

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042220\
 Data File : VV015624.D
 Acq On : 22 Apr 2020 16:28
 Operator : SY/MD
 Sample : VV0422WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 03:08:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 23 03:05:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	134256	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	125175	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	63351	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	34435	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.57	69	31974	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.12	63	53249	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	3.95	46	114315	50.74	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.48%
24) Chloroform-d	4.38	84	77734	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.06	65	46516	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.07	84	152366	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.09	67	49263	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.34	98	141134	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	7.64	79	16930	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.11	63	87270	48.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.96%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	33912	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	53635	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

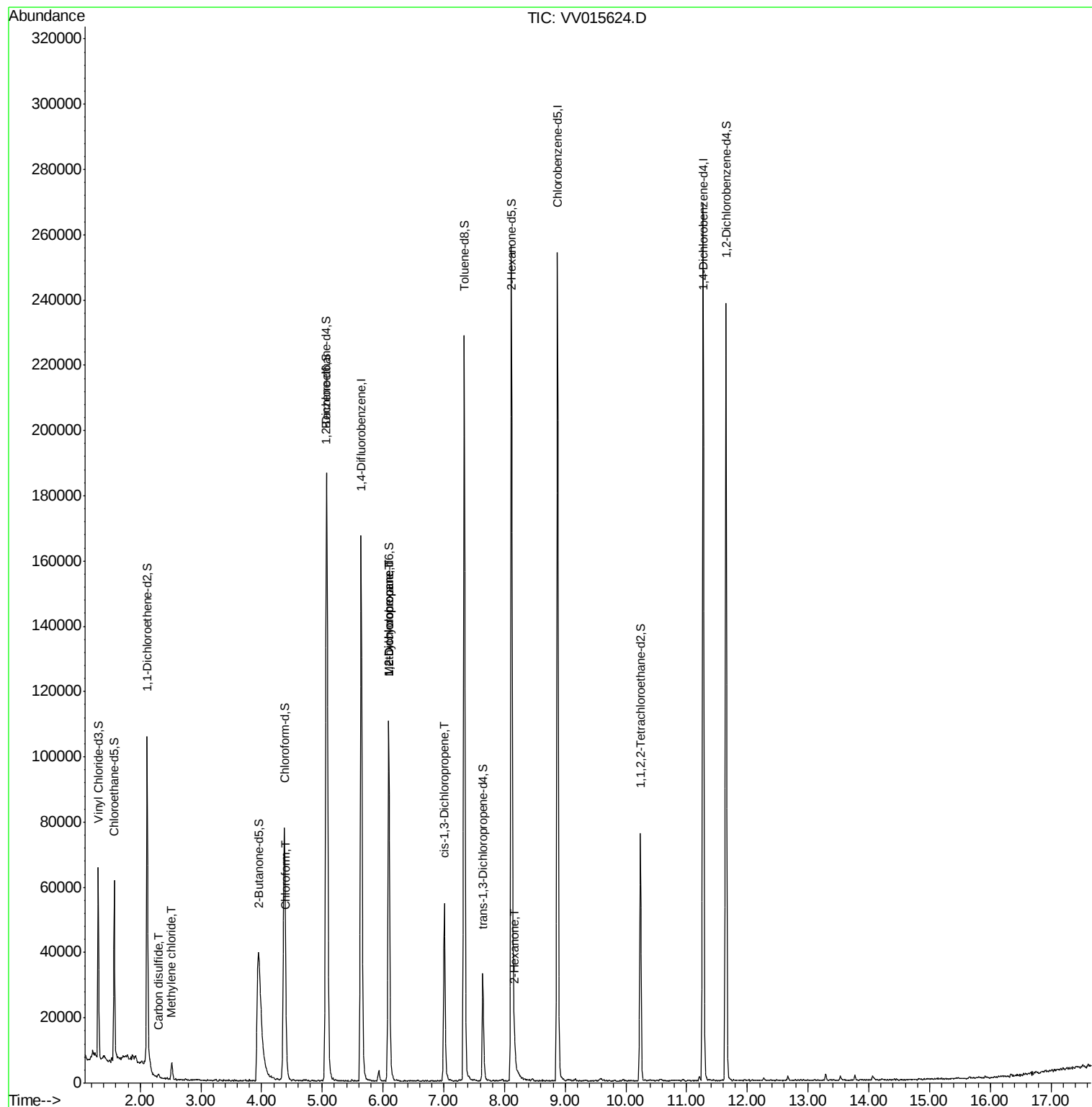
					Ovalue
14) Carbon disulfide	2.31	76	1021	0.046 ug/L #	77
16) Methylene chloride	2.52	84	2089	0.217 ug/L	97
25) Chloroform	4.41	83	3429	0.188 ug/L	89
35) Methylcyclohexane	6.09	83	12212	0.806 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	6063	0.667 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1473	0.116 ug/L #	60
48) 2-Hexanone	8.17	43	3588	0.853 ug/L #	86

