

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042320\
 Data File : VV015655.D
 Acq On : 23 Apr 2020 12:16
 Operator : SY/MD
 Sample : L2388-15
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 24 03:30:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 24 03:28:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	127764	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	122209	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	58407	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	31531	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.57	69	30710	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.12	63	50874	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	3.95	46	107309	50.05	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.10%
24) Chloroform-d	4.37	84	71971	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.06	65	45052	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.07	84	143737	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.09	67	46556	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.34	98	130231	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.64	79	15610	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.11	63	82674	47.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.08%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32657	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	50763	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

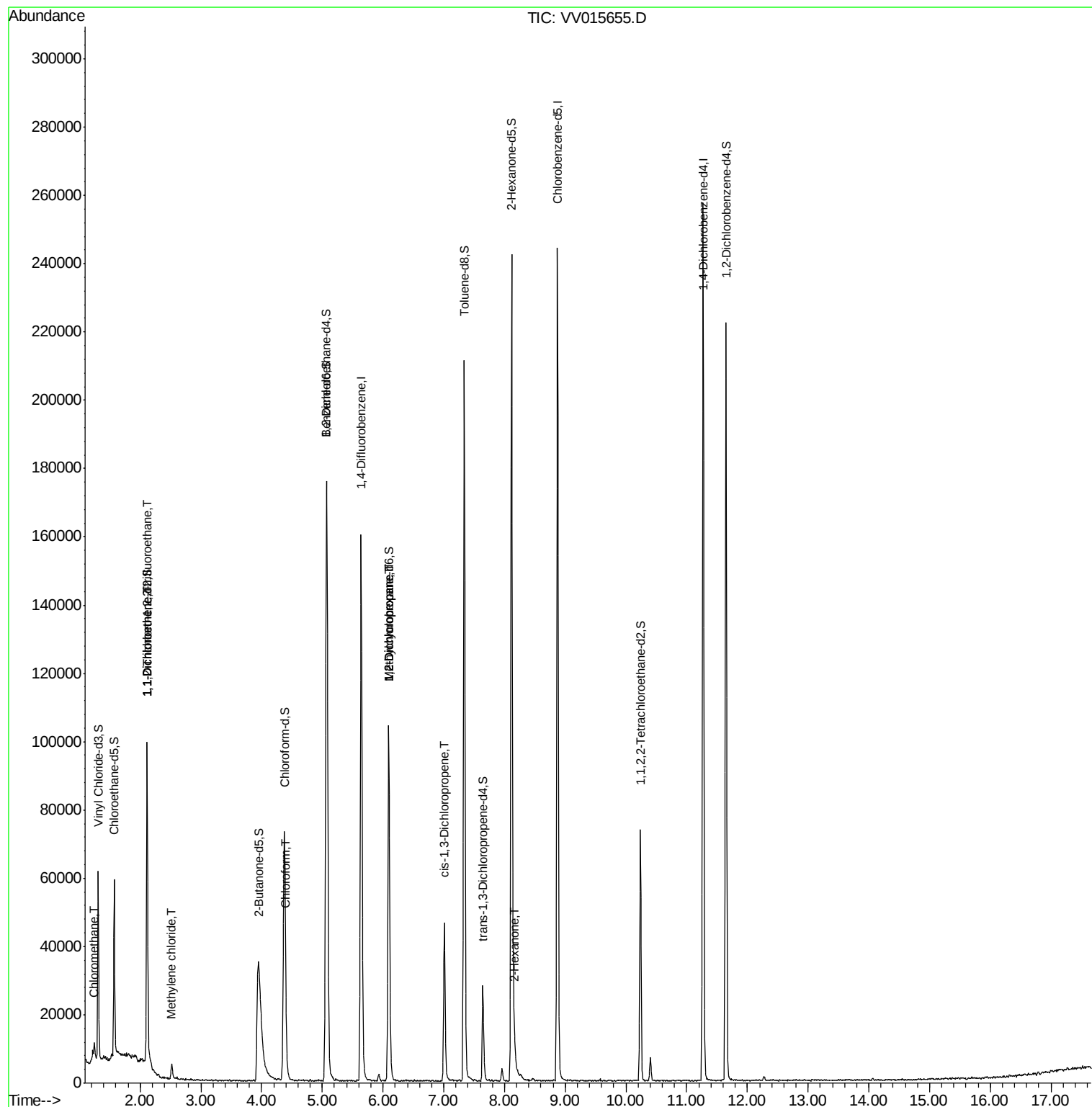
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.24	50	2523	0.266	ug/L	91
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	569	0.071	ug/L #	22
12) 1,1-Dichloroethene	2.12	96	532	0.072	ug/L #	1
16) Methylene chloride	2.52	84	1521	0.166	ug/L	97
25) Chloroform	4.41	83	4591	0.265	ug/L	98
35) Methylcyclohexane	6.09	83	11217	0.758	ug/L #	16
37) 1,2-Dichloropropane	6.09	63	5961	0.672	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1328	0.107	ug/L #	67
48) 2-Hexanone	8.17	43	3351	0.816	ug/L #	87

