

Data File : VV011692.D
Acq On : 21 Jun 2019 18:37
Operator : SY/MD
Sample : K3415-13
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GALQ0

Quant Time: Jun 22 04:16:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 22 04:10:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	160625	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	153066	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61518	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	46427	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.58	69	36026	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.12	63	72297	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	3.96	46	165340	58.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.76%
24) Chloroform-d	4.40	84	77044	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.20%
26) 1,2-Dichloroethane-d4	5.08	65	59881	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.10	84	200398	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.12	67	62964	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.36	98	171206	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	7.67	79	18600	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.14	63	118239	54.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.66%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46234	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	58502	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

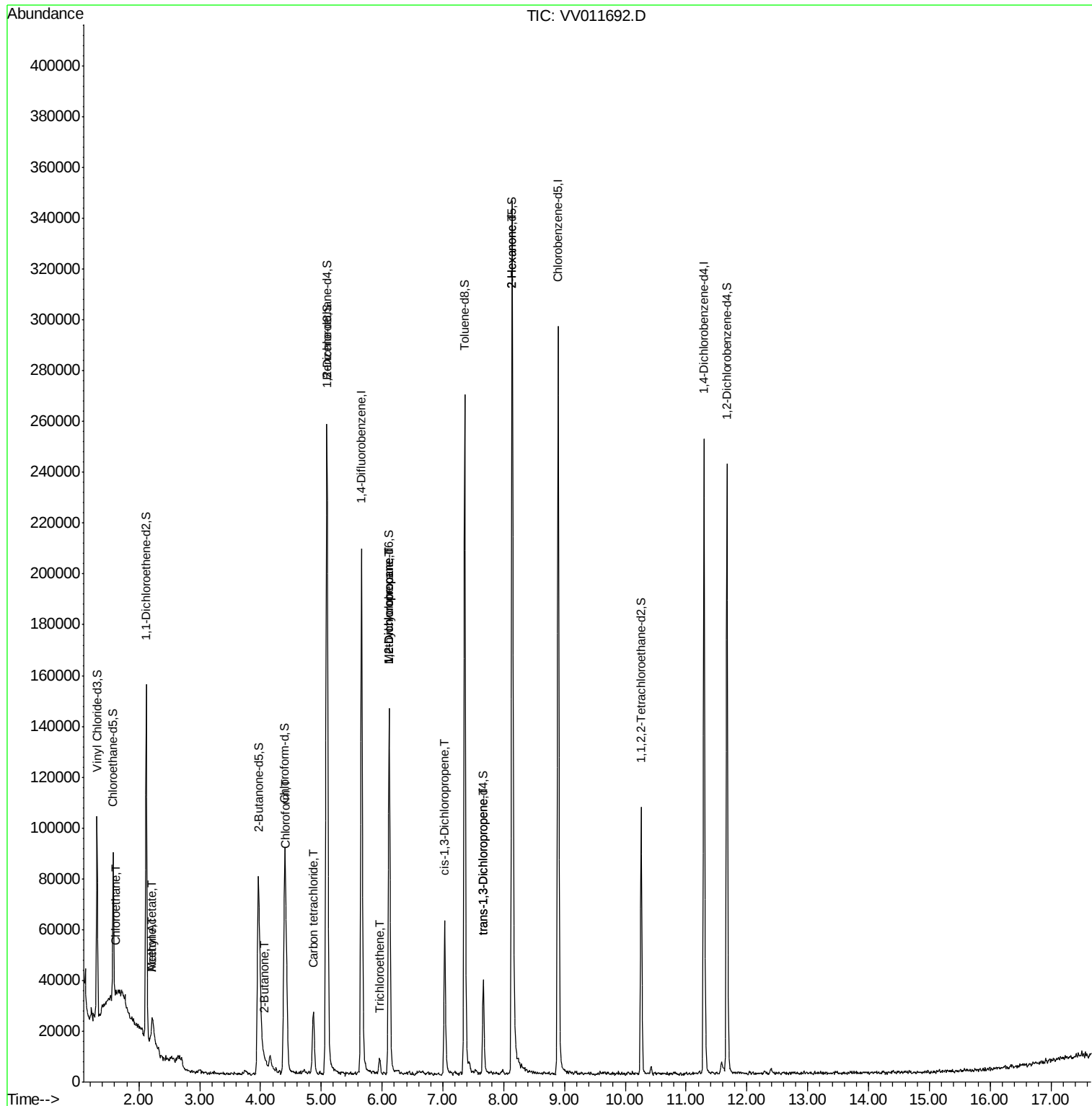
					Qvalue	
8) Chloroethane	1.63	64	813	0.105	ug/L #	57
13) Acetone	2.22	43	21379	10.539	ug/L	89
15) Methyl Acetate	2.22	43	21379	4.232	ug/L #	57
21) 2-Butanone	4.07	43	3678	1.125	ug/L	85
25) Chloroform	4.42	83	33211	1.302	ug/L	97
31) Carbon tetrachloride	4.87	117	16227	0.974	ug/L	97
34) Trichloroethene	5.96	95	1781	0.132	ug/L	92
35) Methylcyclohexane	6.12	83	14717	0.677	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	7557	0.587	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1713	0.101	ug/L #	68
44) trans-1,3-Dichloropropene	7.67	75	1174	0.094	ug/L	95
48) 2-Hexanone	8.14	43	16870	2.969	ug/L #	73

