

Data File : VV013212.D
Acq On : 18 Oct 2019 19:35
Operator : SY/MD
Sample : K5321-19
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0AA3

Quant Time: Oct 19 04:28:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 04:23:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	422099	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	459089	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	226014	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	230590	5.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.40%
7) Chloroethane-d5	1.58	69	187910	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.60%
11) 1,1-Dichloroethene-d2	2.13	63	275184	4.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.00%
20) 2-Butanone-d5	3.97	46	501911	56.56	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.12%
24) Chloroform-d	4.40	84	441424	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.08	65	219388	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.40%
32) Benzene-d6	5.09	84	899264	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.12	67	277498	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.36	98	752827	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.66	79	93062	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.14	63	359512	48.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	186971	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	302597	6.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	126.40%#

Target Compounds

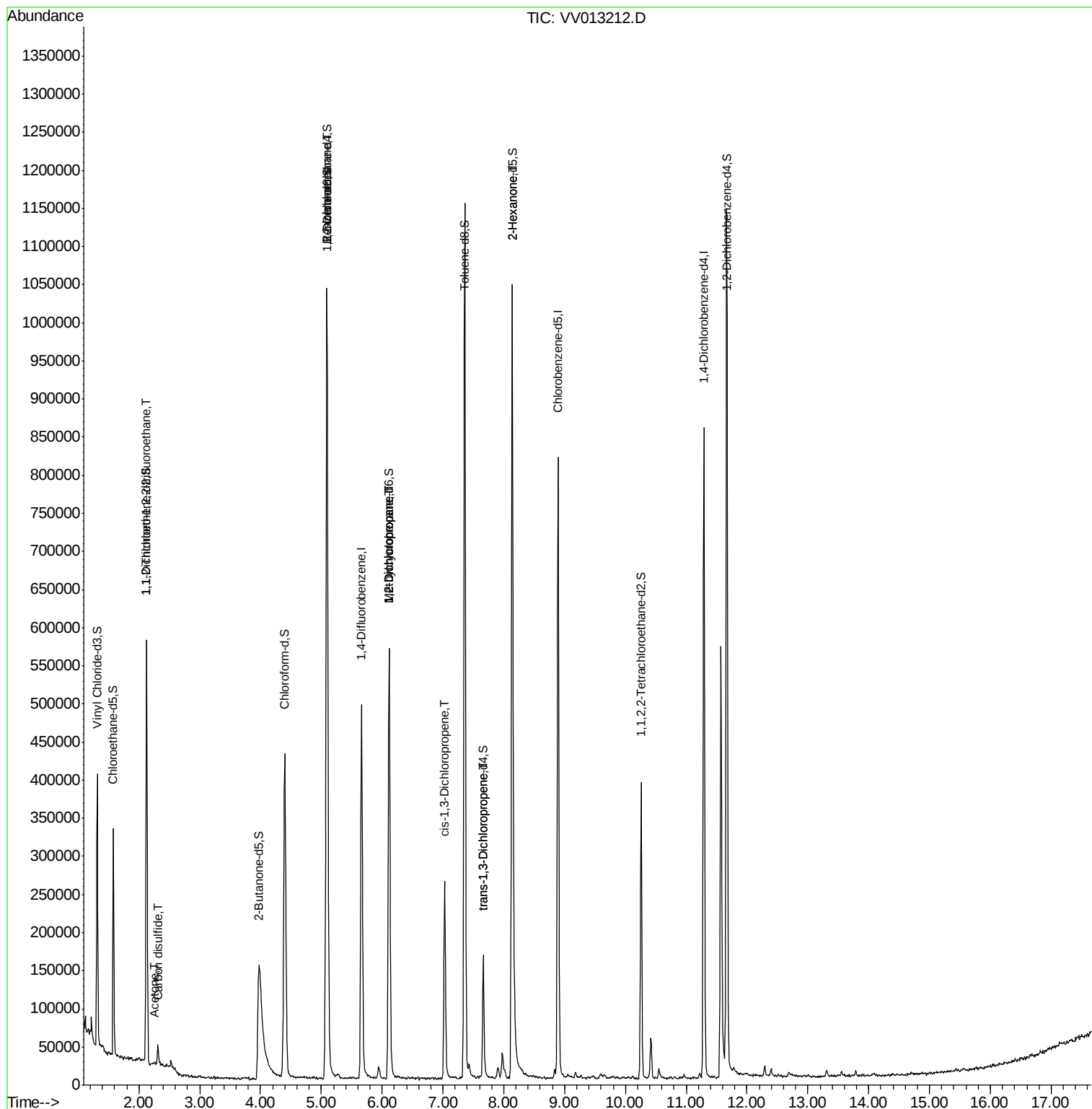
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2855	0.080	ug/L #	27
13) Acetone	2.25	43	8217	2.023	ug/L	66
14) Carbon disulfide	2.31	76	28554	0.296	ug/L #	91
27) 1,2-Dichloroethane	5.10	62	5512	0.119	ug/L	98
35) Methylcyclohexane	6.12	83	66546	0.904	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	30328	0.665	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	6580	0.108	ug/L #	31
44) trans-1,3-Dichloropropene	7.66	75	4023	0.086	ug/L	93
48) 2-Hexanone	8.14	43	56717	3.184	ug/L #	87

