

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072720\
 Data File : VV017680.D
 Acq On : 27 Jul 2020 15:54
 Operator : SY/MD
 Sample : L3459-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 28 04:56:51 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	155511	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	154503	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	73794	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29633	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.58	69	24731	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.12	63	50598	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	3.92	46	68391	38.50	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.00%
24) Chloroform-d	4.38	84	78357	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.06	65	42978	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.07	84	137552	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
36) 1,2-Dichloropropane-d6	6.10	67	37905	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.00%
41) Toluene-d8	7.34	98	125603	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.00%
45) trans-1,3-Dichloropropene-	7.64	79	16344	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
48) 2-Hexanone-d5	8.11	63	44184	33.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.46%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	25688	3.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	54120	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

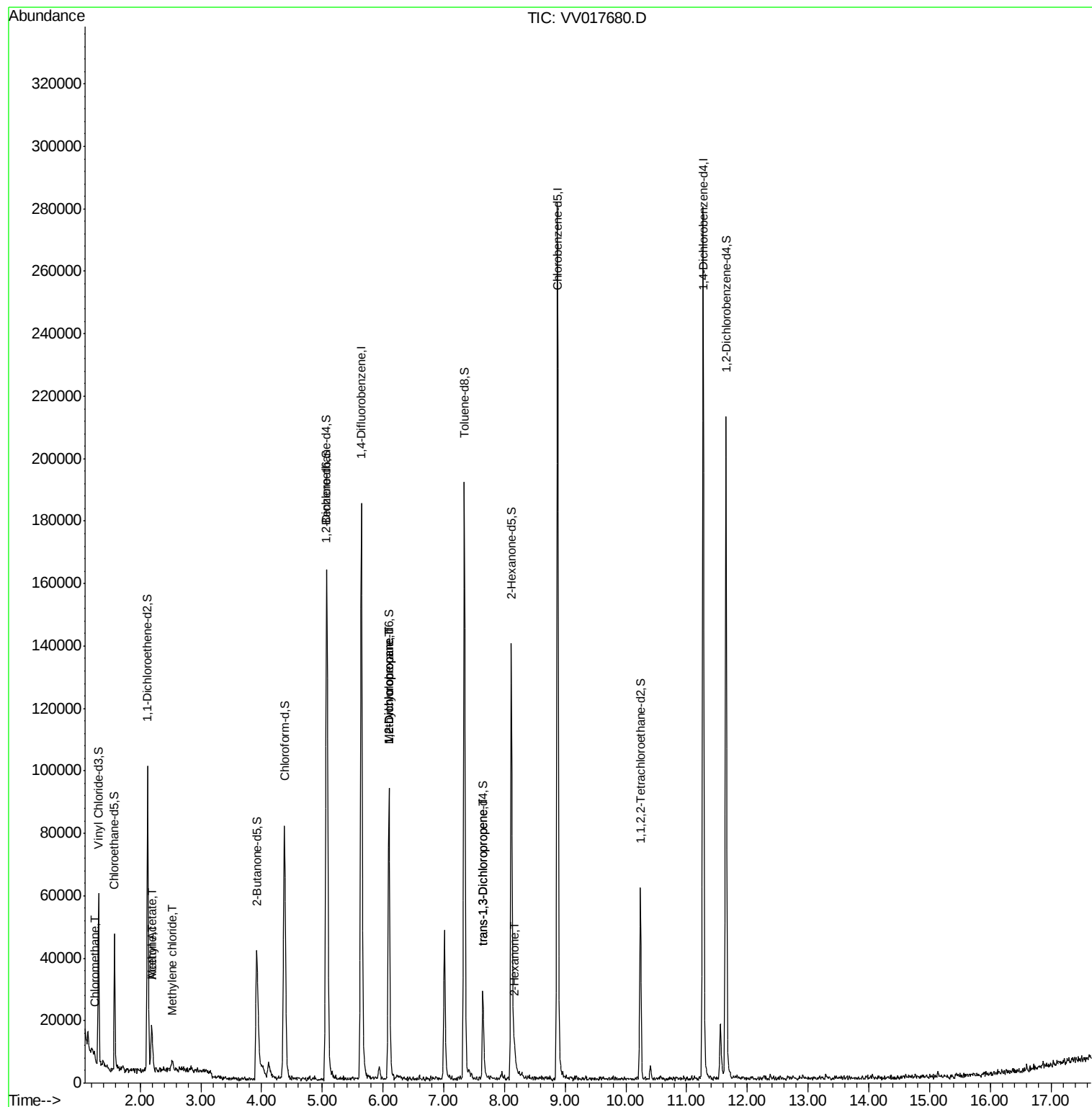
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	1145	0.103	ug/L	93
13) Acetone	2.19	43	18521	13.318	ug/L #	52
15) Methyl Acetate	2.19	43	17994	6.650	ug/L #	42
16) Methylene chloride	2.53	84	1158	0.124	ug/L	82
35) Methylcyclohexane	6.10	83	10525	0.570	ug/L #	20
37) 1,2-Dichloropropane	6.10	63	5584	0.543	ug/L #	84
46) trans-1,3-Dichloropropene	7.64	75	797	0.057	ug/L	92
50) 2-Hexanone	8.17	43	2995	0.751	ug/L #	73

