

Data File : VV011313.D
Acq On : 08 Jun 2019 04:23
Operator : SY/MD
Sample : K3228-14
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P16

Quant Time: Jun 08 05:32:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 08 05:28:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	156598	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	144865	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	56617	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41015	3.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.20%
7) Chloroethane-d5	1.55	69	36757	3.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.60%
11) 1,1-Dichloroethene-d2	2.12	63	68172	2.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.60%#
20) 2-Butanone-d5	3.94	46	139852	52.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.70%
24) Chloroform-d	4.40	84	87834	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.08	65	49756	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
32) Benzene-d6	5.09	84	171698	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.20%
36) 1,2-Dichloropropane-d6	6.12	67	53650	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.40%
41) Toluene-d8	7.36	98	149483	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
43) trans-1,3-Dichloropropene-	7.66	79	15556	3.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.20%
46) 2-Hexanone-d5	8.13	63	105421	49.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.08%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	41157	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	49829	4.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.20%

Target Compounds

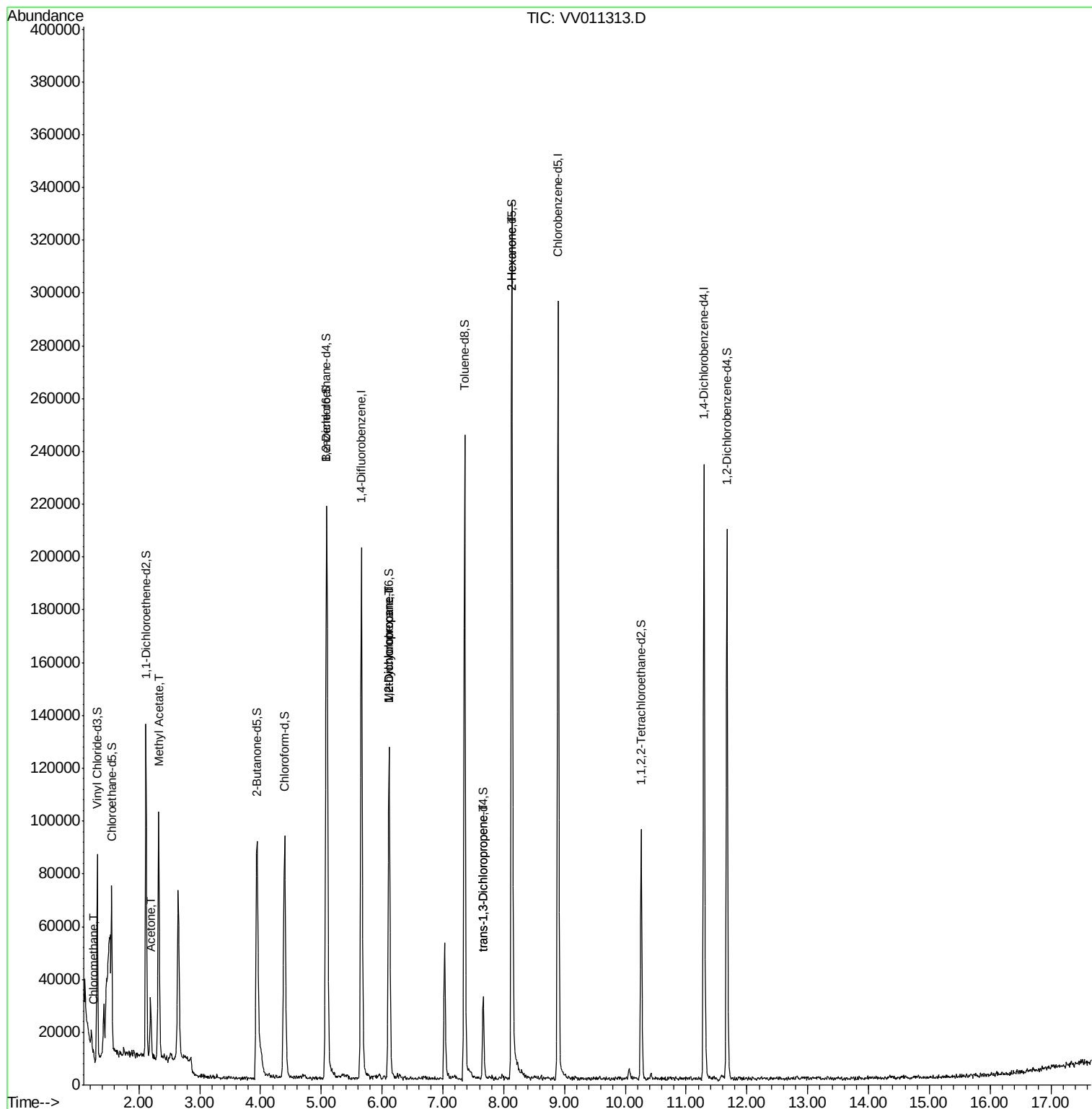
						Qvalue
3) Chloromethane	1.25	50	1652	0.111	ug/L	93
13) Acetone	2.19	43	8498	4.744	ug/L	84
15) Methyl Acetate	2.32	43	23313	4.901	ug/L #	53
35) Methylcyclohexane	6.12	83	14092	0.716	ug/L #	16
37) 1,2-Dichloropropane	6.11	63	6853	0.597	ug/L #	87
44) trans-1,3-Dichloropropene	7.67	75	1122	0.088	ug/L	95
48) 2-Hexanone	8.13	43	15077	2.959	ug/L #	72

