

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072720\
 Data File : VV017688.D
 Acq On : 27 Jul 2020 19:30
 Operator : SY/MD
 Sample : L3459-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 28 04:58:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 28 04:52:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	147932	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	144240	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	71581	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	27791	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	1.58	69	24966	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.12	63	51277	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	3.95	46	75140	44.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.94%
24) Chloroform-d	4.37	84	82350	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.06	65	44355	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.07	84	139412	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.10	67	39944	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.34	98	126233	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
45) trans-1,3-Dichloropropene-	7.65	79	16574	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
48) 2-Hexanone-d5	8.12	63	45408	36.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.16%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	26664	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	54988	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

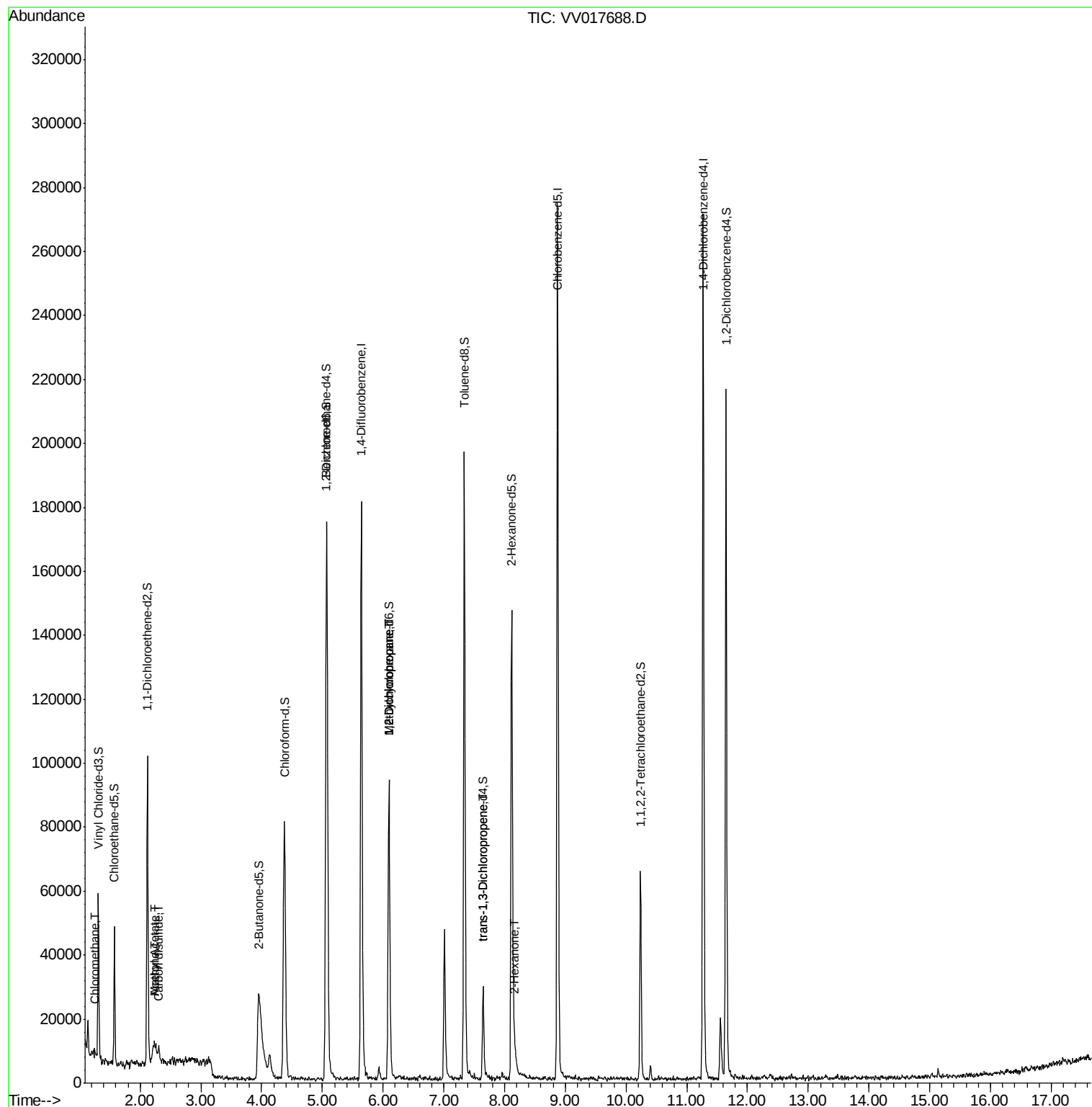
					Ovalue
3) Chloromethane	1.25	50	795	0.075 ug/L #	48
13) Acetone	2.24	43	18289	13.825 ug/L	95
14) Carbon disulfide	2.31	76	3318	0.137 ug/L #	93
15) Methyl Acetate	2.24	43	18289	7.105 ug/L #	42
35) Methylcyclohexane	6.09	83	10982	0.637 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	5688	0.593 ug/L #	86
46) trans-1,3-Dichloropropene	7.64	75	846	0.065 ug/L	91
50) 2-Hexanone	8.18	43	4584	1.231 ug/L #	64

