

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV043020\
 Data File : VV015843.D
 Acq On : 30 Apr 2020 18:56
 Operator : SY/MD
 Sample : L2431-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 01 01:48:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 01 01:42:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	119947	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	121621	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	55492	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34581	5.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.40%
7) Chloroethane-d5	1.58	69	31397	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.12	63	51568	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	3.94	46	94997	47.20	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.40%
24) Chloroform-d	4.38	84	69942	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.06	65	40979	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.08	84	136900	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.10	67	42559	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.34	98	120024	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.65	79	14221	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.12	63	63050	36.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.10%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	28321	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	43462	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

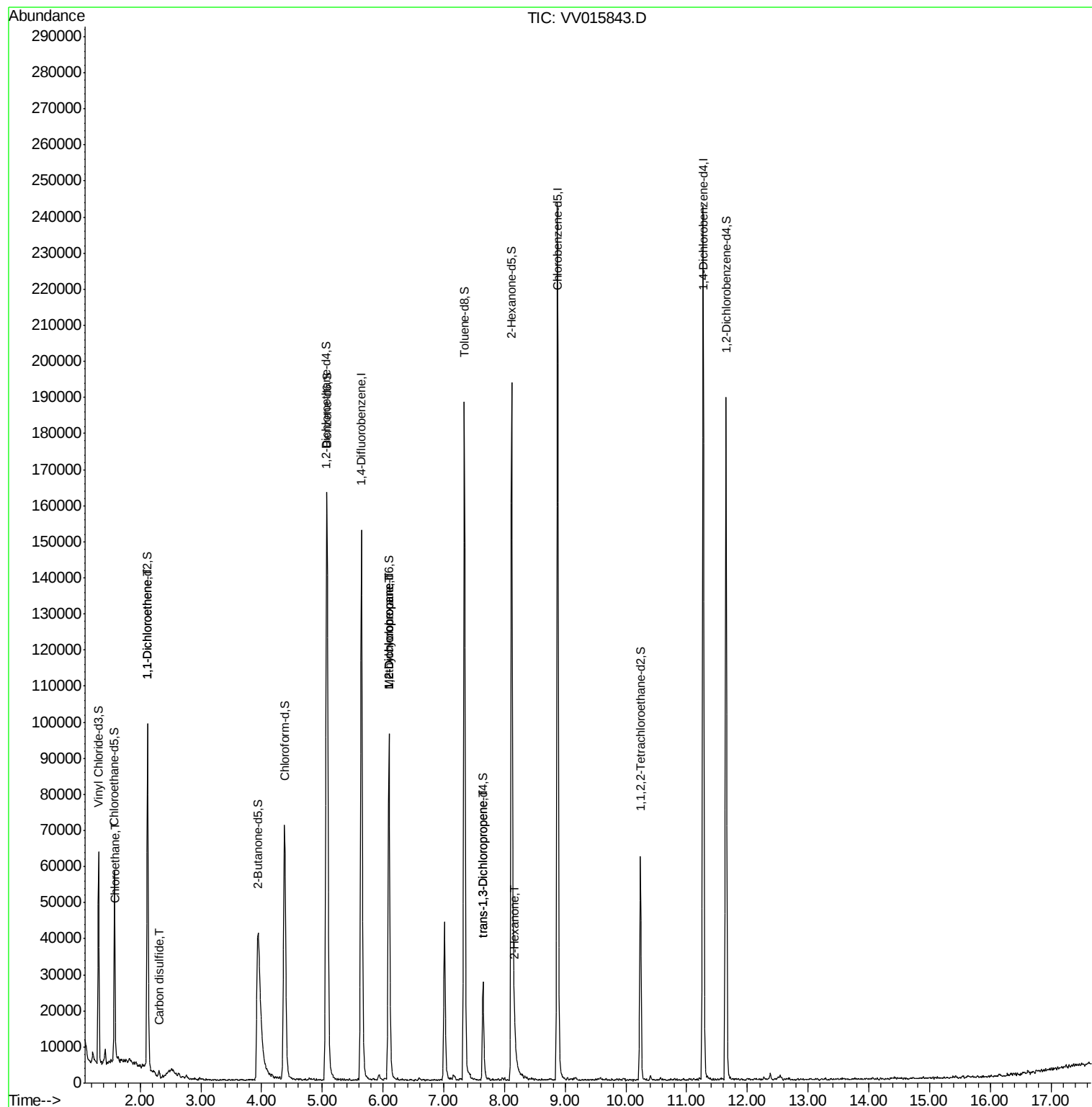
					Ovalue
8) Chloroethane	1.60	64	807	0.129 ug/L #	61
12) 1,1-Dichloroethene	2.13	96	564	0.081 ug/L #	1
14) Carbon disulfide	2.31	76	1942	0.098 ug/L #	92
35) Methylcyclohexane	6.09	83	10982	0.746 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	5454	0.617 ug/L #	86
44) trans-1,3-Dichloropropene	7.64	75	707	0.068 ug/L	95
48) 2-Hexanone	8.17	43	5900	1.443 ug/L #	80