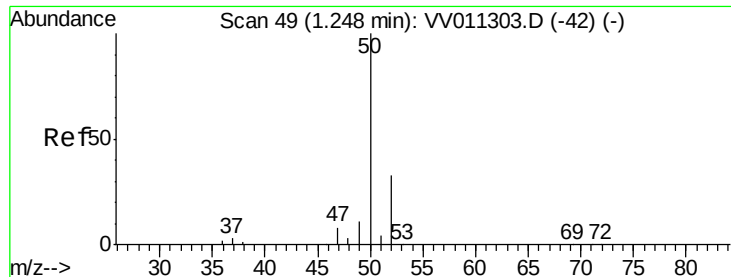
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.111 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

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Acq: 08 Jun 2019 04:23

Instrument :

MSVOA_V

ClientSampleId :

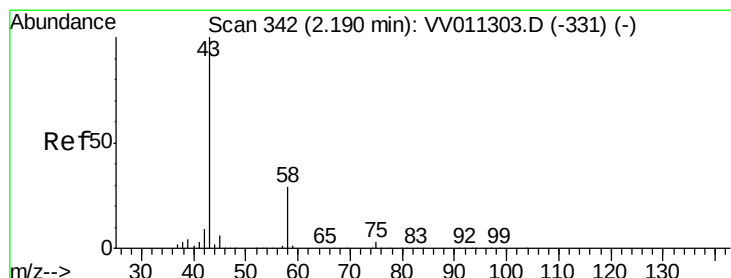
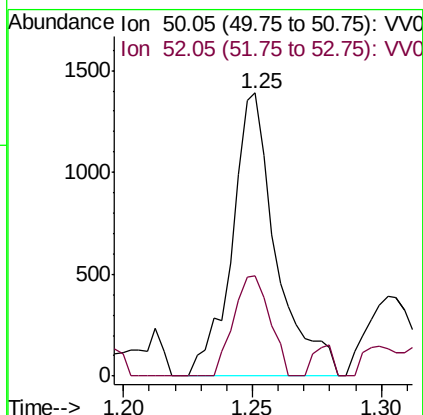
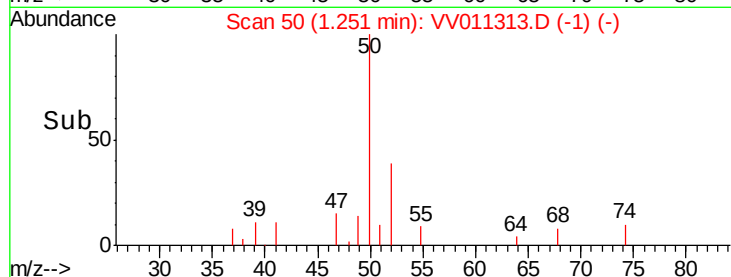
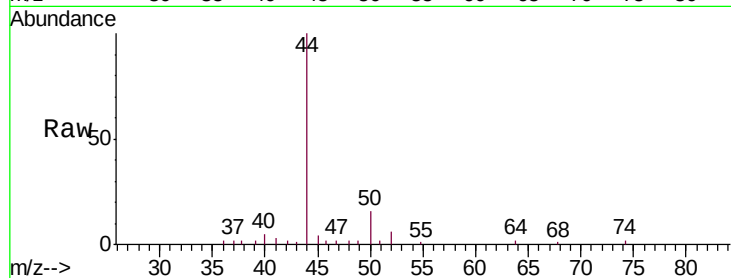
F9P16

