

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062019\
 Data File : VV011619.D
 Acq On : 19 Jun 2019 14:34
 Operator : SY/MD
 Sample : K3415-18
 Misc : 25ML/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GALQ3

Quant Time: Jun 20 02:10:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 20 02:04:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	168026	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	155948	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	63847	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64924	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.55	69	44171	5.49	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.80%
11) 1,1-Dichloroethene-d2	2.12	63	92918	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	3.94	46	158309	44.35	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.70%
24) Chloroform-d	4.40	84	112736	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.08	65	65630	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.09	84	236414	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.12	67	71819	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.36	98	206966	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
43) trans-1,3-Dichloropropene-	7.66	79	21488	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.13	63	113415	39.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.98%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46850	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	68063	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

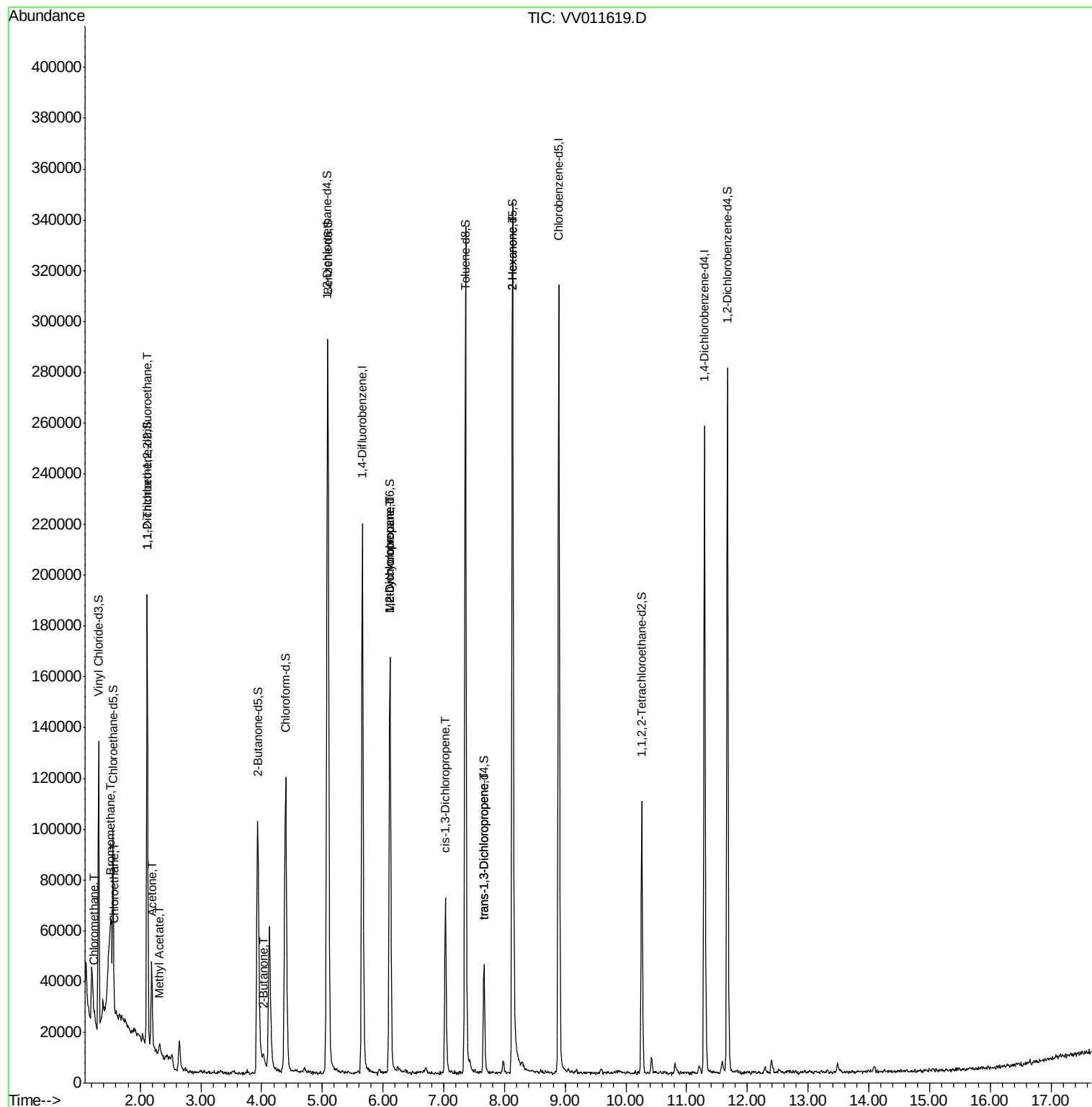
					Qvalue
3) Chloromethane	1.25	50	1968	0.121 ug/L	97
6) Bromomethane	1.51	94	1322	0.197 ug/L	77
8) Chloroethane	1.58	64	656	0.084 ug/L #	55
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	810	0.080 ug/L #	22
13) Acetone	2.19	43	24013	9.982 ug/L	100
15) Methyl Acetate	2.33	43	831	0.130 ug/L #	61
21) 2-Butanone	4.03	43	7632	2.005 ug/L	88
35) Methylcyclohexane	6.11	83	17177	0.927 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	8971	0.662 ug/L #	86
39) cis-1,3-Dichloropropene	7.02	75	1839	0.108 ug/L #	66
44) trans-1,3-Dichloropropene	7.66	75	1168	0.089 ug/L	93
48) 2-Hexanone	8.13	43	15522	2.284 ug/L #	68

