

Data File : VV012143.D
Acq On : 09 Aug 2019 00:24
Operator : SY/MD
Sample : K4214-01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JZ4

Quant Time: Aug 09 06:49:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 09 06:44:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	108568	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	100649	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	54059	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22261	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.58	69	16153	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.13	63	34785	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	3.94	46	61293	51.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.80%
24) Chloroform-d	4.40	84	64384	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.08	65	35460	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.10	84	124254	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.12	67	31036	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.36	98	121579	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	7.66	79	15793	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.13	63	55046	50.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.42%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	25393	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	53506	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

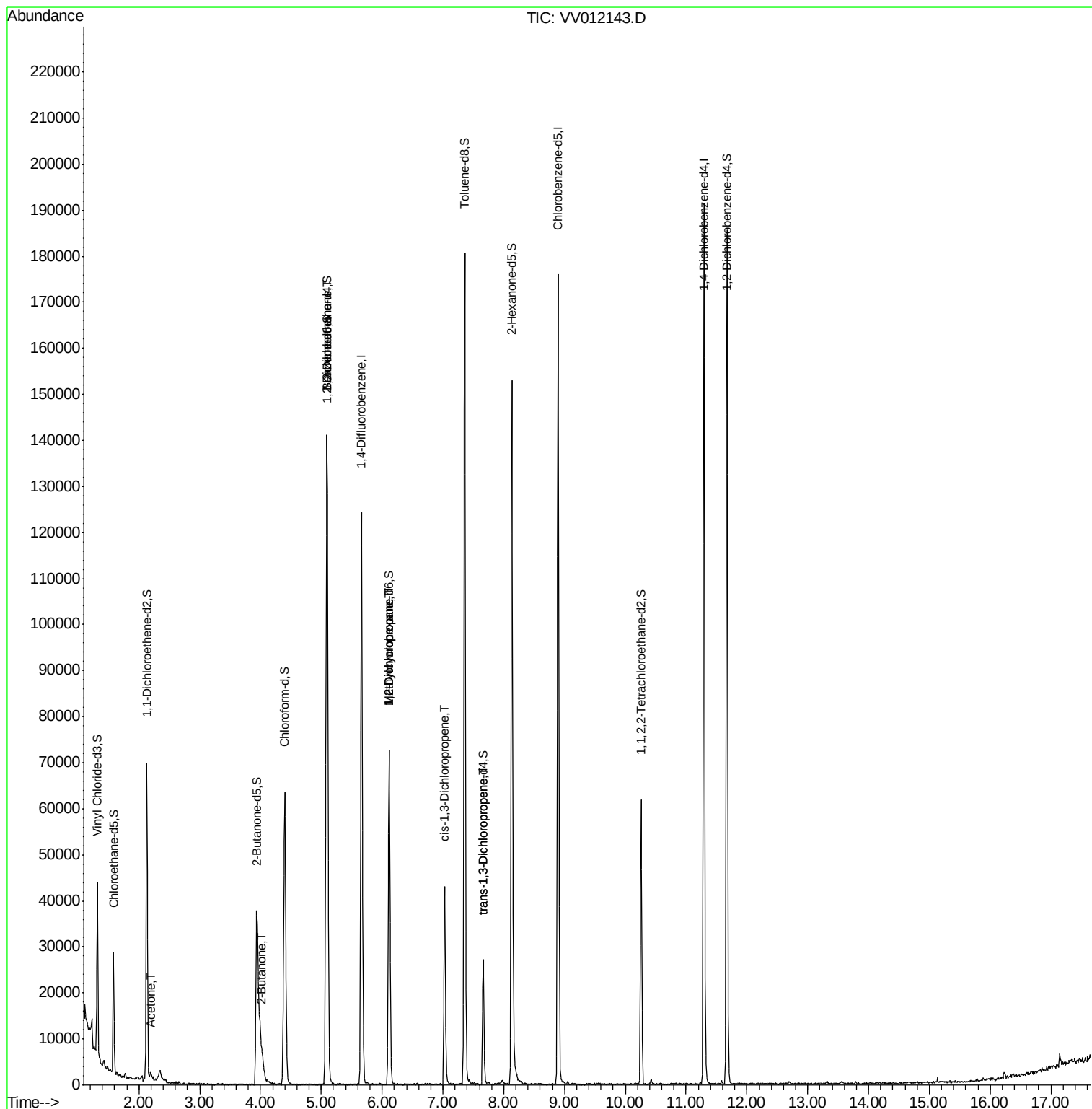
					Qvalue
13) Acetone	2.20	43	1574	2.243 ug/L	98
21) 2-Butanone	4.03	43	5427	4.476 ug/L	88
27) 1,2-Dichloroethane	5.09	62	429	0.053 ug/L #	77
35) Methylcyclohexane	6.11	83	9035	0.797 ug/L #	21
37) 1,2-Dichloropropane	6.11	63	3796	0.712 ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	1162	0.120 ug/L #	61
44) trans-1,3-Dichloropropene	7.67	75	589	0.076 ug/L #	62