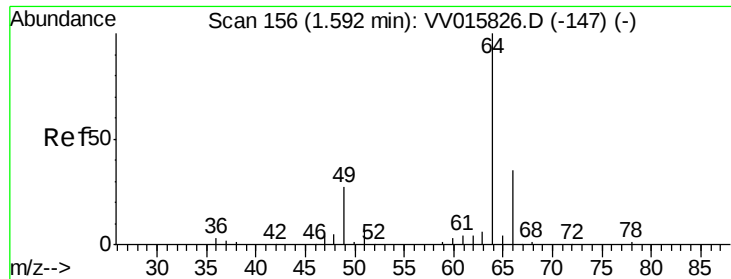
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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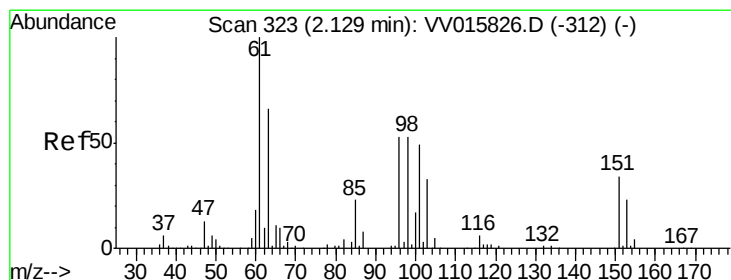
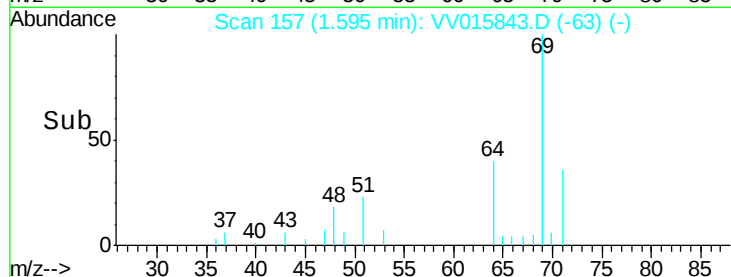
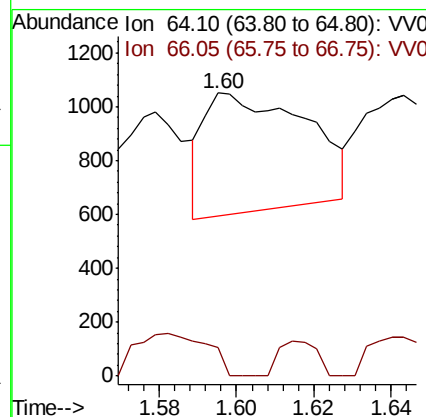
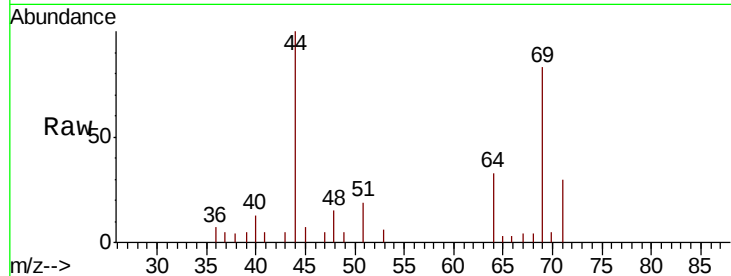




#8
 Chloroethane
 Concen: 0.129 ug/L
 RT: 1.60 min Scan# 157
 Delta R.T. 0.00 min
 Lab File: VV015843.D
 Acq: 30 Apr 2020 18:56