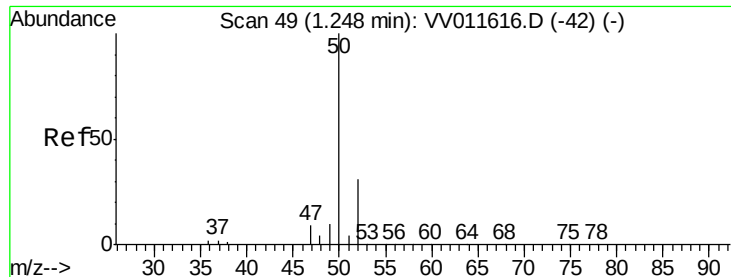
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 20 02:04:09 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.121 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV011619.D

Acq: 19 Jun 2019 14:34

Instrument :

MSVOA_V

ClientSampleId :

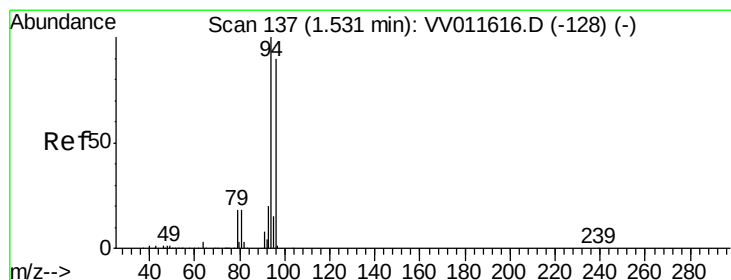
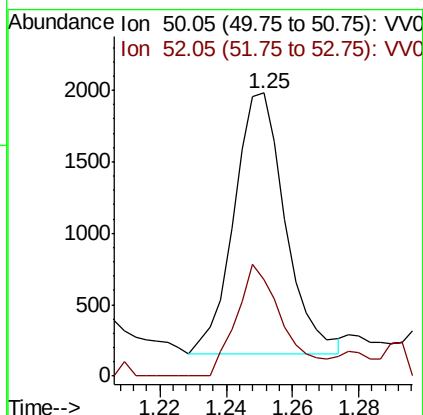
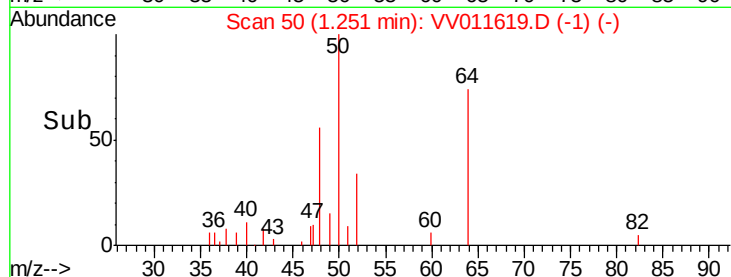
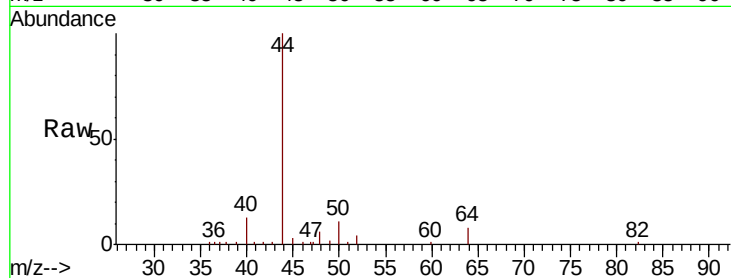
GALQ3