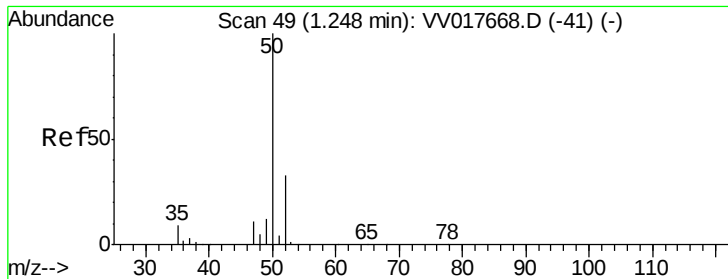
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 28 04:52:47 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.075 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV017688.D

Acq: 27 Jul 2020 19:30

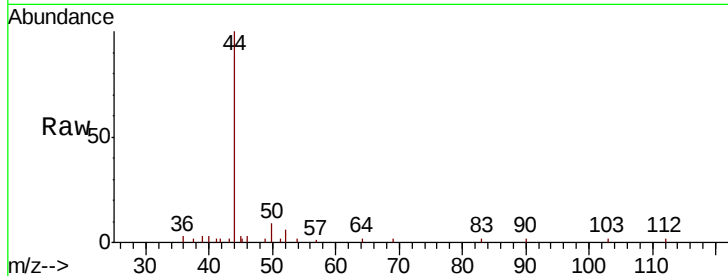
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 795

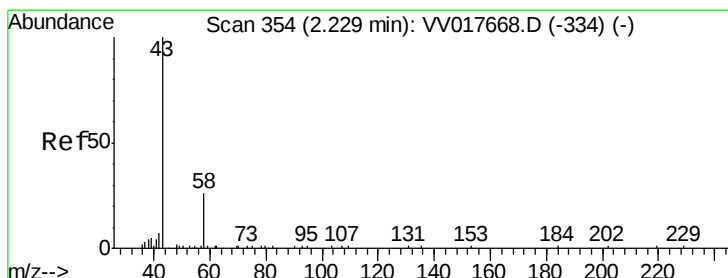
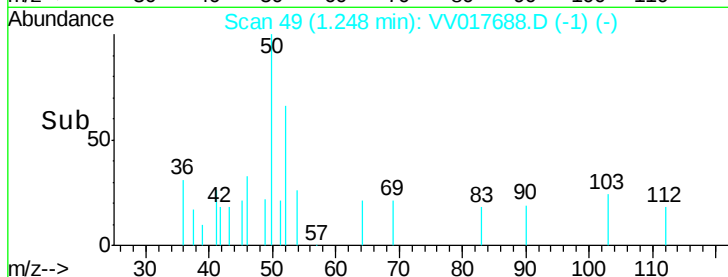
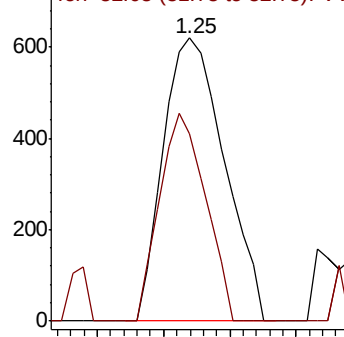
Ion Ratio Lower Upper

