

Data File : VV011292.D
Acq On : 07 Jun 2019 17:10
Operator : SY/MD
Sample : K3197-12RE
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P56

Quant Time: Jun 08 00:44:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 08 00:40:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	161749	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	145863	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	62887	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	45975	3.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.00%
7) Chloroethane-d5	1.58	69	40248	3.95	ug/L	0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.00%
11) 1,1-Dichloroethene-d2	2.12	63	78617	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	3.98	46	115906	42.01	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.02%
24) Chloroform-d	4.40	84	95481	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.08	65	50500	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.09	84	191581	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.12	67	59917	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.36	98	166513	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	7.67	79	17158	3.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.00%
46) 2-Hexanone-d5	8.14	63	99826	46.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.24%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39956	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	57084	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

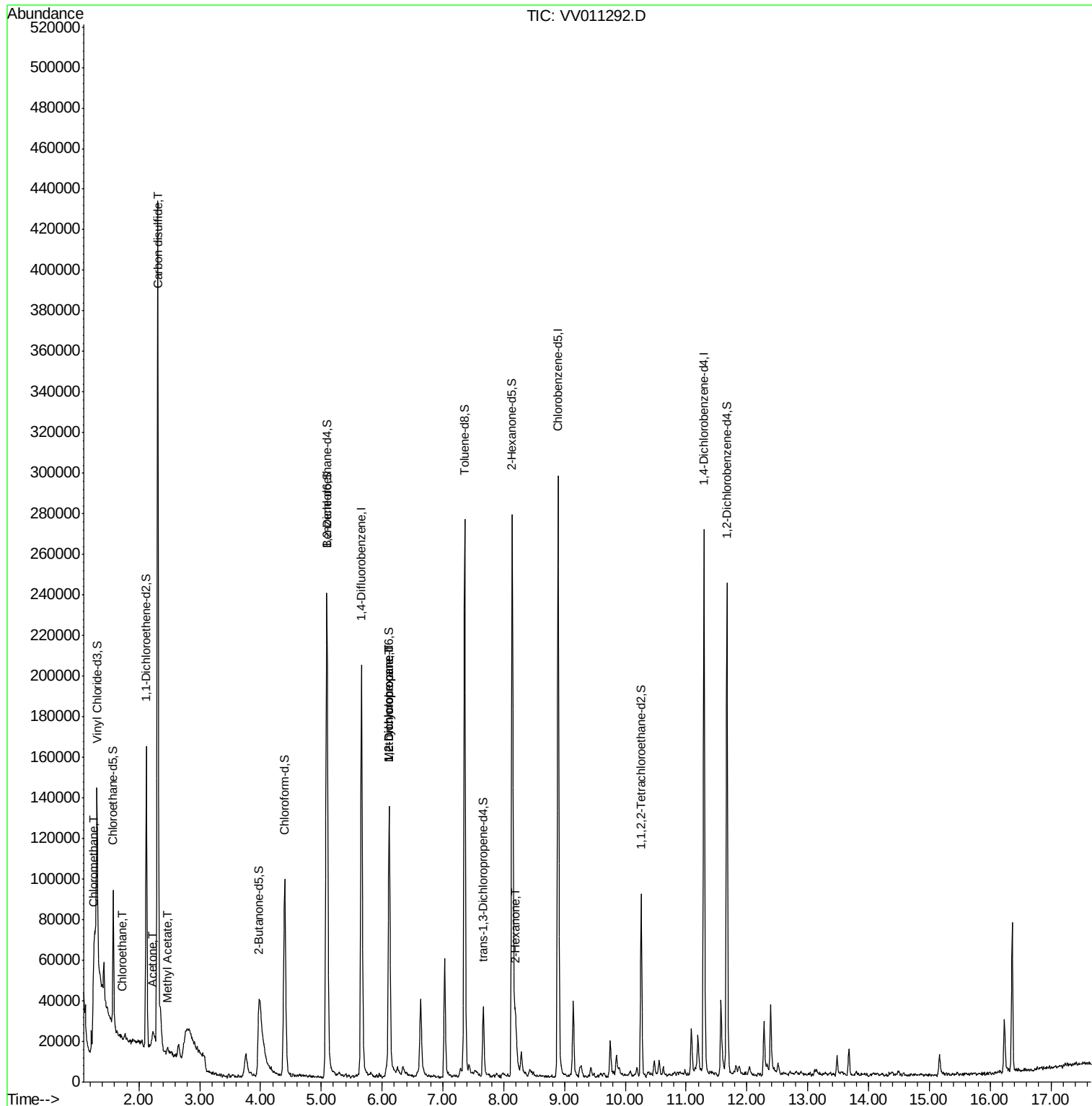
					Qvalue
3) Chloromethane	1.25	50	1867	0.121 ug/L #	80
8) Chloroethane	1.72	64	2117	0.223 ug/L #	58
13) Acetone	2.24	43	30239	16.345 ug/L	84
14) Carbon disulfide	2.31	76	445361	14.407 ug/L	99
15) Methyl Acetate	2.48	43	4502	0.916 ug/L #	75
35) Methylcyclohexane	6.12	83	14440	0.728 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	7682	0.665 ug/L #	88
48) 2-Hexanone	8.19	43	17038	3.321 ug/L #	88

