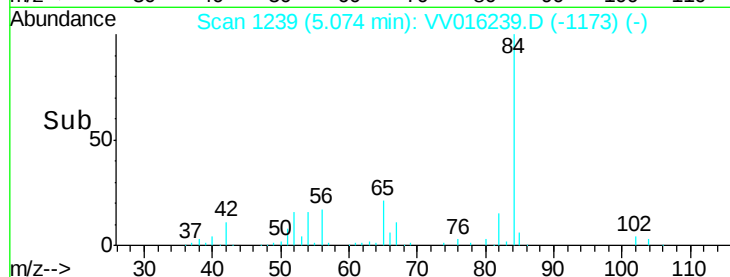


Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0

5.07

5.10



#35

Methylcyclohexane

Concen: 0.744 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV016239.D

Acq: 27 May 2020 19:42

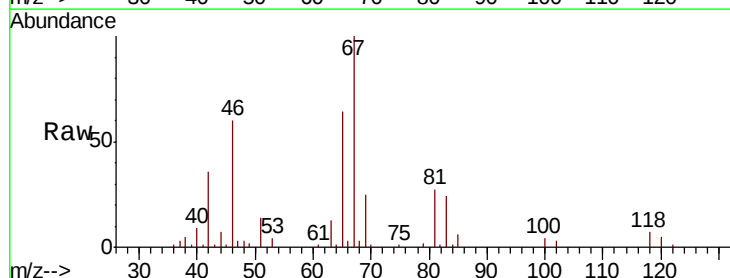
Tgt Ion: 83 Resp: 8015

Ion Ratio Lower Upper

83 100

55 0.0 65.4 98.0#

98 0.8 39.3 58.9#



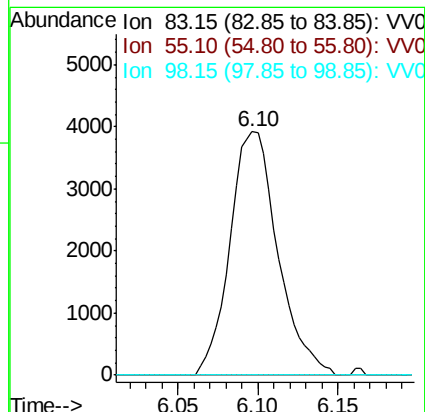
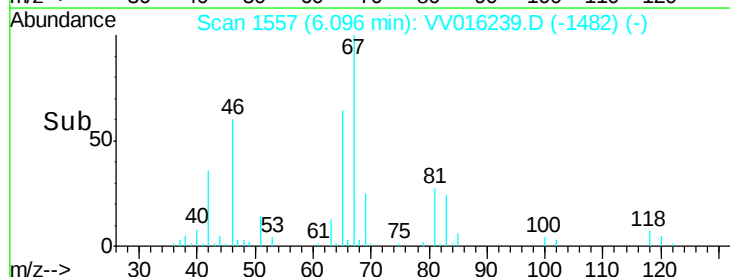
Abundance Ion 83.15 (82.85 to 83.85): VV0

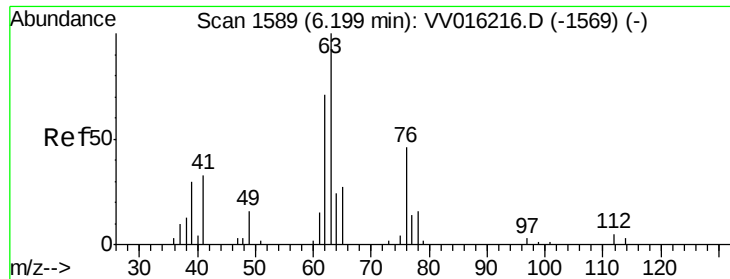
Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