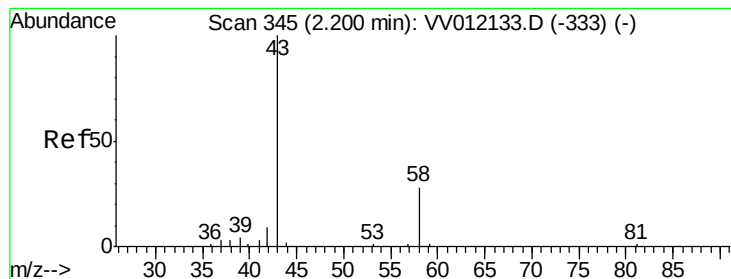
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.243 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.00 min

Lab File: VV012143.D

Acq: 09 Aug 2019 00:24

Instrument :

MSVOA_V

ClientSampled :

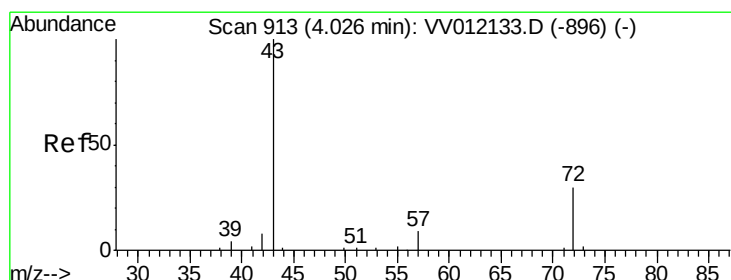
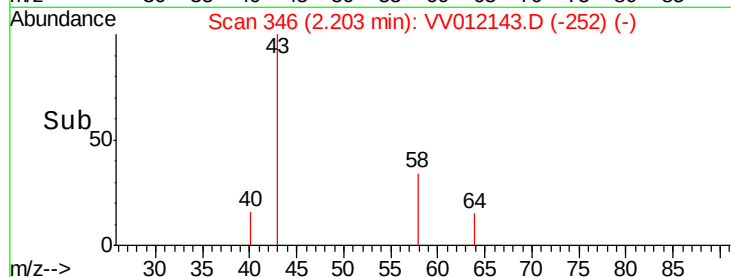
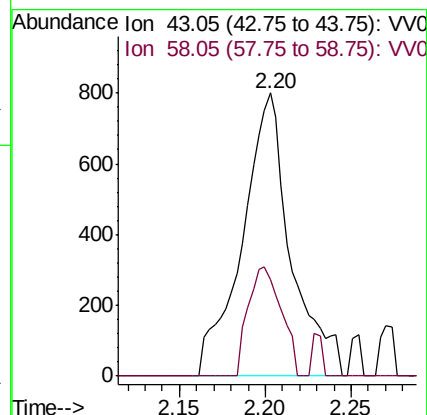
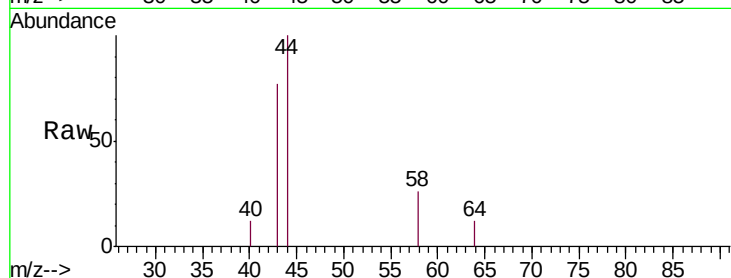
C0JZ4