Tgt Ion: 50 Resp: 1968

Ion Ratio Lower Upper

50 100

52 34.3 22.7 42.1



#6

Bromomethane

Concen: 0.197 ug/L

RT: 1.51 min Scan# 131

Delta R.T. -0.02 min

Lab File: VV011619.D

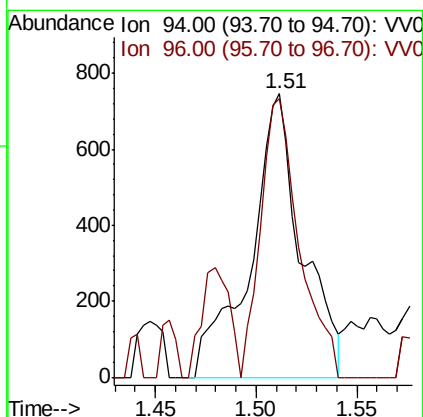
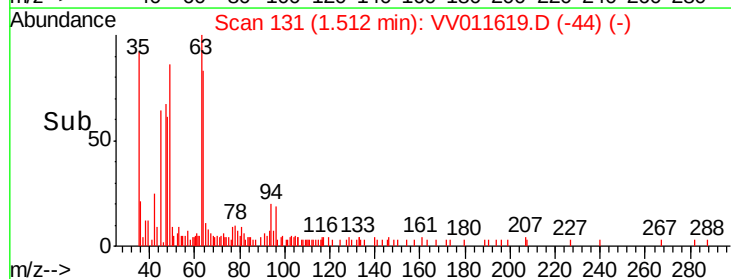
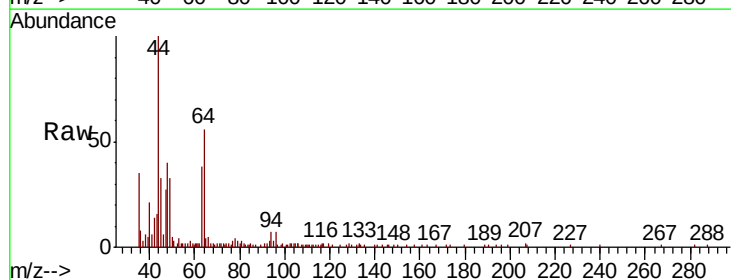
Acq: 19 Jun 2019 14:34

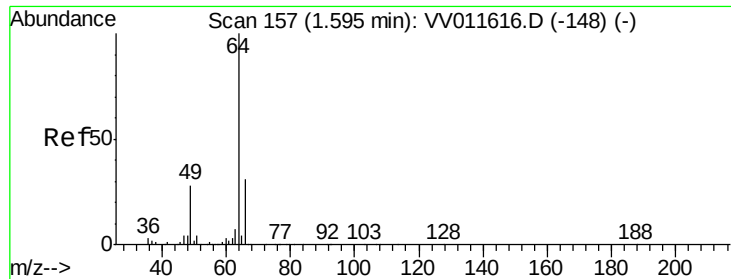
Tgt Ion: 94 Resp: 1322

Ion Ratio Lower Upper

94 100

96 115.3 65.5 121.7





#8

Chloroethane

Concen: 0.084 ug/L

RT: 1.58 min Scan# 151

Delta R.T. -0.02 min

Lab File: VV011619.D

Acq: 19 Jun 2019 14:34

Instrument :

MSVOA_V

ClientSampleId :

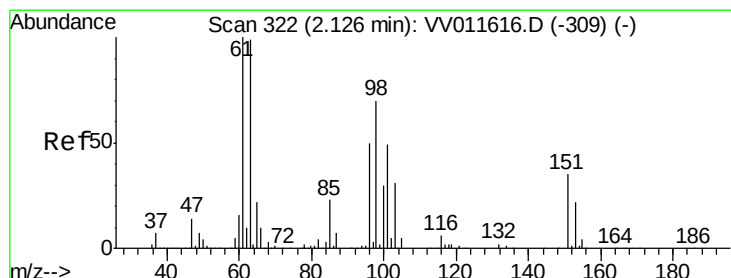
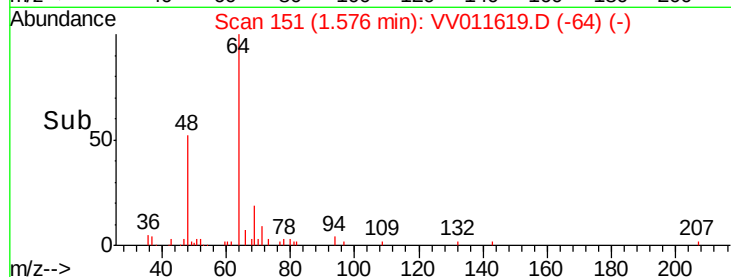
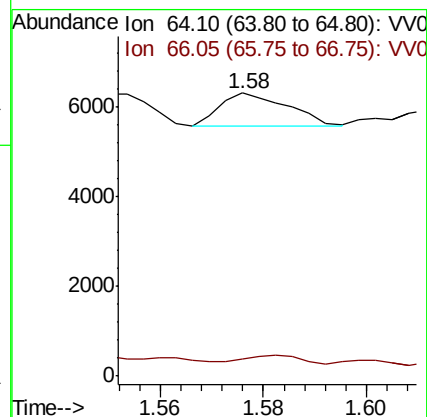
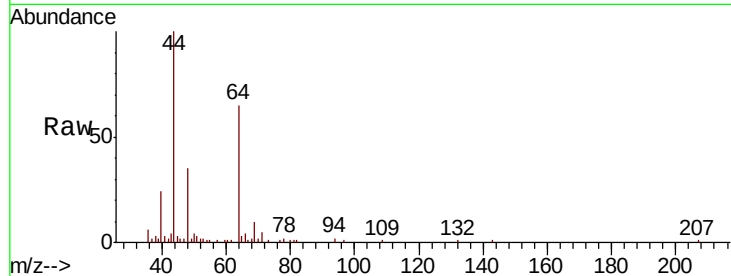
GALQ3