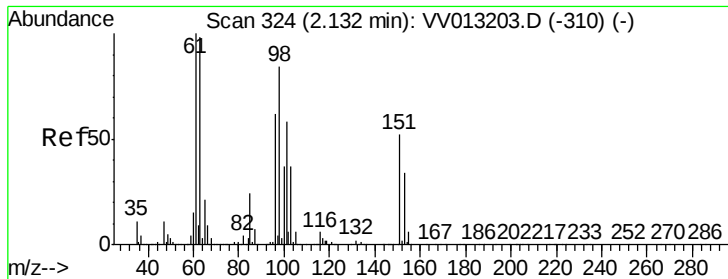
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.080 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

E0AA3

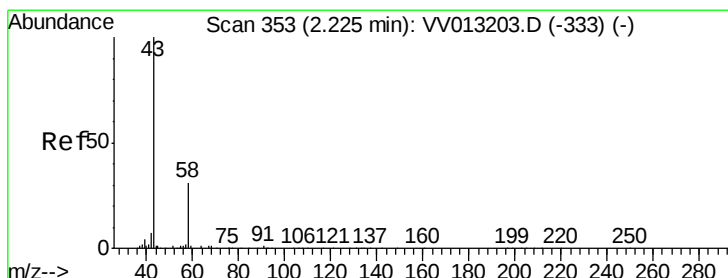
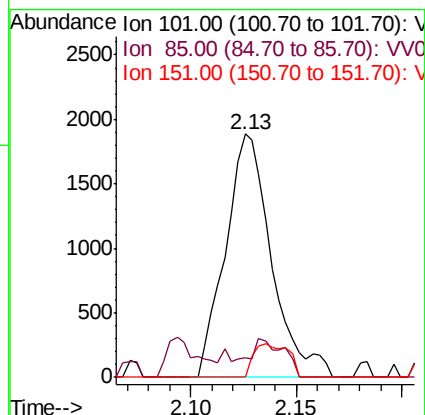
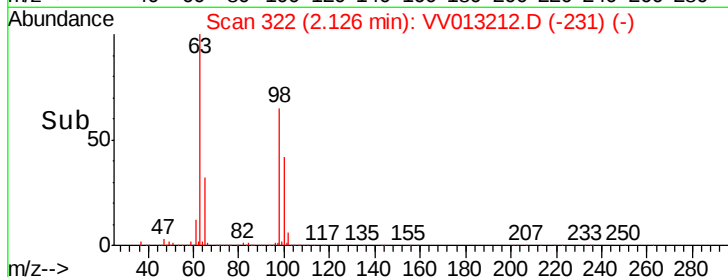
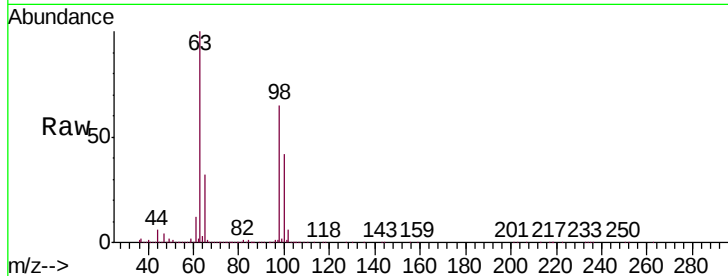
Tgt Ion: 101 Resp: 2855

