

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052820\
 Data File : VV016277.D
 Acq On : 28 May 2020 15:21
 Operator : SY/MD
 Sample : L2756-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 29 01:15:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 29 01:10:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	91915	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	90268	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	40268	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21848	3.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.00%
7) Chloroethane-d5	1.58	69	21296	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.20%
11) 1,1-Dichloroethene-d2	2.13	63	33073	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	3.94	46	71474	48.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.62%
24) Chloroform-d	4.38	84	50292	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	5.06	65	28047	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.08	84	95770	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.10	67	31020	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.34	98	86987	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
45) trans-1,3-Dichloropropene-	7.65	79	9833	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
48) 2-Hexanone-d5	8.12	63	51449	43.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.00%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	22173	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	31479	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

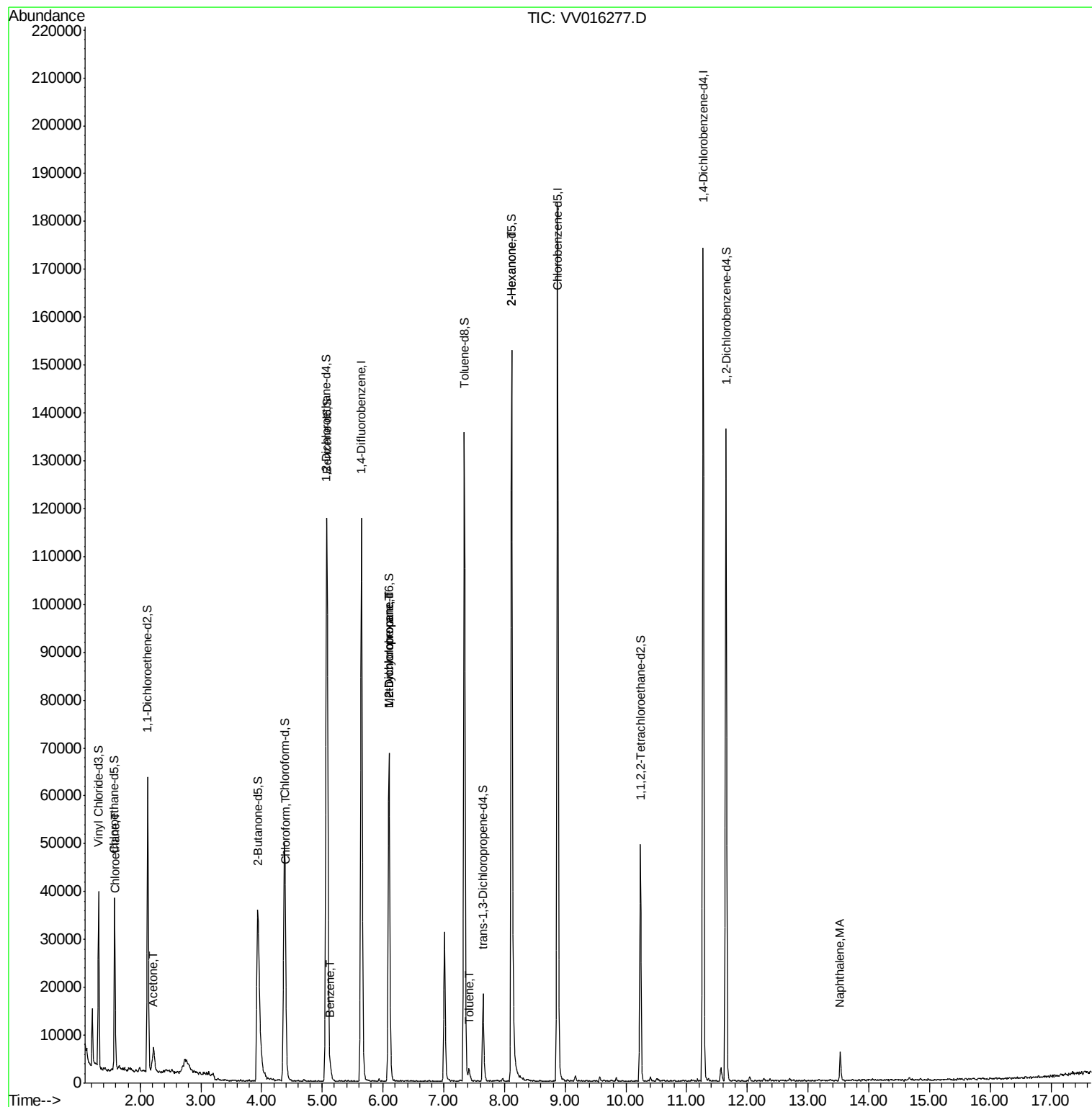
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.60	64	519	0.115	ug/L #	62
13) Acetone	2.21	43	4336	4.784	ug/L	83
25) Chloroform	4.40	83	1747	0.146	ug/L	81
33) Benzene	5.14	78	2243	0.086	ug/L	100
35) Methylcyclohexane	6.10	83	7832	0.686	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	3821	0.600	ug/L #	88
42) Toluene	7.42	91	1872	0.066	ug/L	89
50) 2-Hexanone	8.12	43	6930	2.507	ug/L #	73
70) Naphthalene	13.53	128	4824	0.289	ug/L	98