6.10

6.15

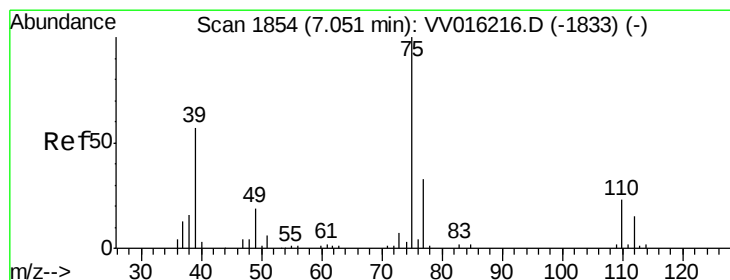
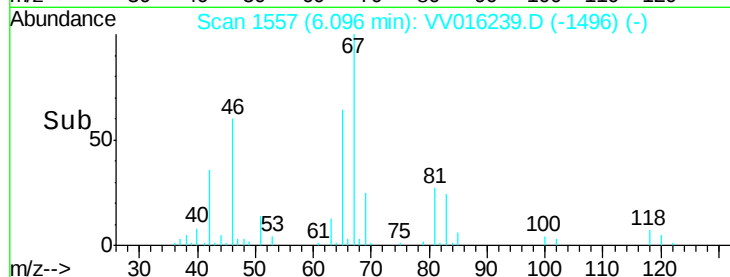
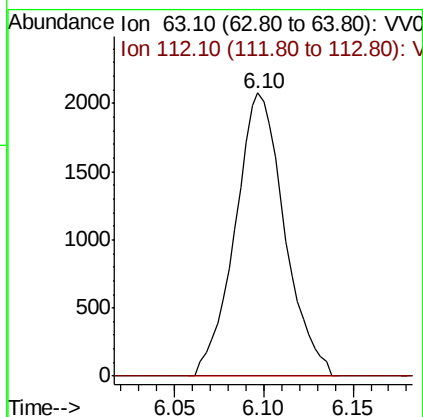
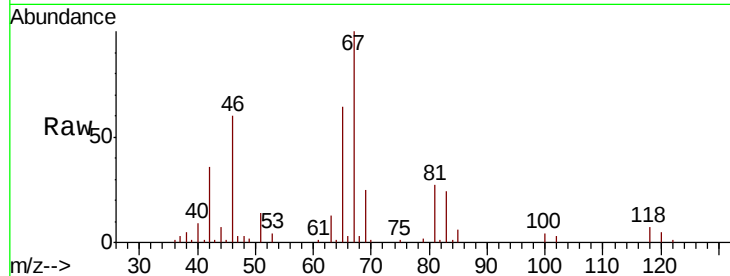




#37
 1,2-Dichloropropane
 Concen: 0.665 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV016239.D
 Acq: 27 May 2020 19:42

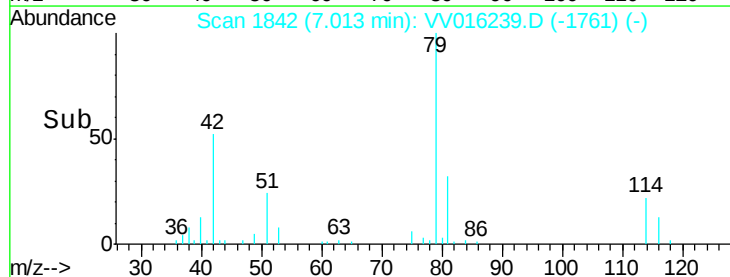
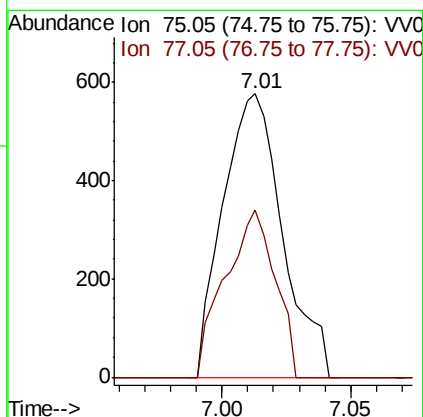
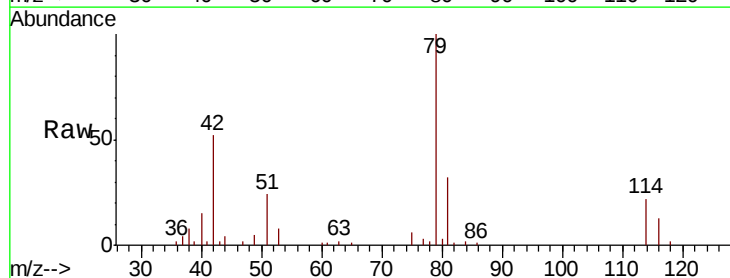
Instrument :
 MSVOA_V
 ClientSampleId :