Tgt Ion: 64 Resp: 656

Ion Ratio Lower Upper

64 100

66 6.0 21.6 40.2#



#10

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

Concen: 0.080 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV011619.D

Acq: 19 Jun 2019 14:34

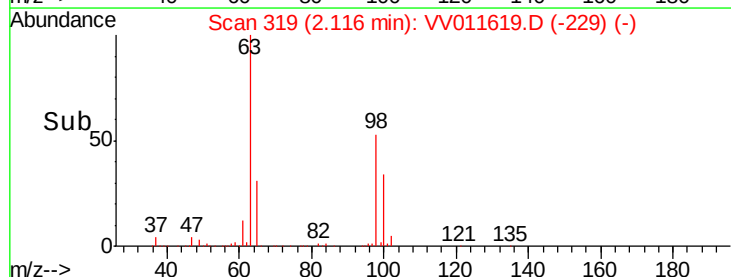
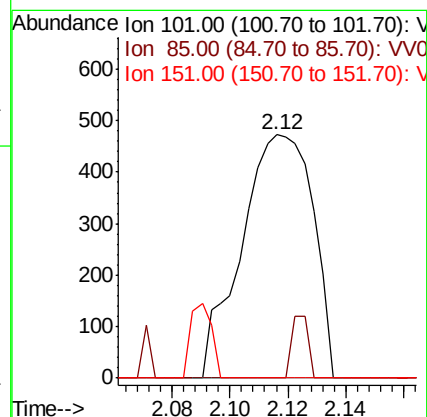
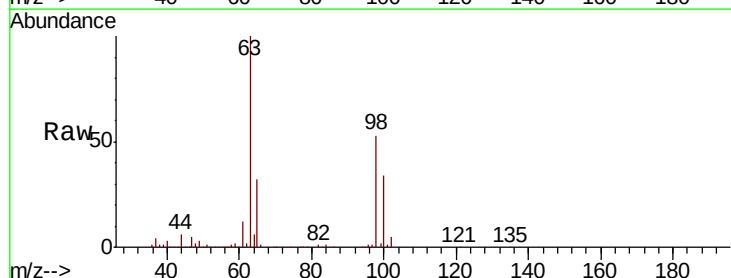
Tgt Ion: 101 Resp: 810

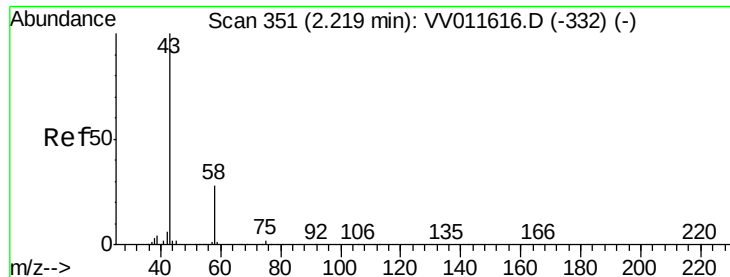
Ion Ratio Lower Upper

101 100

85 5.8 37.3 55.9#

151 0.0 59.4 89.2#





#13

Acetone

Concen: 9.982 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.03 min

Lab File: VV011619.D

Acq: 19 Jun 2019 14:34

Instrument :

MSVOA_V

ClientSampleId :