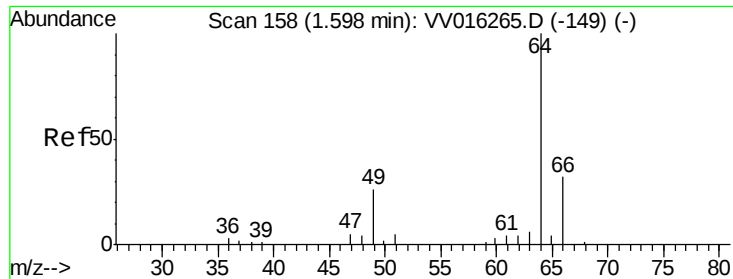
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 29 01:10:53 2020
Response via : Initial Calibration

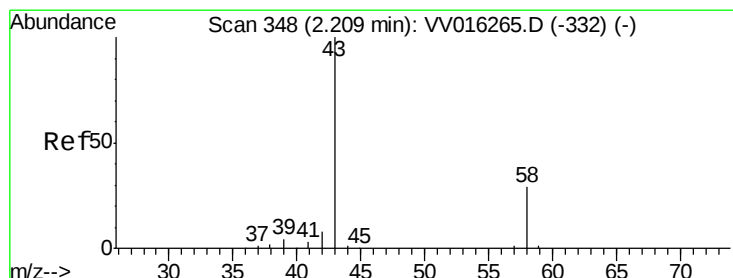
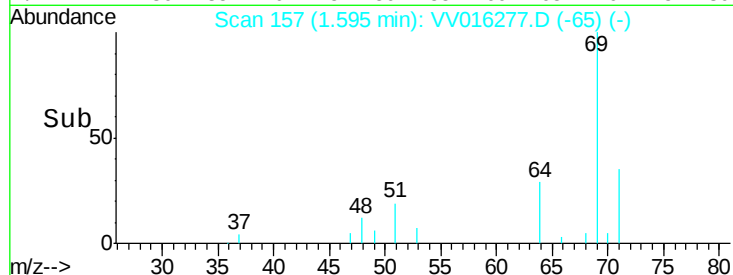
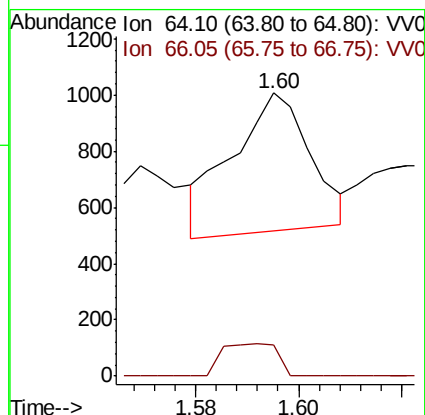
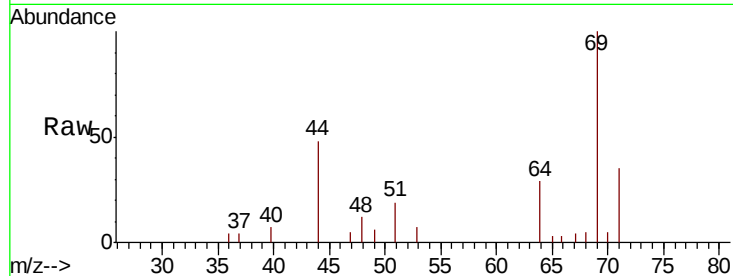