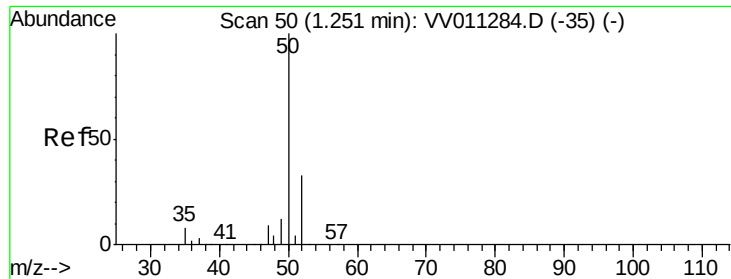
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.121 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

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Acq: 07 Jun 2019 17:10

Instrument :

MSVOA_V

ClientSampleId :

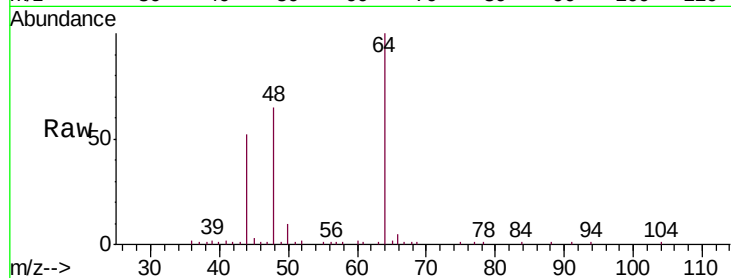
F9P56

Tgt Ion: 50 Resp: 1867

Ion Ratio Lower Upper

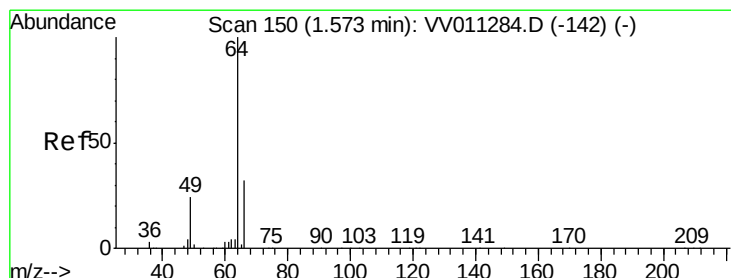
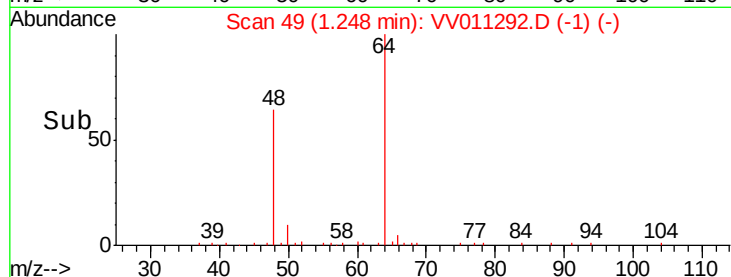
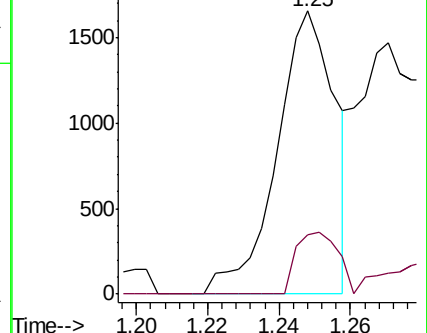
50 100

