

Data File : VV011314.D
Acq On : 08 Jun 2019 04:51
Operator : SY/MD
Sample : K3228-16
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P60

Quant Time: Jun 08 05:32:17 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	160732	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	144791	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	60895	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	44989	3.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.80%
7) Chloroethane-d5	1.58	69	38706	3.82	ug/L	0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.40%
11) 1,1-Dichloroethene-d2	2.12	63	73684	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	3.98	46	143470	52.32	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.64%
24) Chloroform-d	4.40	84	93700	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.08	65	54681	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.09	84	187566	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
36) 1,2-Dichloropropane-d6	6.12	67	57847	4.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.80%
41) Toluene-d8	7.36	98	164108	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	7.66	79	15565	3.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.20%
46) 2-Hexanone-d5	8.14	63	111950	52.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.20%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	42271	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	54748	4.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.00%

Target Compounds

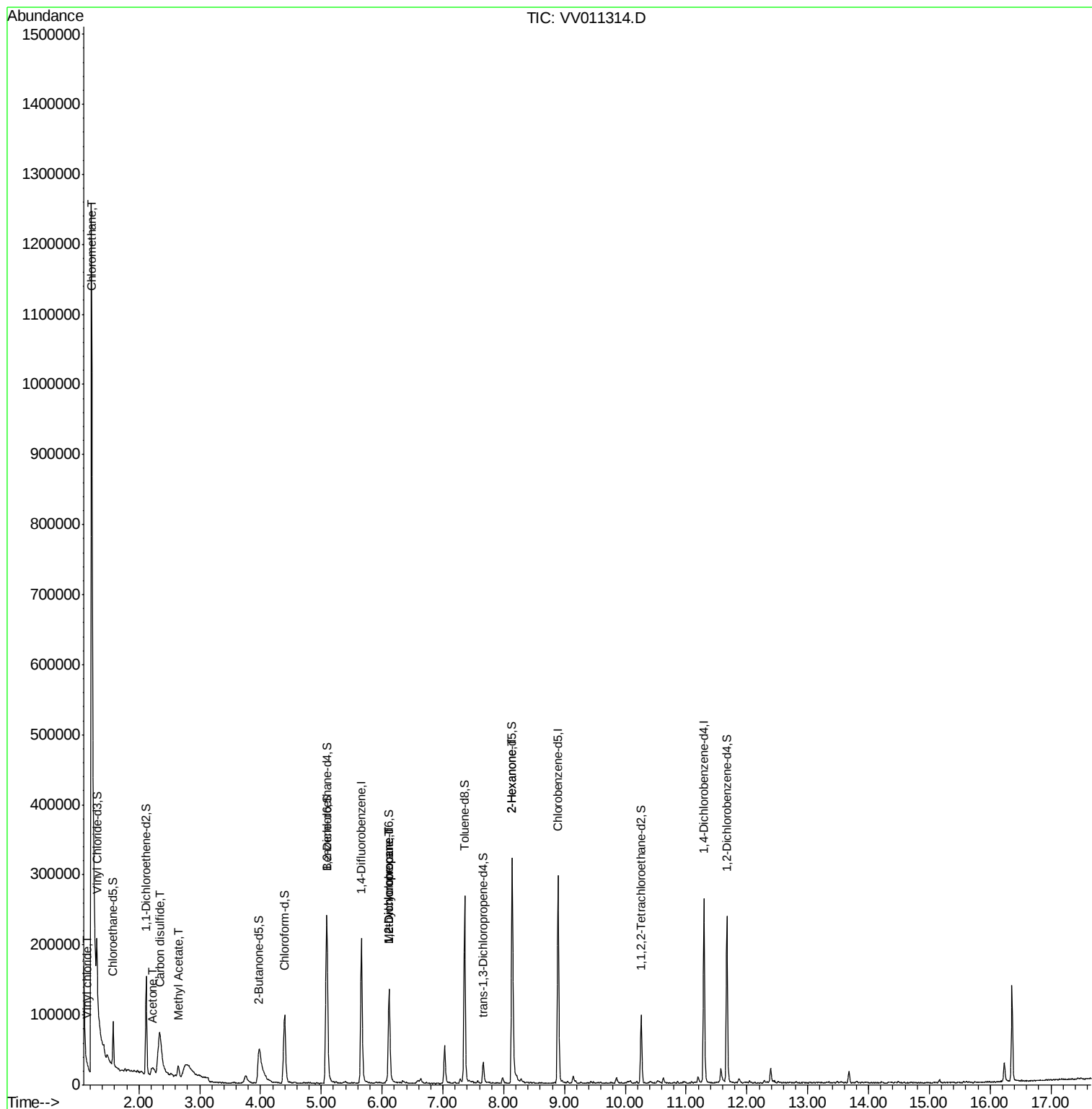
					Qvalue
3) Chloromethane	1.22	50	54314	3.544 ug/L #	45
5) Vinyl chloride	1.16	62	1084	0.073 ug/L	90
13) Acetone	2.23	43	27515	14.967 ug/L	86
14) Carbon disulfide	2.34	76	218970	7.128 ug/L	100
15) Methyl Acetate	2.65	43	1814	0.372 ug/L #	69
35) Methylcyclohexane	6.11	83	14530	0.738 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	7379	0.644 ug/L #	88
48) 2-Hexanone	8.14	43	17793	3.494 ug/L #	70