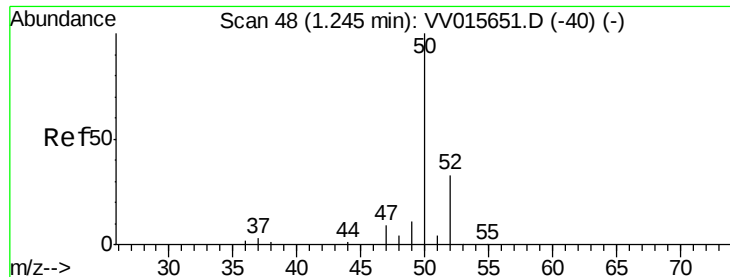
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV042320\
Data File : VV015655.D
Acq On : 23 Apr 2020 12:16
Operator : SY/MD
Sample : L2388-15
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Apr 24 03:30:41 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 24 03:28:15 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.266 ug/L

RT: 1.24 min Scan# 48

Delta R.T. 0.00 min

Lab File: VV015655.D

Acq: 23 Apr 2020 12:16

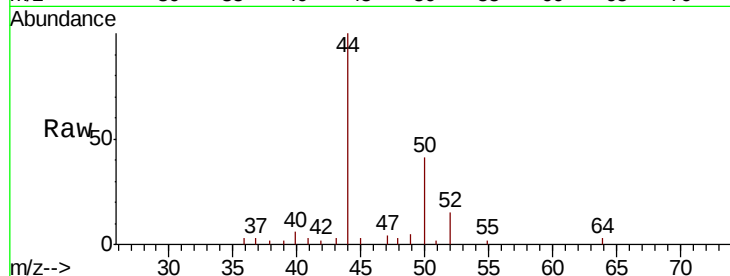
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 50 Resp: 2523

Ion Ratio Lower Upper

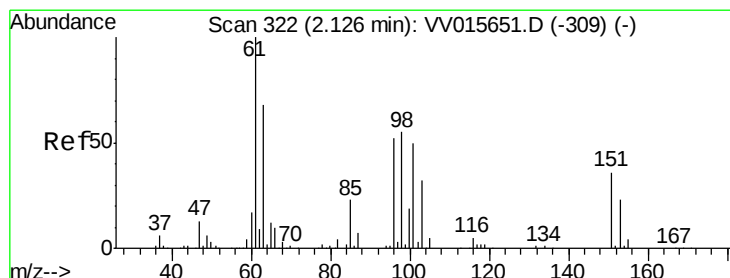
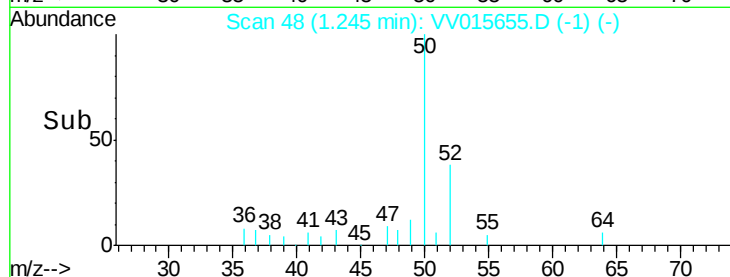
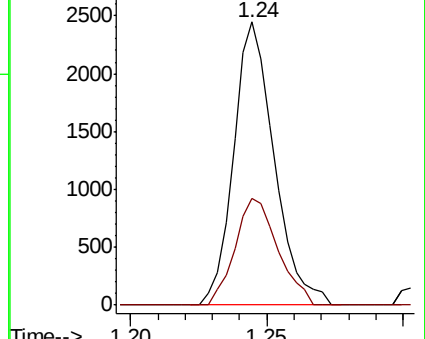
50 100

