

Data File : VV011214.D
Acq On : 04 Jun 2019 19:13
Operator : SY/MD
Sample : K2888-16
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0BP8

Quant Time: Jun 05 01:45:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 05 01:41:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	167753	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	151721	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	65175	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58366	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	1.56	69	47360	4.48	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.12	63	91621	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	3.95	46	156093	54.54	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.08%
24) Chloroform-d	4.40	84	106340	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.08	65	58647	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.10	84	222016	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.12	67	67476	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.36	98	195361	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.67	79	24422	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.14	63	125370	55.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.36%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	48271	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	63976	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

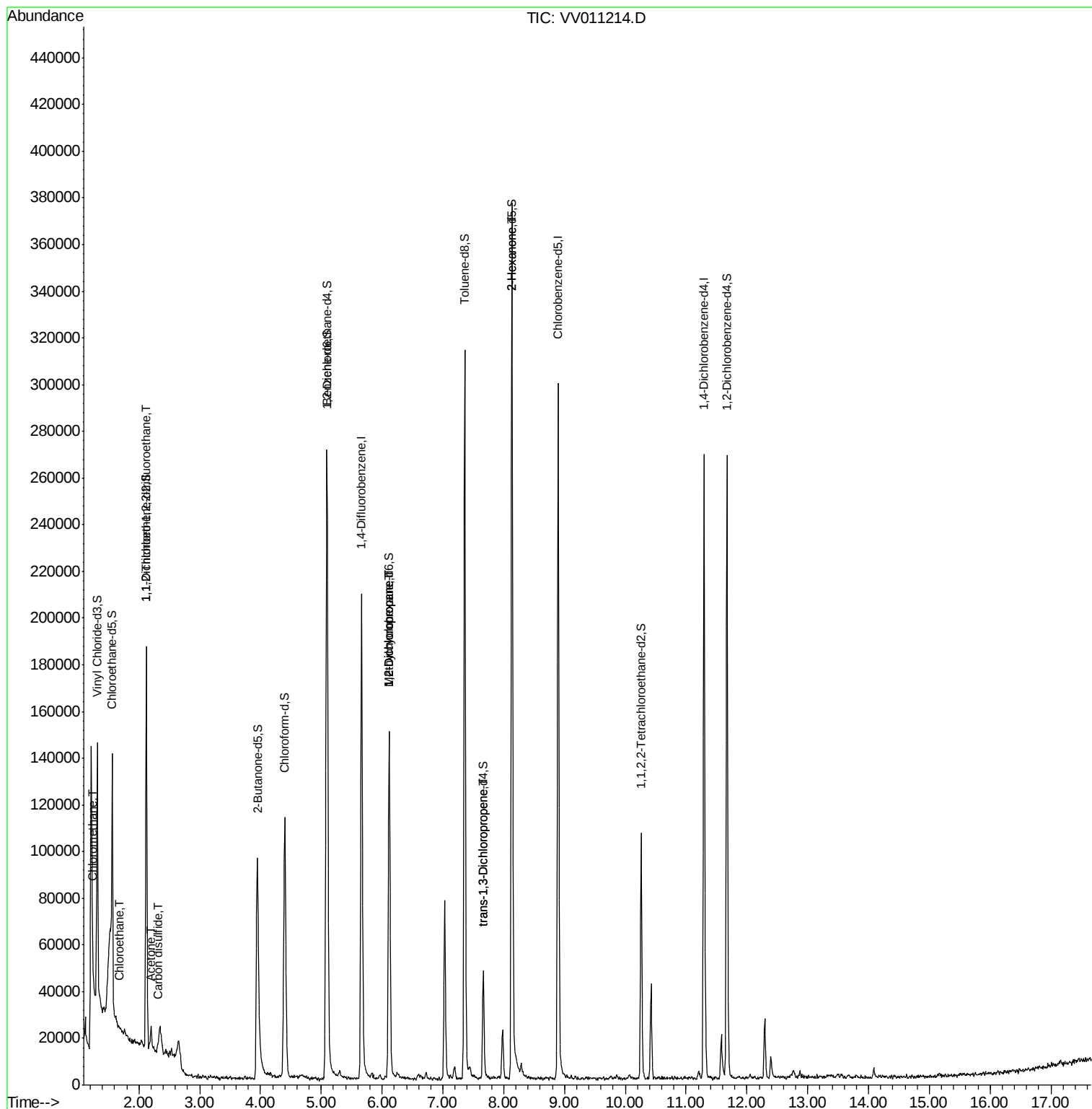
					Qvalue
3) Chloromethane	1.24	50	1334	0.083 ug/L	86
8) Chloroethane	1.67	64	972	0.099 ug/L #	60
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	940	0.086 ug/L #	35
13) Acetone	2.20	43	10660	5.556 ug/L	97
14) Carbon disulfide	2.31	76	3247	0.101 ug/L #	83
35) Methylcyclohexane	6.12	83	16238	0.787 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	8590	0.715 ug/L #	86
44) trans-1,3-Dichloropropene	7.66	75	1306	0.098 ug/L	88
48) 2-Hexanone	8.14	43	16548	3.101 ug/L #	73