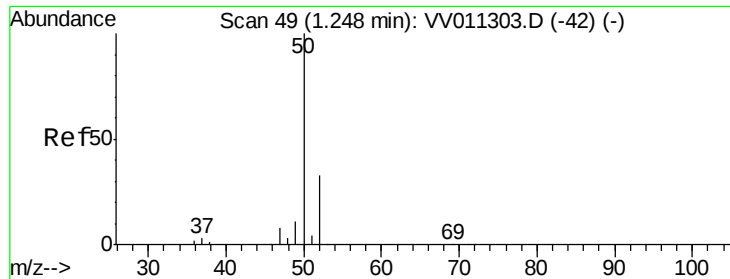
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 3.544 ug/L

RT: 1.22 min Scan# 41

Delta R.T. -0.03 min

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Acq: 08 Jun 2019 04:51

Instrument :

MSVOA_V

ClientSampled :

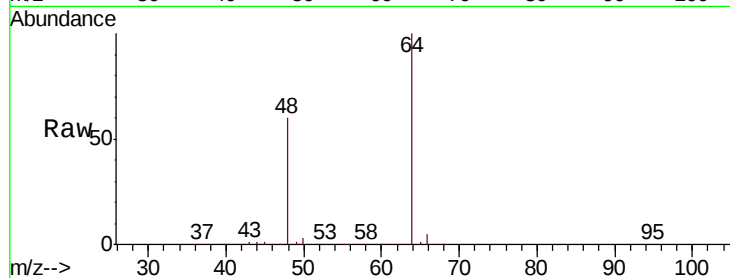
F9P60

Tgt Ion: 50 Resp: 54314

Ion Ratio Lower Upper

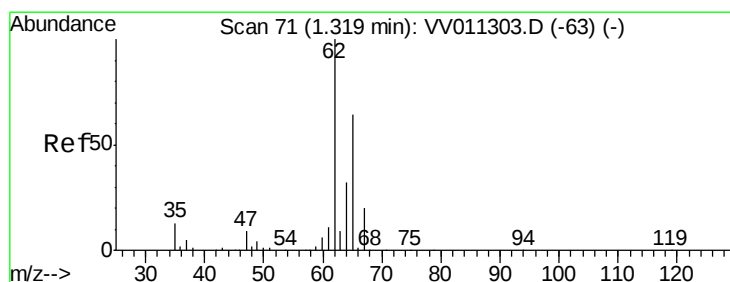
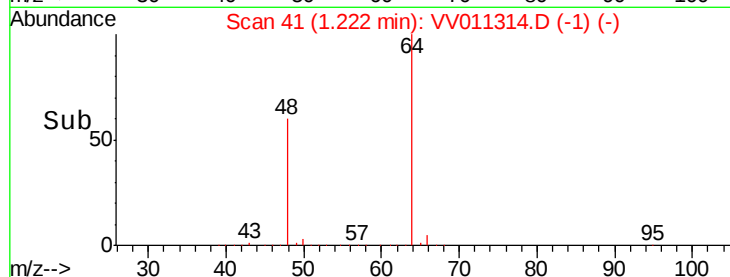
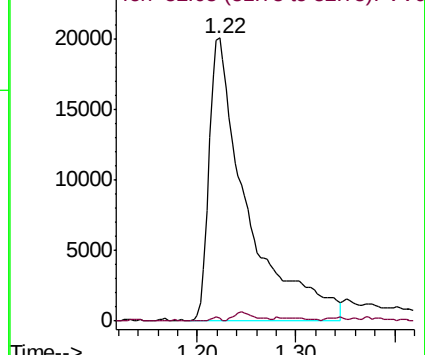
50 100