52 21.0 22.3 41.5#



Abundance Ion 50.05 (49.75 to 50.75): VV011284.D (-35) (-)

Ion 52.05 (51.75 to 52.75): VV011284.D (-35) (-)



#8

Chloroethane

Concen: 0.223 ug/L

RT: 1.72 min Scan# 195

Delta R.T. 0.14 min

Lab File: VV011292.D

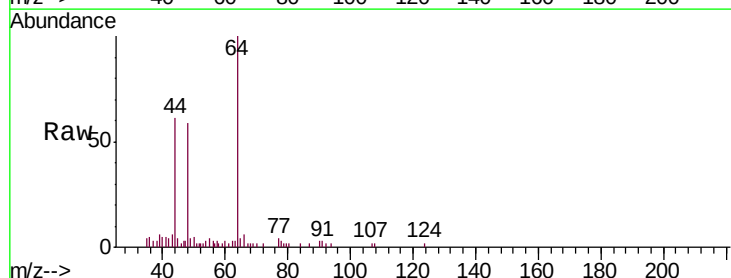
Acq: 07 Jun 2019 17:10

Tgt Ion: 64 Resp: 2117

Ion Ratio Lower Upper

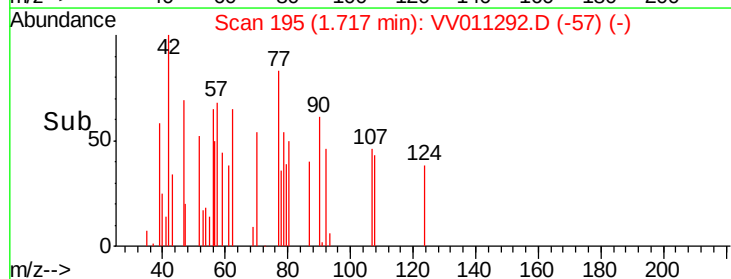
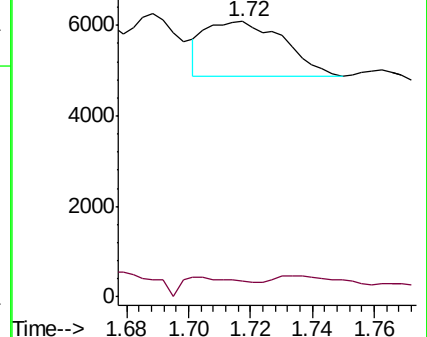
64 100

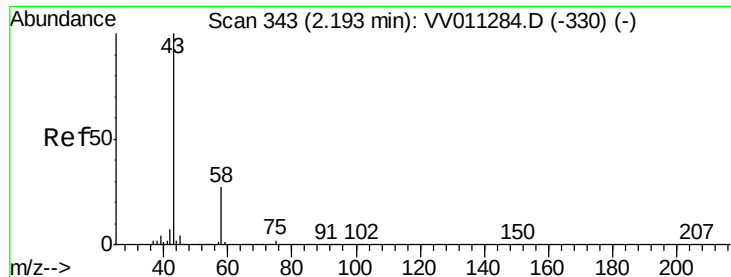
66 5.9 19.4 36.0#



Abundance Ion 64.10 (63.80 to 64.80): VV011284.D (-142) (-)