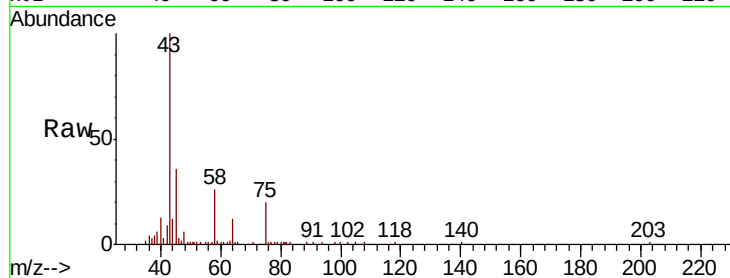
GALQ3

Tgt Ion: 43 Resp: 24013

Ion Ratio Lower Upper

43 100

58 28.8 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.19

15000

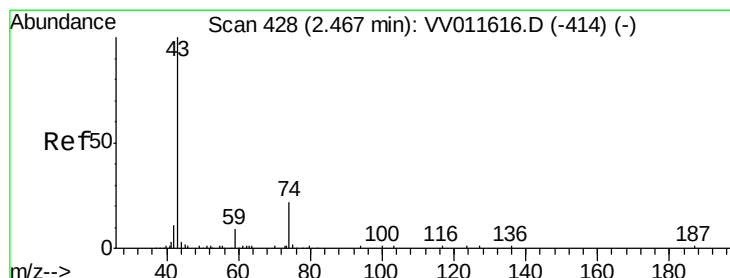
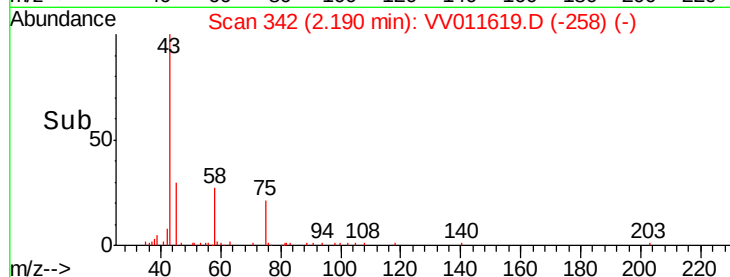
10000

5000

0

2.15 2.20 2.25

Time-->



#15

Methyl Acetate

Concen: 0.130 ug/L

RT: 2.33 min Scan# 384

Delta R.T. -0.14 min

Lab File: VV011619.D

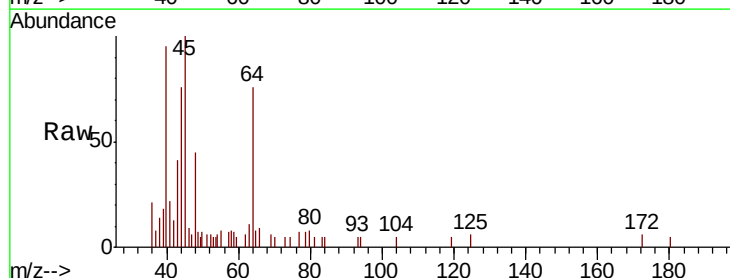
Acq: 19 Jun 2019 14:34

Tgt Ion: 43 Resp: 831

Ion Ratio Lower Upper

43 100

74 2.4 16.5 24.7#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

2.33

800

600

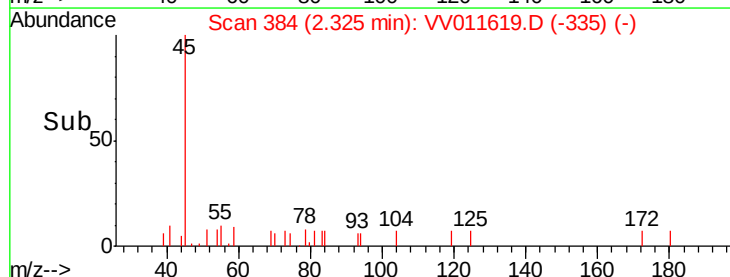
400

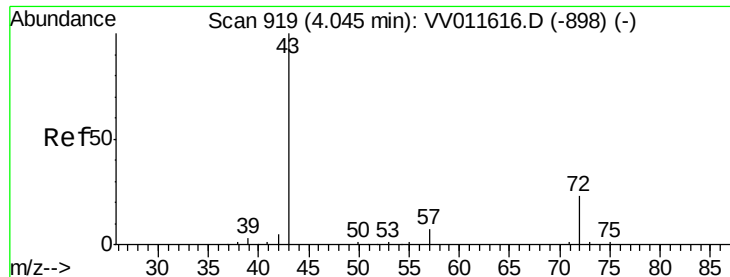
200

0

2.30 2.35

Time-->





#21

2-Butanone

Concen: 2.005 ug/L

RT: 4.03 min Scan# 915

Delta R.T. -0.01 min

Lab File: VV011619.D

Acq: 19 Jun 2019 14:34

Instrument :

MSVOA_V

ClientSampleId :