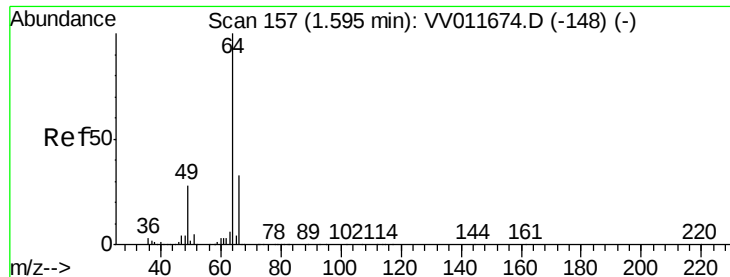
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 22 04:10:42 2019
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#8

Chloroethane

Concen: 0.105 ug/L

RT: 1.63 min Scan# 168

Delta R.T. 0.04 min

Lab File: VV011692.D

Acq: 21 Jun 2019 18:37

Instrument :

MSVOA_V

ClientSampleId :

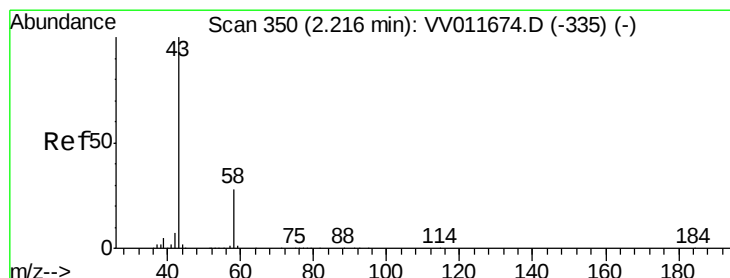
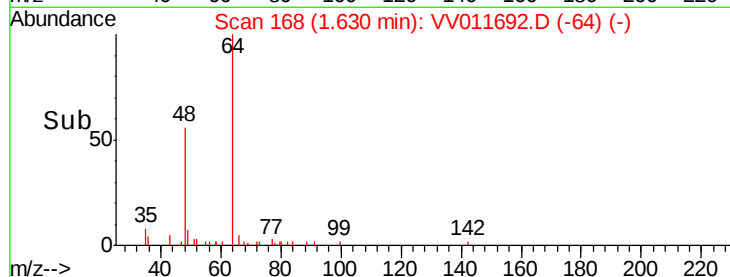
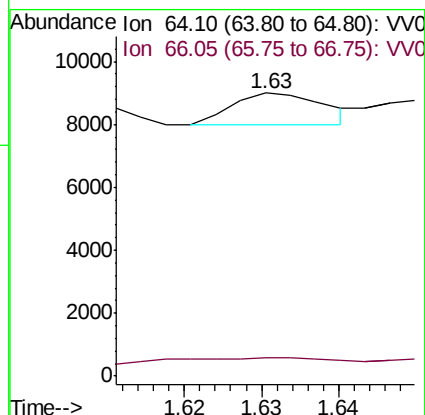
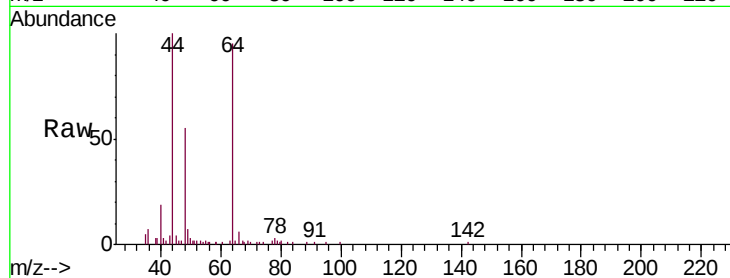
GALQ0