50 100

52 66.1 25.1 46.5#



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



#13

Acetone

Concen: 13.825 ug/L

RT: 2.24 min Scan# 357

Delta R.T. 0.01 min

Lab File: VV017688.D

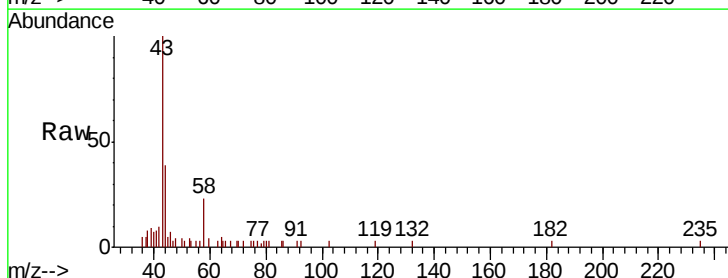
Acq: 27 Jul 2020 19:30

Tgt Ion: 43 Resp: 18289

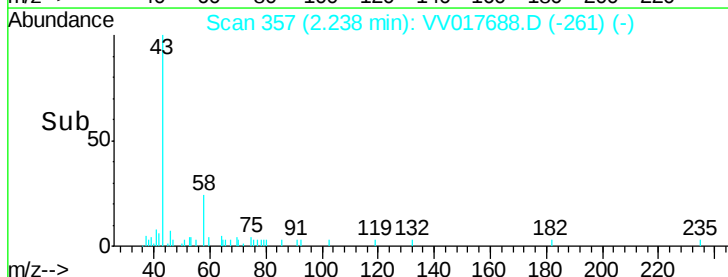
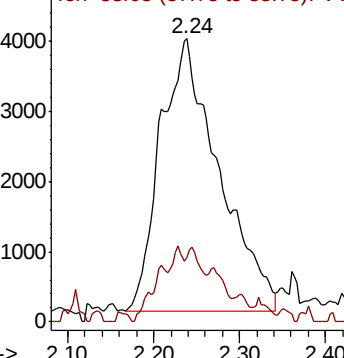
Ion Ratio Lower Upper

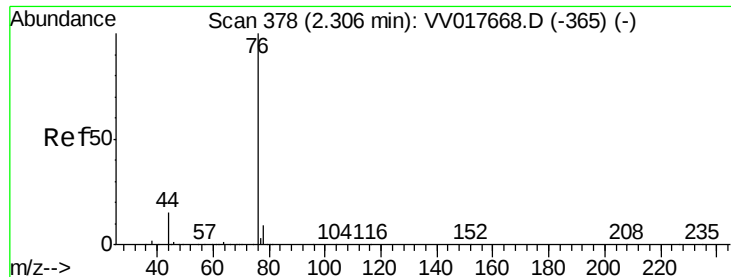
43 100

58 7.3 0.0 18.6



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0





#14

Carbon disulfide

Concen: 0.137 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV017668.D

Acq: 27 Jul 2020 19:30

Instrument :