#8
 Chloroethane
 Concen: 0.115 ug/L
 RT: 1.60 min Scan# 157
 Delta R.T. -0.00 min
 Lab File: VV016277.D
 Acq: 28 May 2020 15:21

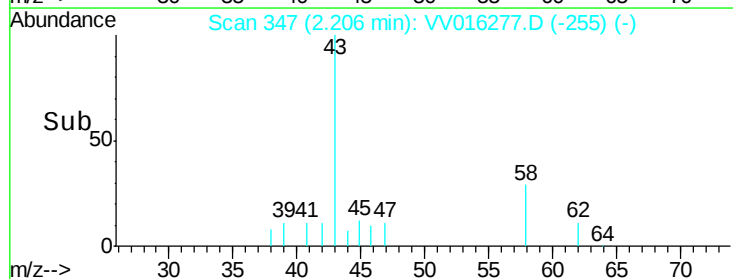
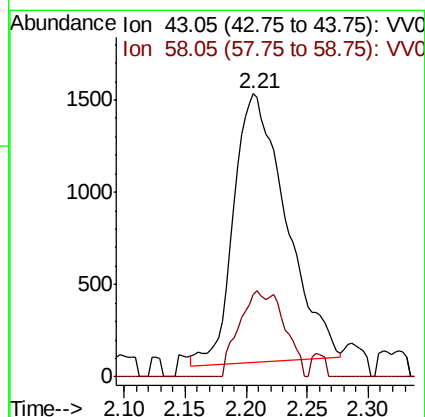
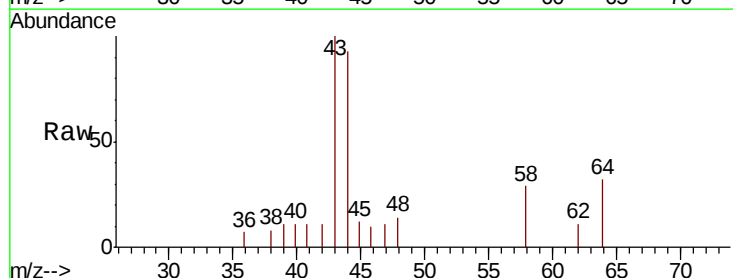
Instrument :
 MSVOA_V
 ClientSampleId :

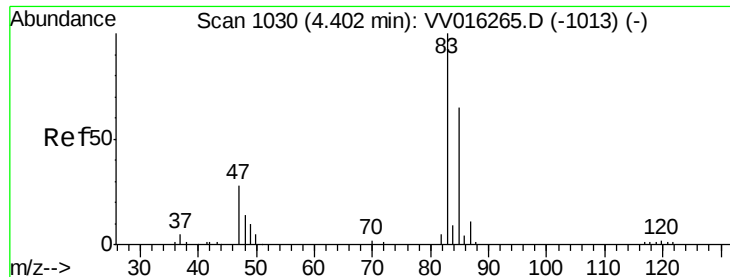
Tot Ion: 64 Resp: 519
 Ion Ratio Lower Upper
 64 100
 66 11.2 22.9 42.5#