Tgt Ion: 64 Resp: 813

Ion Ratio Lower Upper

64 100

66 6.6 20.6 38.4#



#13

Acetone

Concen: 10.539 ug/L

RT: 2.22 min Scan# 351

Delta R.T. 0.00 min

Lab File: VV011692.D

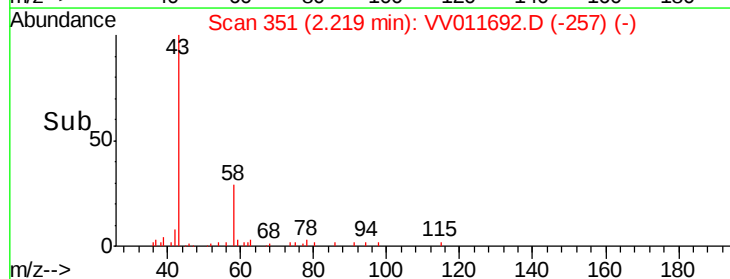
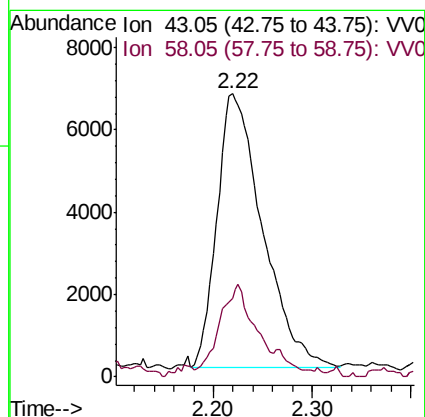
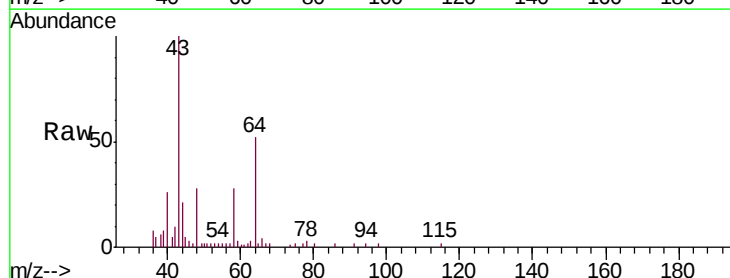
Acq: 21 Jun 2019 18:37

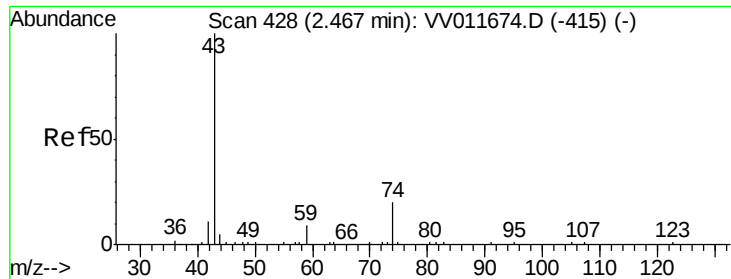
Tgt Ion: 43 Resp: 21379

Ion Ratio Lower Upper

43 100

58 22.4 0.0 56.6

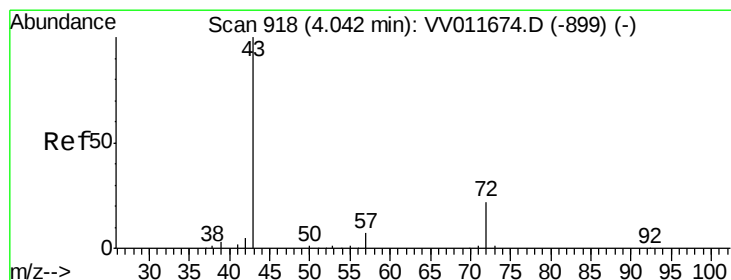
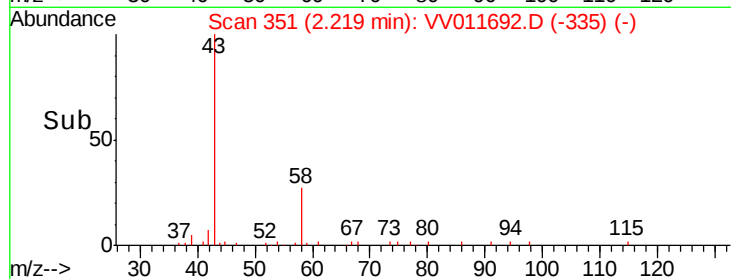
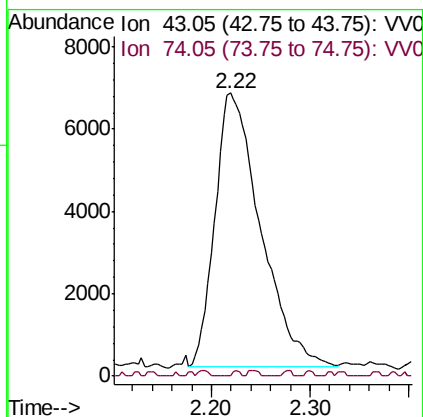
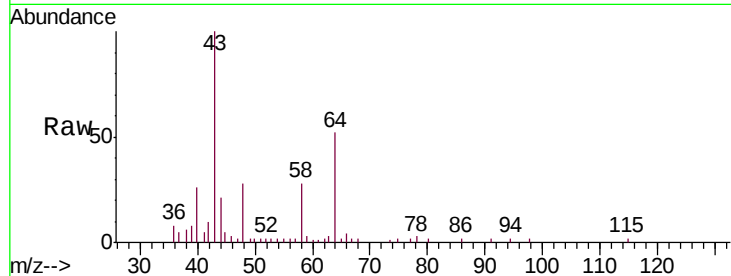




#15
Methyl Acetate
Concen: 4.232 ug/L
RT: 2.22 min Scan# 351
Delta R.T. -0.25 min
Lab File: VV011692.D
Acq: 21 Jun 2019 18:37