MSVOA_V

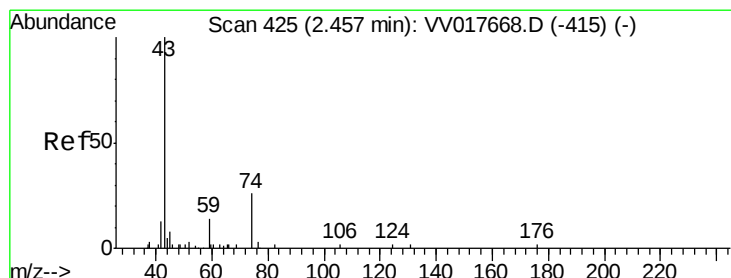
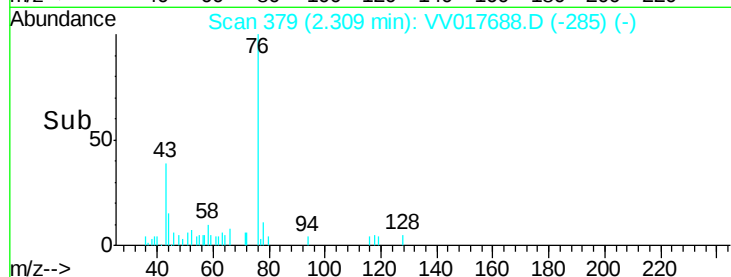
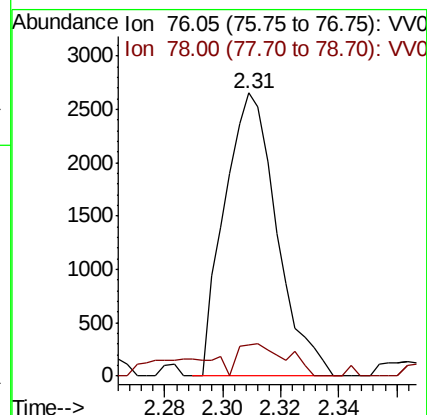
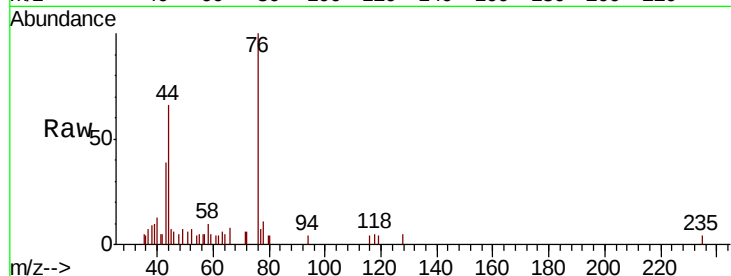
ClientSampleId :

Tot Ion: 76 Resp: 3318

Ion Ratio Lower Upper

76 100

78 10.9 6.6 10.0#



#15

Methyl Acetate

Concen: 7.105 ug/L

RT: 2.24 min Scan# 357

Delta R.T. -0.22 min

Lab File: VV017668.D

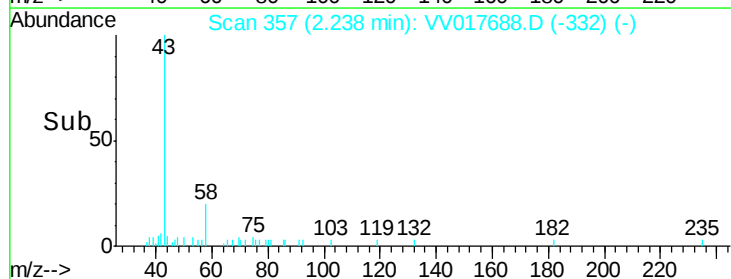
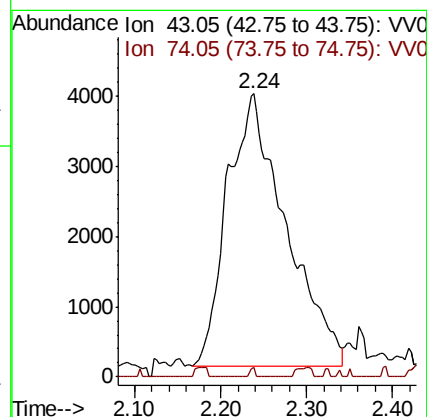
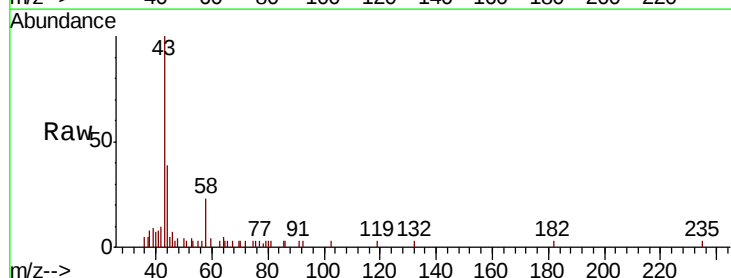
Acq: 27 Jul 2020 19:30