Ion Ratio Lower Upper

101 100

85 11.2 32.4 48.6#

151 10.4 71.9 107.9#



#13

Acetone

Concen: 2.023 ug/L

RT: 2.25 min Scan# 361

Delta R.T. 0.03 min

Lab File: VV013212.D

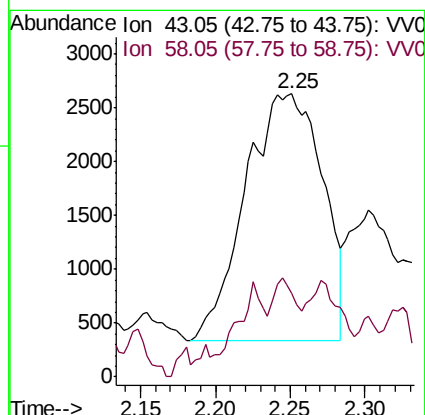
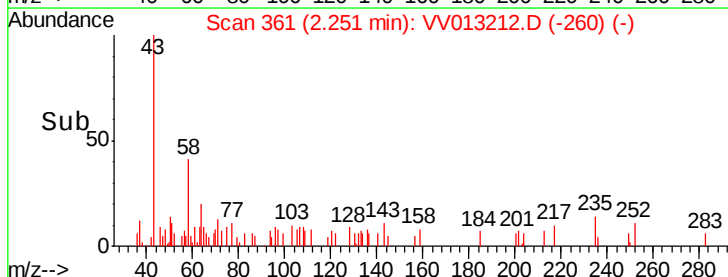
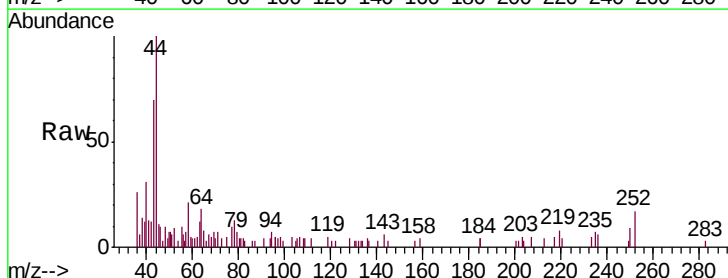
Acq: 18 Oct 2019 19:35

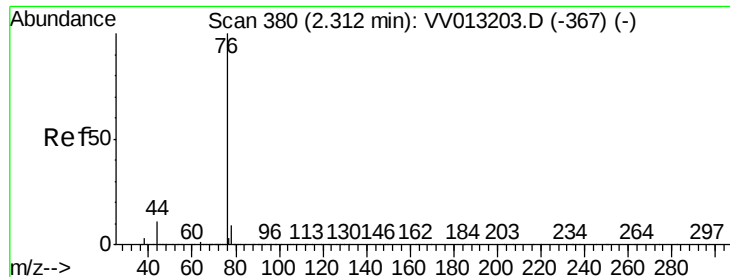
Tgt Ion: 43 Resp: 8217

Ion Ratio Lower Upper

43 100

58 8.7 0.0 52.4





#14

Carbon disulfide

Concen: 0.296 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV013212.D

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Instrument :

MSVOA_V

ClientSampleId :