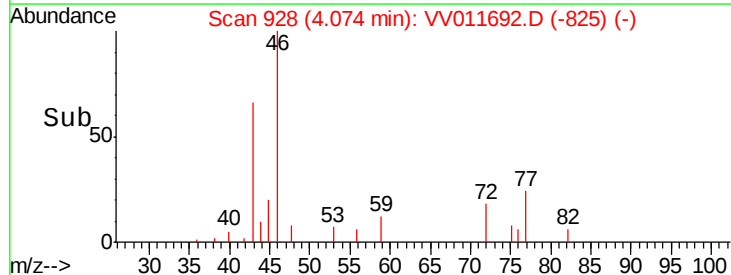
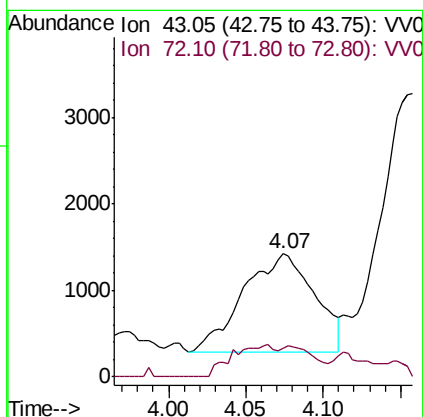
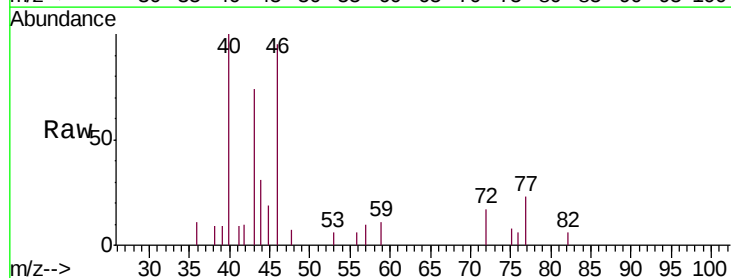
Instrument :
MSVOA_V
ClientSampleId :
GALQ0

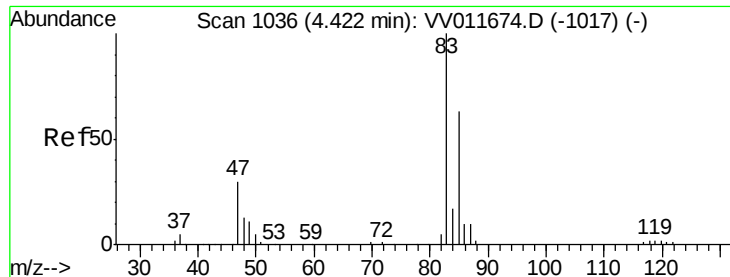
Tgt Ion: 43 Resp: 21379
Ion Ratio Lower Upper
43 100
74 0.3 16.2 24.2#



#21
2-Butanone
Concen: 1.125 ug/L
RT: 4.07 min Scan# 928
Delta R.T. 0.03 min
Lab File: VV011692.D
Acq: 21 Jun 2019 18:37

Tgt Ion: 43 Resp: 3678
Ion Ratio Lower Upper
43 100
72 14.4 10.9 32.6

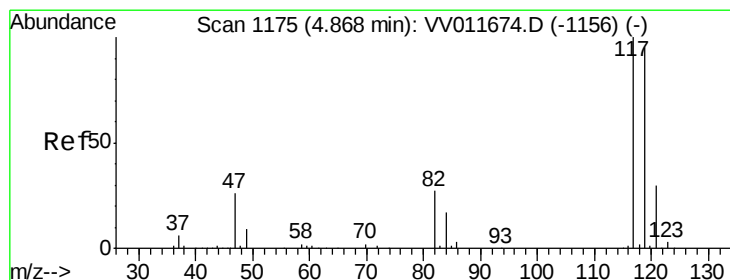
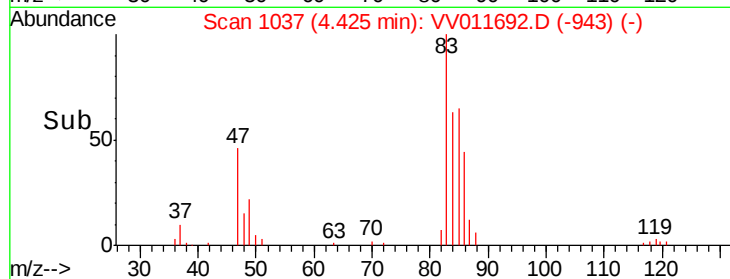
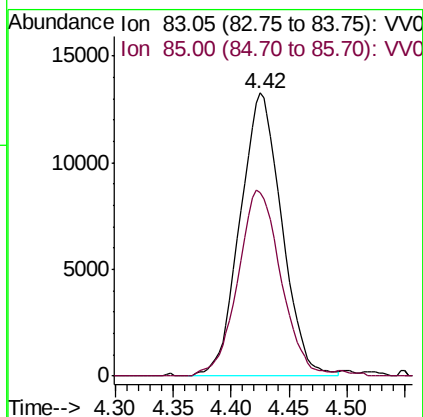
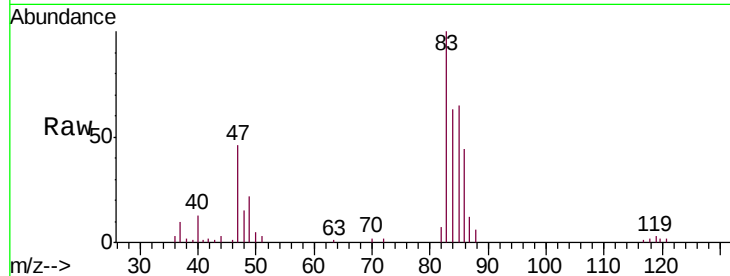