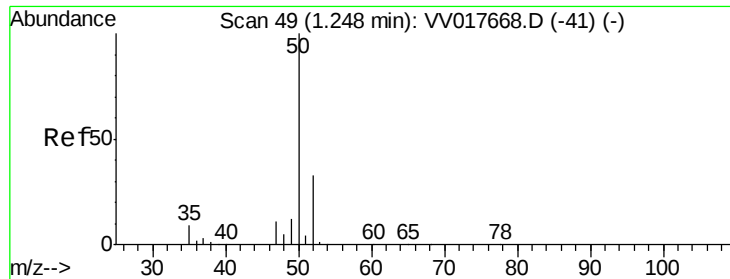
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.103 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV017680.D

Acq: 27 Jul 2020 15:54

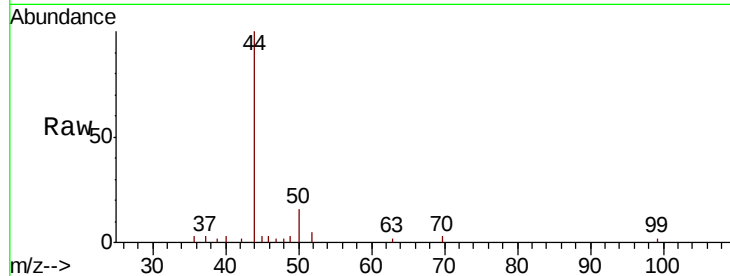
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 1145

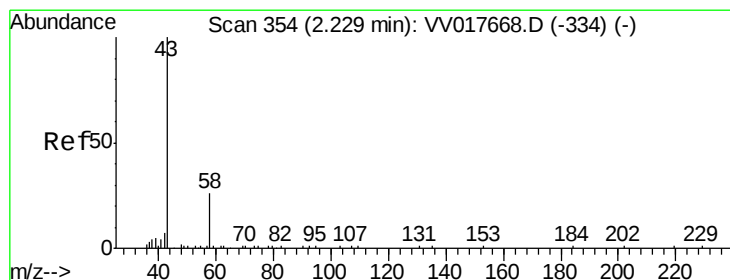
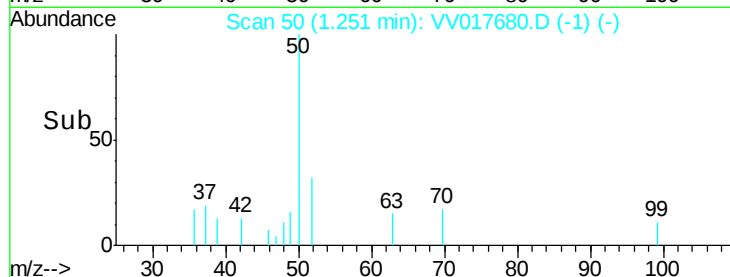
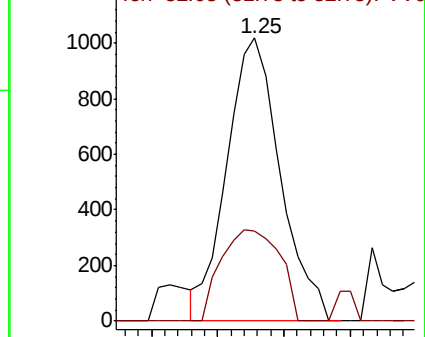
Ion Ratio Lower Upper