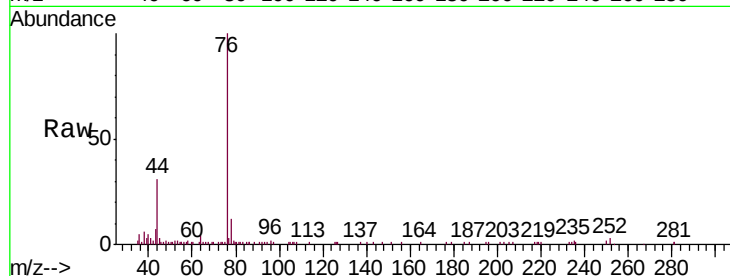
E0AA3

Tgt Ion: 76 Resp: 28554

Ion Ratio Lower Upper

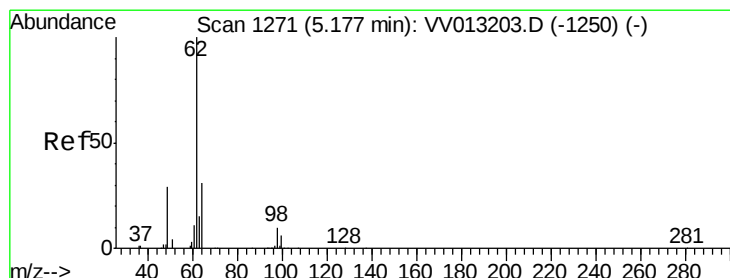
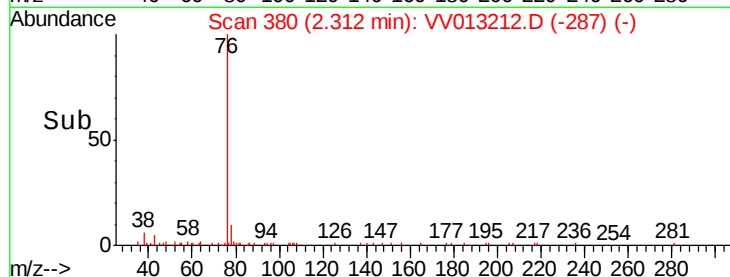
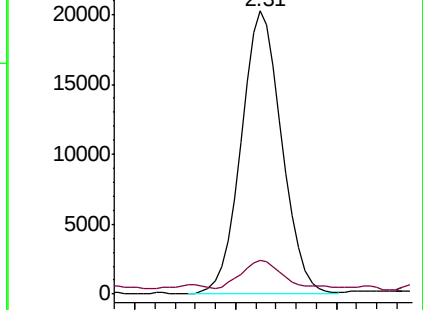
76 100

78 12.2 7.1 10.7#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#27

1,2-Dichloroethane

Concen: 0.119 ug/L

RT: 5.10 min Scan# 1247

Delta R.T. -0.08 min

Lab File: VV013212.D

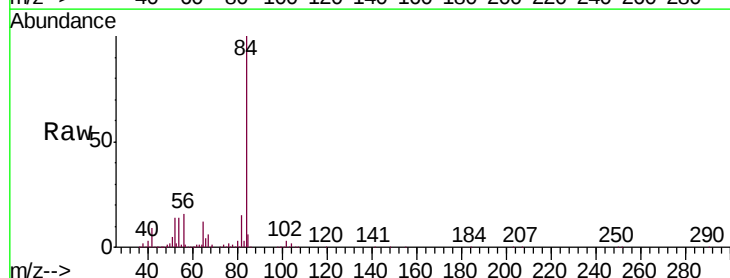
Acq: 18 Oct 2019 19:35

Tgt Ion: 62 Resp: 5512

Ion Ratio Lower Upper

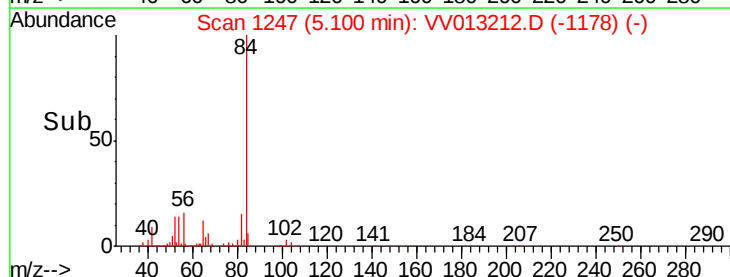
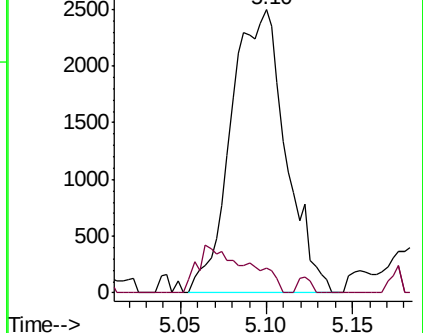
62 100