Tgt Ion: 43 Resp: 1574

Ion Ratio Lower Upper

43 100

58 26.2 0.0 54.6



#21

2-Butanone

Concen: 4.476 ug/L

RT: 4.03 min Scan# 915

Delta R.T. 0.01 min

Lab File: VV012143.D

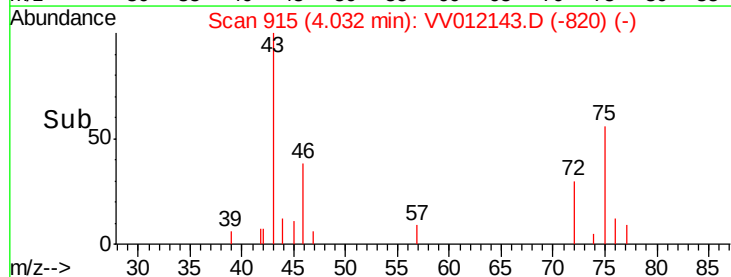
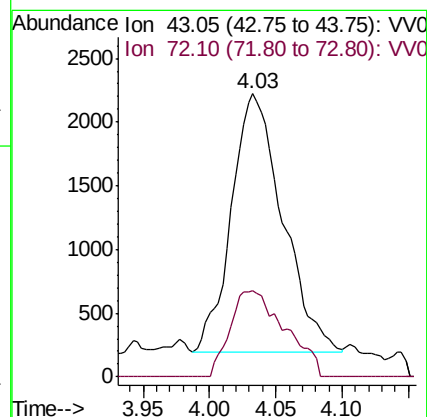
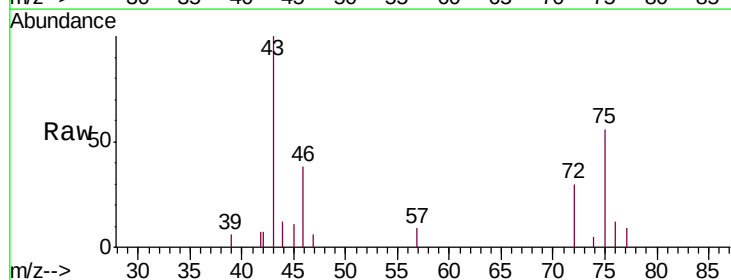
Acq: 09 Aug 2019 00:24