52 37.7 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VV015655.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VV015655.D (-1) (-)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.071 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015655.D

Acq: 23 Apr 2020 12:16

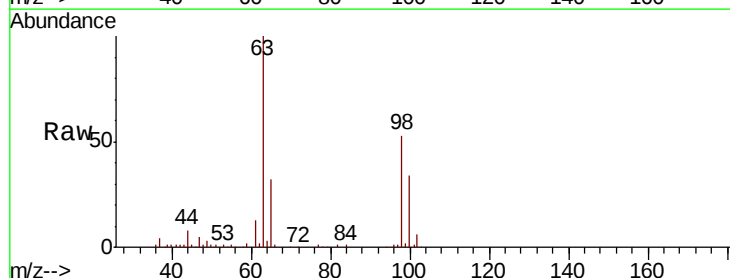
Tgt Ion:101 Resp: 569

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

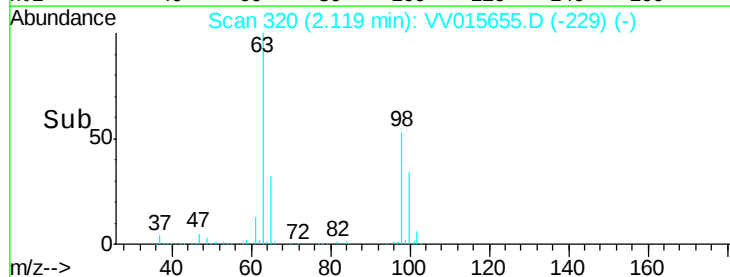
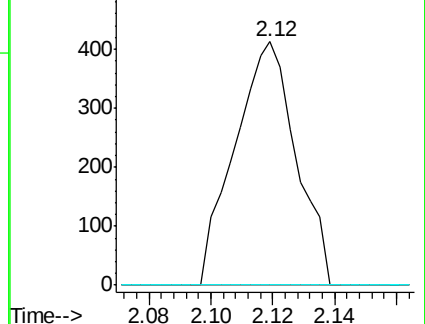
151 0.0 55.2 82.8#

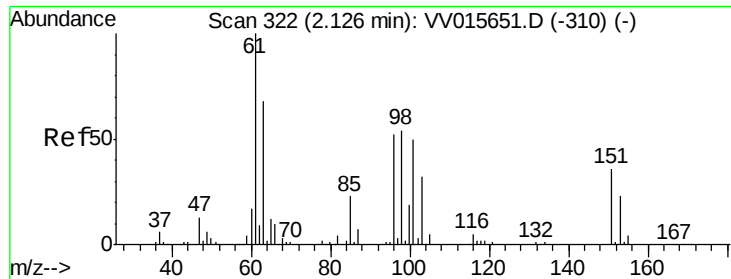


Abundance Ion 101.00 (100.70 to 101.70): VV015655.D (-229) (-)

Ion 85.00 (84.70 to 85.70): VV015655.D (-229) (-)

Ion 151.00 (150.70 to 151.70): VV015655.D (-229) (-)





#12

1,1-Dichloroethene

Concen: 0.072 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV015655.D

Acq: 23 Apr 2020 12:16

Instrument :
MSVOA_V
ClientSampled :