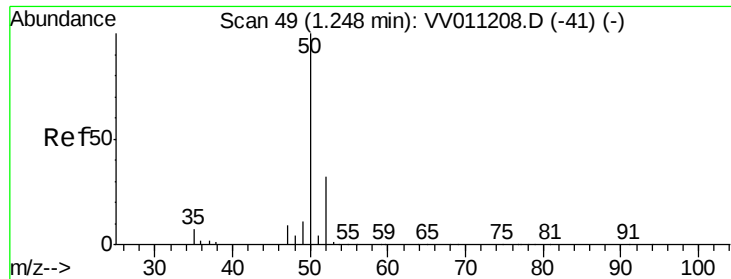
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.083 ug/L

RT: 1.24 min Scan# 48

Delta R.T. -0.00 min

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Acq: 04 Jun 2019 19:13

Instrument :

MSVOA_V

ClientSampleId :

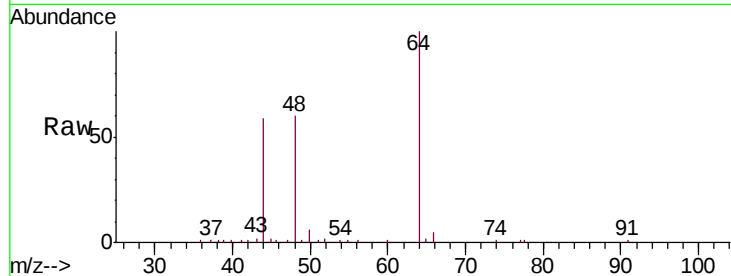
C0BP8

Tgt Ion: 50 Resp: 1334

Ion Ratio Lower Upper

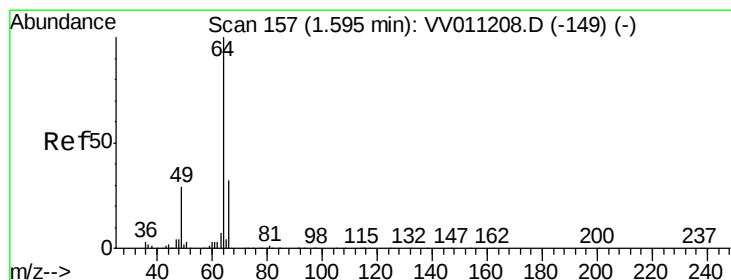
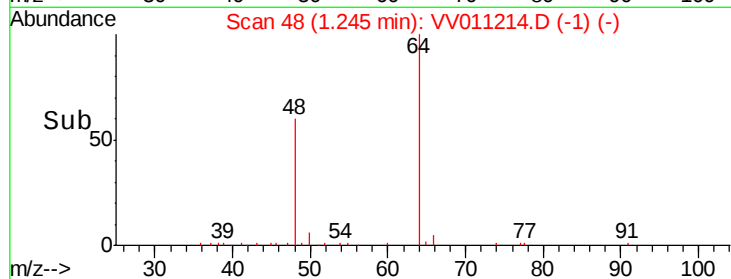
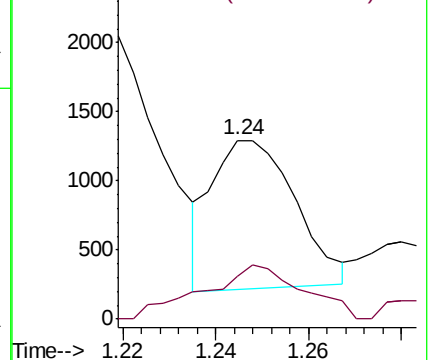
50 100