#25
Chloroform
Concen: 1.302 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV011692.D
Acq: 21 Jun 2019 18:37

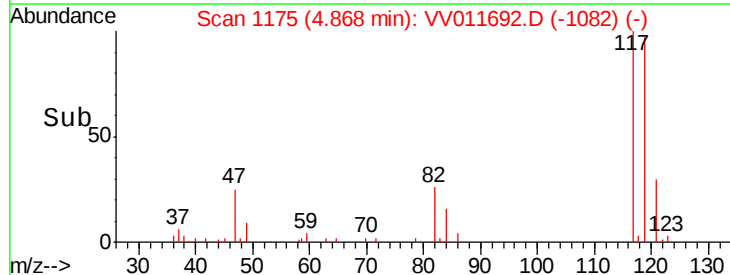
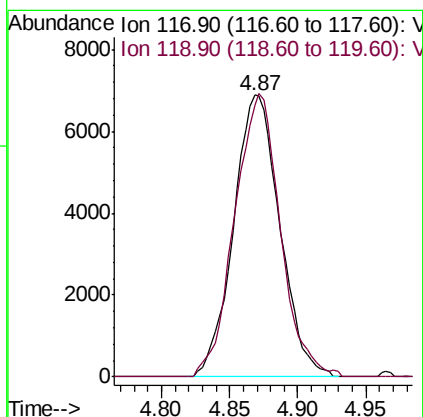
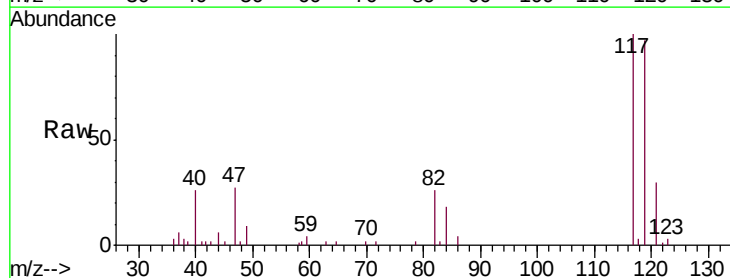
Instrument :
MSVOA_V
ClientSampleId :
GALQ0

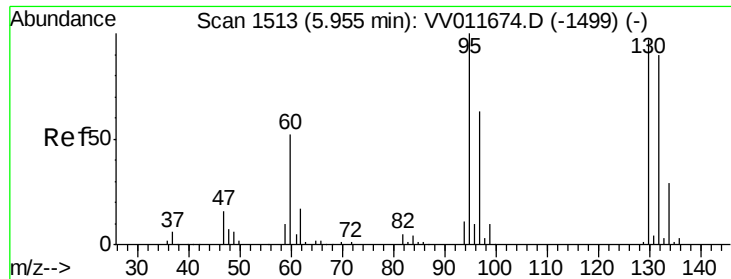
Tgt Ion: 83 Resp: 33211
Ion Ratio Lower Upper
83 100
85 65.1 47.0 87.2



#31
Carbon tetrachloride
Concen: 0.974 ug/L
RT: 4.87 min Scan# 1175
Delta R.T. -0.00 min
Lab File: VV011692.D
Acq: 21 Jun 2019 18:37

