

Data File : VV011816.D
Acq On : 02 Jul 2019 20:47
Operator : SY/MD
Sample : K3597-14
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAM71

Quant Time: Jul 03 08:32:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 03 08:28:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	160300	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	152717	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	67893	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55068	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.58	69	45396	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.40%
11) 1,1-Dichloroethene-d2	2.13	63	81787	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	3.94	46	144586	54.27	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.54%
24) Chloroform-d	4.40	84	105632	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.08	65	58016	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.10	84	209515	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.12	67	64501	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.36	98	179845	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	7.67	79	19944	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.14	63	106680	52.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.90%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	44221	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	68343	5.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.20%

Target Compounds

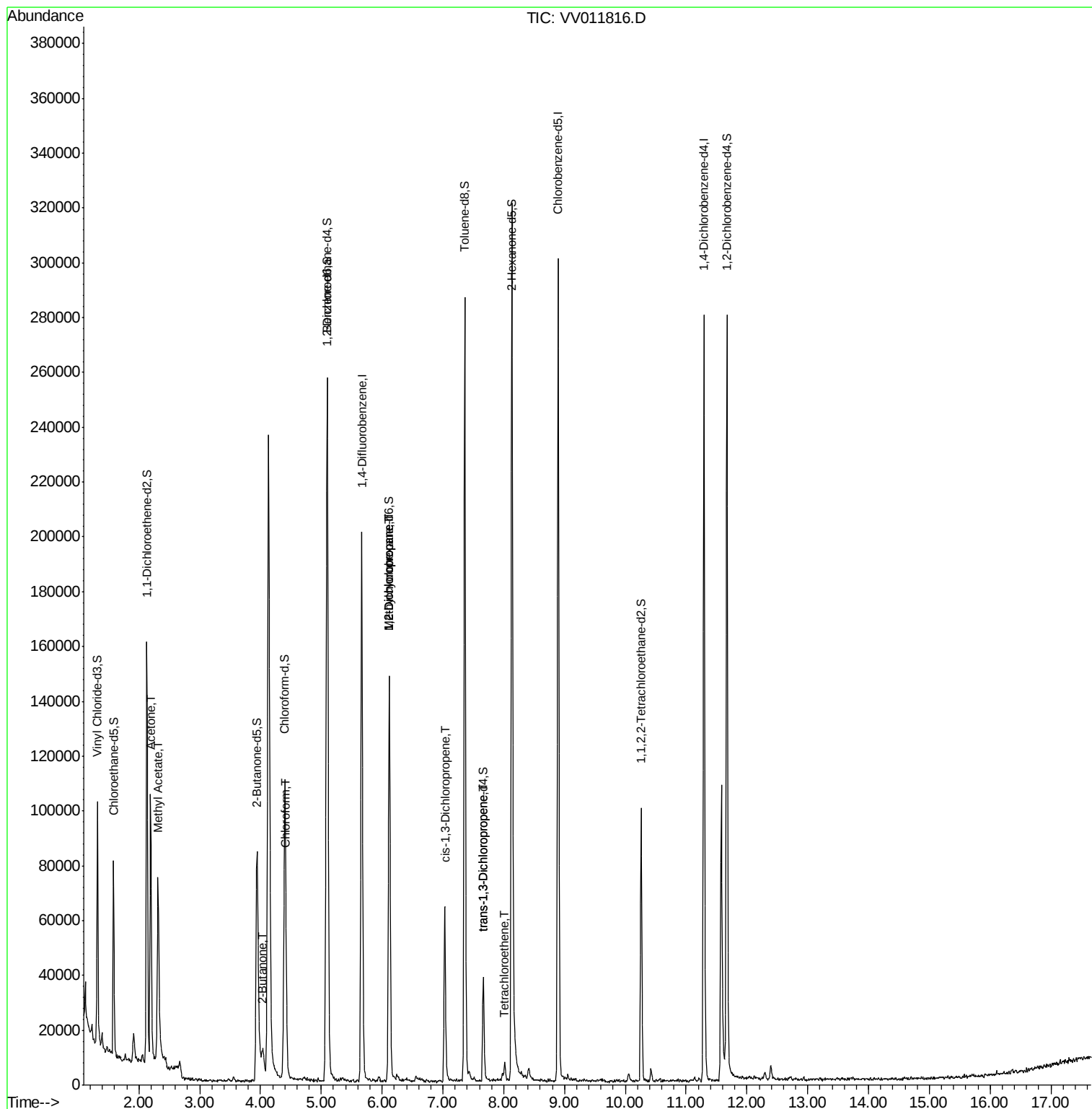
						Qvalue
13) Acetone	2.19	43	101984	55.893	ug/L	99
15) Methyl Acetate	2.32	43	20569	4.056	ug/L #	50
21) 2-Butanone	4.04	43	13389	4.493	ug/L	95
25) Chloroform	4.43	83	3943	0.169	ug/L	81
35) Methylcyclohexane	6.12	83	15836	0.818	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	8221	0.706	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1748	0.113	ug/L #	70
44) trans-1,3-Dichloropropene	7.67	75	1104	0.092	ug/L #	69
47) Tetrachloroethene	8.02	164	1331	0.143	ug/L	96