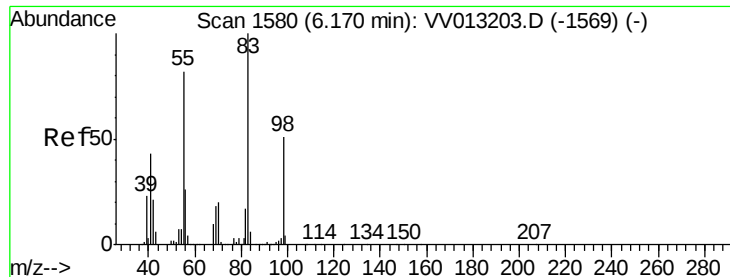
98 8.7 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0





#35

Methylcyclohexane

Concen: 0.904 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV013212.D

Acq: 18 Oct 2019 19:35

Instrument :

MSVOA_V

ClientSampleId :

E0AA3

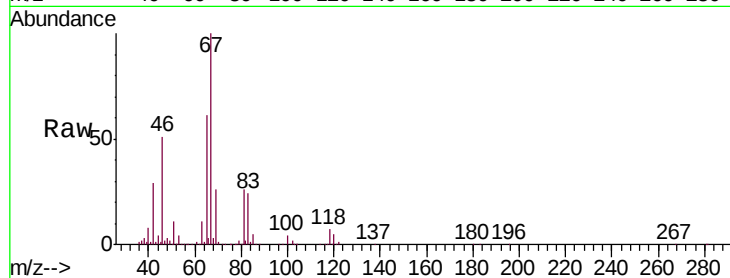
Tgt Ion: 83 Resp: 66546

Ion Ratio Lower Upper

83 100

55 0.2 64.0 96.0#

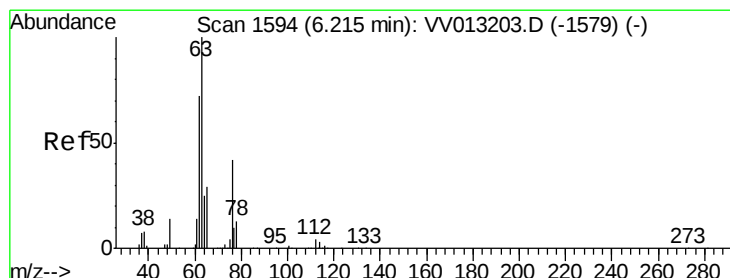
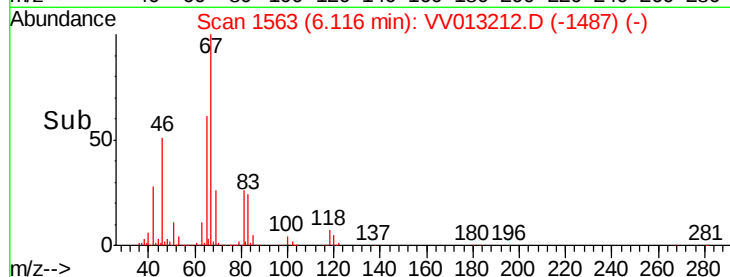
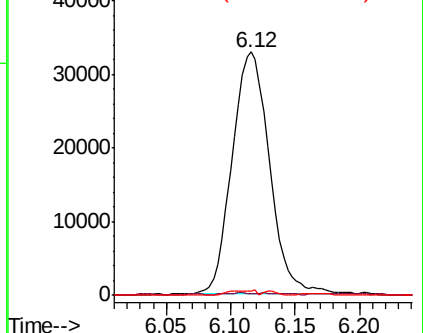
98 1.4 38.6 57.8#