Tgt Ion: 117 Resp: 16227
Ion Ratio Lower Upper
117 100
119 99.4 77.1 115.7

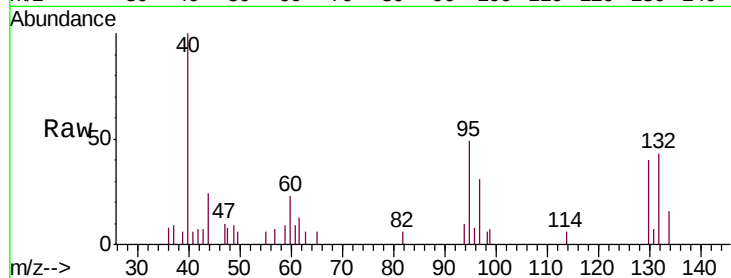




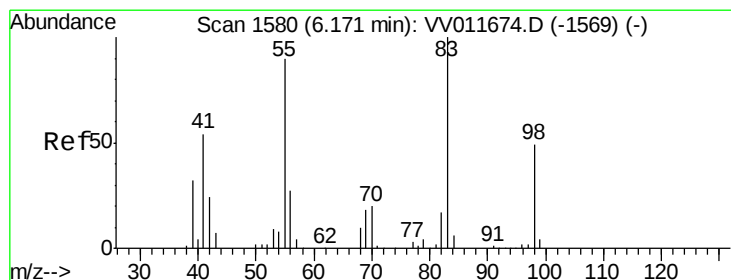
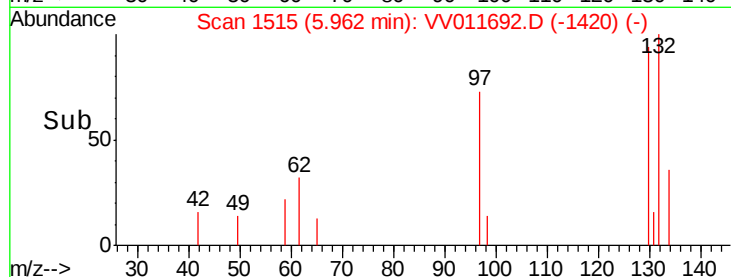
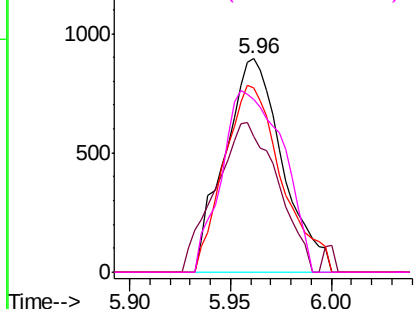
#34
 Trichloroethene
 Concen: 0.132 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: VV011692.D
 Acq: 21 Jun 2019 18:37

Instrument :
 MSVOA_V
 ClientSampleId :
 GALQ0

Tgt Ion: 95 Resp: 1781
 Ion Ratio Lower Upper
 95 100
 97 63.2 44.4 82.5
 132 86.4 65.0 120.6
 130 81.1 67.1 124.7

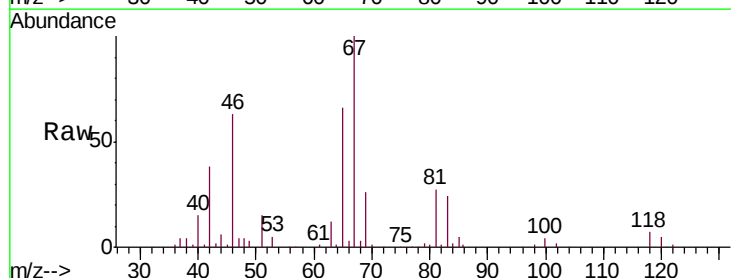


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

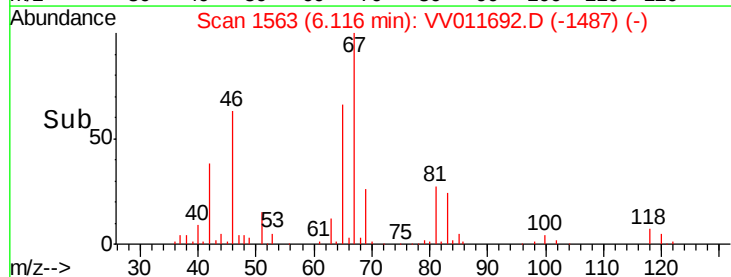
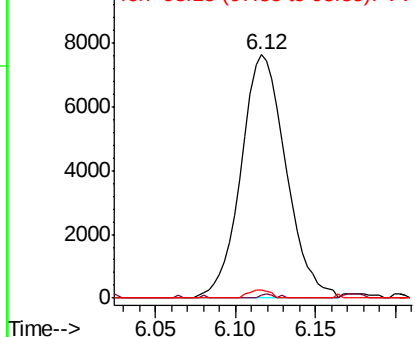


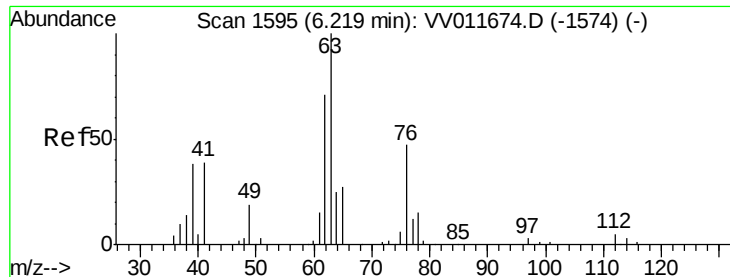
#35
 Methylcyclohexane
 Concen: 0.677 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.05 min
 Lab File: VV011692.D
 Acq: 21 Jun 2019 18:37

Tgt Ion: 83 Resp: 14717
 Ion Ratio Lower Upper
 83 100
 55 0.6 69.4 104.2#
 98 1.5 40.2 60.4#