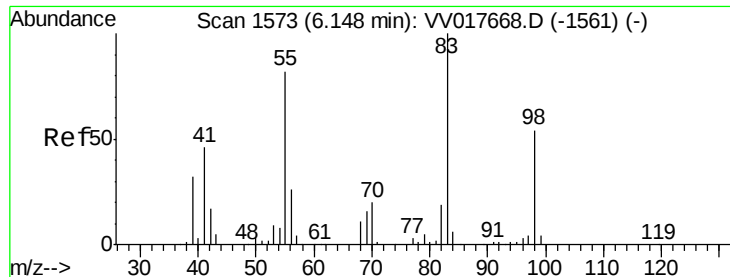
Tgt Ion: 43 Resp: 18289

Ion Ratio Lower Upper

43 100

74 0.3 26.6 40.0#

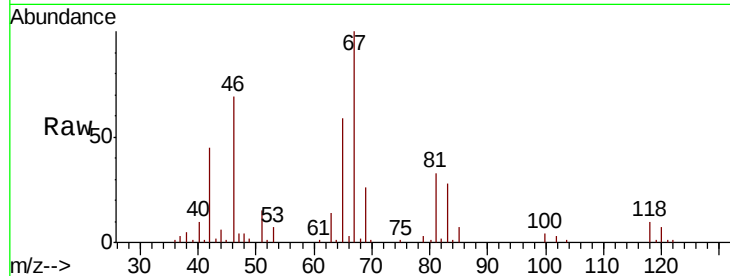




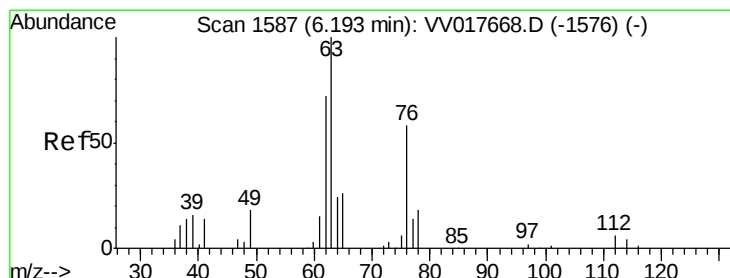
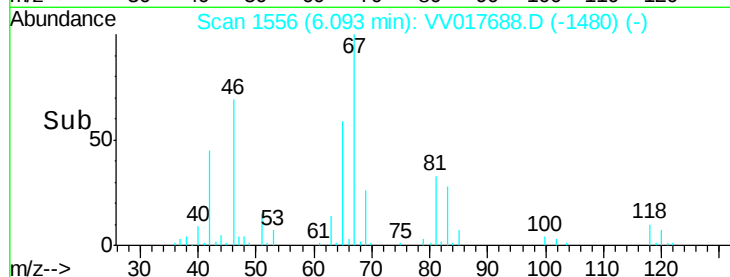
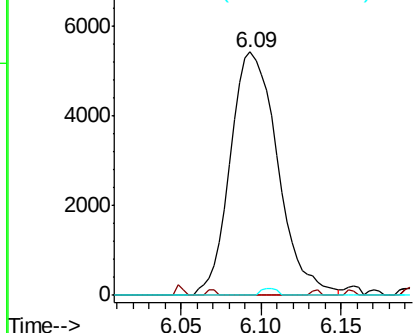
#35
Methvlcvclohexane
Concen: 0.637 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.05 min
Lab File: VV017688.D
Acq: 27 Jul 2020 19:30