Tgt Ion: 50 Resp: 1652

Ion Ratio Lower Upper

50 100

52 35.6 22.3 41.5



#13

Acetone

Concen: 4.744 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

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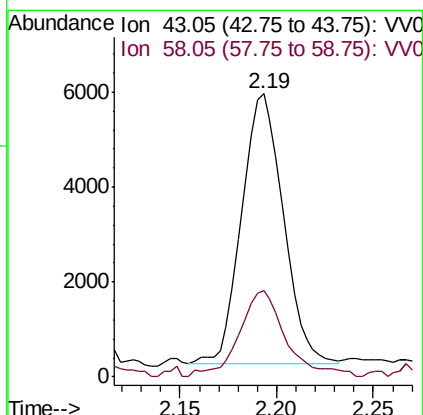
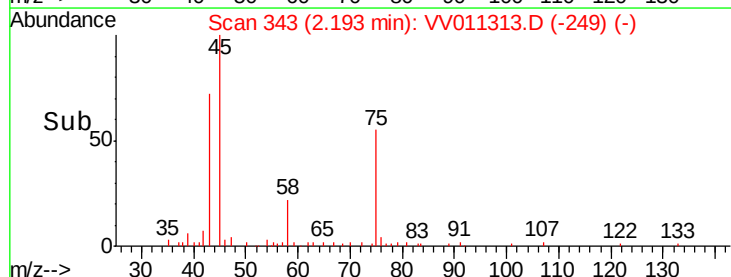
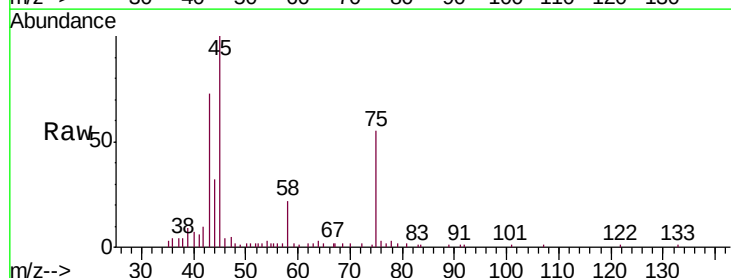
Acq: 08 Jun 2019 04:23

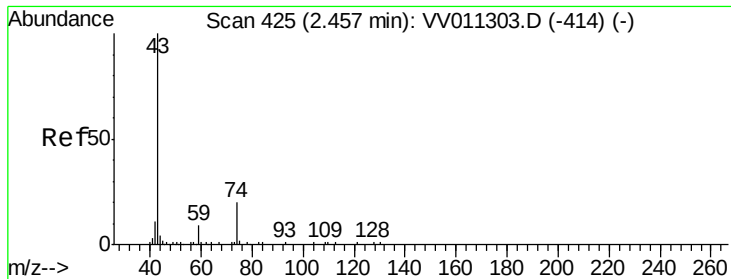
Tgt Ion: 43 Resp: 8498

Ion Ratio Lower Upper

43 100

58 36.0 0.0 55.2





#15

Methyl Acetate

Concen: 4.901 ug/L

RT: 2.32 min Scan# 384

Delta R.T. -0.13 min

Lab File: VV011313.D

Acq: 08 Jun 2019 04:23

Instrument :