52 1.1 22.3 41.5#



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#5

Vinyl chloride

Concen: 0.073 ug/L

RT: 1.16 min Scan# 21

Delta R.T. -0.16 min

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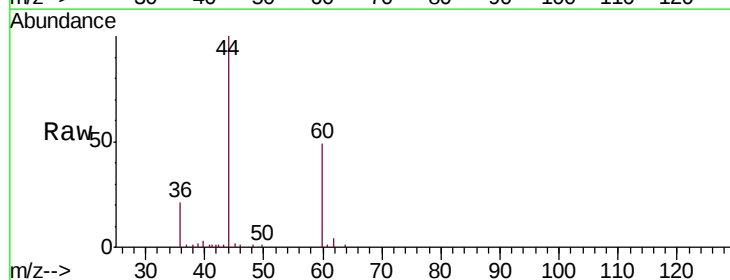
Acq: 08 Jun 2019 04:51

Tgt Ion: 62 Resp: 1084

Ion Ratio Lower Upper

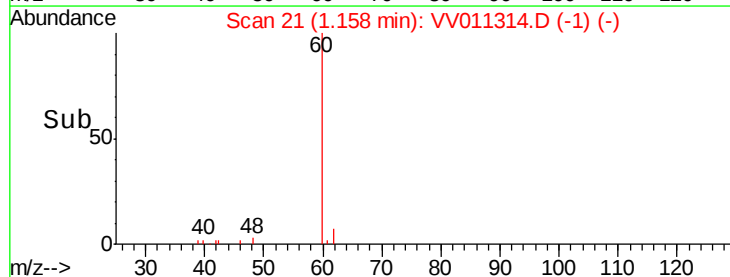
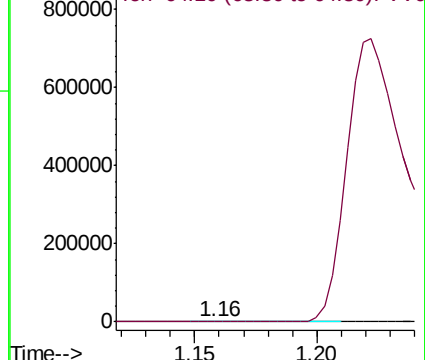
62 100

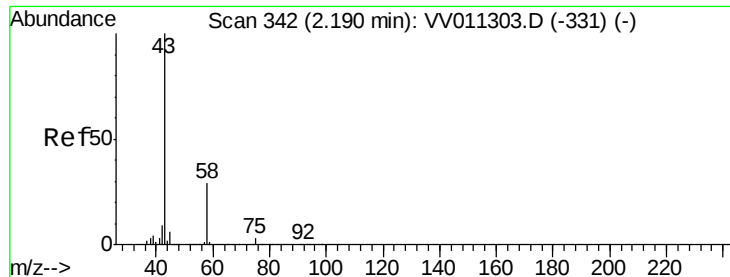
64 31.3 25.9 48.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0





#13

Acetone

Concen: 14.967 ug/L

RT: 2.23 min Scan# 355

Delta R.T. 0.04 min

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Acq: 08 Jun 2019 04:51

Instrument :

MSVOA_V

ClientSampleId :

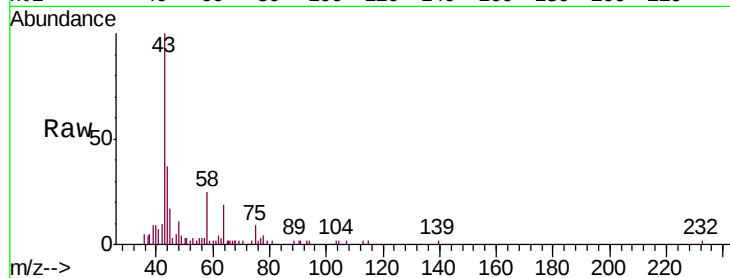
F9P60

Tgt Ion: 43 Resp: 27515

Ion Ratio Lower Upper

43 100

58 20.5 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV011314.D (-355) (-)

Ion 58.05 (57.75 to 58.75): VV011314.D (-355) (-)