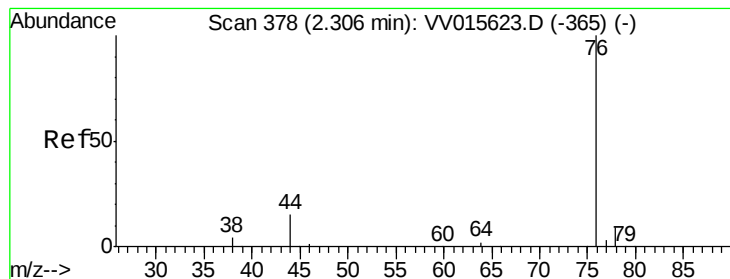
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 23 03:05:46 2020
Response via : Initial Calibration





#14

Carbon disulfide

Concen: 0.046 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VV015624.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_V

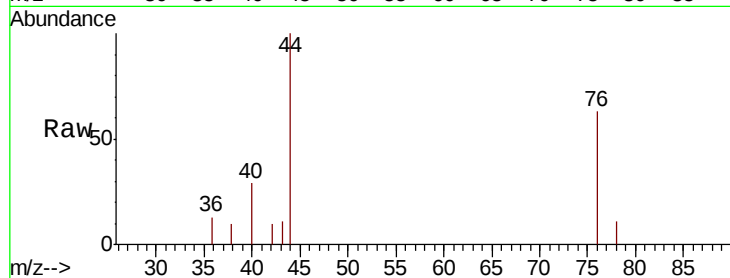
ClientSampled :

Tot Ion: 76 Resp: 1021

Ion Ratio Lower Upper

76 100

78 17.6 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

2.31

800

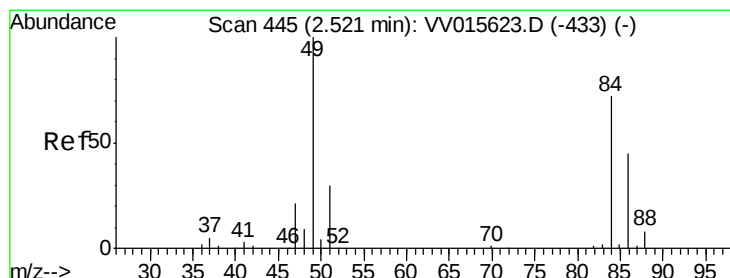
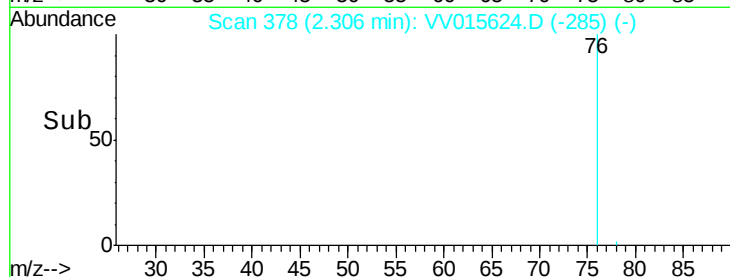
600

