

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052720\
 Data File : VV016221.D
 Acq On : 27 May 2020 12:25
 Operator : SY/MD
 Sample : L2725-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 28 01:20:29 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	94822	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	91791	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	41831	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26560	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.58	69	25001	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.13	63	38666	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	3.94	46	71999	47.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.32%
24) Chloroform-d	4.38	84	55276	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.06	65	29792	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.08	84	106214	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.10	67	33474	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.34	98	92388	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
45) trans-1,3-Dichloropropene-	7.65	79	11144	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
48) 2-Hexanone-d5	8.12	63	50581	42.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.12%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	22193	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	34116	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

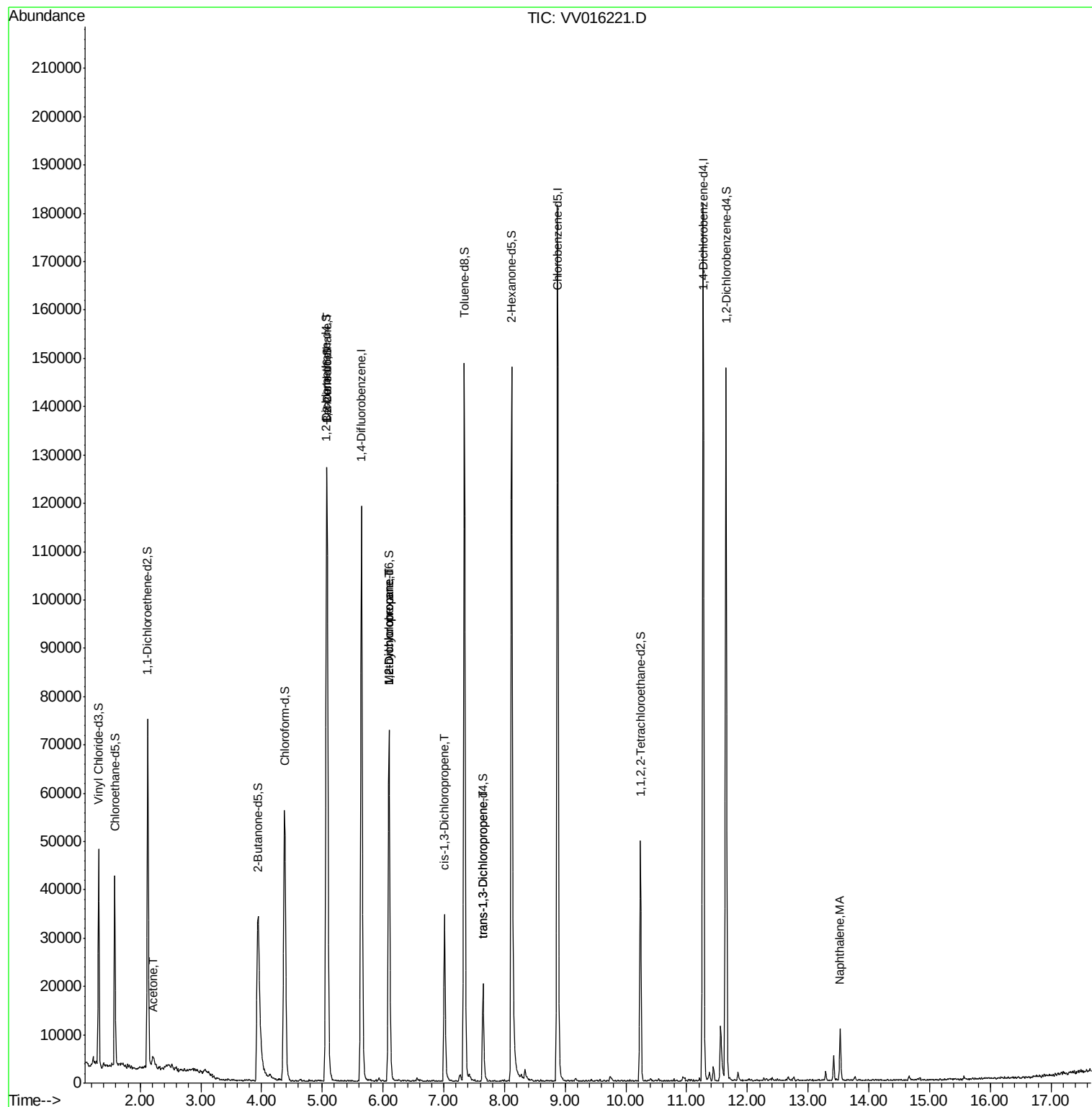
					Ovalue
13) Acetone	2.21	43	1810	1.936	ug/L # 22
27) 1,2-Dichloroethane	5.07	62	661	0.082	ug/L # 79
35) Methylcyclohexane	6.10	83	8044	0.693	ug/L # 16
37) 1,2-Dichloropropane	6.10	63	4003	0.618	ug/L # 88
39) cis-1,3-Dichloropropene	7.01	75	868	0.095	ug/L # 62
46) trans-1,3-Dichloropropene	7.64	75	568	0.075	ug/L # 80
70) Naphthalene	13.53	128	8254	0.476	ug/L 98