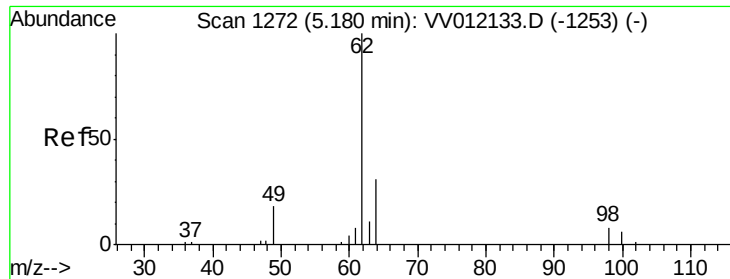
Tgt Ion: 43 Resp: 5427

Ion Ratio Lower Upper

43 100

72 35.9 14.8 44.3

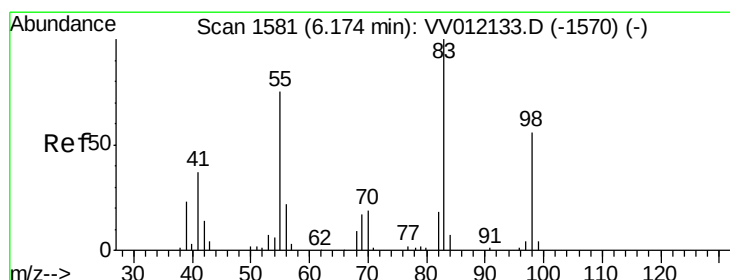
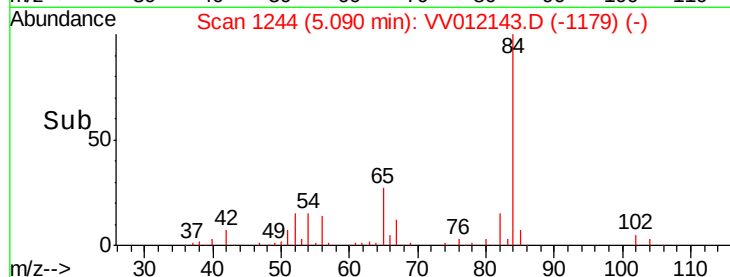
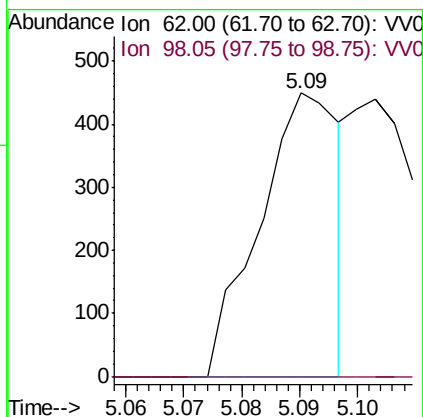
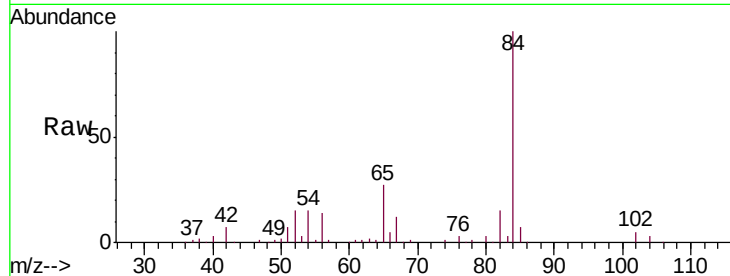




#27
 1,2-Dichloroethane
 Concen: 0.053 ug/L
 RT: 5.09 min Scan# 1244
 Delta R.T. -0.09 min
 Lab File: VV012143.D
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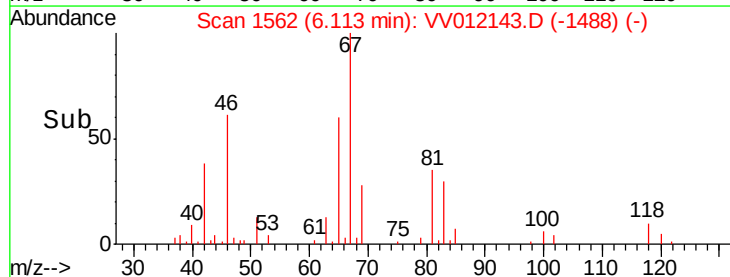
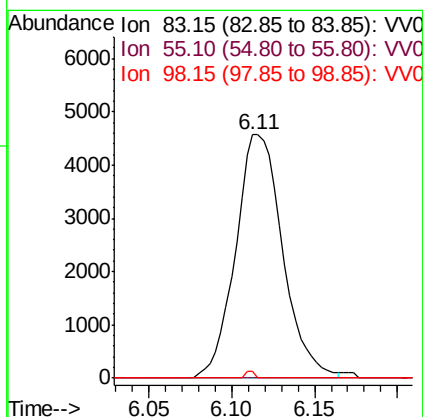
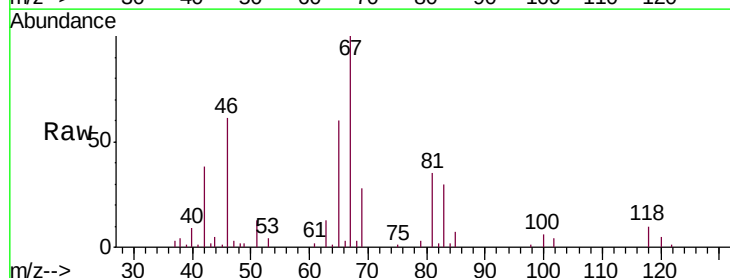
Instrument :
 MSVOA_V
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 C0JZ4