400

200

0

Time-->



#16

Methylene chloride

Concen: 0.217 ug/L

RT: 2.52 min Scan# 444

Delta R.T. -0.00 min

Lab File: VV015624.D

Acq: 22 Apr 2020 16:28

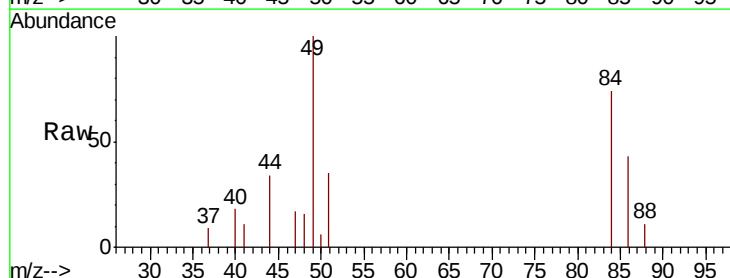
Tgt Ion: 84 Resp: 2089

Ion Ratio Lower Upper

84 100

86 58.4 45.1 83.7

49 135.0 94.4 175.4



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

2000

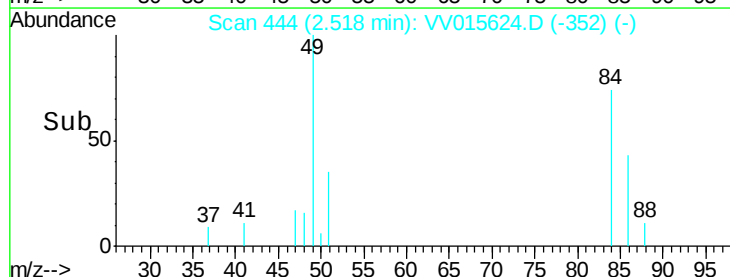
1500

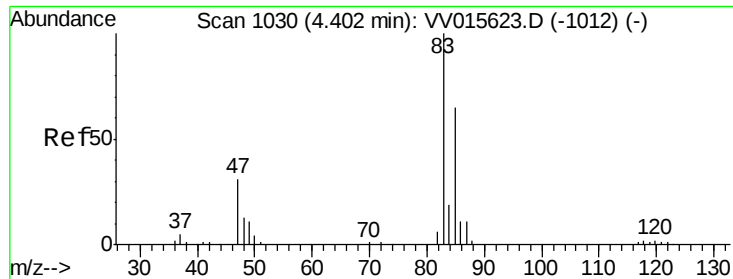
1000

500