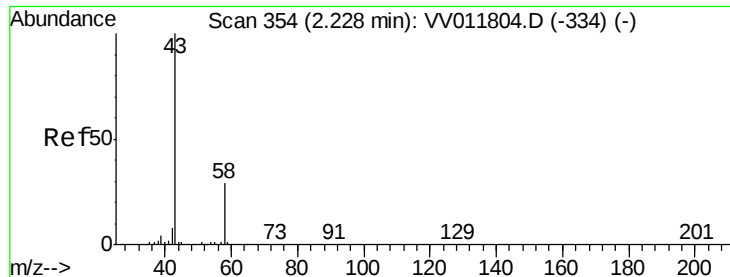
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 55.893 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.04 min

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Instrument :

MSVOA_V

ClientSampleId :

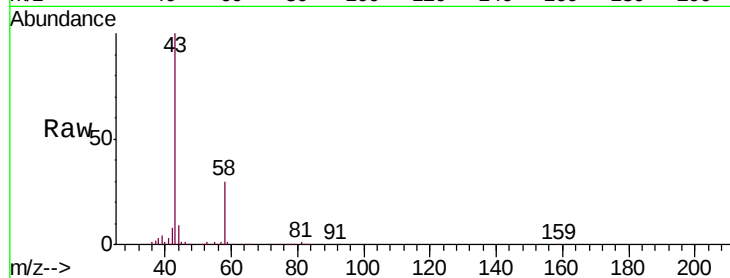
GAM71

Tgt Ion: 43 Resp: 101984

Ion Ratio Lower Upper

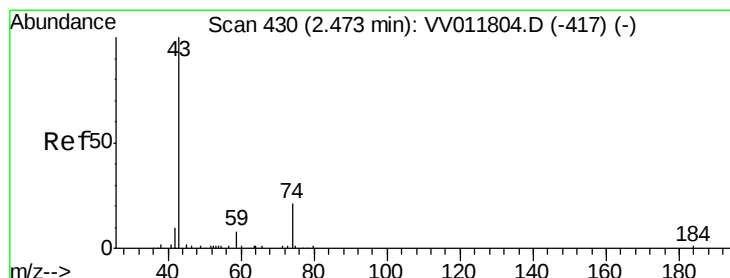
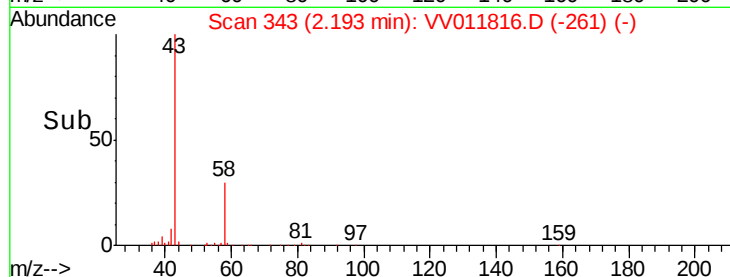
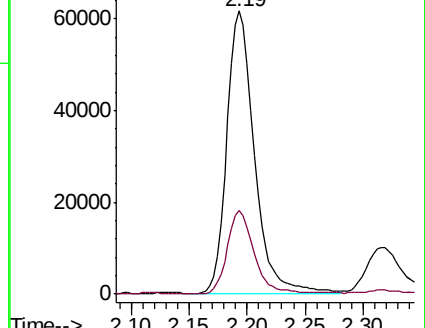
43 100

58 29.5 0.0 58.0



Abundance Ion 43.05 (42.75 to 43.75): VV011804.D (-334) (-)

Ion 58.05 (57.75 to 58.75): VV011804.D (-334) (-)