50 100

52 31.9 25.1 46.5



Abundance Ion 50.05 (49.75 to 50.75): VV017680.D (-1) (-)



#13

Acetone

Concen: 13.318 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.04 min

Lab File: VV017680.D

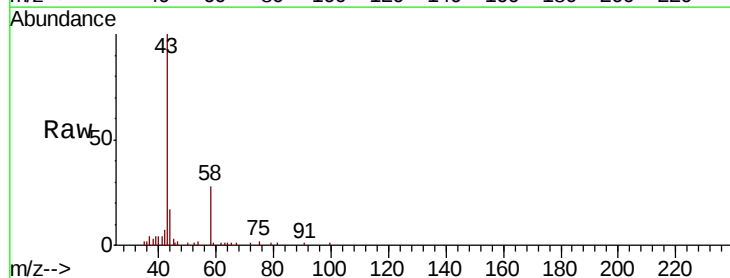
Acq: 27 Jul 2020 15:54

Tgt Ion: 43 Resp: 18521

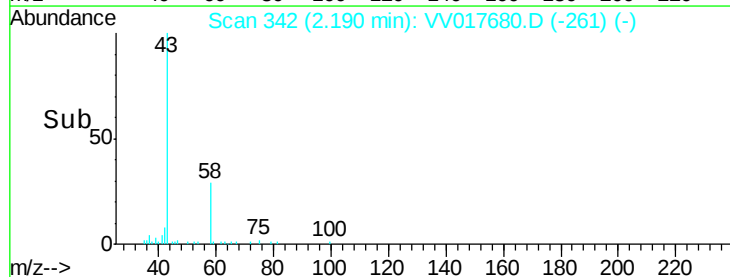
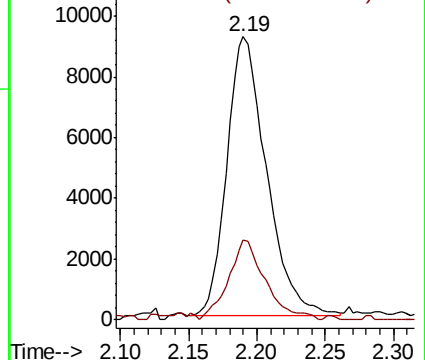
Ion Ratio Lower Upper

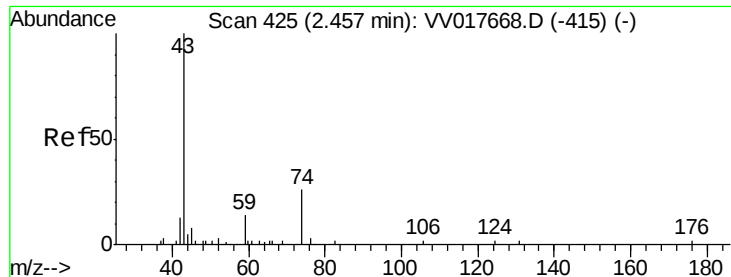
43 100

58 26.9 0.0 18.6#



Abundance Ion 43.05 (42.75 to 43.75): VV017680.D (-261) (-)