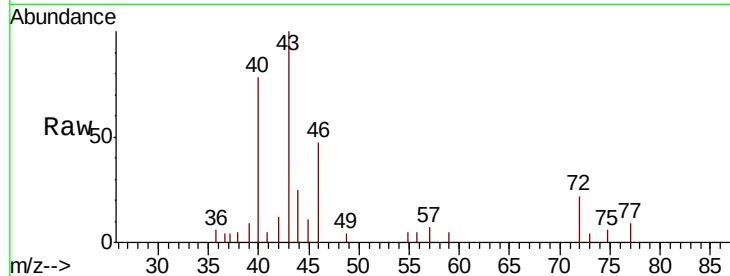
GALQ3

Tgt Ion: 43 Resp: 7632

Ion Ratio Lower Upper

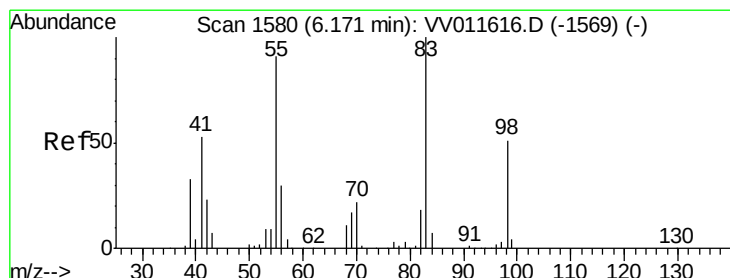
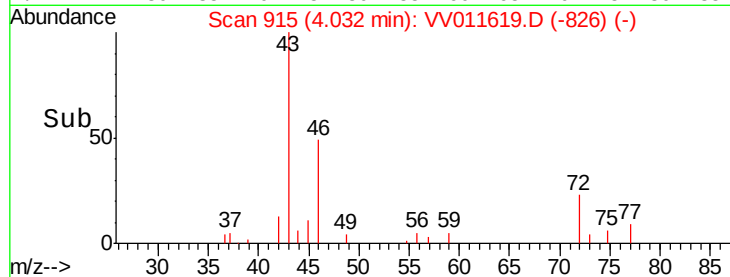
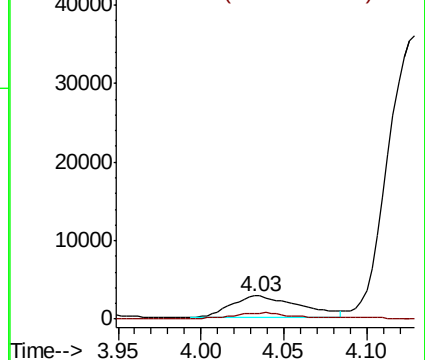
43 100

72 29.3 11.8 35.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



#35

Methylcyclohexane

Concen: 0.927 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV011619.D

Acq: 19 Jun 2019 14:34

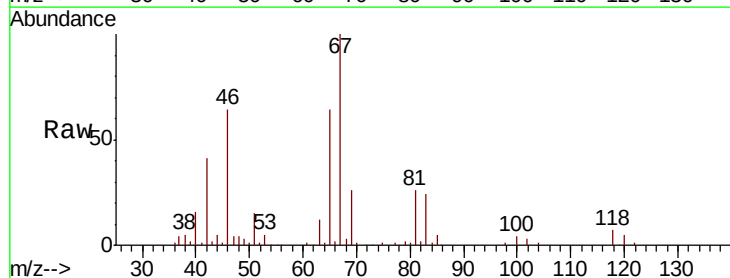
Tgt Ion: 83 Resp: 17177

Ion Ratio Lower Upper

83 100

55 1.4 67.9 101.9#

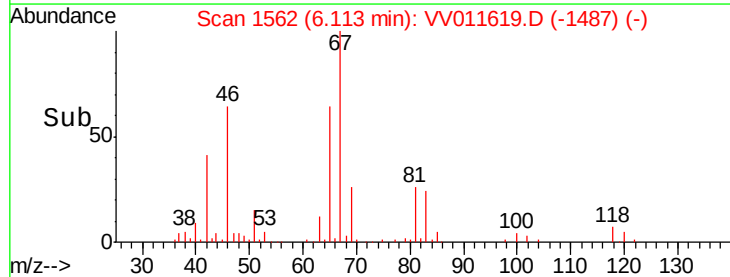
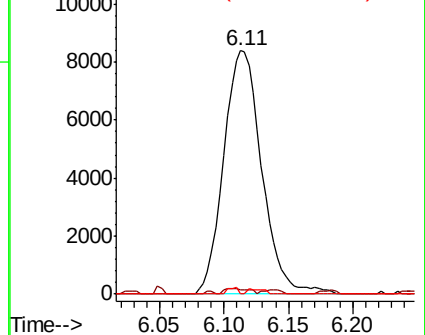
98 0.7 39.6 59.4#