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

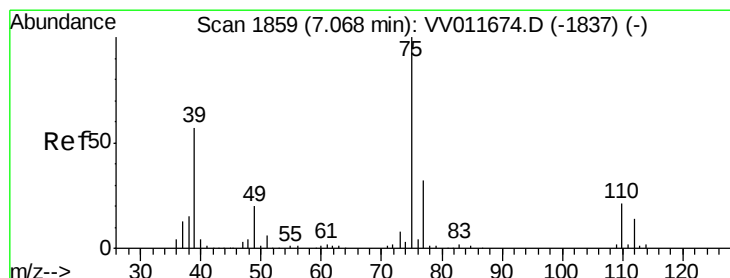
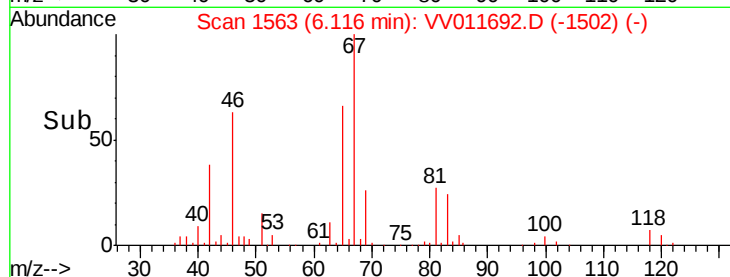
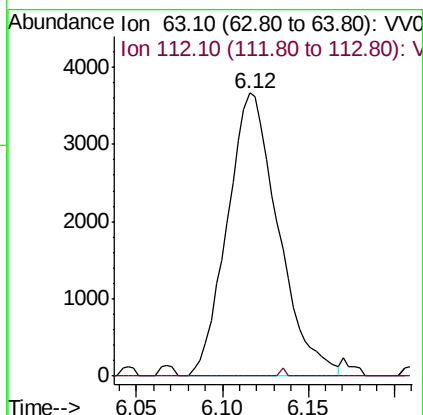
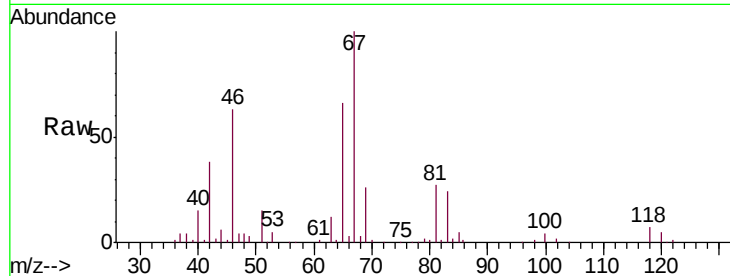




#37
 1,2-Dichloropropane
 Concen: 0.587 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011692.D
 Acq: 21 Jun 2019 18:37

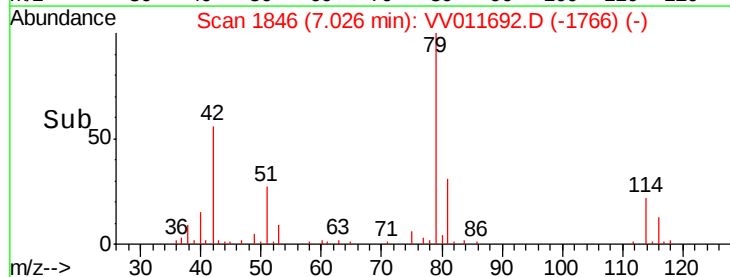
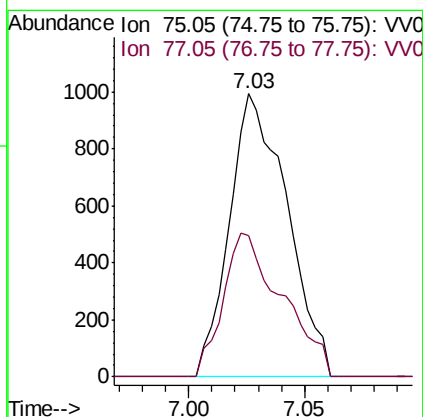
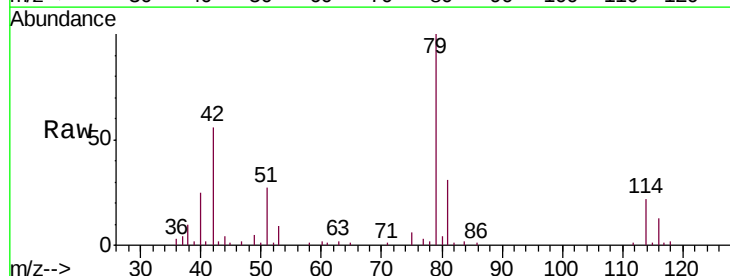
Instrument :
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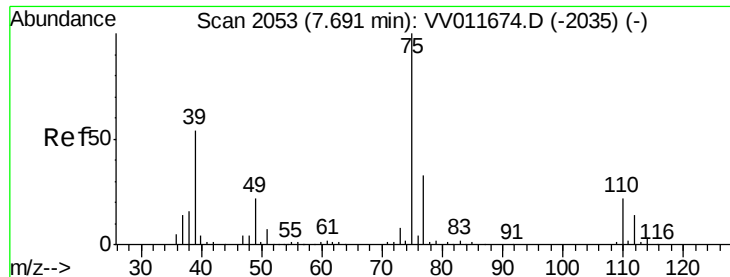
Tgt Ion: 63 Resp: 7557
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV011692.D
 Acq: 21 Jun 2019 18:37