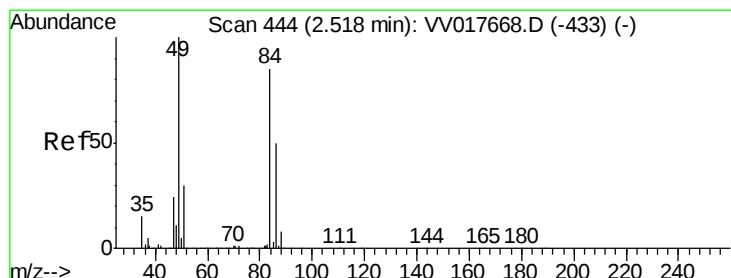
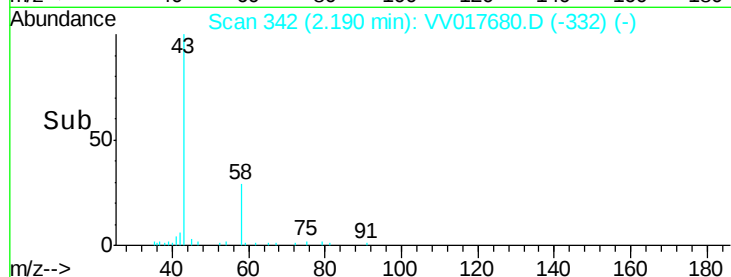
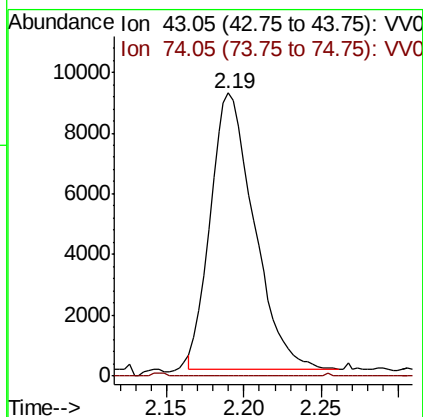
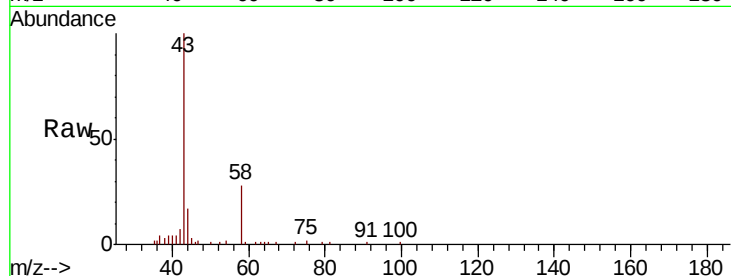




#15
Methyl Acetate
Concen: 6.650 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.27 min
Lab File: VV017680.D
Acq: 27 Jul 2020 15:54

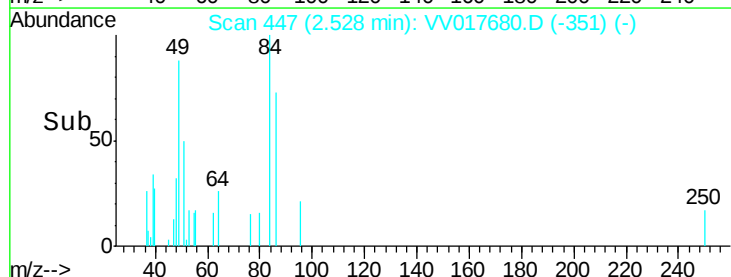
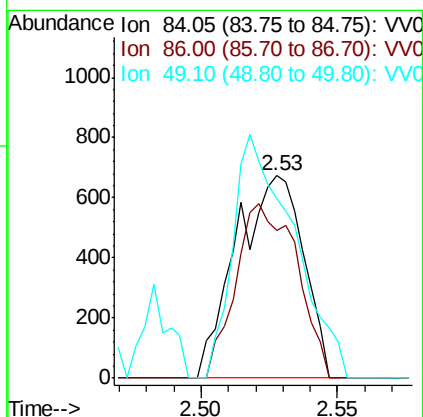
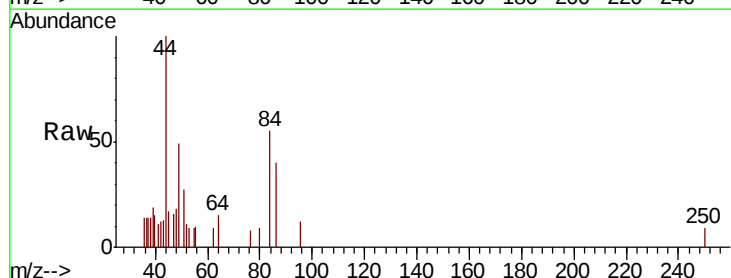
Instrument :
MSVOA_V
ClientSampled :