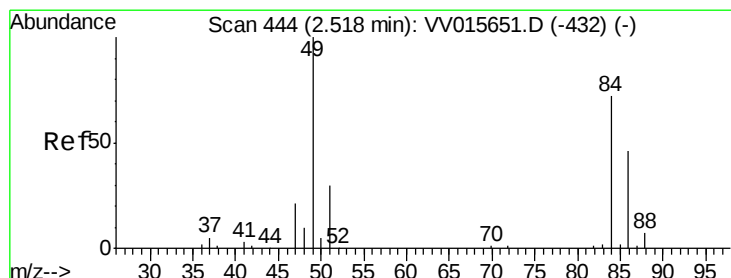
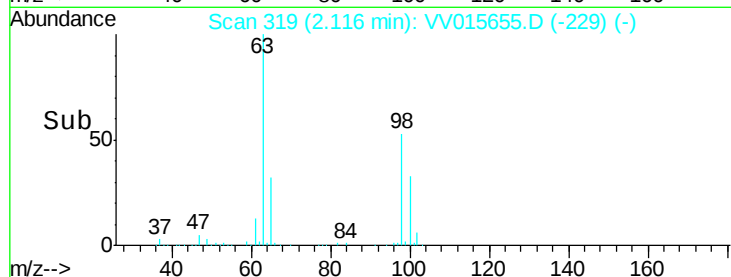
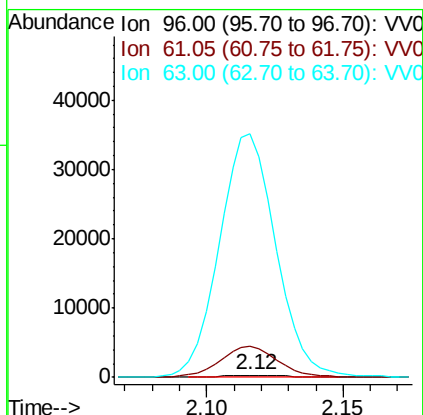
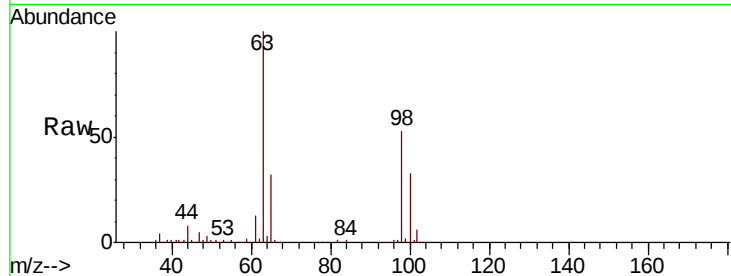
Tot Ion: 96 Resp: 532

Ion Ratio Lower Upper

96 100

61 1360.0 130.1 241.7#

63 10813.5 91.4 169.8#



#16

Methylene chloride

Concen: 0.166 ug/L

RT: 2.52 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV015655.D

Acq: 23 Apr 2020 12:16

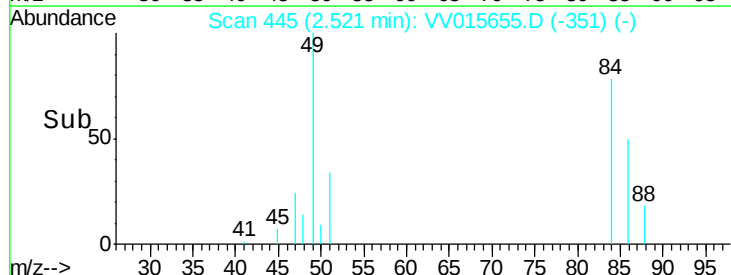
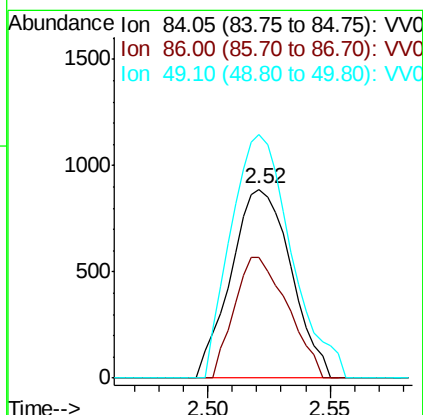
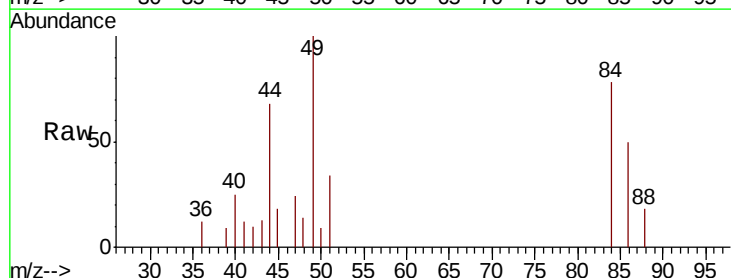
Tgt Ion: 84 Resp: 1521