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 10982
Ion Ratio Lower Upper
83 100
55 0.4 61.8 92.8#
98 0.9 39.0 58.6#

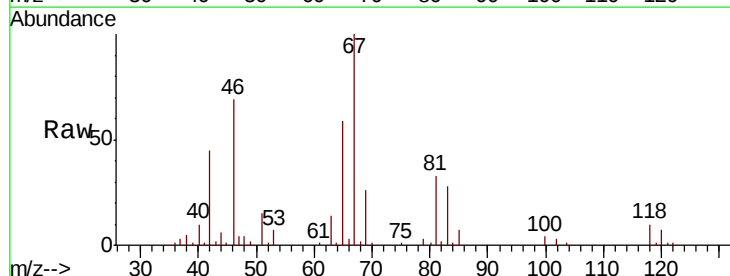


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

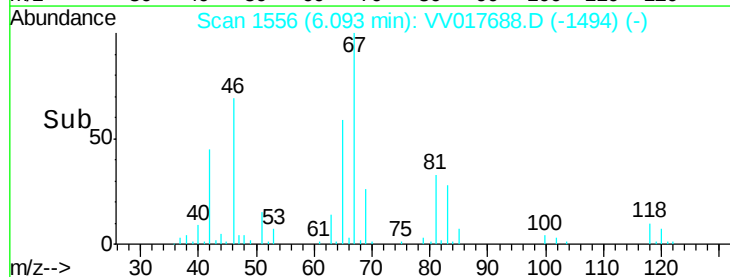
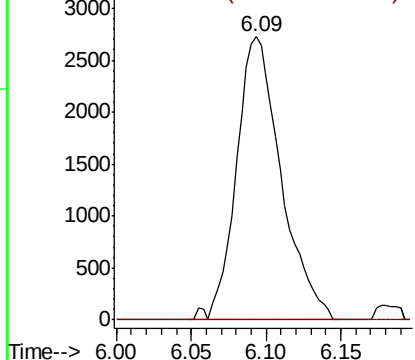


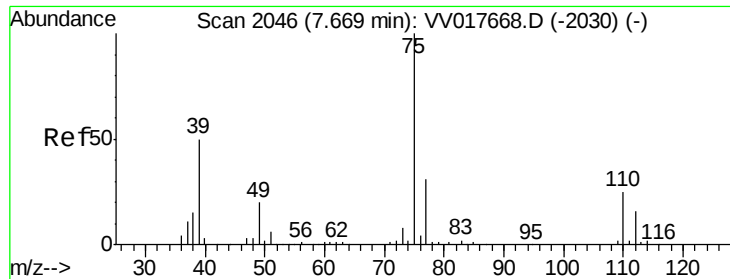
#37
1,2-Dichloropropane
Concen: 0.593 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV017688.D
Acq: 27 Jul 2020 19:30

Tgt Ion: 63 Resp: 5688
Ion Ratio Lower Upper
63 100
112 0.8 4.5 6.7#



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: 0.065 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV017688.D

Acq: 27 Jul 2020 19:30

Instrument :

MSVOA_V

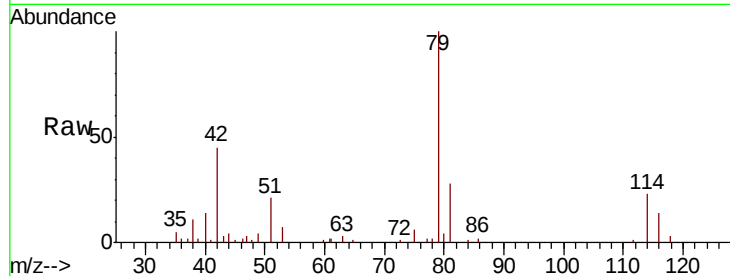
ClientSampleId :