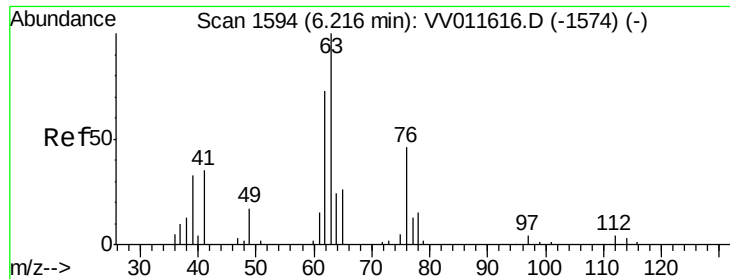


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

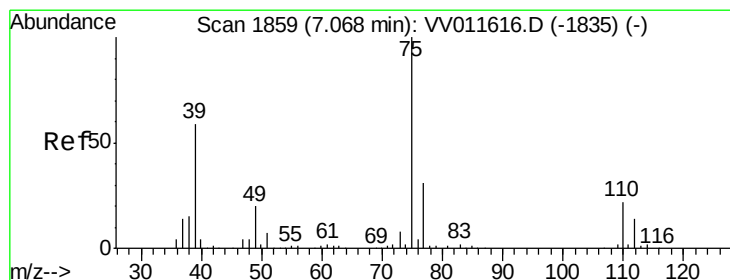
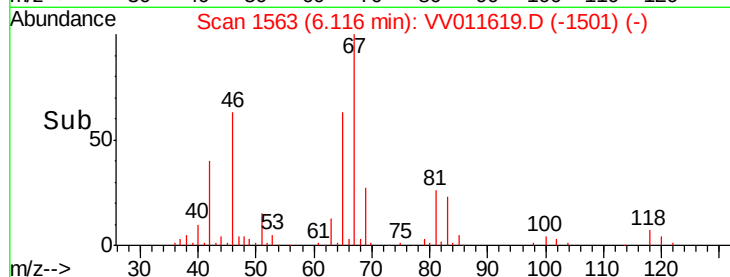
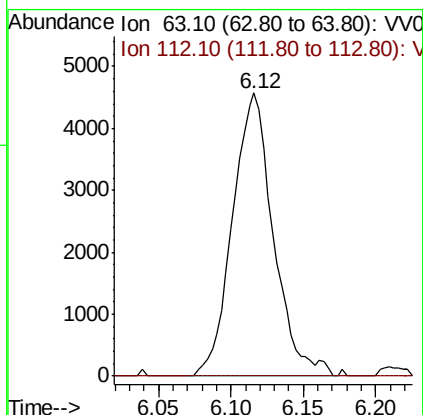
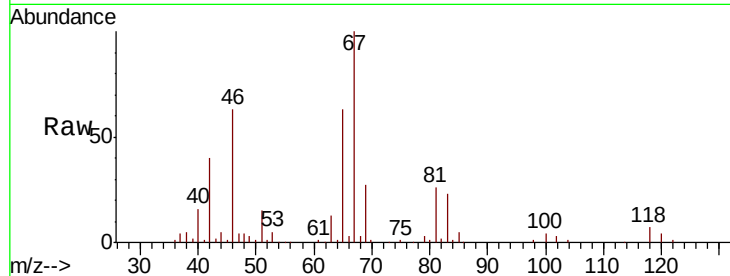




#37
 1,2-Dichloropropane
 Concen: 0.662 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011619.D
 Acq: 19 Jun 2019 14:34

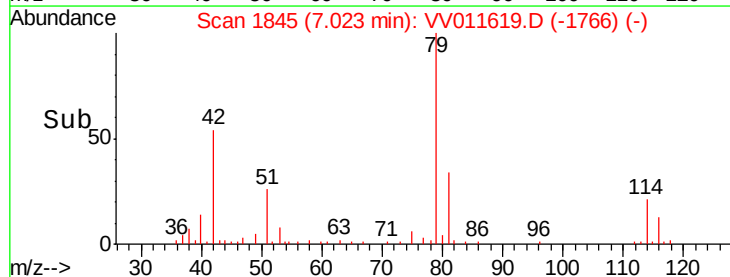
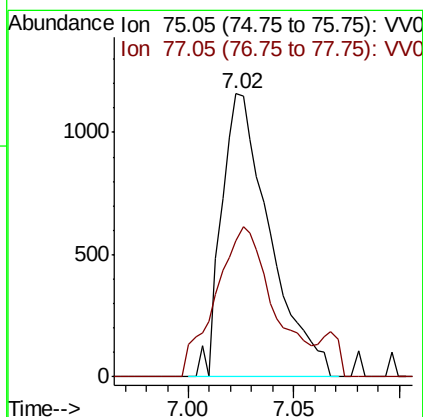
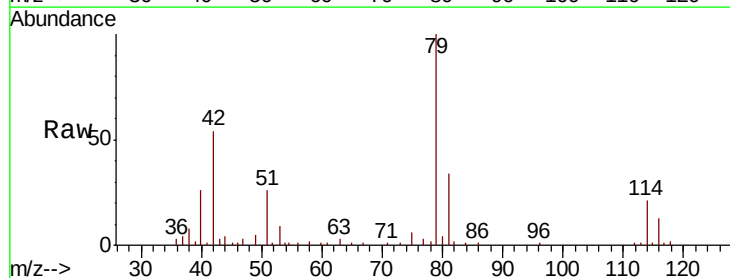
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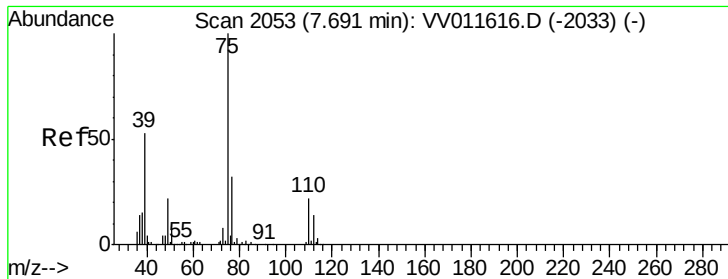
Tgt Ion: 63 Resp: 8971
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.108 ug/L
 RT: 7.02 min Scan# 1845
 Delta R.T. -0.04 min
 Lab File: VV011619.D
 Acq: 19 Jun 2019 14:34