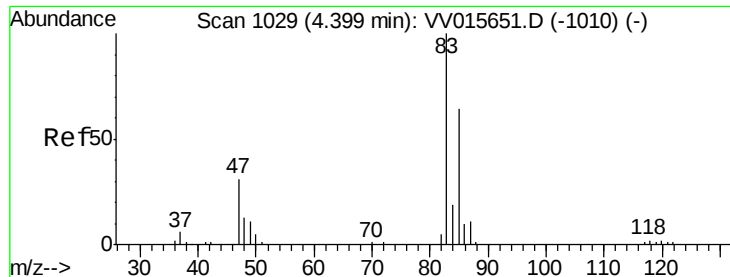
Ion Ratio Lower Upper

84 100

86 64.2 45.1 83.7

49 128.9 94.4 175.4

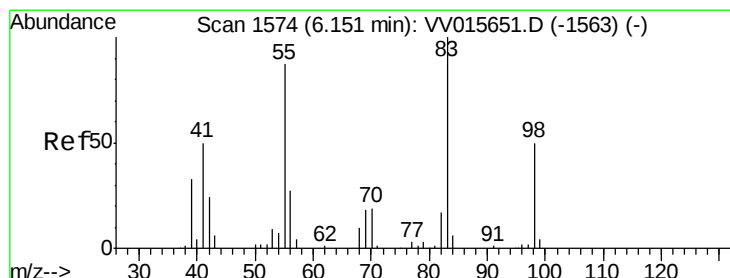
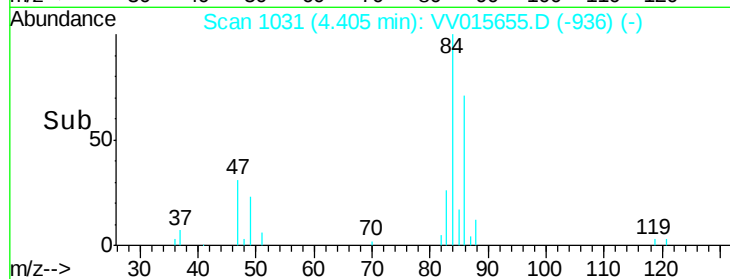
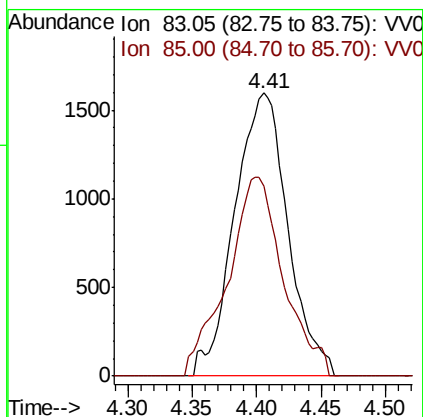
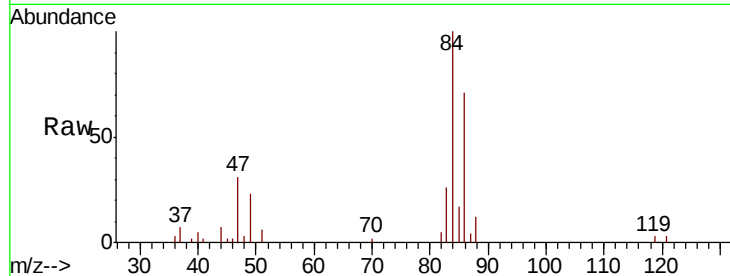




#25
Chloroform
Concen: 0.265 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015655.D
Acq: 23 Apr 2020 12:16