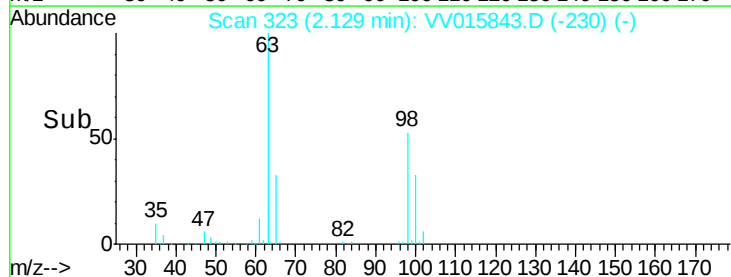
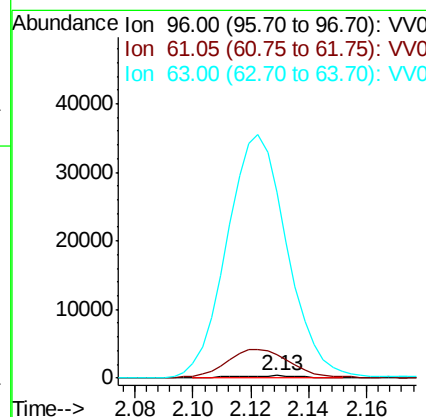
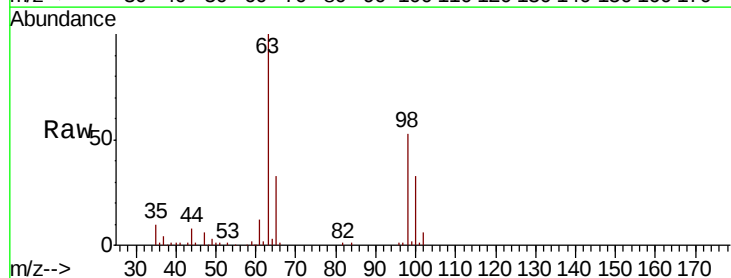
Instrument :
 MSVOA_V
 ClientSampleId :

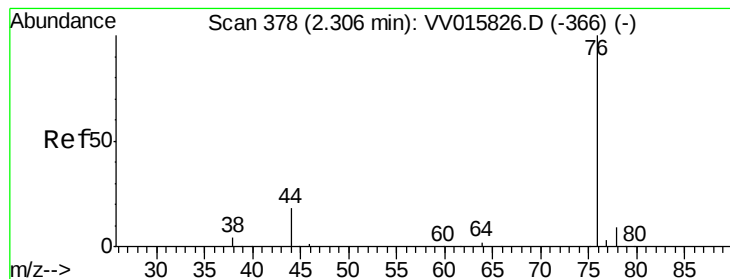
Tot Ion: 64 Resp: 807
 Ion Ratio Lower Upper
 64 100
 66 10.2 22.3 41.5#



#12
 1,1-Dichloroethene
 Concen: 0.081 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.00 min
 Lab File: VV015843.D
 Acq: 30 Apr 2020 18:56

Tgt Ion: 96 Resp: 564
 Ion Ratio Lower Upper
 96 100
 61 961.6 130.1 241.7#
 63 7782.2 91.4 169.8#





#14

Carbon disulfide

Concen: 0.098 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.01 min

Lab File: VV015843.D

Acq: 30 Apr 2020 18:56

Instrument :

MSVOA_V

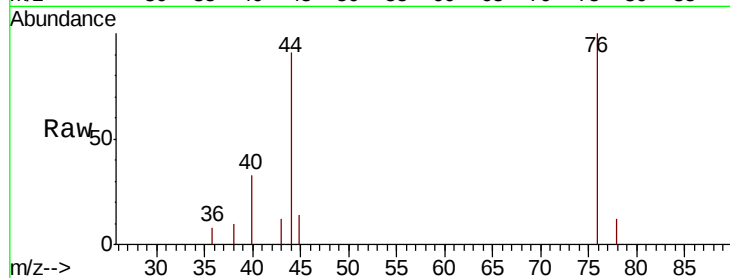
ClientSampled :

Tot Ion: 76 Resp: 1942

Ion Ratio Lower Upper

76 100

78 12.1 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

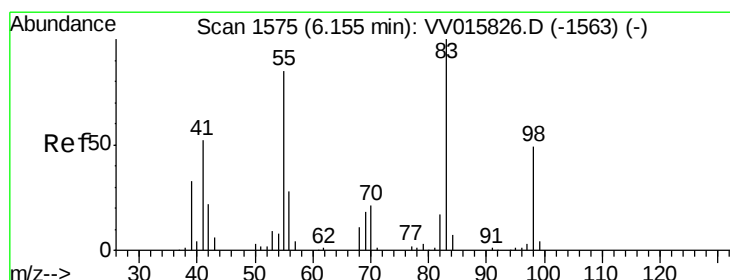
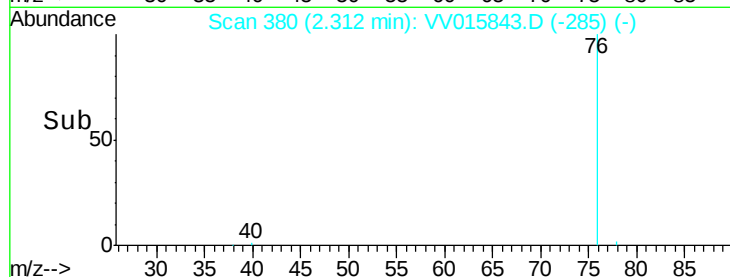
1500