0

Time-->

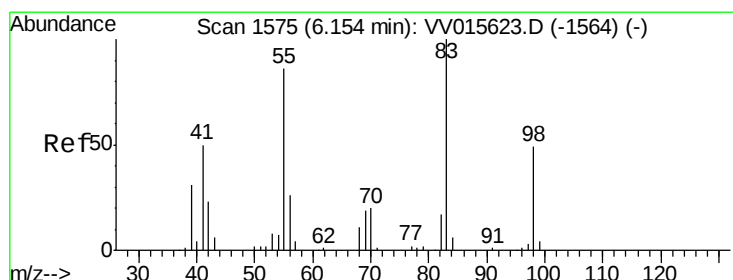
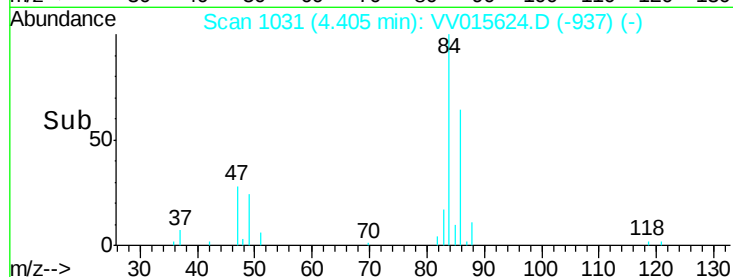
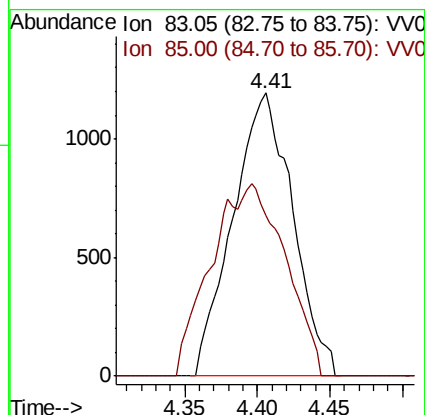
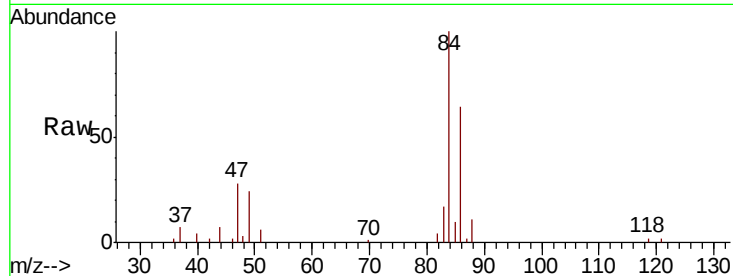




#25
Chloroform
Concen: 0.188 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015624.D
Acq: 22 Apr 2020 16:28

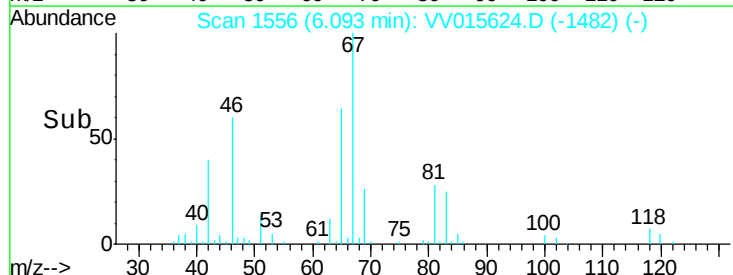
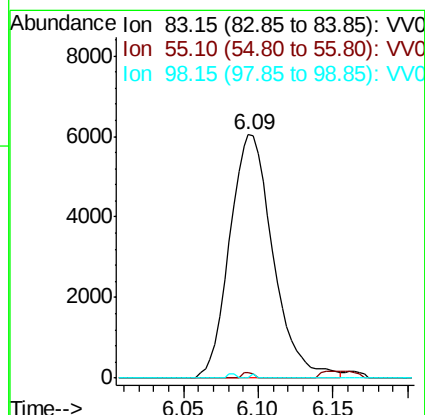
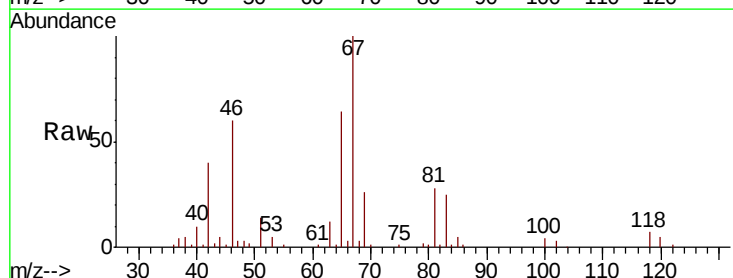
Instrument :
MSVOA_V
ClientSampled :