Ion 66.05 (65.75 to 66.75): VV011284.D (-142) (-)





#13

Acetone

Concen: 16.345 ug/L

RT: 2.24 min Scan# 356

Delta R.T. 0.04 min

Lab File: VV011292.D

Acq: 07 Jun 2019 17:10

Instrument :

MSVOA_V

ClientSampleId :

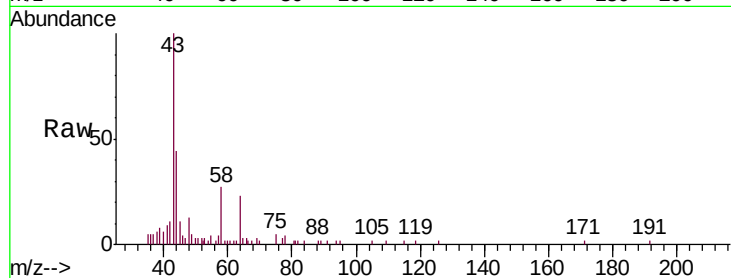
F9P56

Tgt Ion: 43 Resp: 30239

Ion Ratio Lower Upper

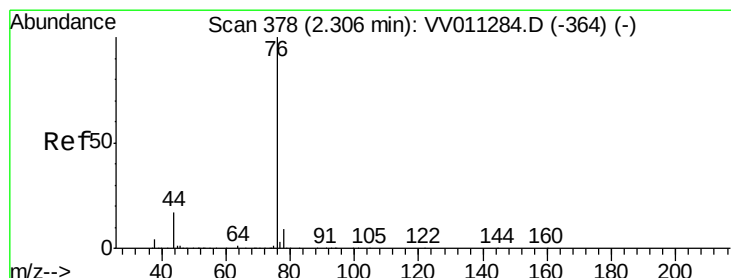
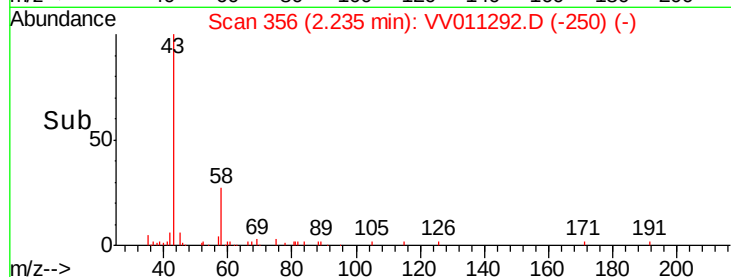
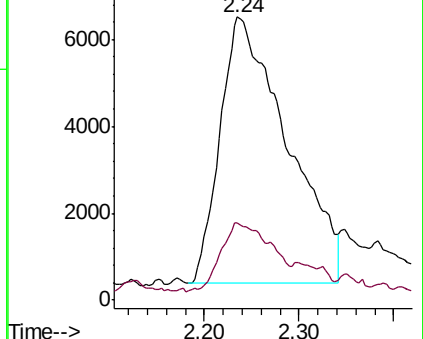
43 100

58 19.2 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV011292.D (-356) (-)

Ion 58.05 (57.75 to 58.75): VV011292.D (-356) (-)