52 23.9 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.099 ug/L

RT: 1.67 min Scan# 181

Delta R.T. 0.08 min

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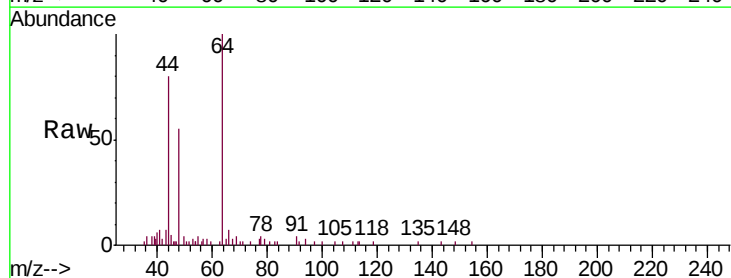
Acq: 04 Jun 2019 19:13

Tgt Ion: 64 Resp: 972

Ion Ratio Lower Upper

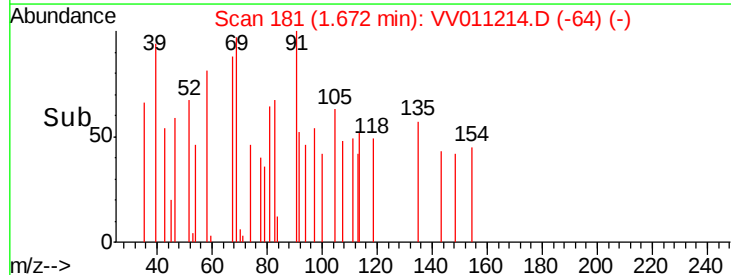
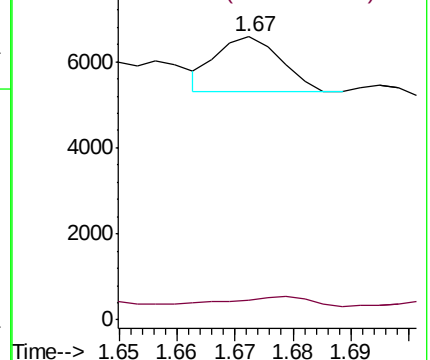
64 100

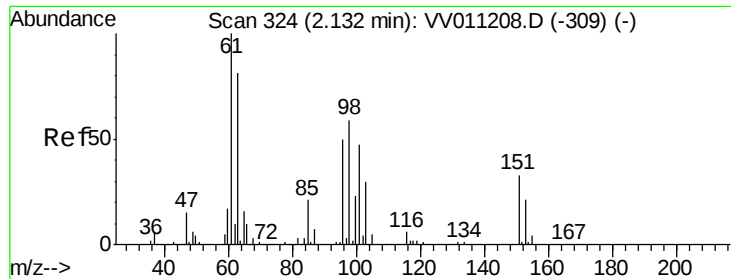
66 6.8 19.4 36.0#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#10