Tot Ion: 75 Resp: 846

Ion Ratio Lower Upper

75 100

77 27.3 22.5 41.7

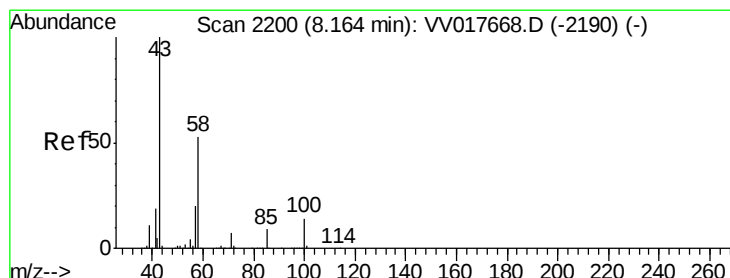
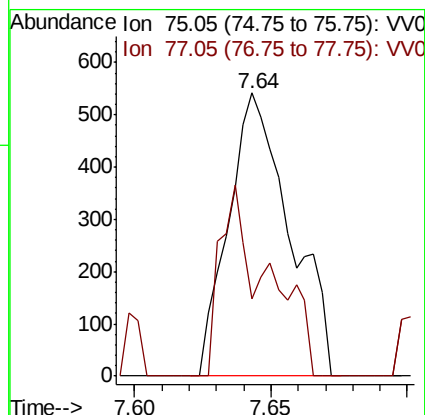
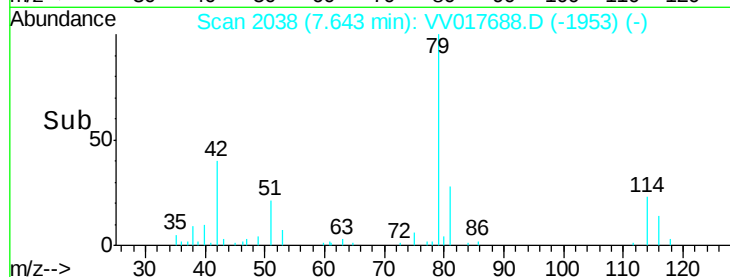


Abundance Ion 75.05 (74.75 to 75.75): VV017668.D (-2030) (-)

Ion 77.05 (76.75 to 77.75): VV017668.D (-2030) (-)

7.64

Time-->



#50

2-Hexanone

Concen: 1.231 ug/L

RT: 8.18 min Scan# 2204

Delta R.T. 0.01 min

Lab File: VV017688.D

Acq: 27 Jul 2020 19:30

Tgt Ion: 43 Resp: 4584

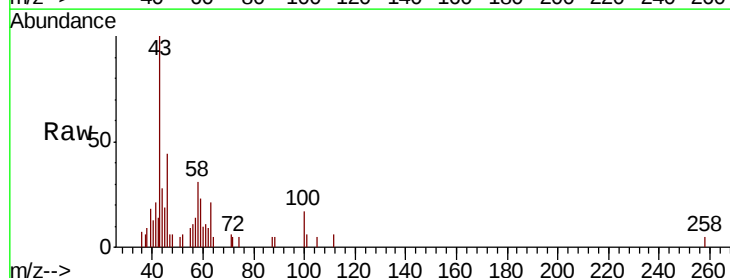
Ion Ratio Lower Upper

43 100

58 23.2 41.6 62.4#

57 0.0 15.4 23.0#

100 10.3 11.2 16.8#



Abundance Ion 43.05 (42.75 to 43.75): VV017668.D (-2190) (-)

Ion 58.05 (57.75 to 58.75): VV017668.D (-2190) (-)

Ion 57.20 (56.90 to 57.90): VV017668.D (-2190) (-)

Ion 100.15 (99.85 to 100.85): VV017668.D (-2190) (-)

8.18

Time-->