2.23

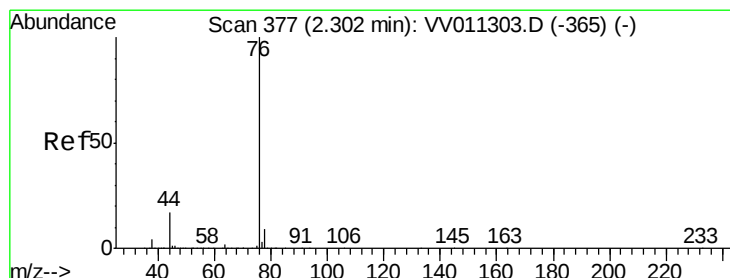
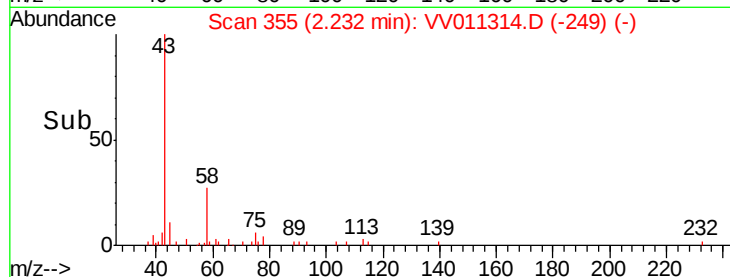
6000

4000

2000

0

Time--> 2.10 2.20 2.30



#14

Carbon disulfide

Concen: 7.128 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.04 min

Lab File: VV011314.D

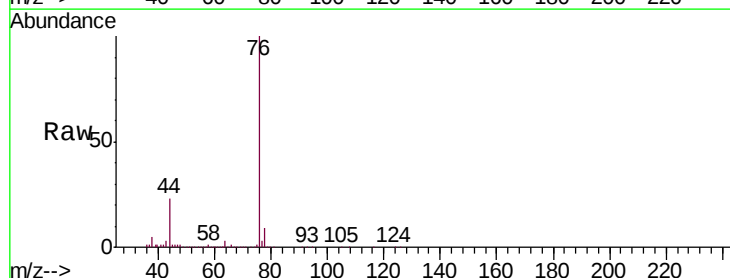
Acq: 08 Jun 2019 04:51

Tgt Ion: 76 Resp: 218970

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV011314.D (-389) (-)

Ion 78.00 (77.70 to 78.70): VV011314.D (-389) (-)