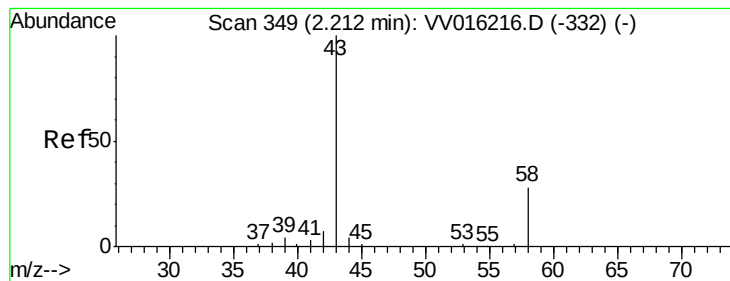
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 28 01:17:22 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.936 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.01 min

Lab File: VV016221.D

Acq: 27 May 2020 12:25

Instrument :

MSVOA_V

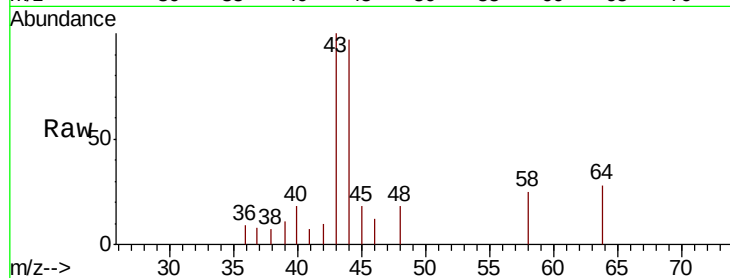
ClientSampleId :

Tot Ion: 43 Resp: 1810

Ion Ratio Lower Upper

43 100

58 63.0 0.0 48.8#



Abundance Ion 43.05 (42.75 to 43.75): VV016221.D (-256) (-)

Ion 58.05 (57.75 to 58.75): VV016221.D (-256) (-)

1500

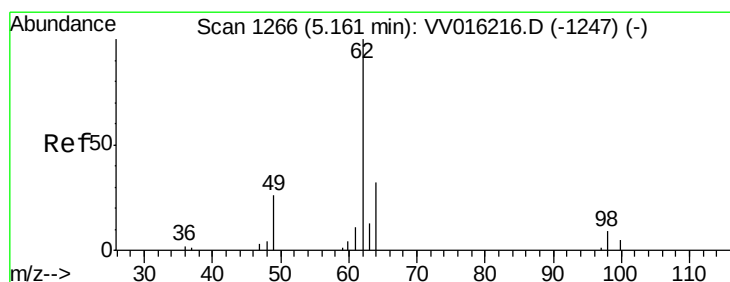
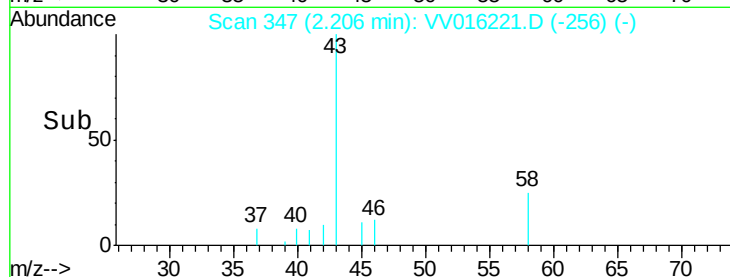
1000