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

Concen: 0.086 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

C0BP8

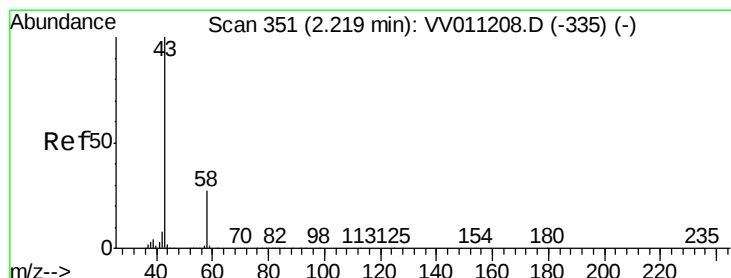
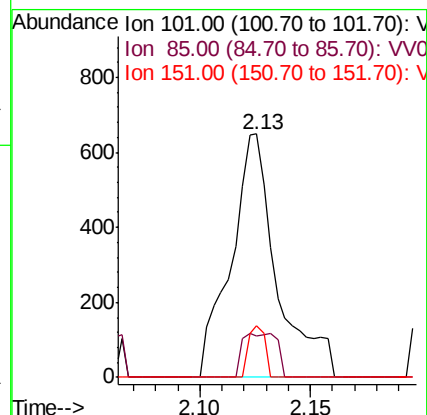
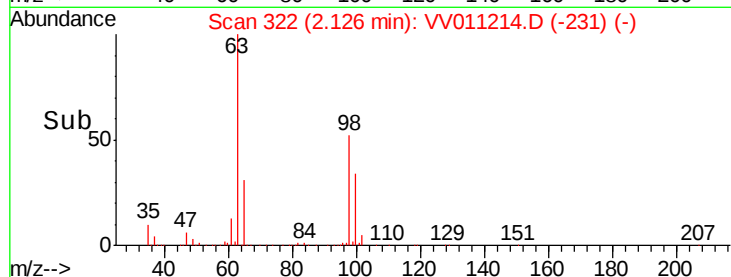
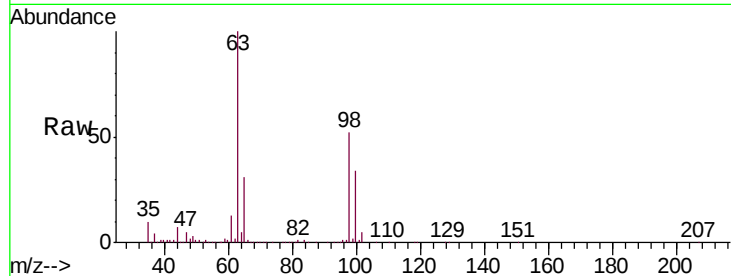
Tgt Ion:101 Resp: 940

Ion Ratio Lower Upper

101 100

85 13.7 35.5 53.3#

151 7.7 56.9 85.3#



#13

Acetone

Concen: 5.556 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.02 min

Lab File: VV011214.D

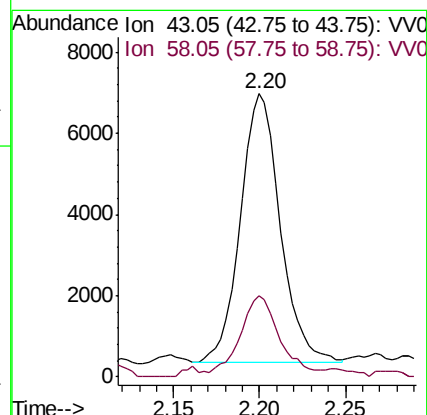
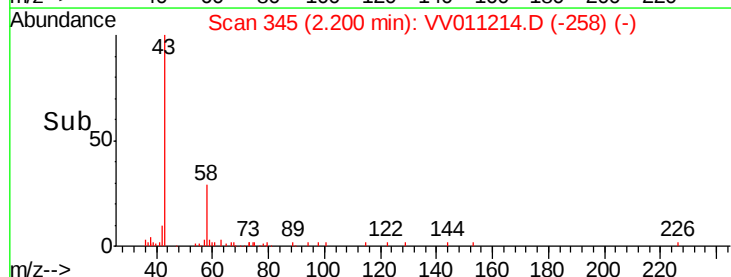
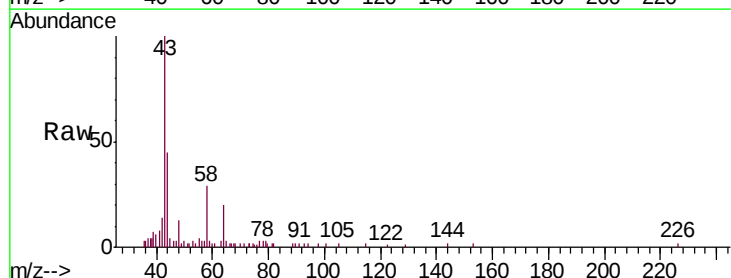
Acq: 04 Jun 2019 19:13