Tgt Ion: 75 Resp: 1713
 Ion Ratio Lower Upper
 75 100
 77 50.1 22.4 41.6#





#44

trans-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV011692.D

Acq: 21 Jun 2019 18:37

Instrument :

MSVOA_V

ClientSampleId :

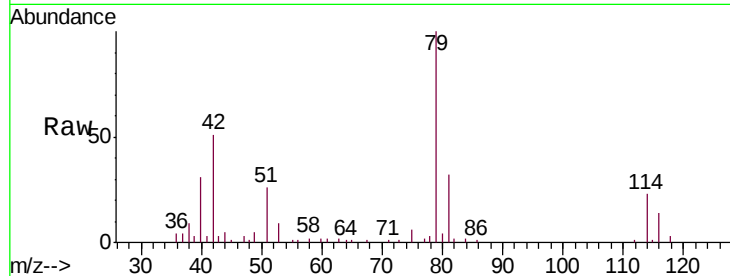
GALQ0

Tgt Ion: 75 Resp: 1174

Ion Ratio Lower Upper

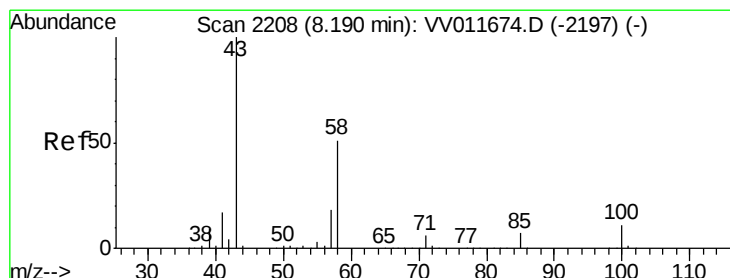
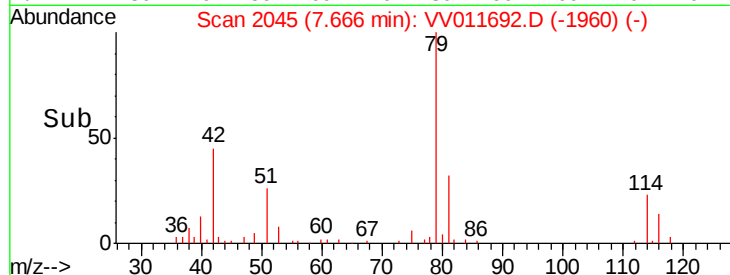
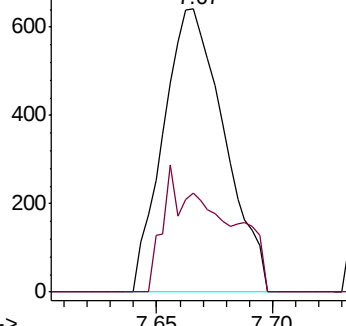
75 100

77 34.9 22.7 42.1



Abundance Ion 75.05 (74.75 to 75.75): VV011674.D (-2035) (-)

Ion 77.05 (76.75 to 77.75): VV011674.D (-2035) (-)



#48

2-Hexanone

Concen: 2.969 ug/L

RT: 8.14 min Scan# 2193

Delta R.T. -0.05 min

Lab File: VV011692.D

Acq: 21 Jun 2019 18:37

Tgt Ion: 43 Resp: 16870

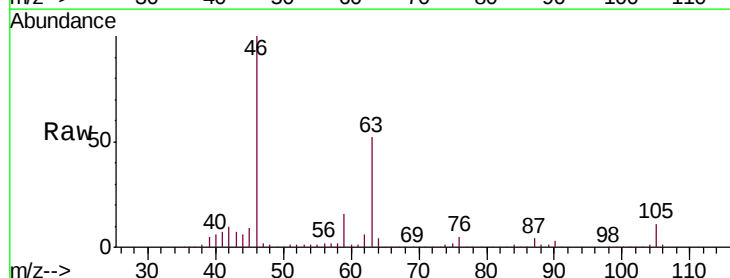
Ion Ratio Lower Upper

43 100

58 28.7 40.1 60.1#

57 25.9 14.4 21.6#

100 1.1 8.6 12.8#



Abundance Ion 43.05 (42.75 to 43.75): VV011674.D (-2197) (-)

Ion 58.05 (57.75 to 58.75): VV011674.D (-2197) (-)

Ion 57.20 (56.90 to 57.90): VV011674.D (-2197) (-)

Ion 100.15 (99.85 to 100.85): VV011674.D (-2197) (-)