#13
 Acetone
 Concen: 4.784 ug/L
 RT: 2.21 min Scan# 347
 Delta R.T. -0.00 min
 Lab File: VV016277.D
 Acq: 28 May 2020 15:21

Tgt Ion: 43 Resp: 4336
 Ion Ratio Lower Upper
 43 100
 58 16.1 0.0 48.8

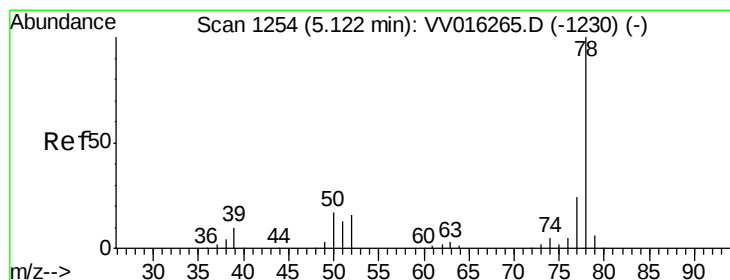
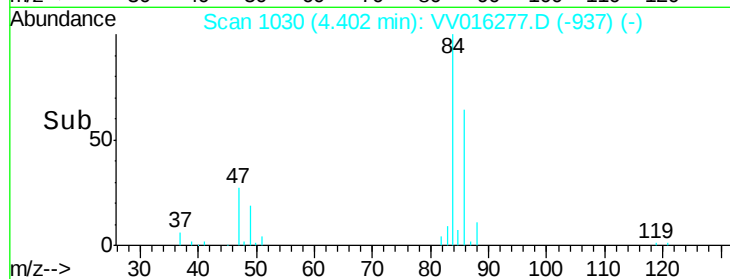
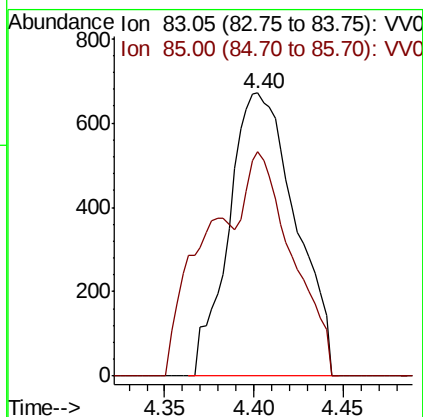
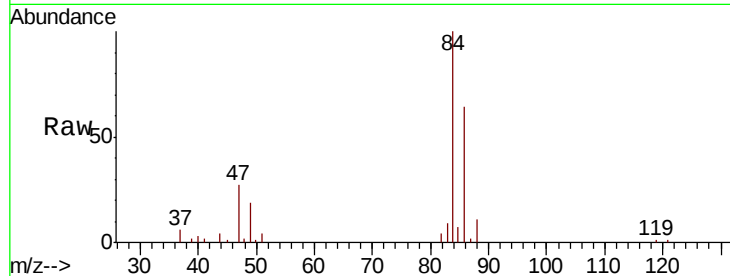




#25
Chloroform
Concen: 0.146 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV016277.D
Acq: 28 May 2020 15:21