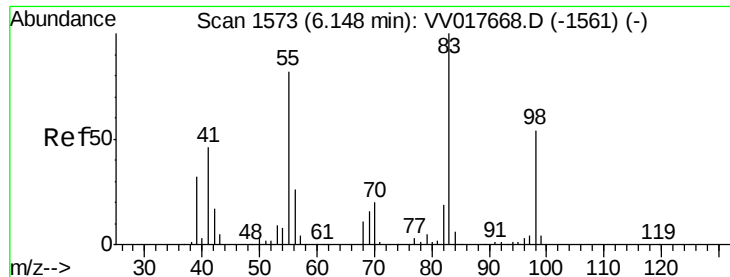
Tot Ion: 43 Resp: 17994
Ion Ratio Lower Upper
43 100
74 0.1 26.6 40.0#



#16
Methylene chloride
Concen: 0.124 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.01 min
Lab File: VV017680.D
Acq: 27 Jul 2020 15:54

Tgt Ion: 84 Resp: 1158
Ion Ratio Lower Upper
84 100
86 73.1 46.5 86.3
49 88.4 79.2 147.2

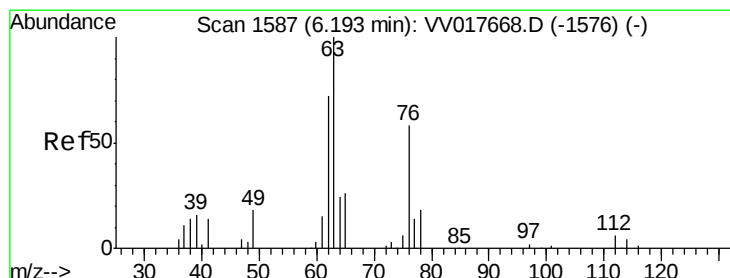
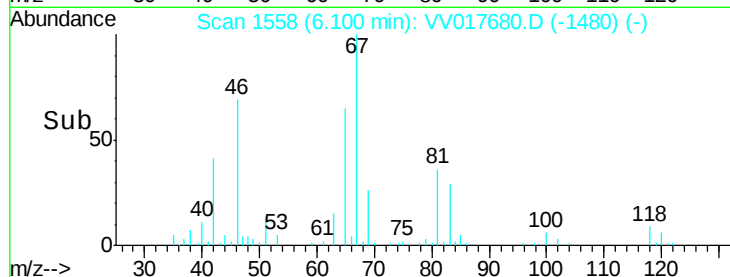
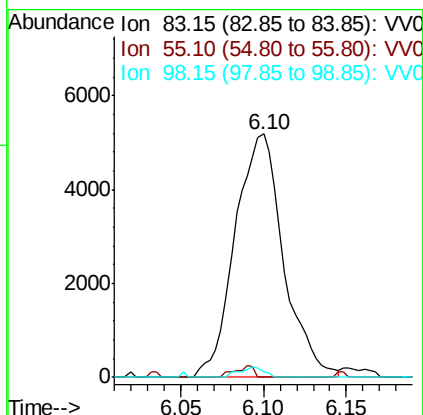
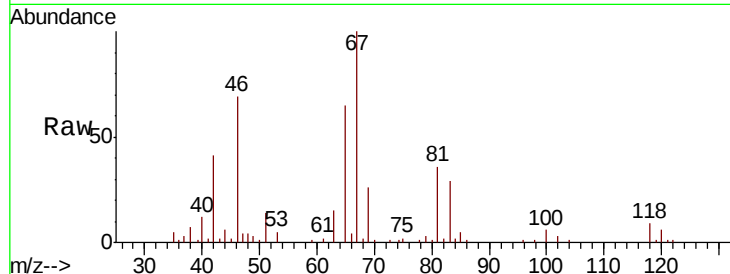