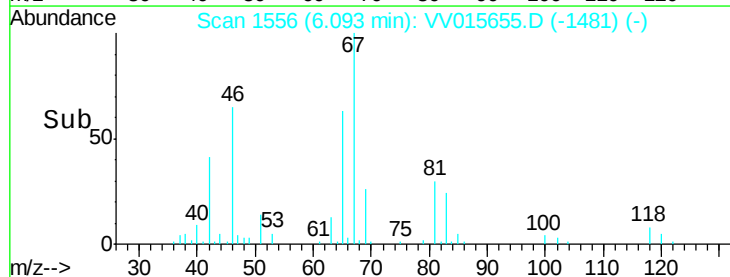
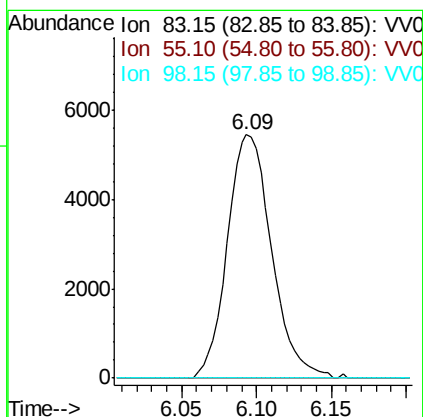
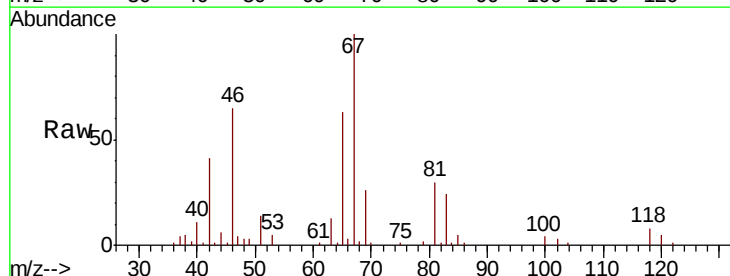
Instrument :
MSVOA_V
ClientSampleId :

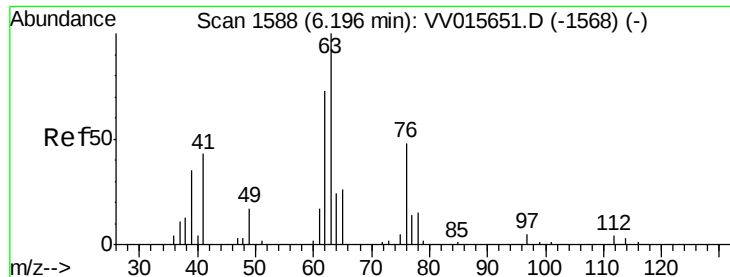
Tot Ion: 83 Resp: 4591
Ion Ratio Lower Upper
83 100
85 67.2 46.1 85.5



#35
Methylcyclohexane
Concen: 0.758 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015655.D
Acq: 23 Apr 2020 12:16

Tgt Ion: 83 Resp: 11217
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 0.9 39.5 59.3#

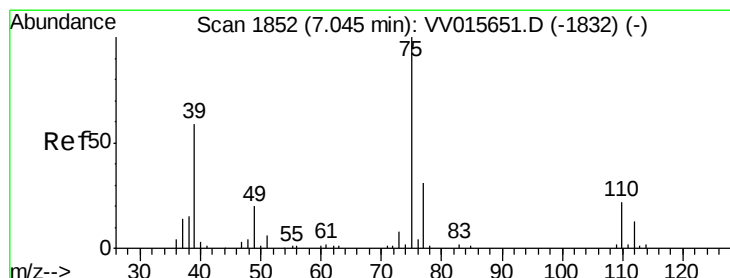
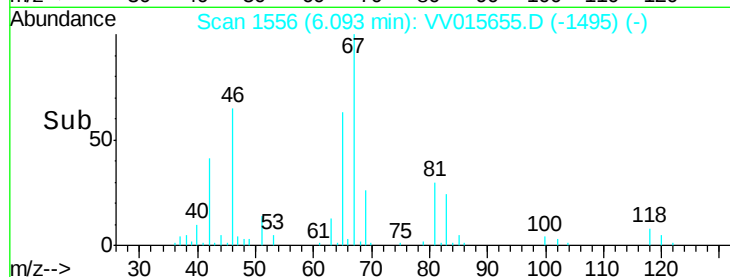
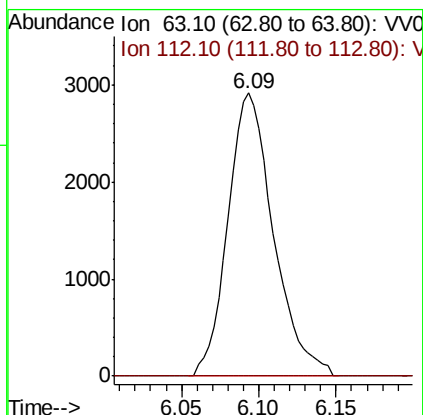
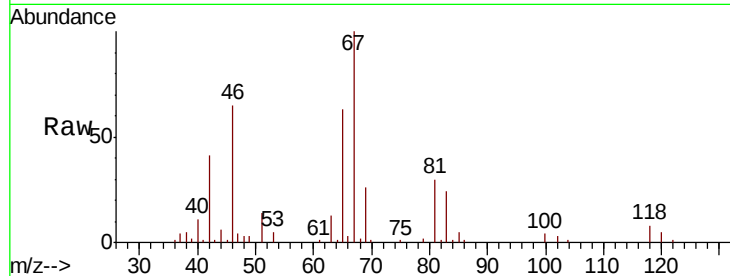