500

0

2.16 2.18 2.20 2.22

Time-->



#27

1,2-Dichloroethane

Concen: 0.082 ug/L

RT: 5.07 min Scan# 1238

Delta R.T. -0.09 min

Lab File: VV016221.D

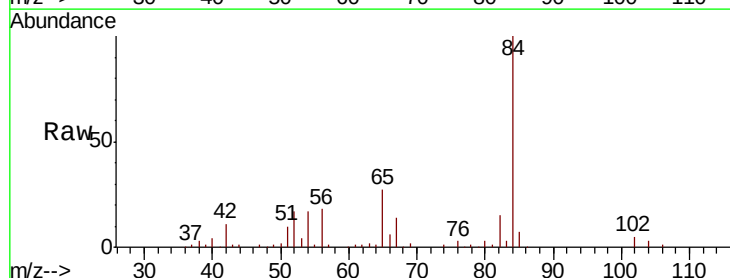
Acq: 27 May 2020 12:25

Tgt Ion: 62 Resp: 661

Ion Ratio Lower Upper

62 100

98 0.0 5.7 8.5#



Abundance Ion 62.00 (61.70 to 62.70): VV016221.D (-1173) (-)

Ion 98.05 (97.75 to 98.75): VV016221.D (-1173) (-)

300

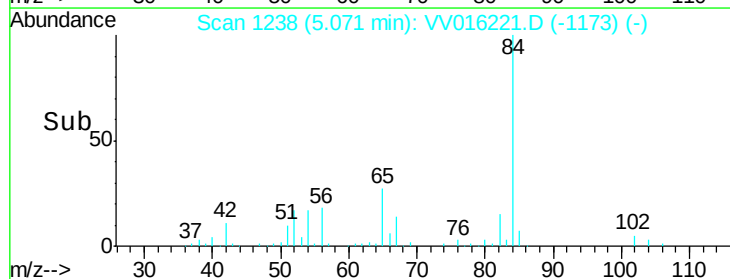
200

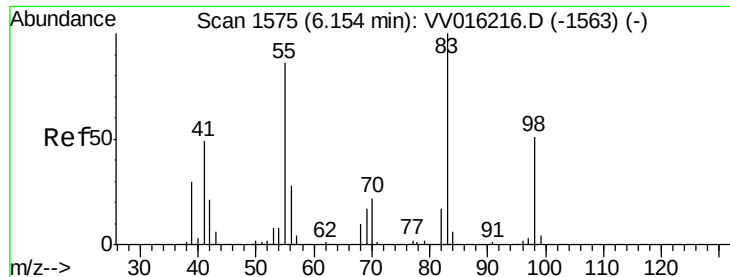