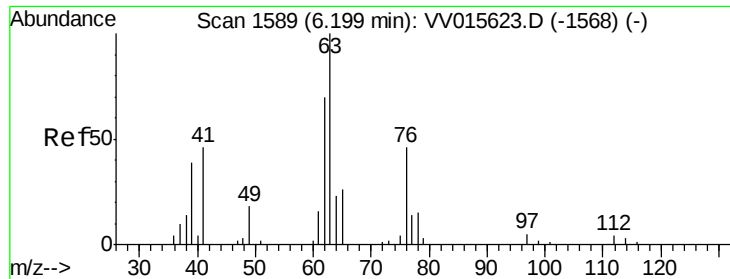
Tot Ion: 83 Resp: 3429
Ion Ratio Lower Upper
83 100
85 56.7 46.1 85.5



#35
Methylcyclohexane
Concen: 0.806 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015624.D
Acq: 22 Apr 2020 16:28

Tgt Ion: 83 Resp: 12212
Ion Ratio Lower Upper
83 100
55 0.6 66.6 99.8#
98 0.2 39.5 59.3#

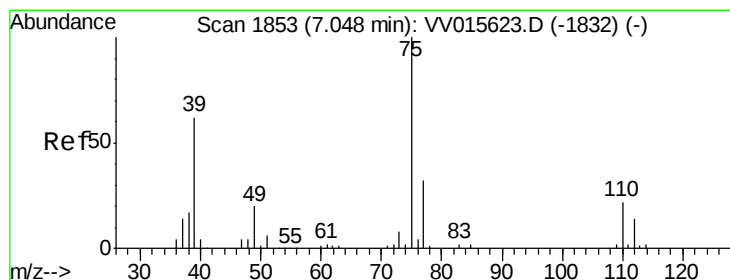
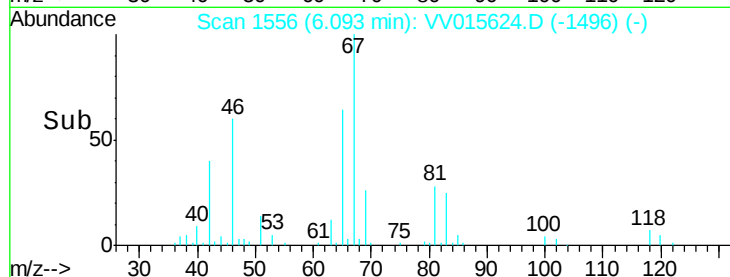
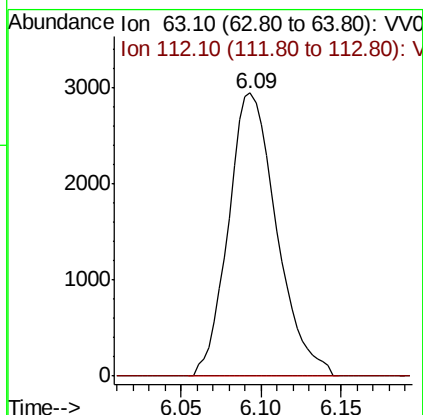
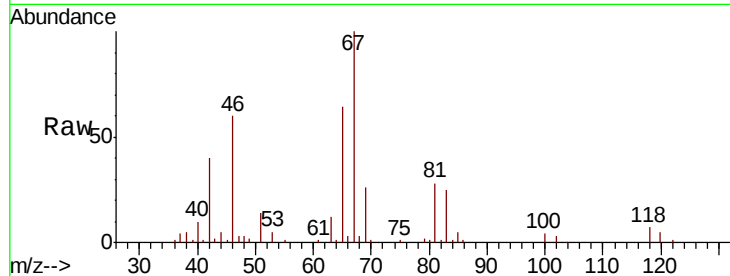




#37
 1,2-Dichloropropane
 Concen: 0.667 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.11 min
 Lab File: VV015624.D
 Acq: 22 Apr 2020 16:28