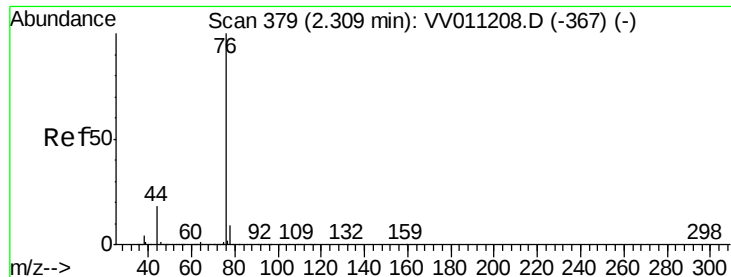
Tgt Ion: 43 Resp: 10660

Ion Ratio Lower Upper

43 100

58 25.9 0.0 55.2

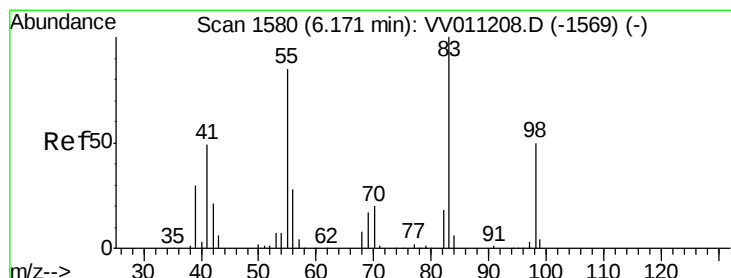
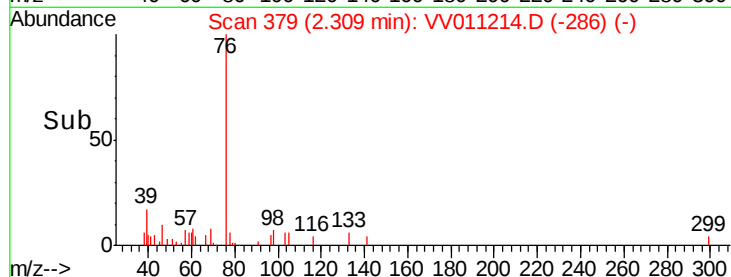
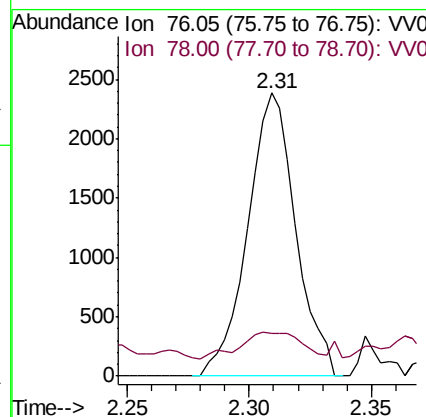
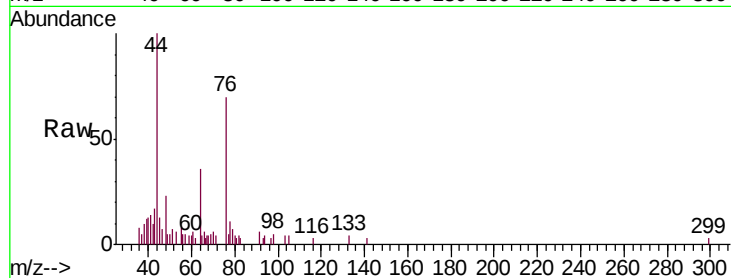




#14
Carbon disulfide
Concen: 0.101 ug/L
RT: 2.31 min Scan# 379
Delta R.T. -0.00 min
Lab File: VV011214.D
Acq: 04 Jun 2019 19:13