MSVOA_V

ClientSampleId :

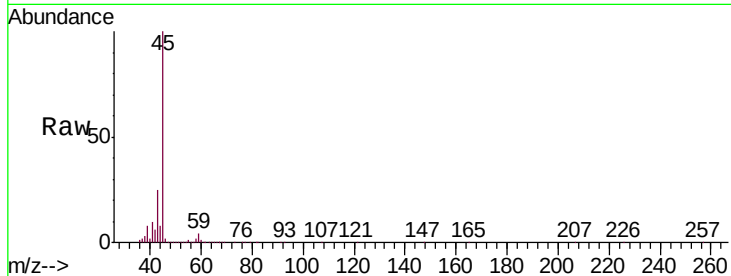
F9P16

Tgt Ion: 43 Resp: 23313

Ion Ratio Lower Upper

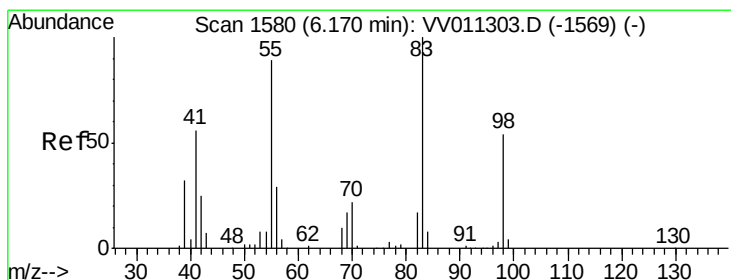
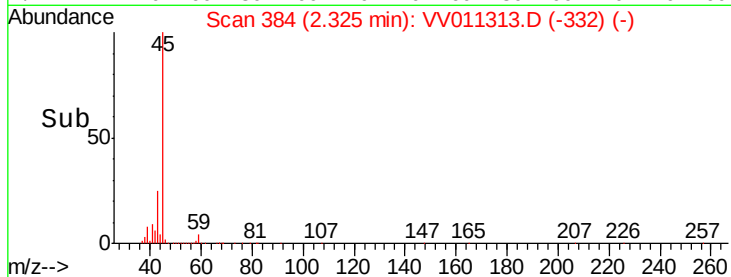
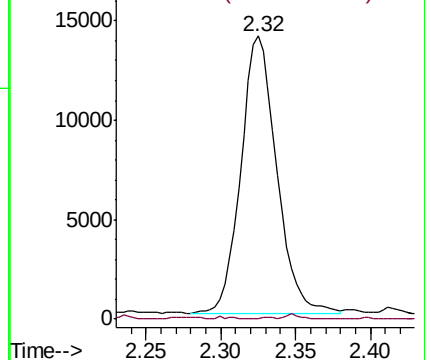
43 100

74 0.3 18.5 27.7#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0



#35

Methylcyclohexane

Concen: 0.716 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011313.D

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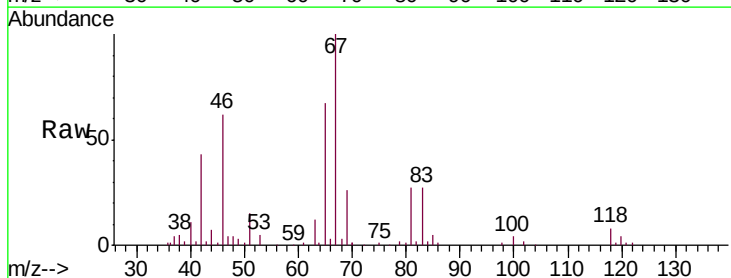
Tgt Ion: 83 Resp: 14092