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



#37

1,2-Dichloropropane

Concen: 0.665 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV013212.D

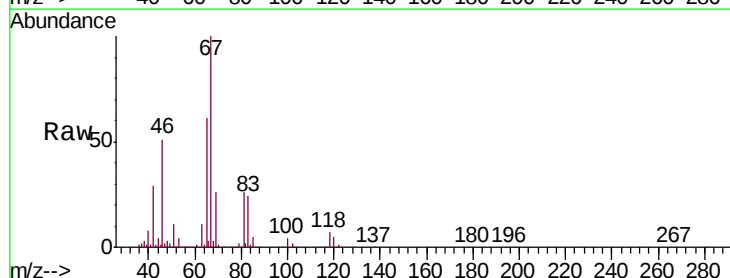
Acq: 18 Oct 2019 19:35

Tgt Ion: 63 Resp: 30328

Ion Ratio Lower Upper

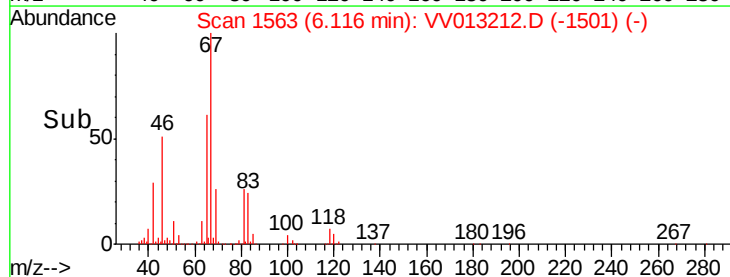
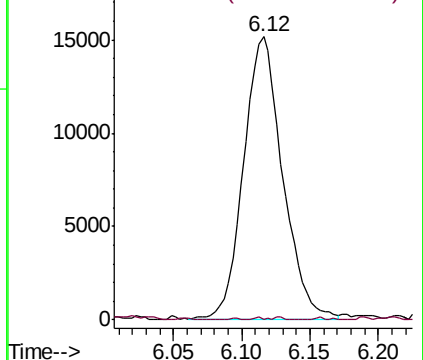
63 100

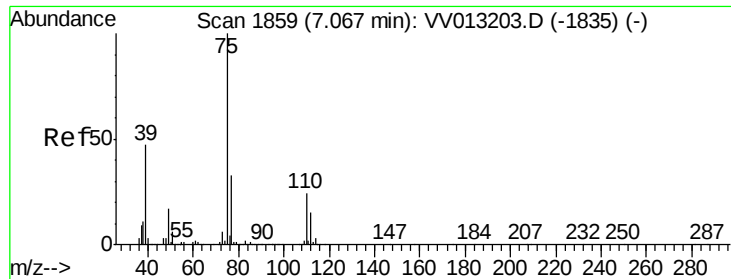
112 0.2 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

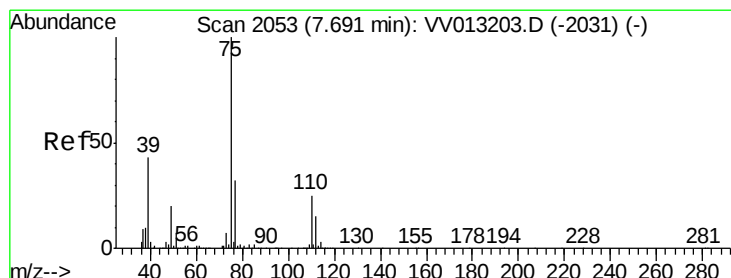
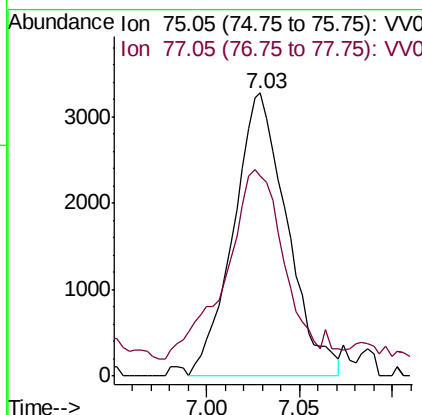
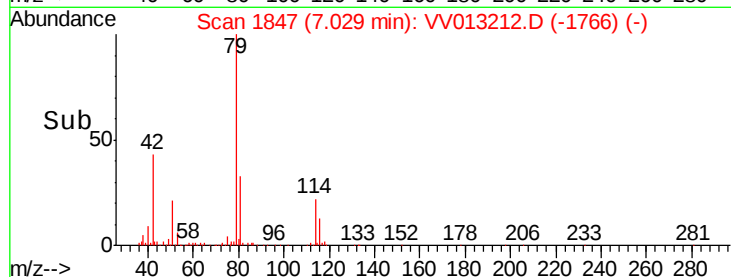
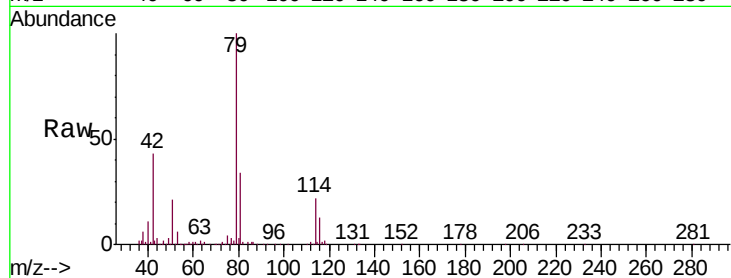