#37
 1,2-Dichloropropane
 Concen: 0.672 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV015655.D
 Acq: 23 Apr 2020 12:16

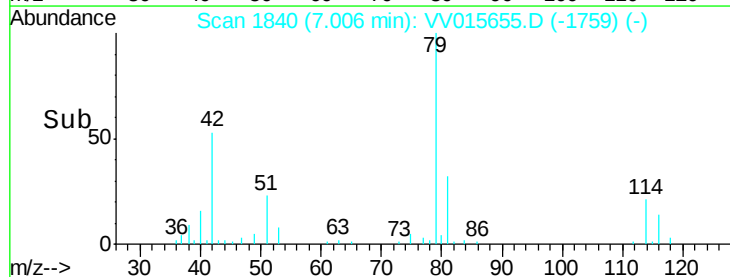
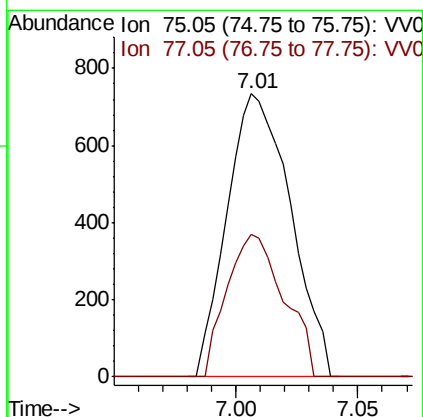
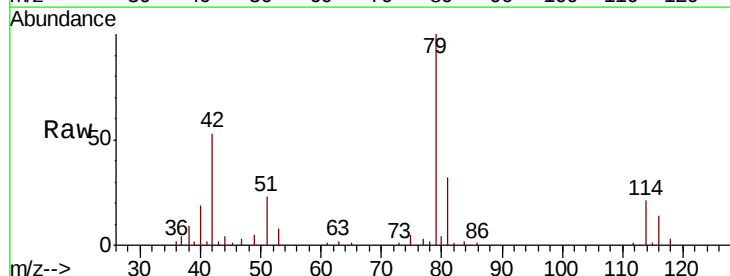
Instrument :
 MSVOA_V
 ClientSampleId :

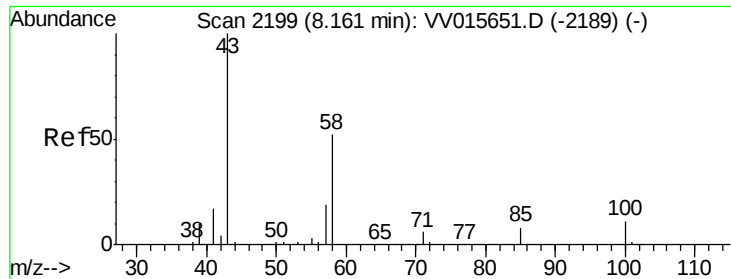
Tot Ion: 63 Resp: 5961
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.107 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV015655.D
 Acq: 23 Apr 2020 12:16

Tgt Ion: 75 Resp: 1328
 Ion Ratio Lower Upper
 75 100
 77 50.5 22.3 41.5#





#48

2-Hexanone

Concen: 0.816 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV015655.D

Acq: 23 Apr 2020 12:16

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	43	Resp:	3351
Ion	Ratio	Lower	Upper
43	100		
58	39.5	41.1	61.7#
57	16.4	15.0	22.4
100	7.9	9.0	13.4#