#35
Methvlcvclohexane
Concen: 0.570 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.05 min
Lab File: VV017680.D
Acq: 27 Jul 2020 15:54

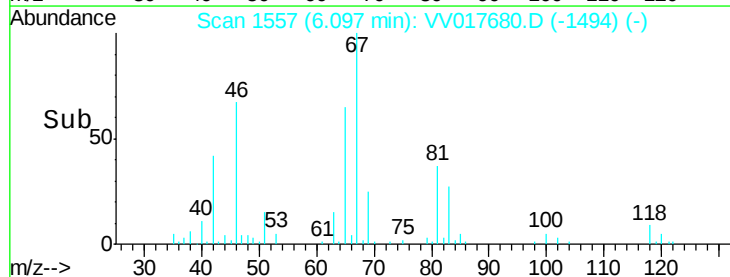
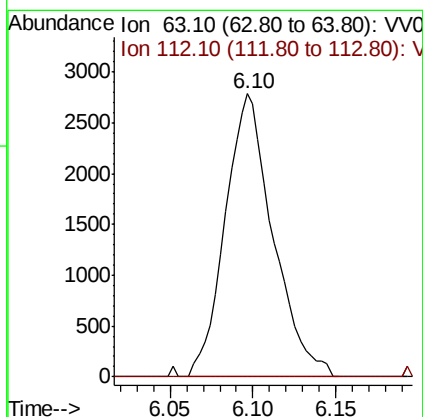
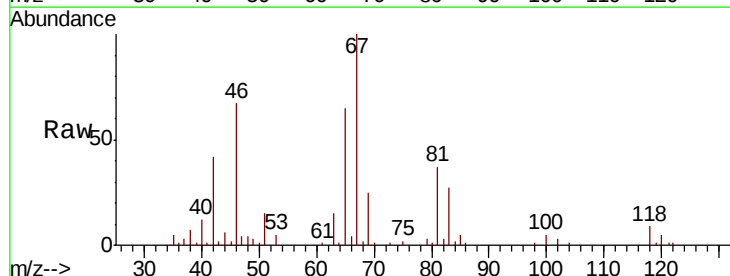
Instrument :
MSVOA_V
ClientSampleId :

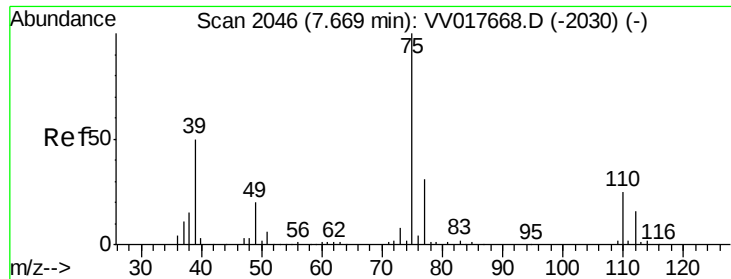
Tot Ion: 83 Resp: 10525
Ion Ratio Lower Upper
83 100
55 1.9 61.8 92.8#
98 2.2 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.543 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017680.D
Acq: 27 Jul 2020 15:54