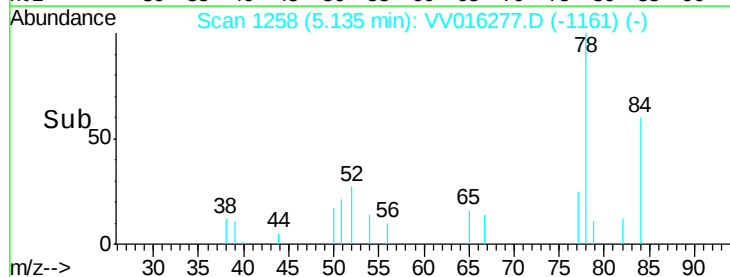
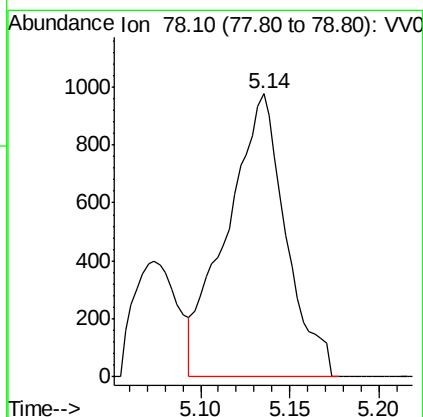
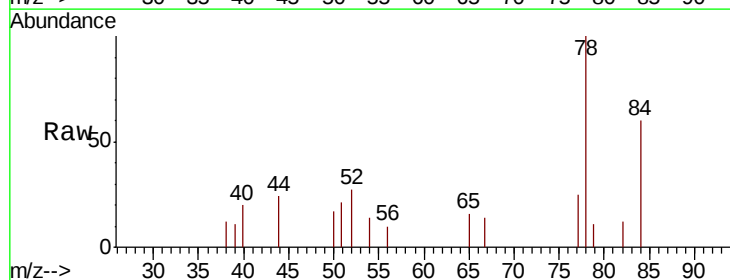
Instrument :
MSVOA_V
ClientSampled :

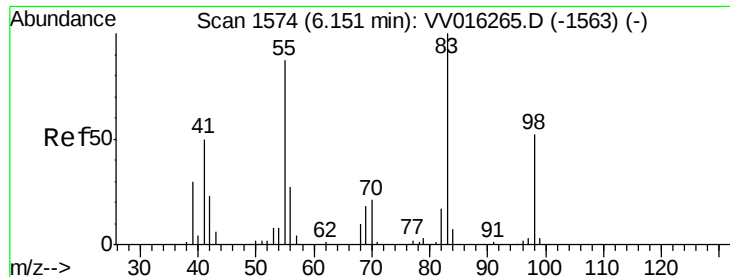
Tot Ion: 83 Resp: 1747
Ion Ratio Lower Upper
83 100
85 79.1 45.1 83.7



#33
Benzene
Concen: 0.086 ug/L
RT: 5.14 min Scan# 1258
Delta R.T. 0.01 min
Lab File: VV016277.D
Acq: 28 May 2020 15:21