Ion Ratio Lower Upper

83 100

55 0.9 67.0 100.6#

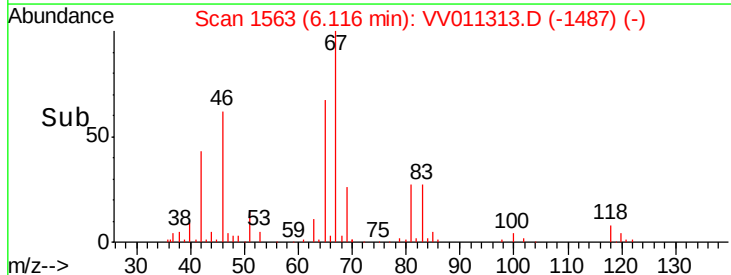
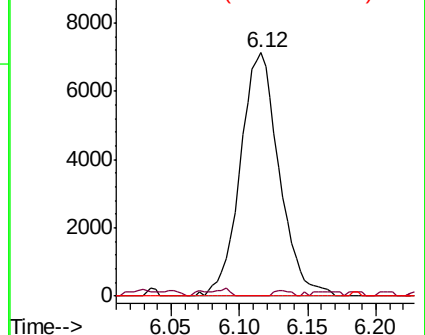
98 0.0 40.0 60.0#

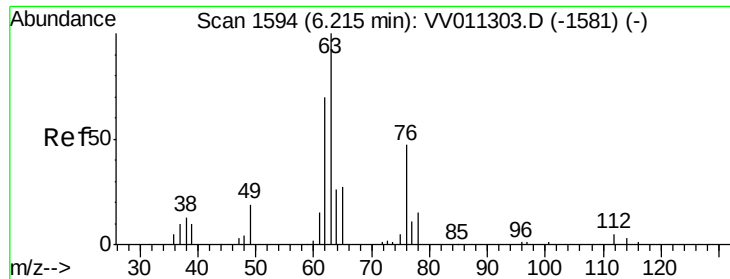


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

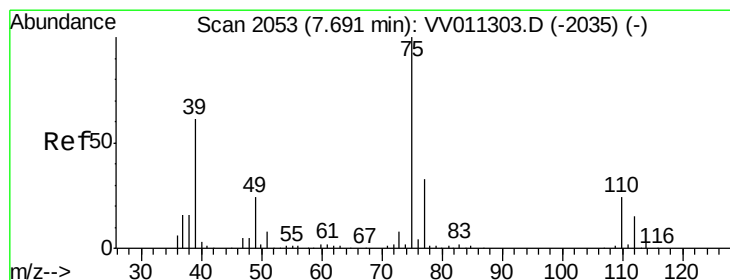
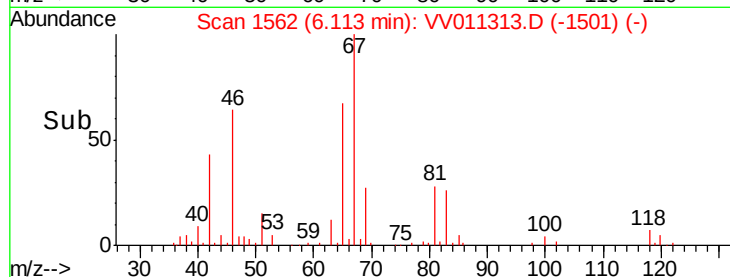
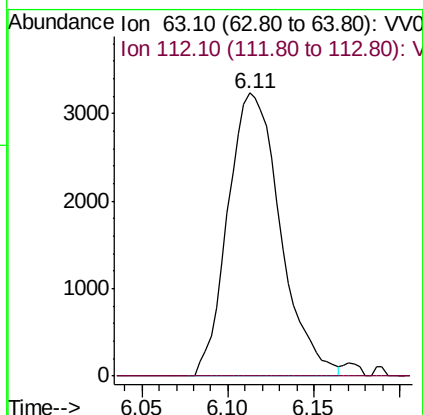
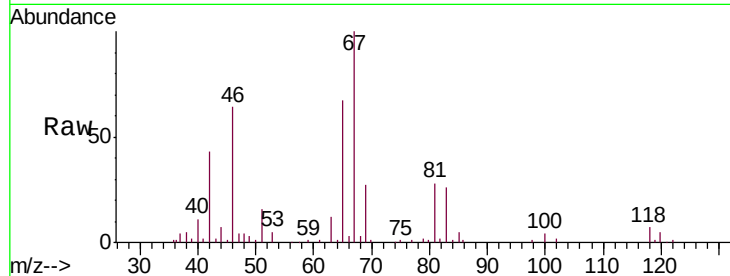