#14

Carbon disulfide

Concen: 14.407 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV011292.D

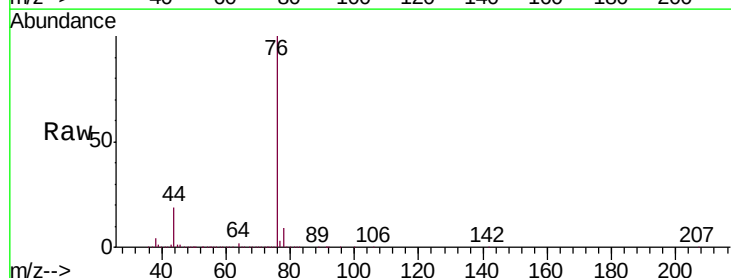
Acq: 07 Jun 2019 17:10

Tgt Ion: 76 Resp: 445361

Ion Ratio Lower Upper

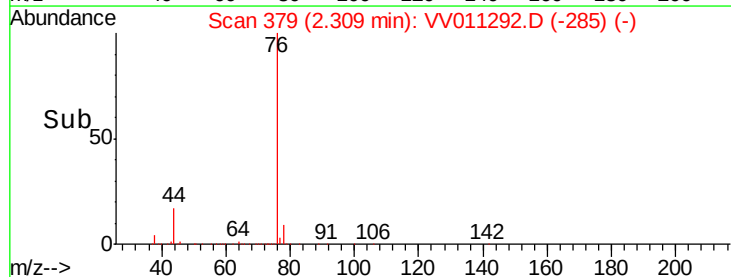
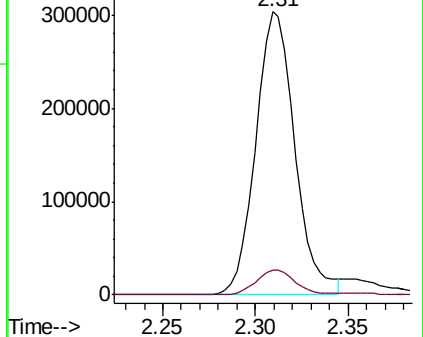
76 100

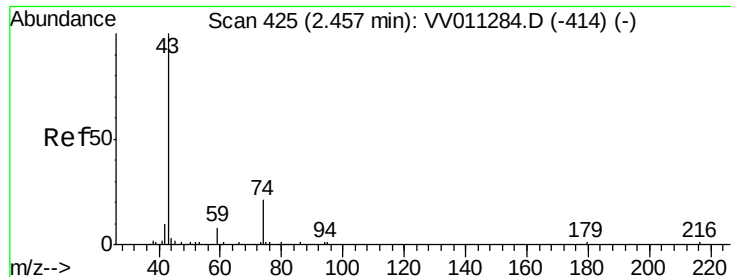
78 8.8 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV011292.D (-379) (-)

Ion 78.00 (77.70 to 78.70): VV011292.D (-379) (-)

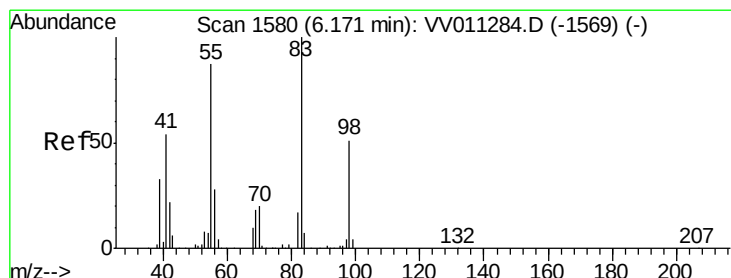
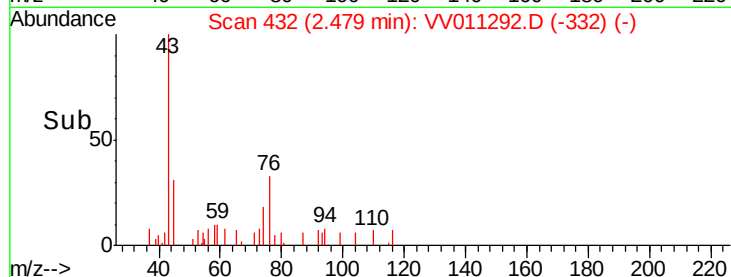
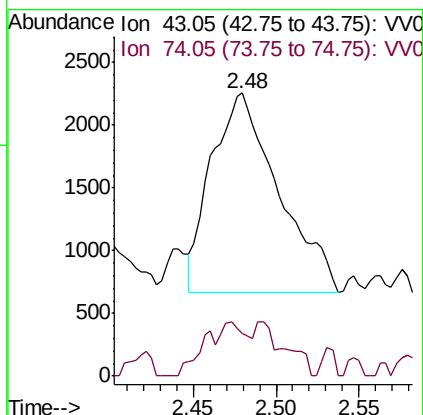
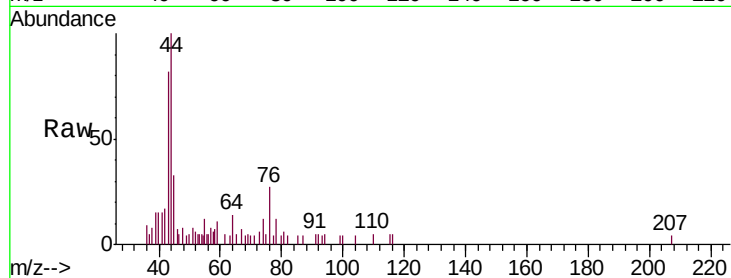