Tgt Ion: 78 Resp: 2243

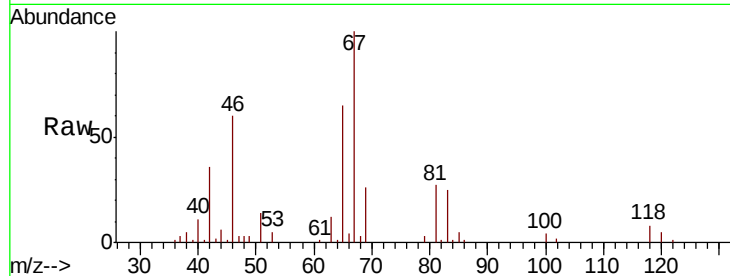




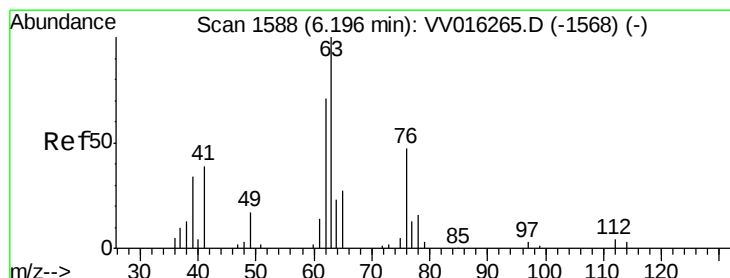
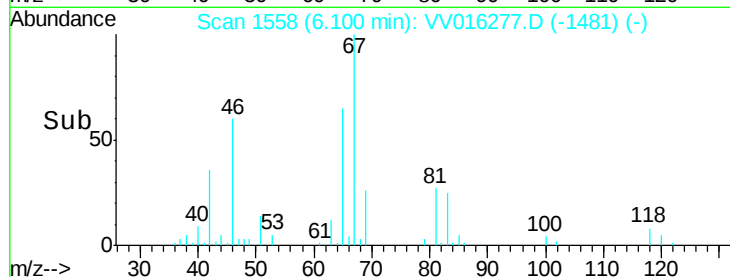
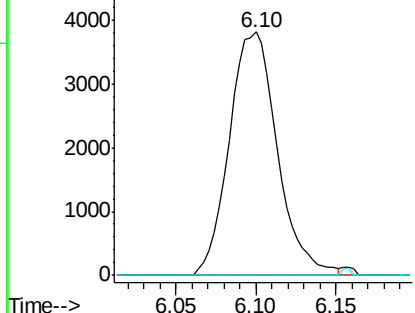
#35
Methvlcvclohexane
Concen: 0.686 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.05 min
Lab File: VV016277.D
Acq: 28 May 2020 15:21

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 7832
Ion Ratio Lower Upper
83 100
55 0.0 65.4 98.0#
98 0.5 39.3 58.9#

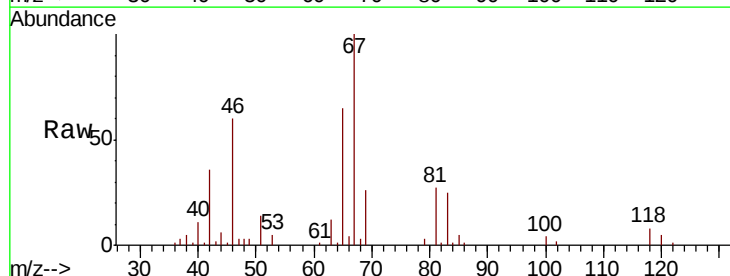


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

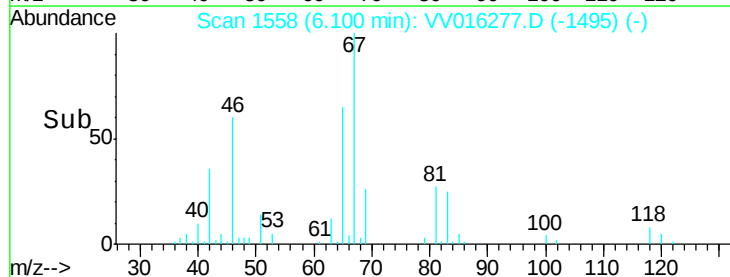
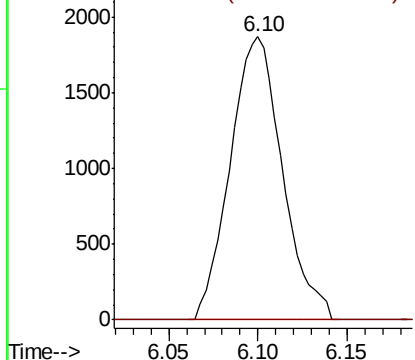


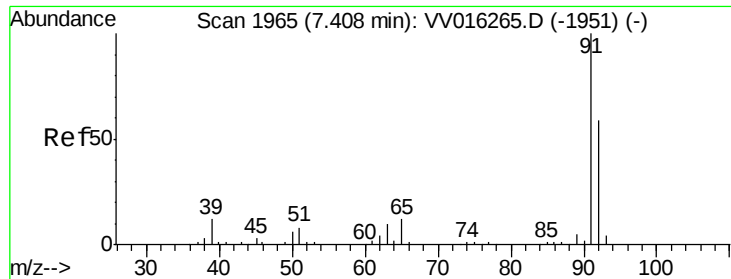
#37
1,2-Dichloropropane
Concen: 0.600 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.10 min
Lab File: VV016277.D
Acq: 28 May 2020 15:21