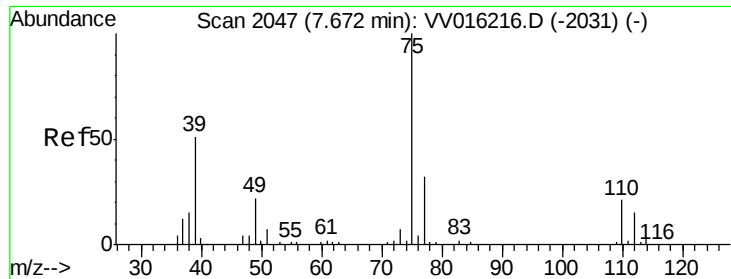
Tot Ion: 63 Resp: 3998
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.109 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV016239.D
 Acq: 27 May 2020 19:42

Tgt Ion: 75 Resp: 930
 Ion Ratio Lower Upper
 75 100
 77 58.8 21.7 40.3#

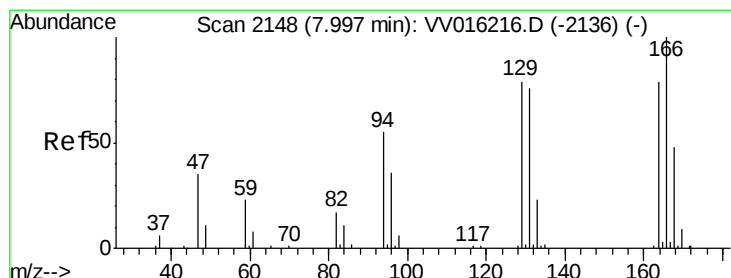
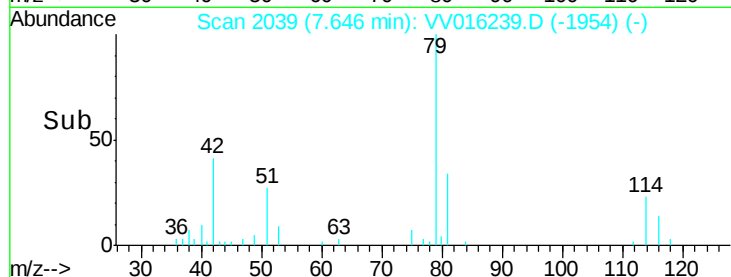
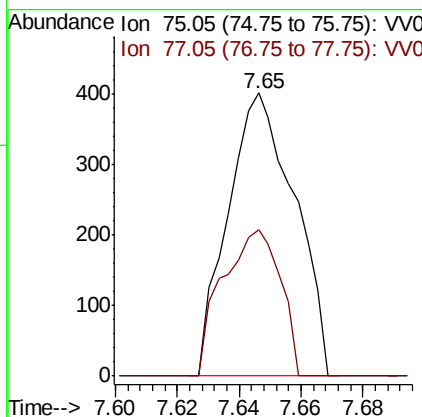
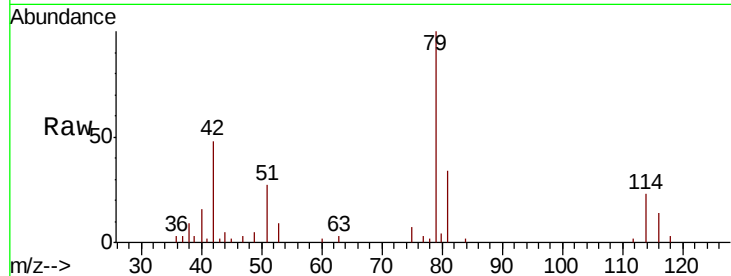




#46
trans-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV016239.D
Acq: 27 May 2020 19:42

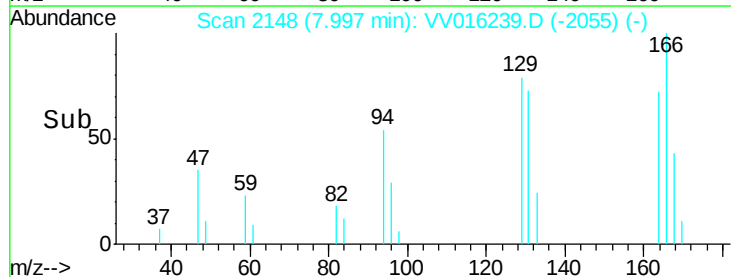
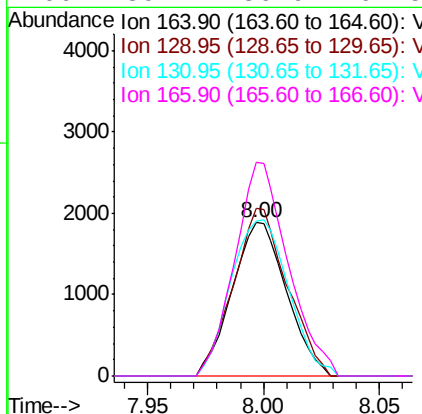
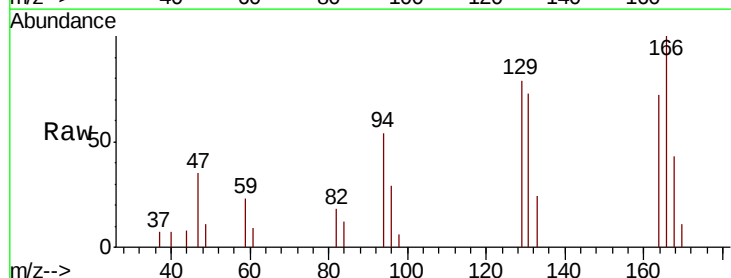
Instrument :
MSVOA_V
ClientSampleId :