2.34

50000

40000

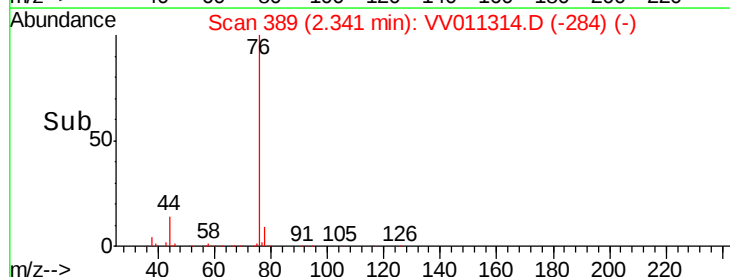
30000

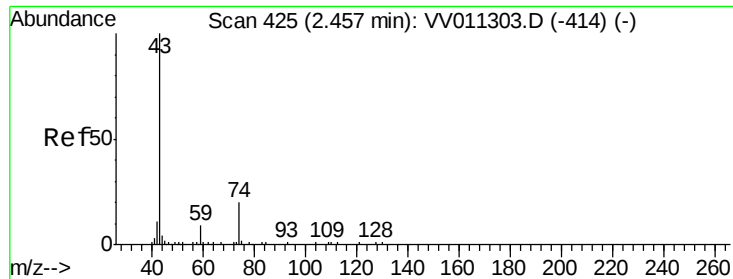
20000

10000

0

Time--> 2.20 2.40 2.60

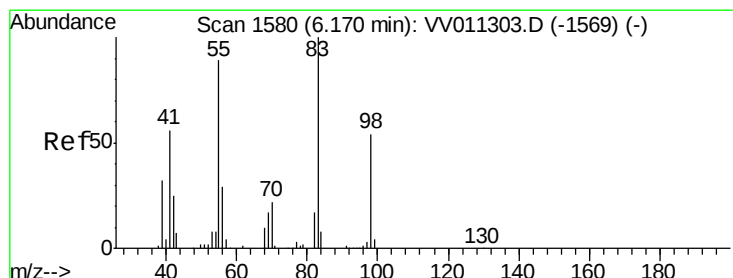
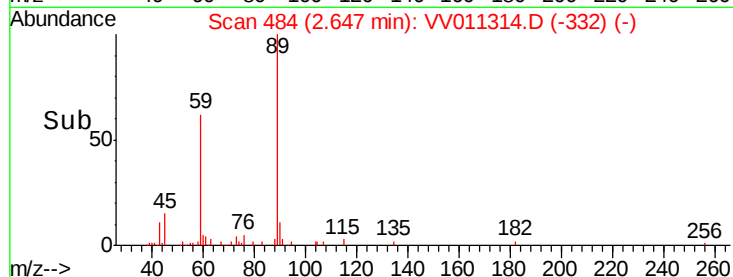
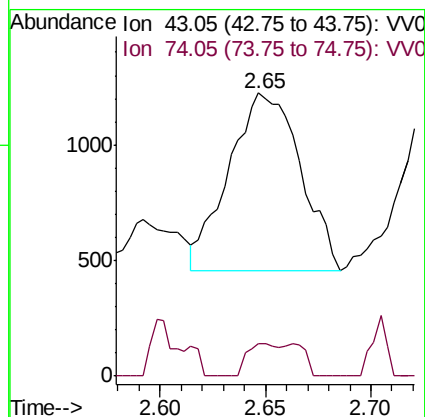
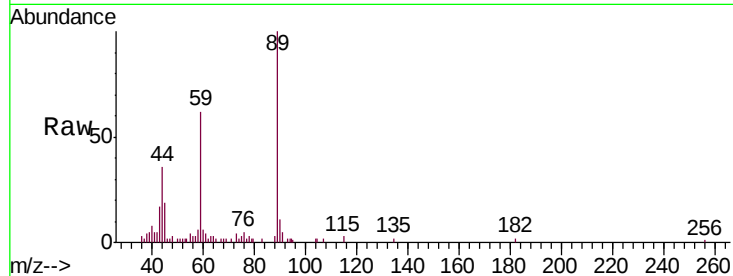




#15
Methyl Acetate
Concen: 0.372 ug/L
RT: 2.65 min Scan# 484
Delta R.T. 0.19 min
Lab File: VV011314.D
Acq: 08 Jun 2019 04:51

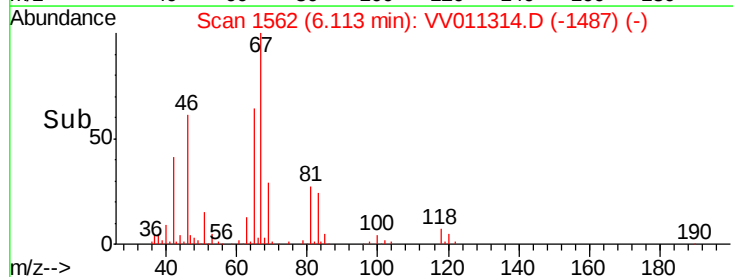
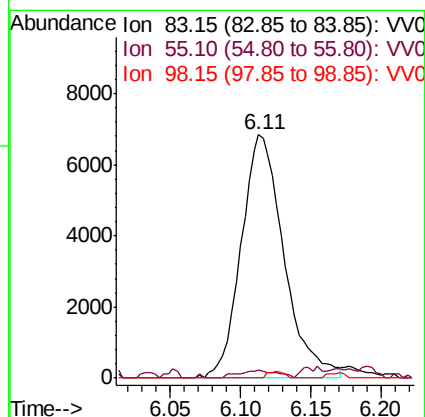
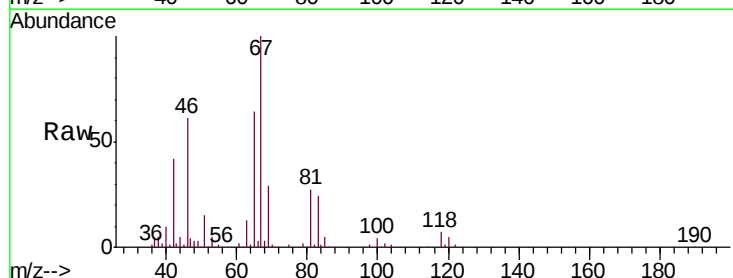
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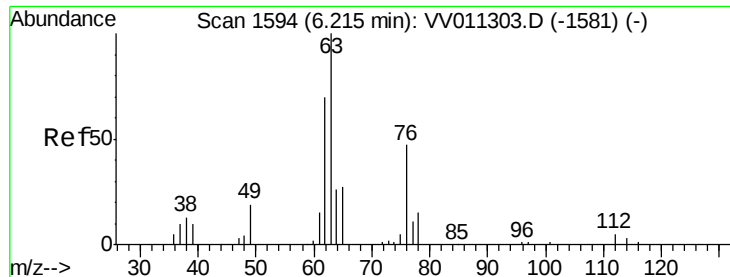
Tgt Ion: 43 Resp: 1814
Ion Ratio Lower Upper
43 100
74 8.0 18.5 27.7#