Tgt Ion: 75 Resp: 1839
 Ion Ratio Lower Upper
 75 100
 77 47.9 20.6 38.4#





#44

trans-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV011619.D

Acq: 19 Jun 2019 14:34

Instrument :

MSVOA_V

ClientSampleId :

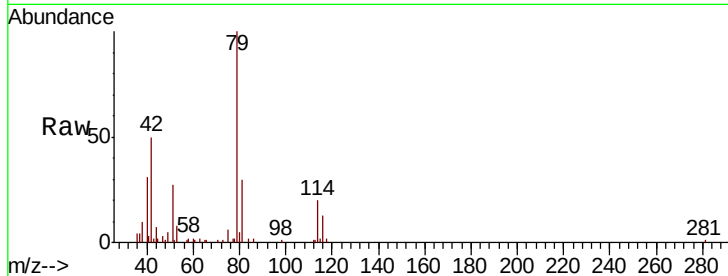
GALQ3

Tgt Ion: 75 Resp: 1168

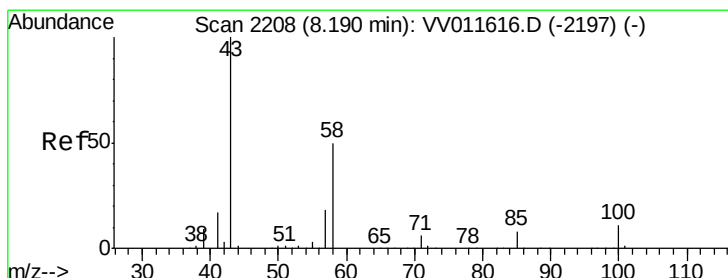
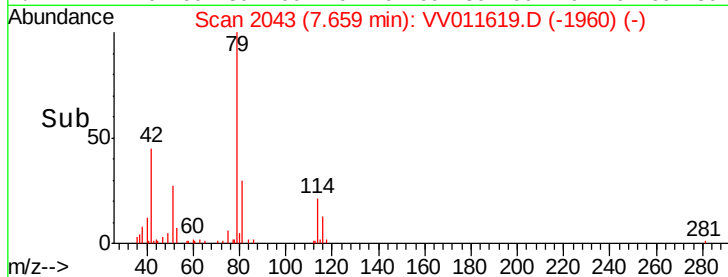
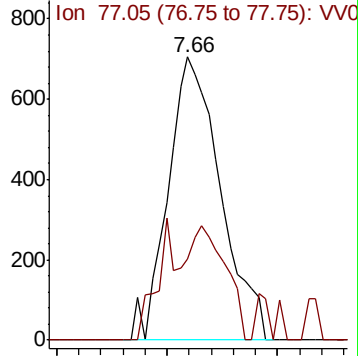
Ion Ratio Lower Upper

75 100

77 28.8 22.8 42.4



Abundance Ion 75.05 (74.75 to 75.75): VV011619.D (-2033) (-)



#48

2-Hexanone

Concen: 2.284 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.06 min

Lab File: VV011619.D

Acq: 19 Jun 2019 14:34

Tgt Ion: 43 Resp: 15522

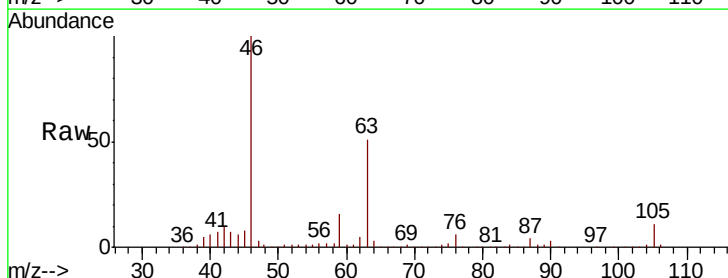
Ion Ratio Lower Upper

43 100

58 25.2 40.6 60.8#

57 26.7 14.2 21.4#

100 0.3 8.6 12.8#



Abundance Ion 43.05 (42.75 to 43.75): VV011619.D (-2197) (-)

Ion 58.05 (57.75 to 58.75): VV011619.D (-2197) (-)

Ion 57.20 (56.90 to 57.90): VV011619.D (-2197) (-)

Ion 100.15 (99.85 to 100.85): VV011619.D (-2197) (-)