#37
 1,2-Dichloropropane
 Concen: 0.597 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
 Lab File: VV011313.D
 Acq: 08 Jun 2019 04:23

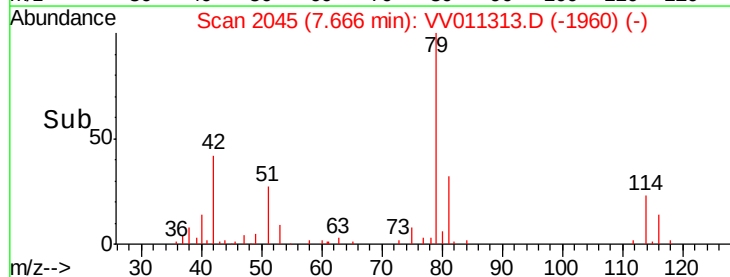
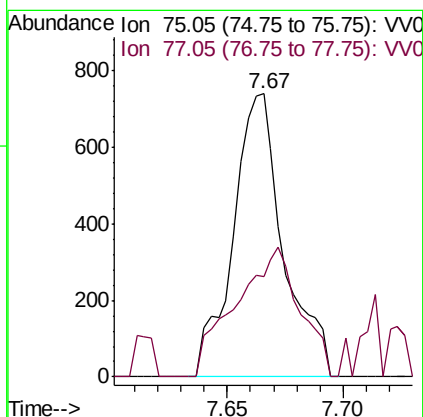
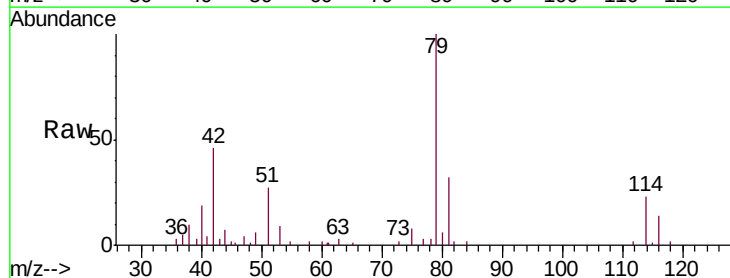
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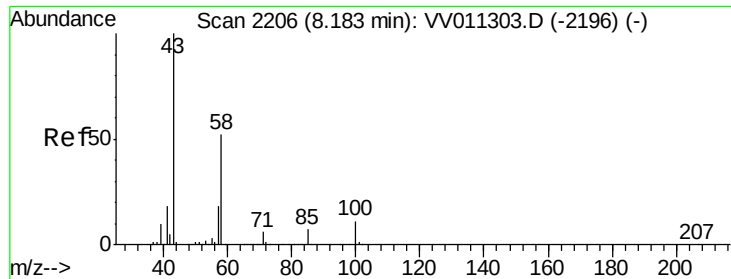
Tgt Ion: 63 Resp: 6853
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.6 5.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV011313.D
 Acq: 08 Jun 2019 04:23

Tgt Ion: 75 Resp: 1122
 Ion Ratio Lower Upper
 75 100
 77 35.6 23.1 42.9





#48
 2-Hexanone
 Concen: 2.959 ug/L
 RT: 8.13 min Scan# 2191
 Delta R.T. -0.05 min
 Lab File: VV011313.D
 Acq: 08 Jun 2019 04:23

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P16

Tgt Ion:	43	Resp:	15077
Ion	Ratio	Lower	Upper
43	100		
58	27.6	41.4	62.0#
57	24.1	15.0	22.4#
100	0.6	9.0	13.4#