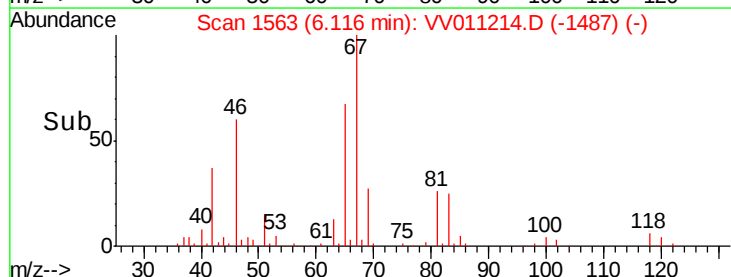
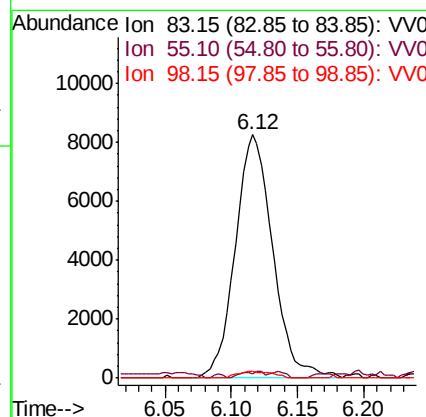
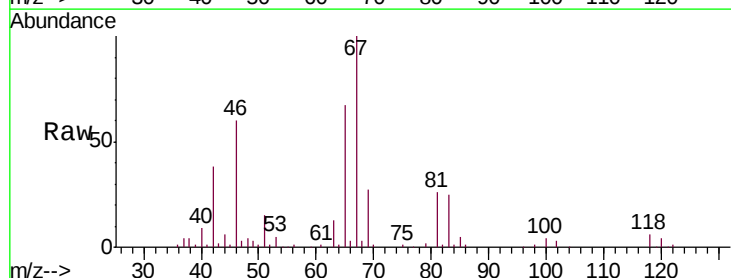
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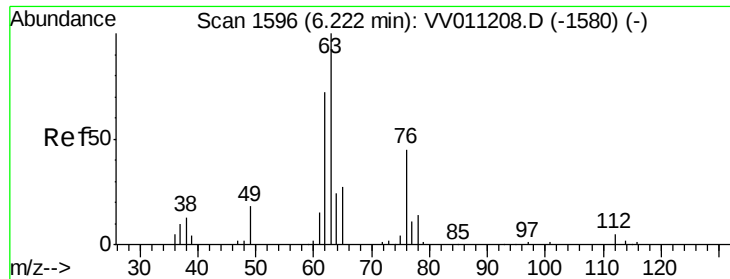
Tgt Ion: 76 Resp: 3247
Ion Ratio Lower Upper
76 100
78 15.3 7.3 10.9#



#35
Methylcyclohexane
Concen: 0.787 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011214.D
Acq: 04 Jun 2019 19:13

Tgt Ion: 83 Resp: 16238
Ion Ratio Lower Upper
83 100
55 1.6 67.0 100.6#
98 2.6 40.0 60.0#

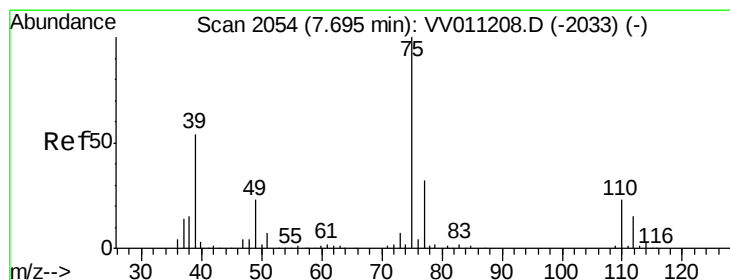
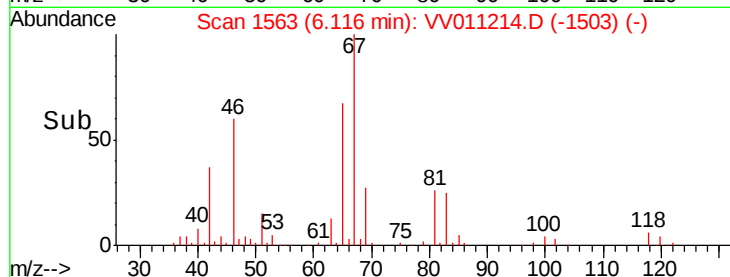
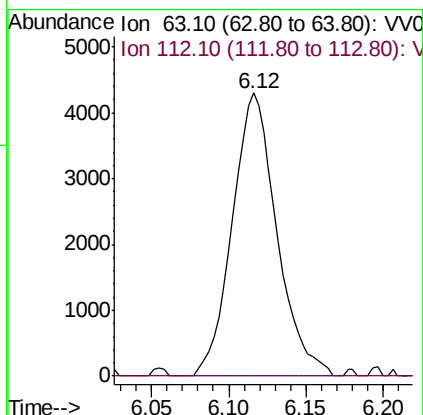
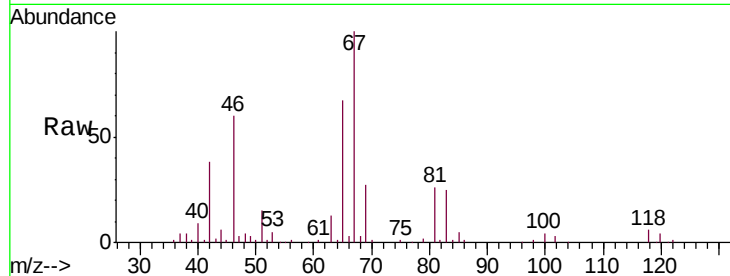