#15
Methyl Acetate
Concen: 0.916 ug/L
RT: 2.48 min Scan# 432
Delta R.T. 0.02 min
Lab File: VV011292.D
Acq: 07 Jun 2019 17:10

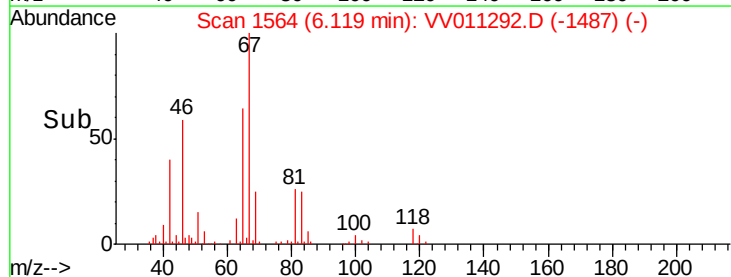
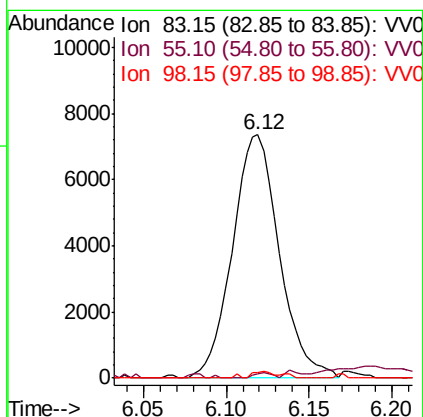
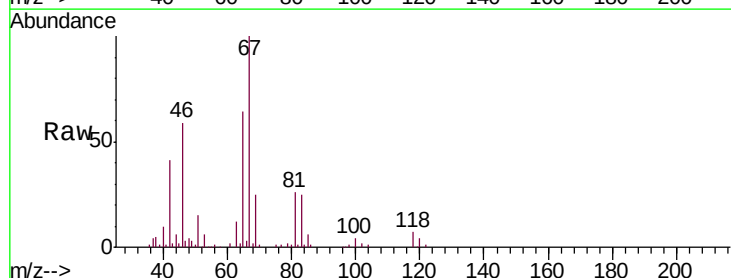
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ClientSampled :
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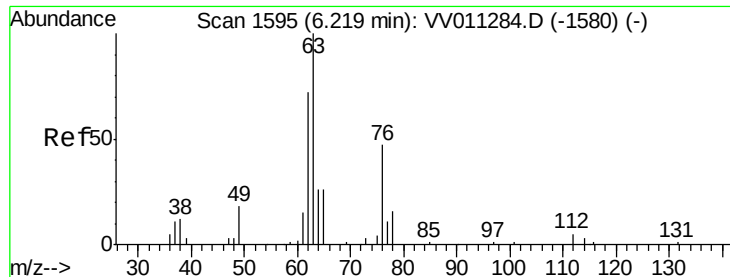
Tgt Ion: 43 Resp: 4502
Ion Ratio Lower Upper
43 100
74 10.8 18.5 27.7#