Tgt Ion: 63 Resp: 3821
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





#42

Toluene

Concen: 0.066 ug/L

RT: 7.42 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VV016277.D

Acq: 28 May 2020 15:21

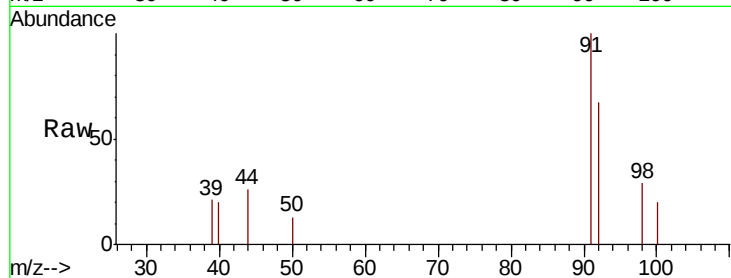
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 1872

Ion Ratio Lower Upper

91 100

92 66.5 40.9 76.0

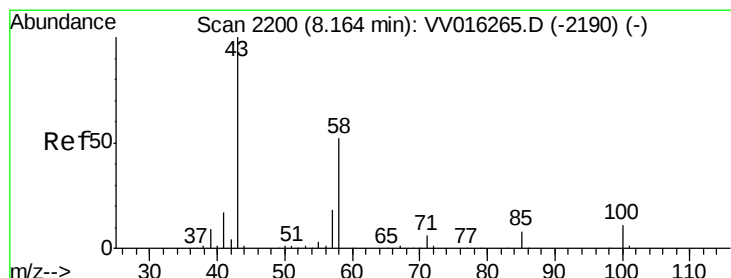
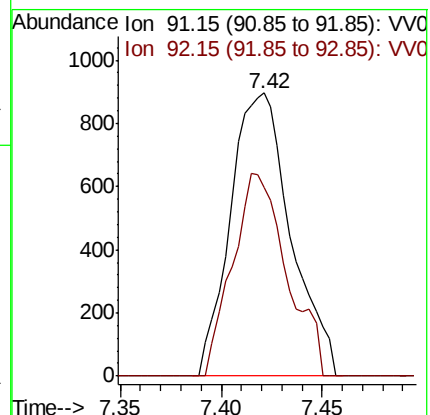
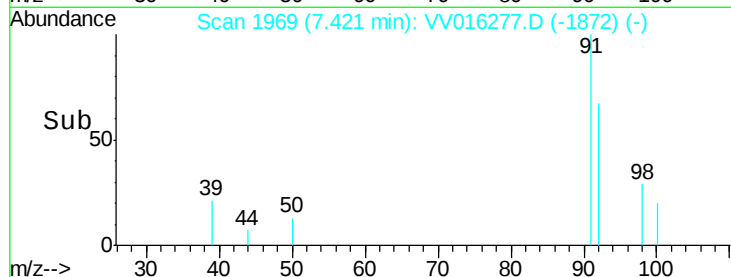


Abundance Ion 91.15 (90.85 to 91.85): VV016265.D (-1951) (-)

Ion 92.15 (91.85 to 92.85): VV016265.D (-1951) (-)