1000

500

0

Time--> 2.25 2.30 2.35



#35

Methylcyclohexane

Concen: 0.746 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV015843.D

Acq: 30 Apr 2020 18:56

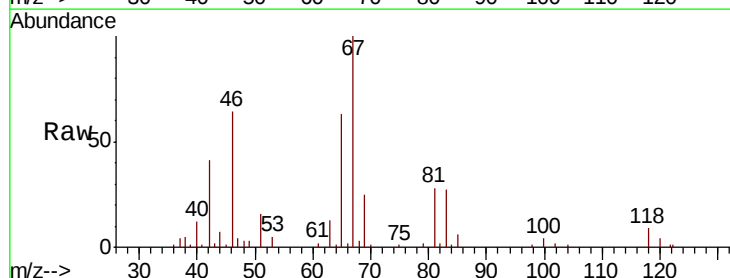
Tgt Ion: 83 Resp: 10982

Ion Ratio Lower Upper

83 100

55 0.2 66.6 99.8#

98 3.0 39.5 59.3#



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

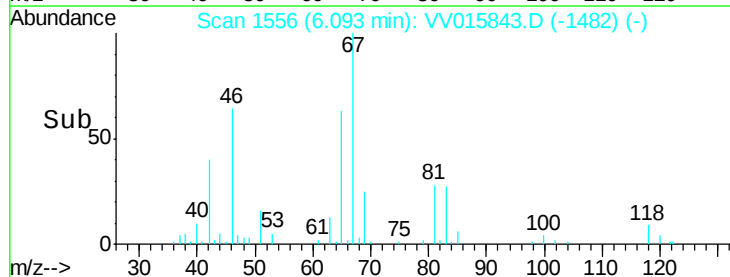
6000

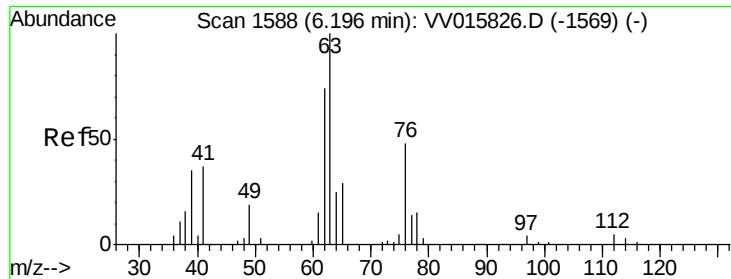
4000

2000

0

Time--> 6.05 6.10 6.15

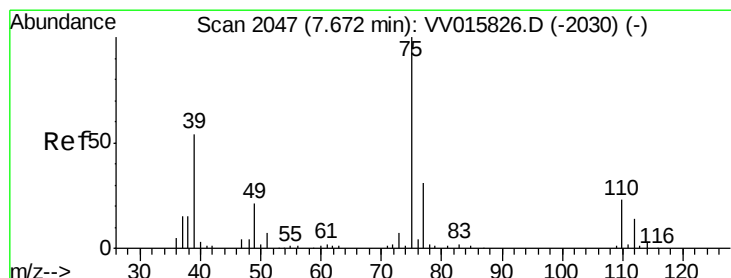
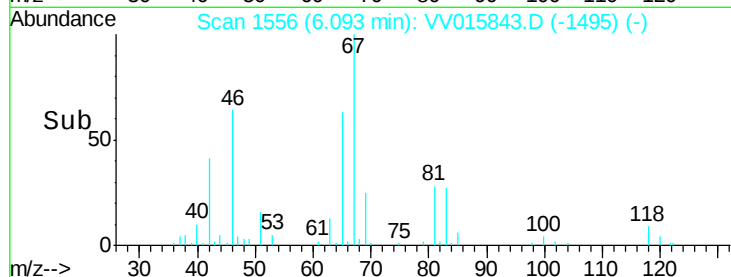
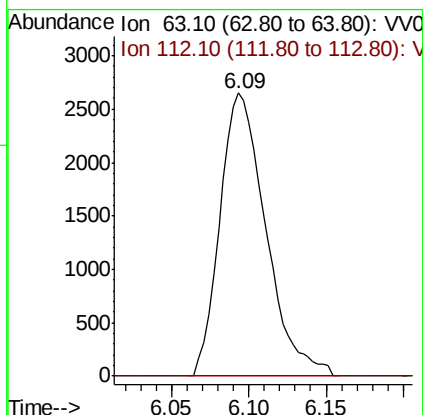
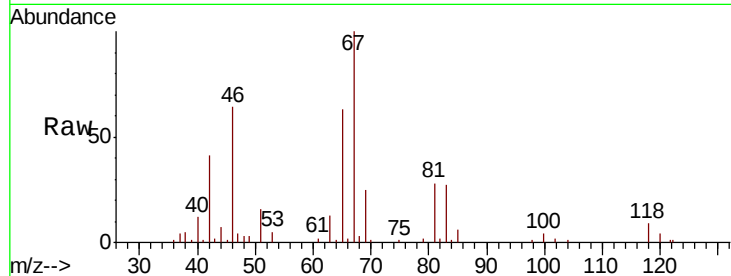