100

0

5.05 5.10

Time-->

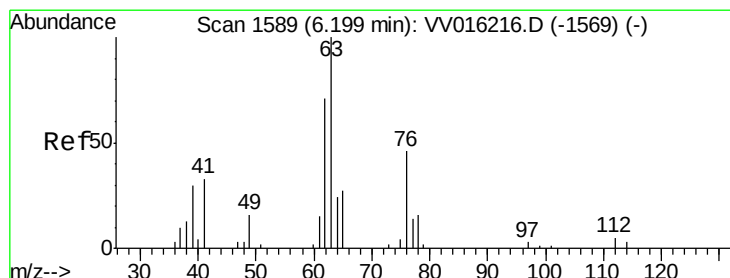
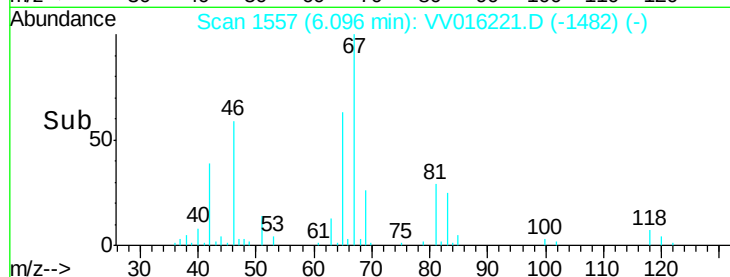
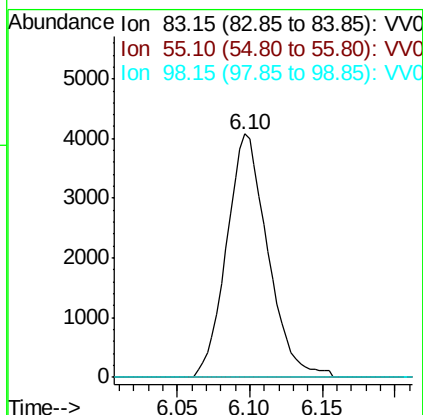
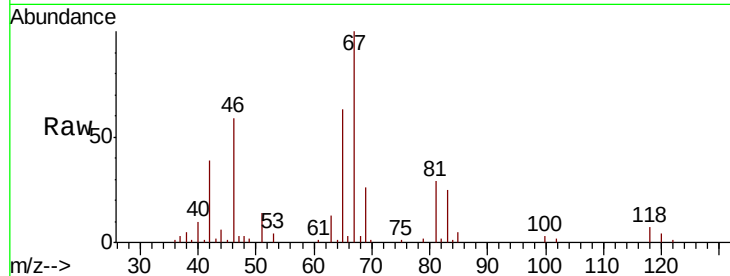




#35
Methylvlcyclohexane
Concen: 0.693 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV016221.D
Acq: 27 May 2020 12:25

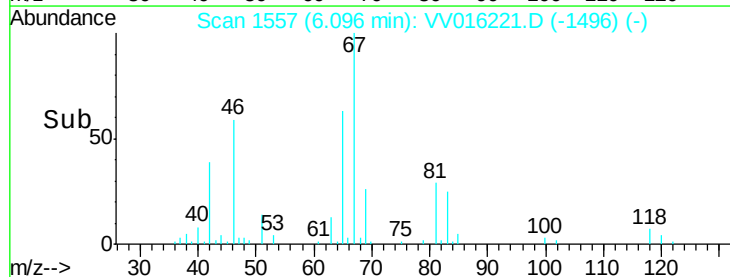
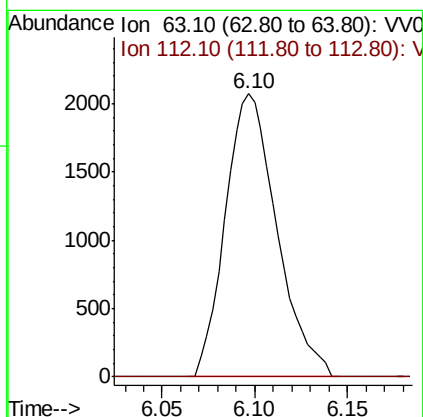
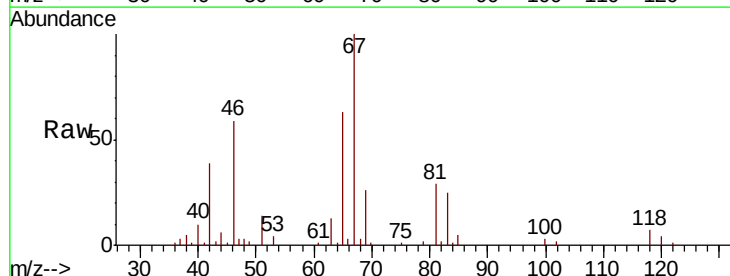
Instrument :
MSVOA_V
ClientSampled :