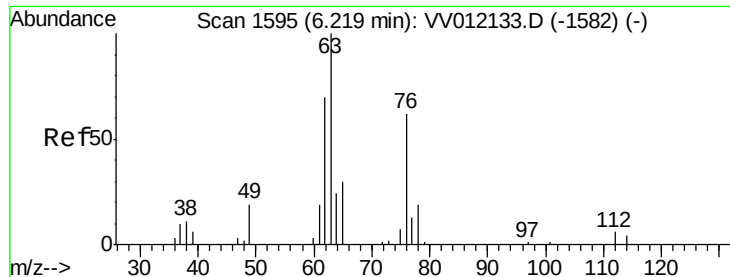
Tgt Ion: 62 Resp: 429
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.4 9.6#



#35
 Methylcyclohexane
 Concen: 0.797 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.06 min
 Lab File: VV012143.D
 Acq: 09 Aug 2019 00:24

Tgt Ion: 83 Resp: 9035
 Ion Ratio Lower Upper
 83 100
 55 0.0 55.0 82.6#
 98 0.6 40.4 60.6#

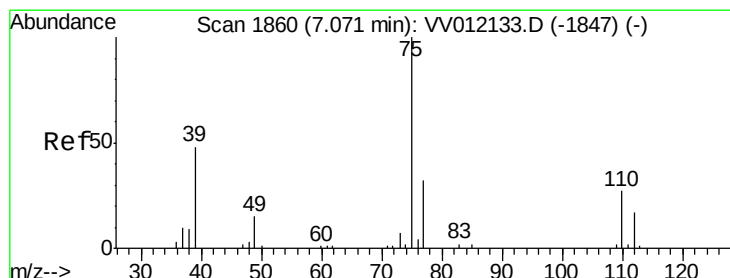
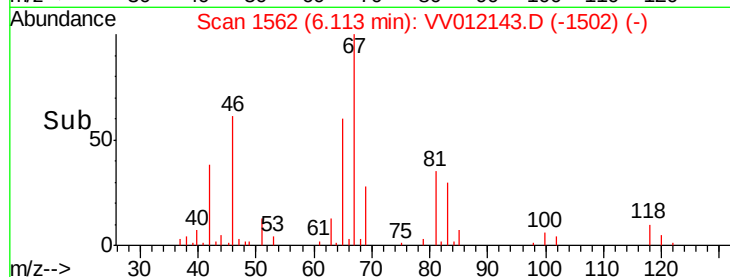
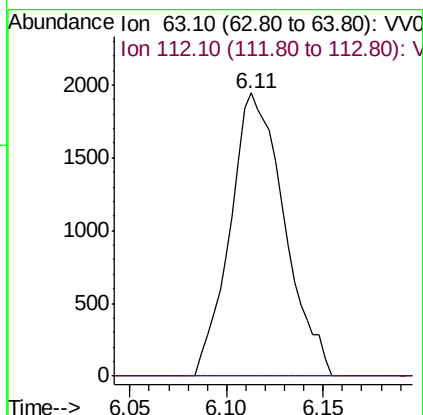
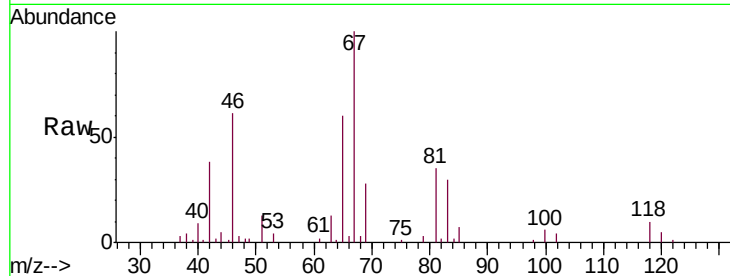