#39
 cis-1,3-Dichloropropene
 Concen: 0.108 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV013212.D
 Acq: 18 Oct 2019 19:35

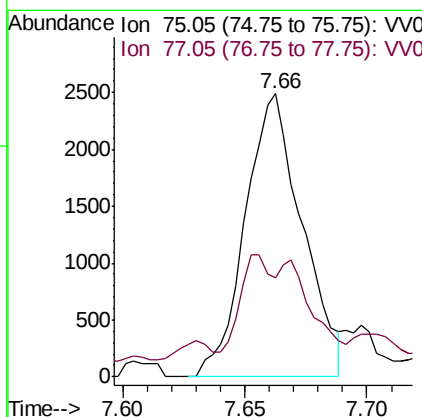
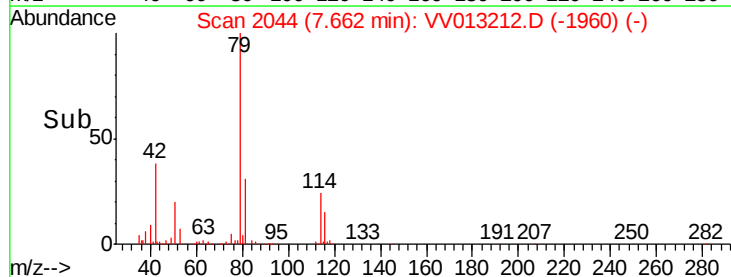
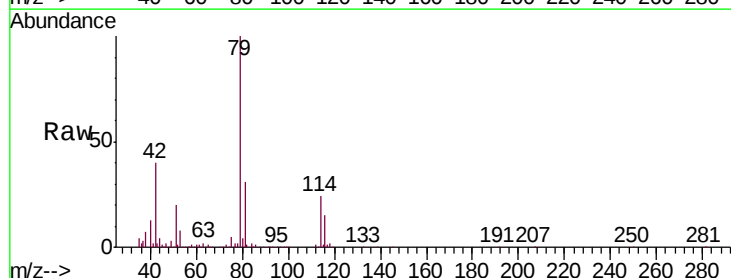
Instrument :
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 E0AA3

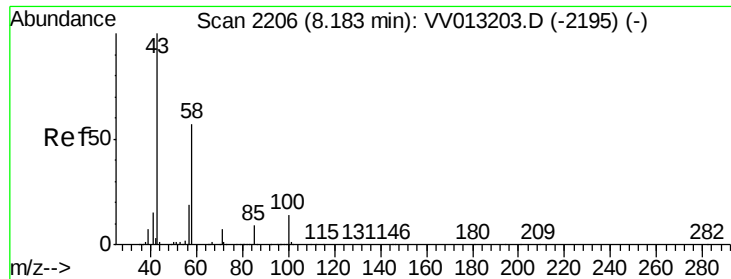
Tgt Ion: 75 Resp: 6580
 Ion Ratio Lower Upper
 75 100
 77 70.7 22.6 42.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.086 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV013212.D
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Tgt Ion: 75 Resp: 4023
 Ion Ratio Lower Upper
 75 100
 77 35.0 21.8 40.4





#48
 2-Hexanone
 Concen: 3.184 ug/L
 RT: 8.14 min Scan# 2191
 Delta R.T. -0.05 min
 Lab File: VV013212.D
 Acq: 18 Oct 2019 19:35

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA3

Tgt Ion:	43	Resp:	56717
Ion	Ratio	Lower	Upper
43	100		
58	50.7	44.2	66.2
57	30.0	14.5	21.7#
100	4.0	9.5	14.3#