#37
 1,2-Dichloropropane
 Concen: 0.715 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.11 min
 Lab File: VV011214.D
 Acq: 04 Jun 2019 19:13

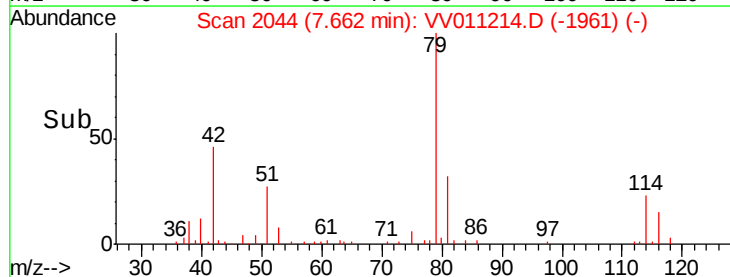
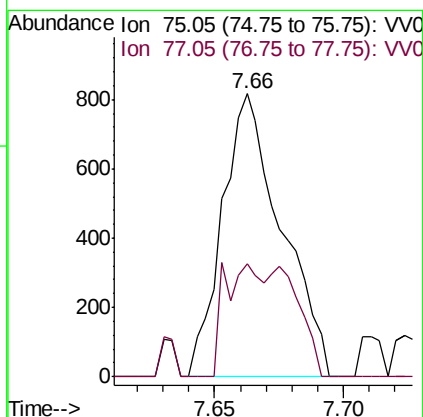
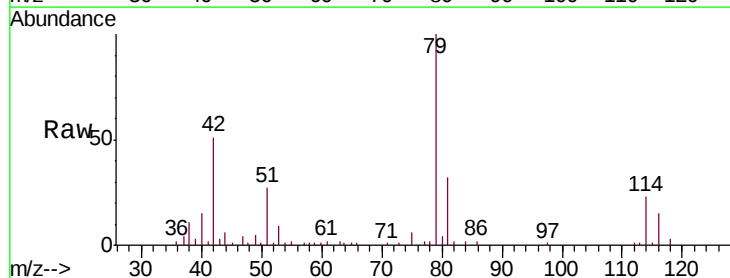
Instrument :
 MSVOA_V
 ClientSampleId :
 C0BP8

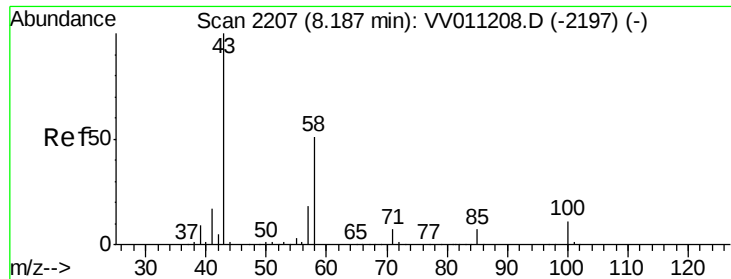
Tgt Ion: 63 Resp: 8590
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV011214.D
 Acq: 04 Jun 2019 19:13

Tgt Ion: 75 Resp: 1306
 Ion Ratio Lower Upper
 75 100
 77 40.0 23.1 42.9





#48

2-Hexanone

Concen: 3.101 ug/L

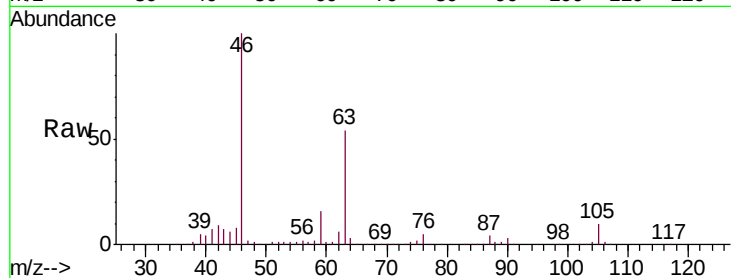
RT: 8.14 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV011214.D

Acq: 04 Jun 2019 19:13

Instrument :
MSVOA_V
ClientSampleId :
C0BP8



Tgt Ion:	43	Resp:	16548
Ion	Ratio	Lower	Upper
43	100		
58	27.5	41.4	62.0#
57	21.0	15.0	22.4
100	0.0	9.0	13.4#