Tgt Ion: 63 Resp: 5584
Ion Ratio Lower Upper
63 100
112 0.4 4.5 6.7#





#46

trans-1,3-Dichloropropene

Concen: 0.057 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV017680.D

Acq: 27 Jul 2020 15:54

Instrument :

MSVOA_V

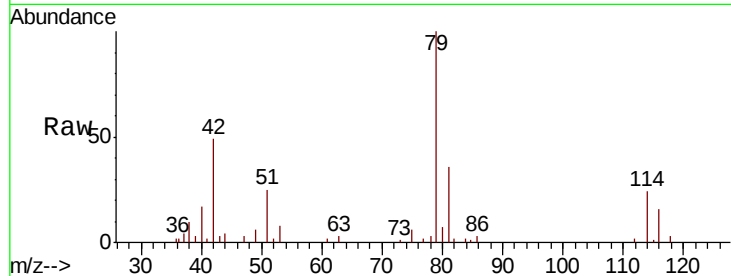
ClientSampleId :

Tot Ion: 75 Resp: 797

Ion Ratio Lower Upper

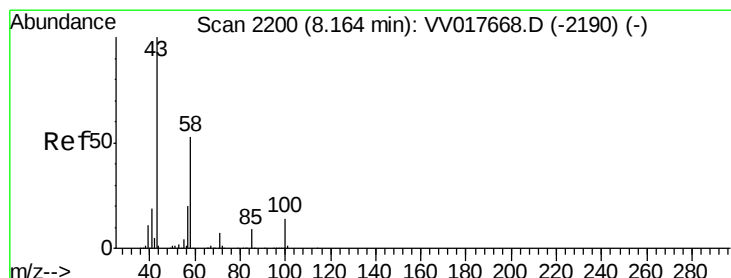
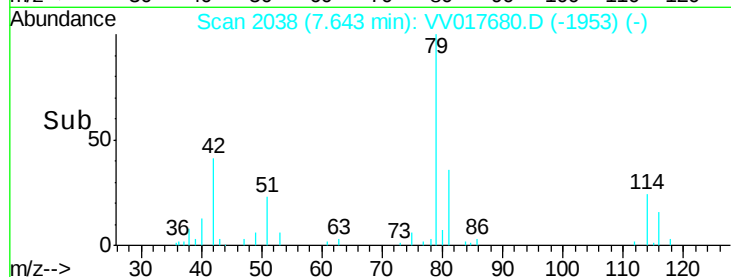
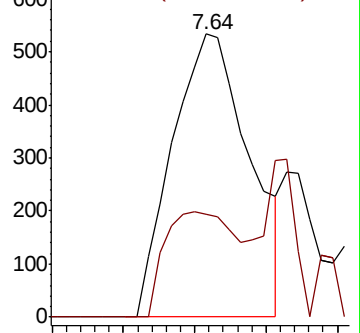
75 100

77 36.4 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#50

2-Hexanone

Concen: 0.751 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV017680.D

Acq: 27 Jul 2020 15:54

Tgt Ion: 43 Resp: 2995

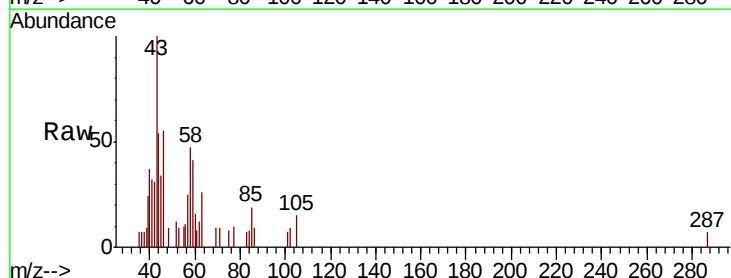
Ion Ratio Lower Upper

43 100

58 30.4 41.6 62.4#

57 30.1 15.4 23.0#

100 5.9 11.2 16.8#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