#37
 1,2-Dichloropropane
 Concen: 0.617 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV015843.D
 Acq: 30 Apr 2020 18:56

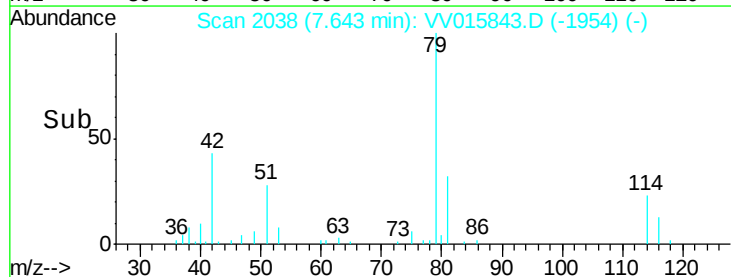
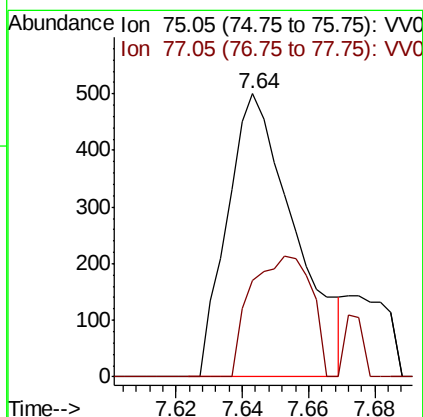
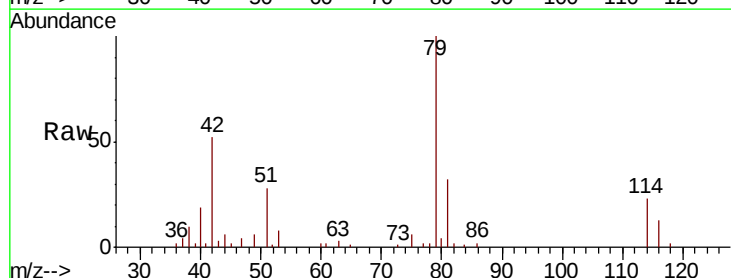
Instrument :
 MSVOA_V
 ClientSampled :

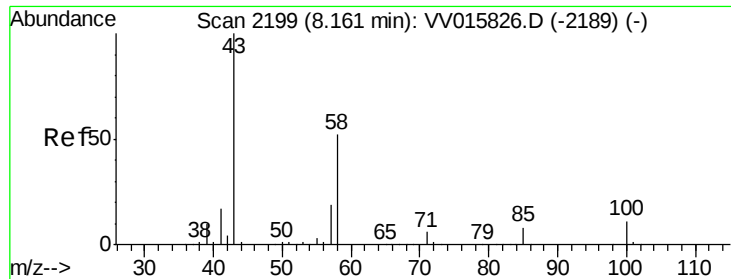
Tot Ion: 63 Resp: 5454
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.068 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV015843.D
 Acq: 30 Apr 2020 18:56

Tgt Ion: 75 Resp: 707
 Ion Ratio Lower Upper
 75 100
 77 34.2 21.8 40.6





#48
 2-Hexanone
 Concen: 1.443 ug/L
 RT: 8.17 min Scan# 2202
 Delta R.T. 0.01 min
 Lab File: VV015843.D
 Acq: 30 Apr 2020 18:56

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	43	Resp:	5900
Ion	Ratio	Lower	Upper
43	100		
58	34.0	41.1	61.7#
57	14.3	15.0	22.4#
100	6.4	9.0	13.4#