#37
 1,2-Dichloropropane
 Concen: 0.712 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV012143.D
 Acq: 09 Aug 2019 00:24

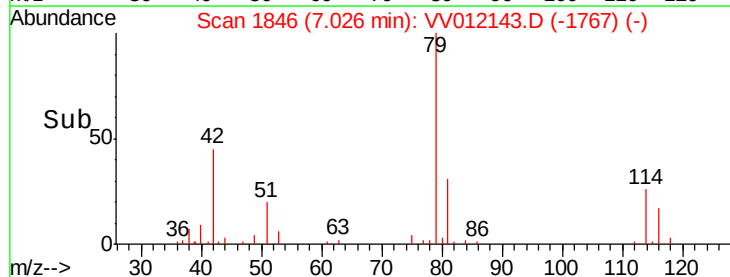
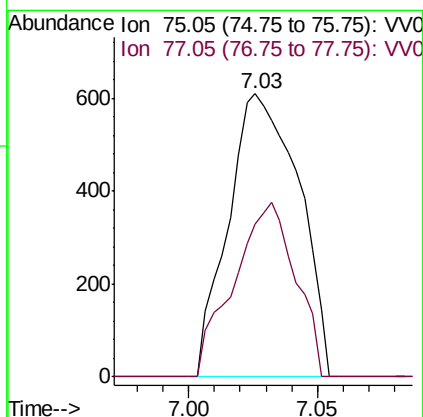
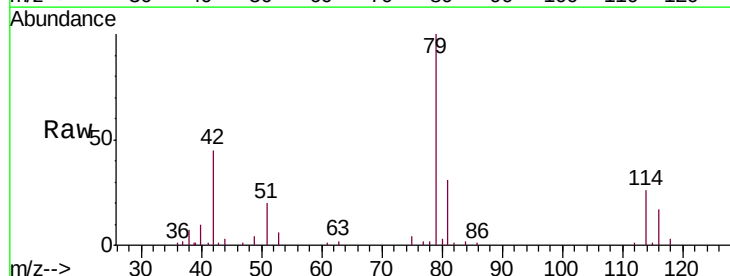
Instrument :
 MSVOA_V
 ClientSampleId :
 C0JZ4

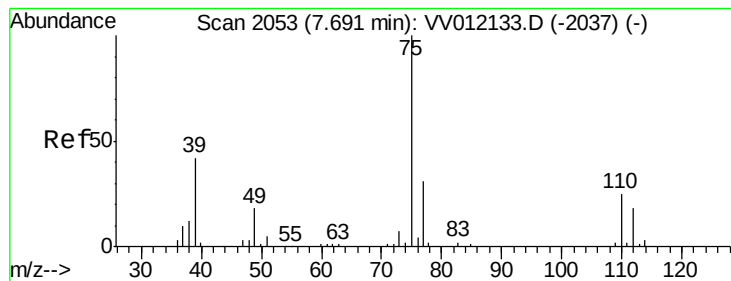
Tgt Ion: 63 Resp: 3796
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.120 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV012143.D
 Acq: 09 Aug 2019 00:24

Tgt Ion: 75 Resp: 1162
 Ion Ratio Lower Upper
 75 100
 77 54.0 22.5 41.7#





#44

trans-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV012143.D

Acq: 09 Aug 2019 00:24

Instrument :

MSVOA_V

ClientSampleId :

C0JZ4

Tgt Ion: 75 Resp: 589

Ion Ratio Lower Upper

75 100

77 52.6 22.0 41.0#