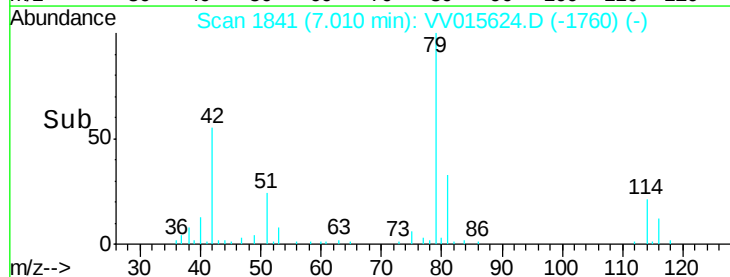
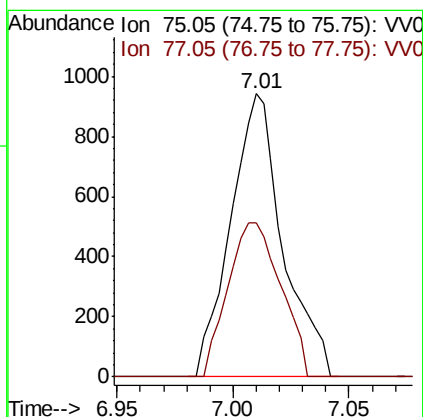
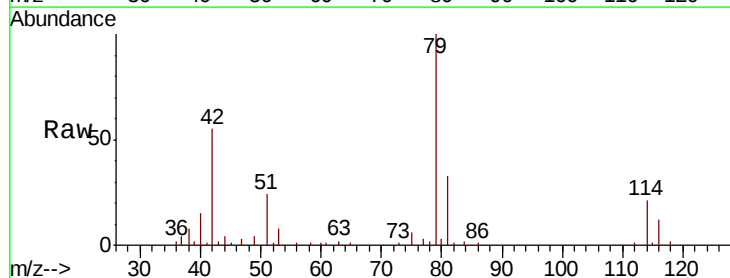
Instrument :
 MSVOA_V
 ClientSampleId :

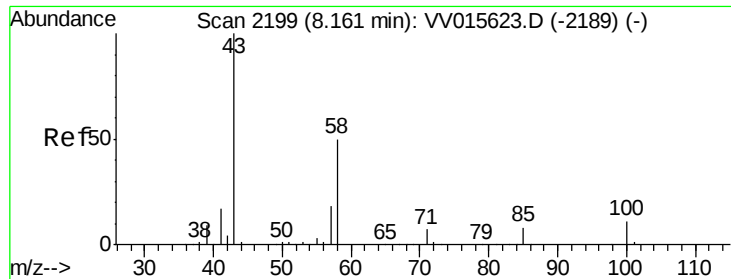
Tot Ion: 63 Resp: 6063
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.116 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015624.D
 Acq: 22 Apr 2020 16:28

Tgt Ion: 75 Resp: 1473
 Ion Ratio Lower Upper
 75 100
 77 54.4 22.3 41.5#

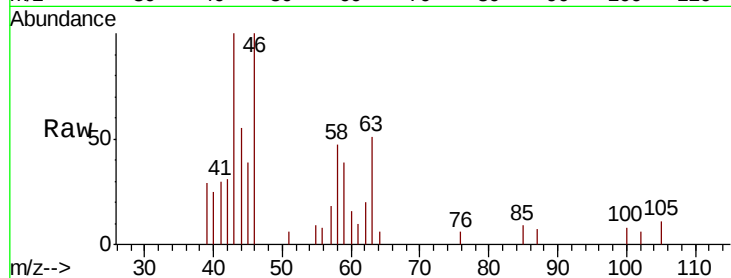




#48
 2-Hexanone
 Concen: 0.853 ug/L
 RT: 8.17 min Scan# 2202
 Delta R.T. 0.01 min
 Lab File: VV015624.D
 Acq: 22 Apr 2020 16:28

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	43	Resp:	3588
Ion	Ratio	Lower	Upper
43	100		
58	40.5	41.1	61.7#
57	22.1	15.0	22.4
100	5.3	9.0	13.4#



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