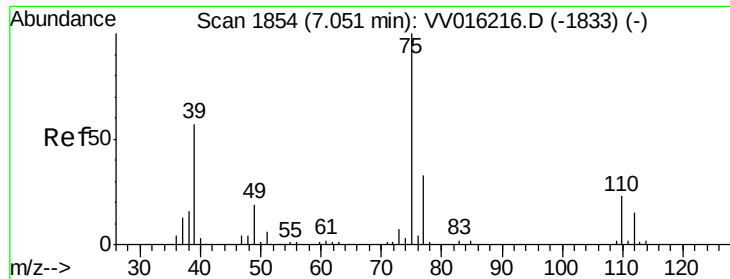
Tot Ion: 83 Resp: 8044
Ion Ratio Lower Upper
83 100
55 0.0 65.4 98.0#
98 0.0 39.3 58.9#



#37
1,2-Dichloropropane
Concen: 0.618 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016221.D
Acq: 27 May 2020 12:25

Tgt Ion: 63 Resp: 4003
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

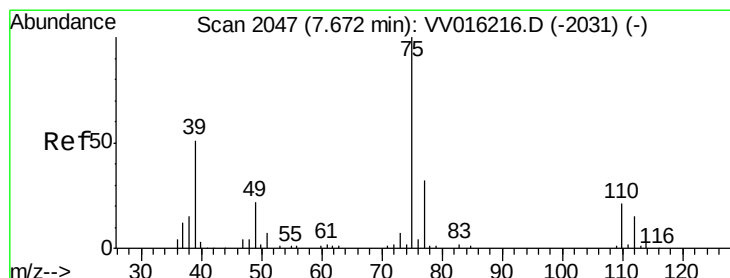
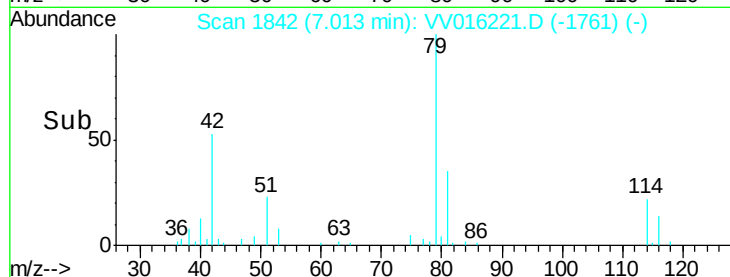
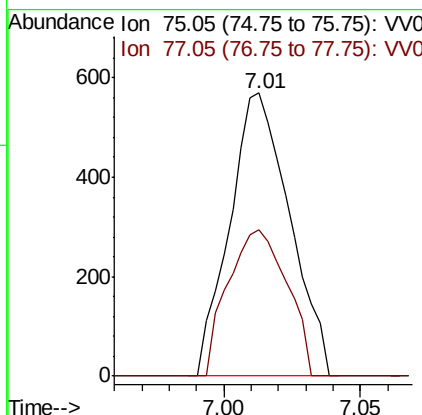
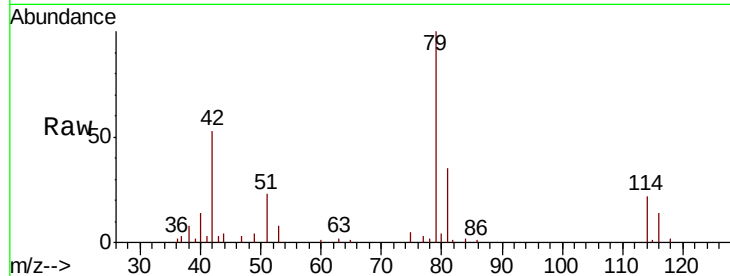




#39
 cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV016221.D
 Acq: 27 May 2020 12:25