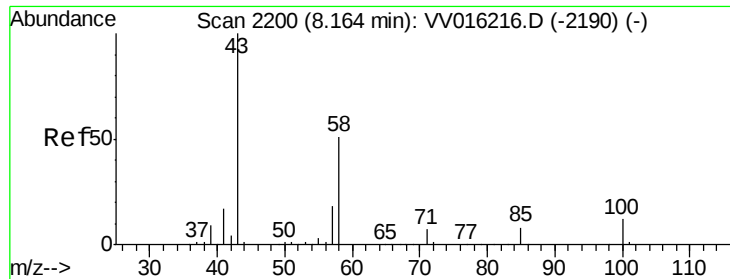
Tot Ion: 75 Resp: 600
Ion Ratio Lower Upper
75 100
77 51.6 21.7 40.3#



#49
Tetrachloroethene
Concen: 0.669 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV016239.D
Acq: 27 May 2020 19:42

Tgt Ion: 164 Resp: 3065
Ion Ratio Lower Upper
164 100
129 109.4 70.7 131.3
131 101.0 66.6 123.8
166 139.1 86.9 161.5

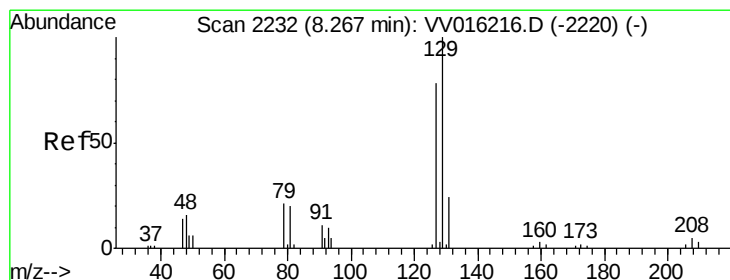
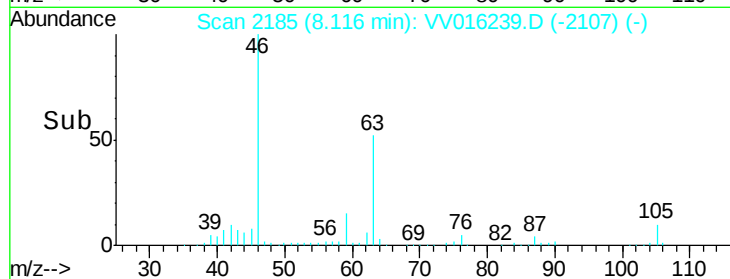
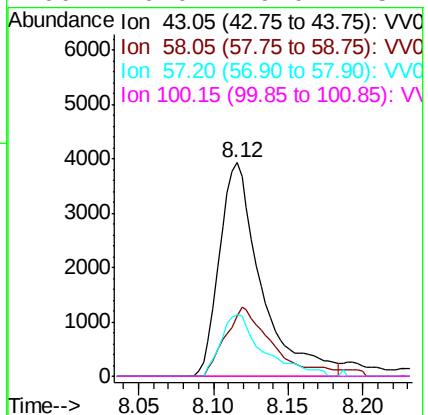
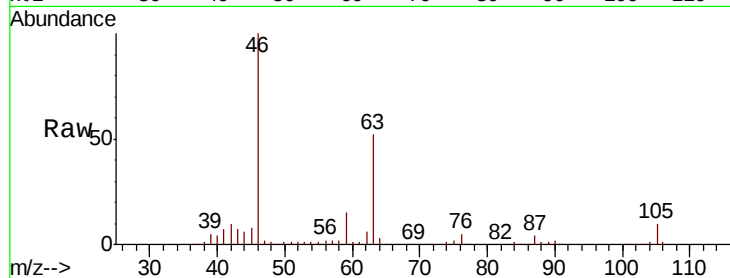