7.42

Time-->



#50

2-Hexanone

Concen: 2.507 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV016277.D

Acq: 28 May 2020 15:21

Tgt Ion: 43 Resp: 6930

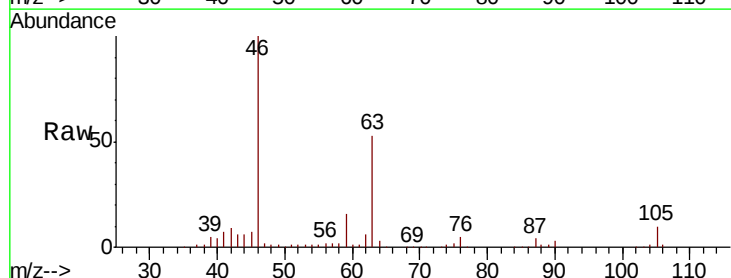
Ion Ratio Lower Upper

43 100

58 31.6 41.4 62.0#

57 28.3 15.0 22.4#

100 0.3 9.0 13.4#



Abundance Ion 43.05 (42.75 to 43.75): VV016265.D (-2190) (-)

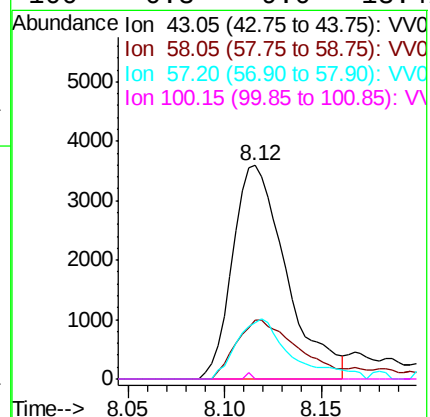
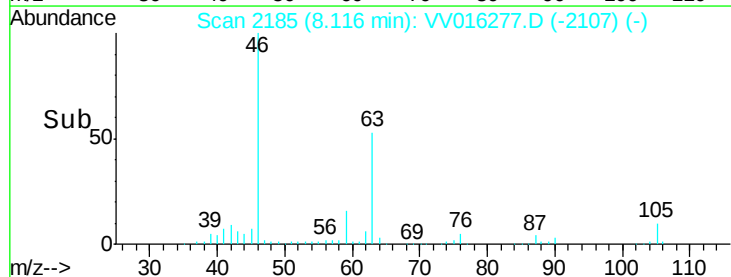
Ion 58.05 (57.75 to 58.75): VV016265.D (-2190) (-)

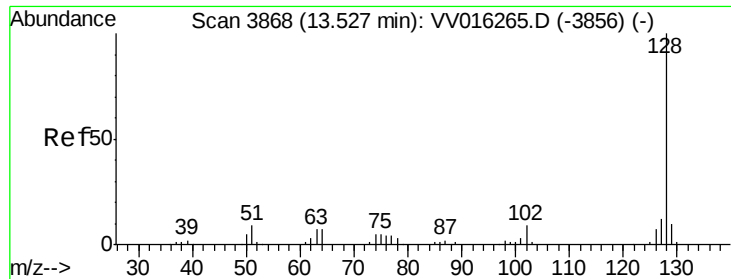
Ion 57.20 (56.90 to 57.90): VV016265.D (-2190) (-)

Ion 100.15 (99.85 to 100.85): VV016265.D (-2190) (-)

8.12

Time-->





#70

Naphthalene

Concen: 0.289 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.00 min

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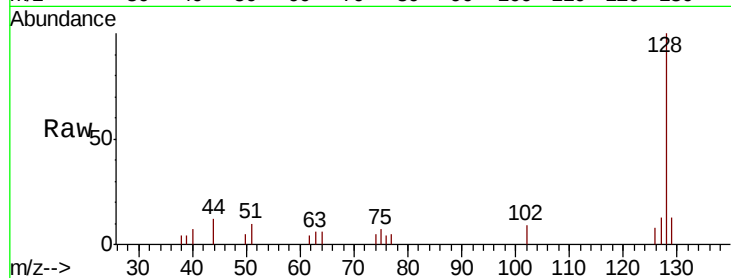
Tot Ion:128 Resp: 4824

Ion Ratio Lower Upper

128 100

129 10.6 8.6 13.0

127 14.4 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