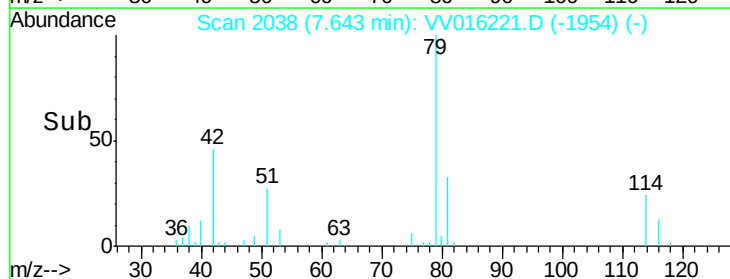
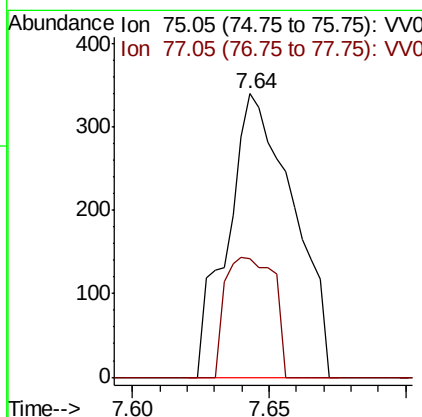
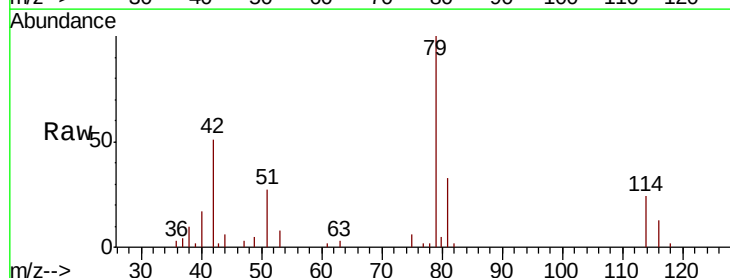
Instrument :
 MSVOA_V
 ClientSampleId :

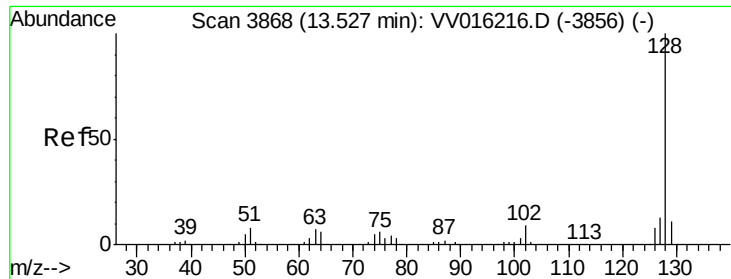
Tot Ion: 75 Resp: 868
 Ion Ratio Lower Upper
 75 100
 77 51.8 21.7 40.3#



#46
 trans-1,3-Dichloropropene
 Concen: 0.075 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV016221.D
 Acq: 27 May 2020 12:25

Tgt Ion: 75 Resp: 568
 Ion Ratio Lower Upper
 75 100
 77 41.8 21.7 40.3#





#70

Naphthalene

Concen: 0.476 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.00 min

Lab File: VV016221.D

Acq: 27 May 2020 12:25

Instrument :

MSVOA_V

ClientSampleId :

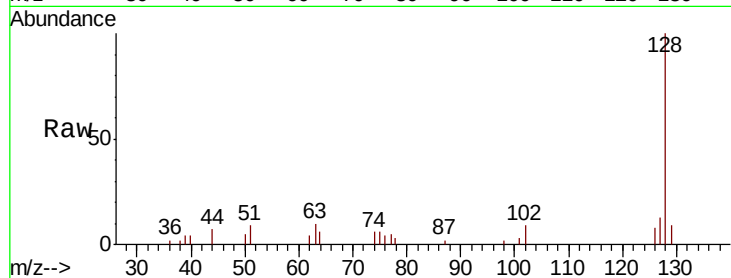
Tot Ion:128 Resp: 8254

Ion Ratio Lower Upper

128 100

129 9.2 8.6 13.0

127 12.8 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