#50
2-Hexanone
Concen: 2.916 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV016239.D
Acq: 27 May 2020 19:42

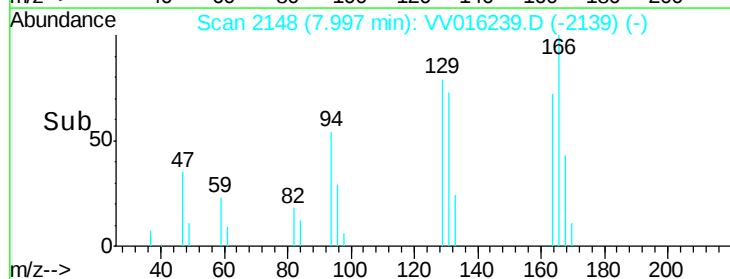
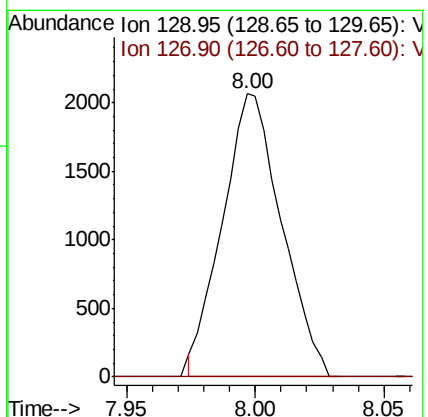
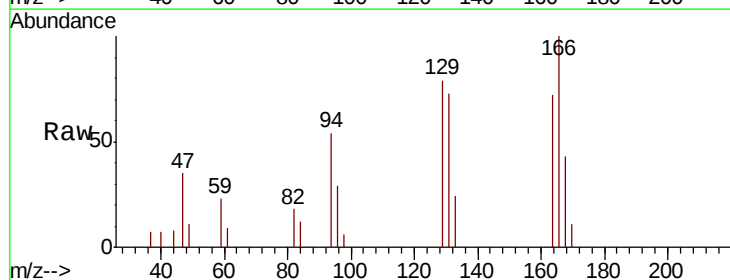
Instrument :
MSVOA_V
ClientSampleId :

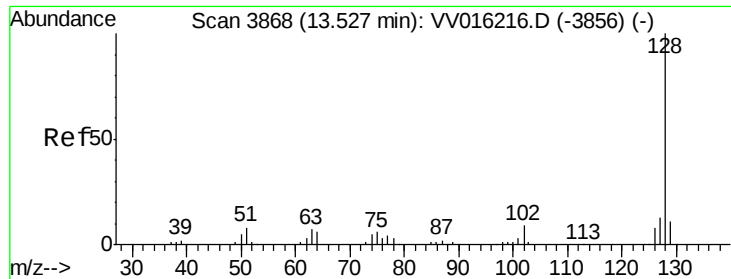
Tot Ion: 43 Resp: 7607
Ion Ratio Lower Upper
43 100
58 36.3 41.4 62.0#
57 29.2 15.0 22.4#
100 0.0 9.0 13.4#



#51
Dibromochloromethane
Concen: 0.786 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV016239.D
Acq: 27 May 2020 19:42

Tgt Ion: 129 Resp: 3291
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.4#





#70

Naphthalene

Concen: 0.112 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.00 min

Lab File: VV016239.D

Acq: 27 May 2020 19:42

Instrument :

MSVOA_V

ClientSampleId :

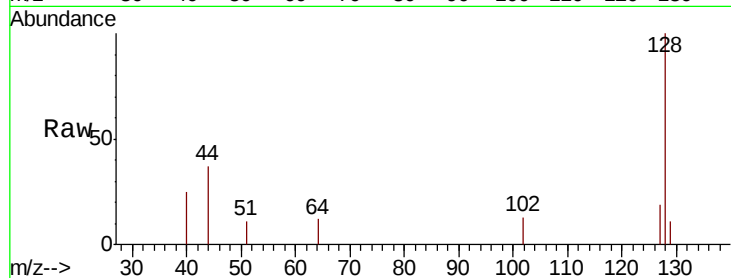
Tot Ion:128 Resp: 1764

Ion Ratio Lower Upper

128 100

129 6.9 8.6 13.0#

127 11.6 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