#35
Methylcyclohexane
Concen: 0.738 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011314.D
Acq: 08 Jun 2019 04:51

Tgt Ion: 83 Resp: 14530
Ion Ratio Lower Upper
83 100
55 3.0 67.0 100.6#
98 1.0 40.0 60.0#

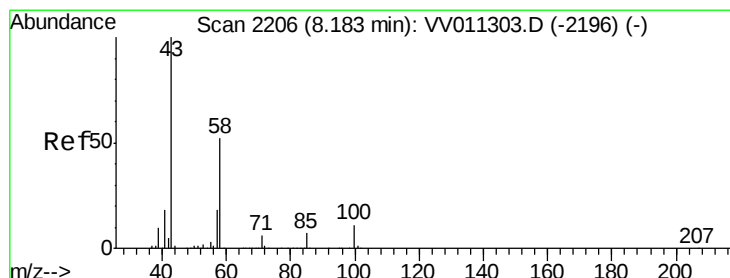
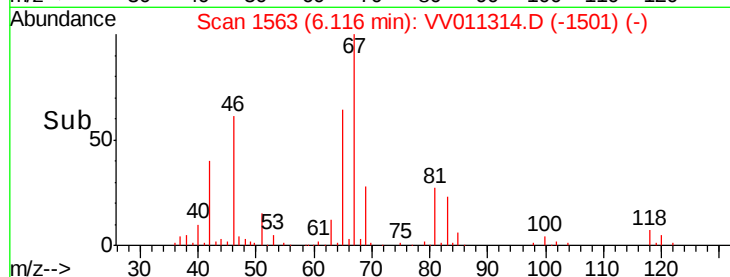
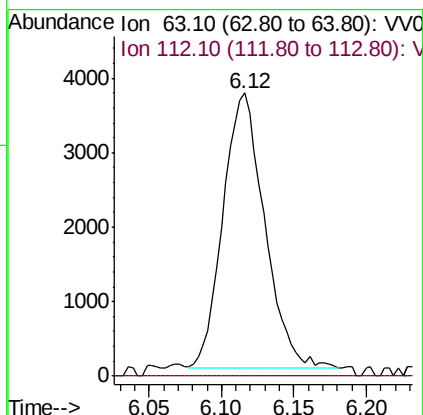
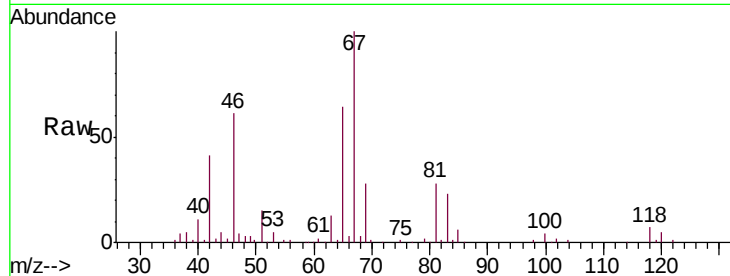




#37
 1,2-Dichloropropane
 Concen: 0.644 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011314.D
 Acq: 08 Jun 2019 04:51

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P60

Tgt Ion: 63 Resp: 7379
 Ion Ratio Lower Upper
 63 100
 112 0.6 3.6 5.4#



#48
 2-Hexanone
 Concen: 3.494 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.04 min
 Lab File: VV011314.D
 Acq: 08 Jun 2019 04:51

Tgt Ion: 43 Resp: 17793
 Ion Ratio Lower Upper
 43 100
 58 25.0 41.4 62.0#
 57 22.5 15.0 22.4#
 100 0.4 9.0 13.4#