#35
Methylcyclohexane
Concen: 0.728 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011292.D
Acq: 07 Jun 2019 17:10

Tgt Ion: 83 Resp: 14440
Ion Ratio Lower Upper
83 100
55 0.9 67.0 100.6#
98 1.6 40.0 60.0#

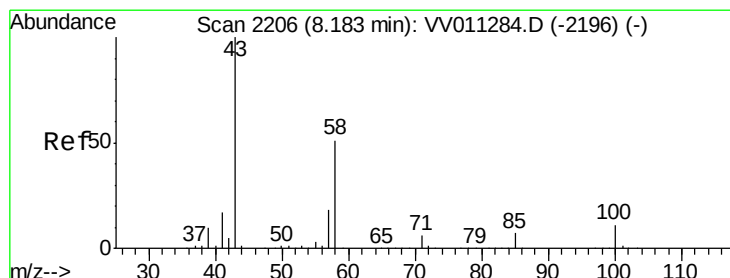
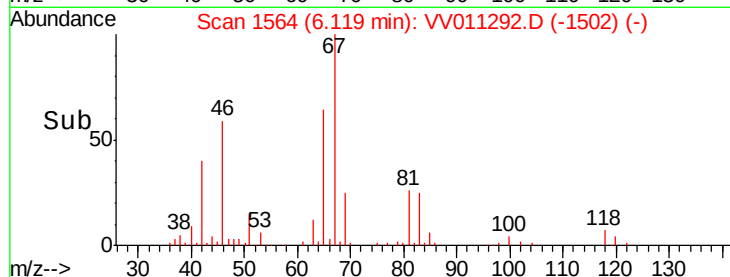
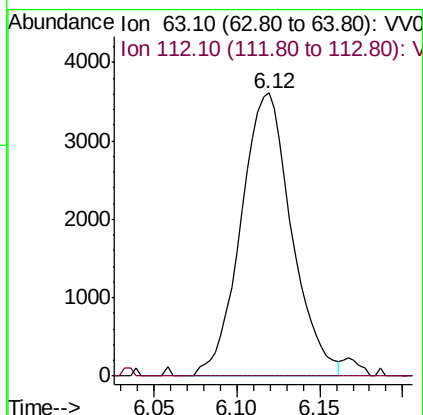
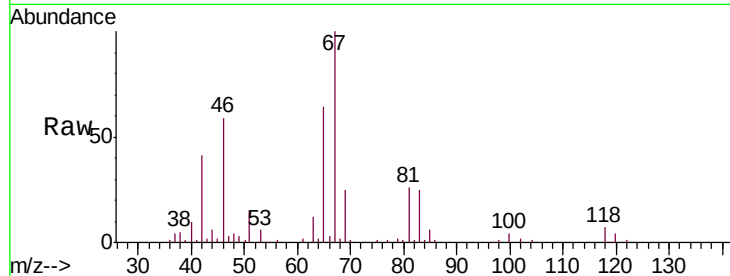




#37
 1,2-Dichloropropane
 Concen: 0.665 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV011292.D
 Acq: 07 Jun 2019 17:10

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P56

Tgt Ion: 63 Resp: 7682
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.6 5.4#



#48
 2-Hexanone
 Concen: 3.321 ug/L
 RT: 8.19 min Scan# 2209
 Delta R.T. 0.01 min
 Lab File: VV011292.D
 Acq: 07 Jun 2019 17:10

Tgt Ion: 43 Resp: 17038
 Ion Ratio Lower Upper
 43 100
 58 58.8 41.4 62.0
 57 28.1 15.0 22.4#
 100 14.6 9.0 13.4#