#15

Methyl Acetate

Concen: 4.056 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.16 min

Lab File: VV011816.D

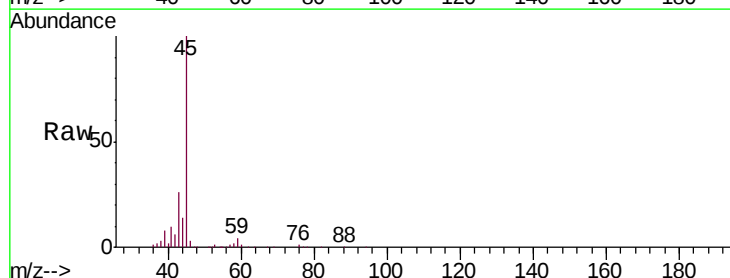
Acq: 02 Jul 2019 20:47

Tgt Ion: 43 Resp: 20569

Ion Ratio Lower Upper

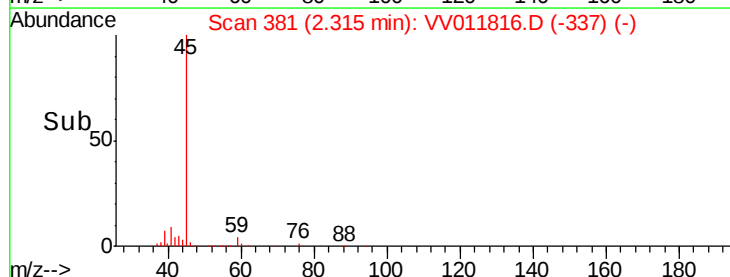
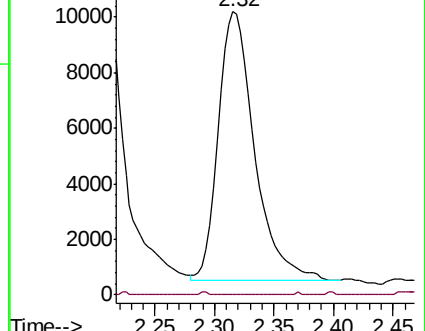
43 100

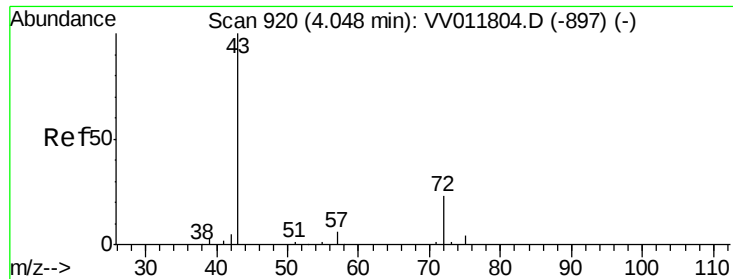
74 0.2 20.2 30.4#



Abundance Ion 43.05 (42.75 to 43.75): VV011804.D (-417) (-)

Ion 74.05 (73.75 to 74.75): VV011804.D (-417) (-)





#21

2-Butanone

Concen: 4.493 ug/L

RT: 4.04 min Scan# 917

Delta R.T. -0.01 min

Lab File: VV011816.D

Acq: 02 Jul 2019 20:47

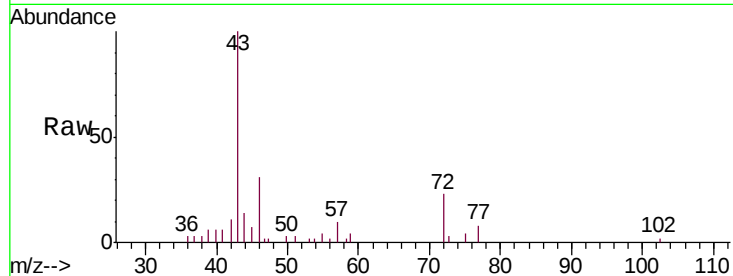
Instrument :
MSVOA_V
ClientSampled :
GAM71

Tgt Ion: 43 Resp: 13389

Ion Ratio Lower Upper

43 100

72 26.8 12.1 36.3



Abundance Ion 43.05 (42.75 to 43.75): VV011804.D (-897) (-)

Ion 72.10 (71.80 to 72.80): VV011804.D (-897) (-)

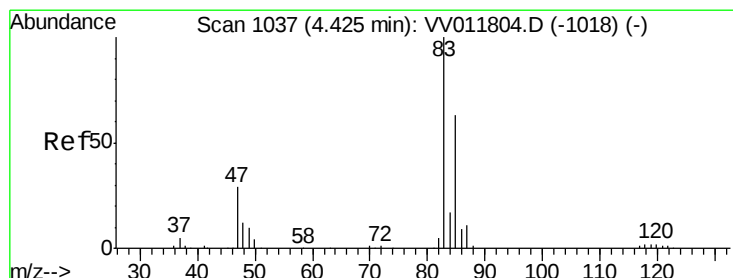
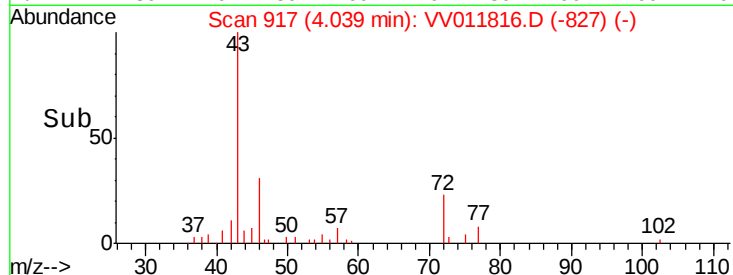
150000

100000

50000

0

Time-->



#25

Chloroform

Concen: 0.169 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV011816.D

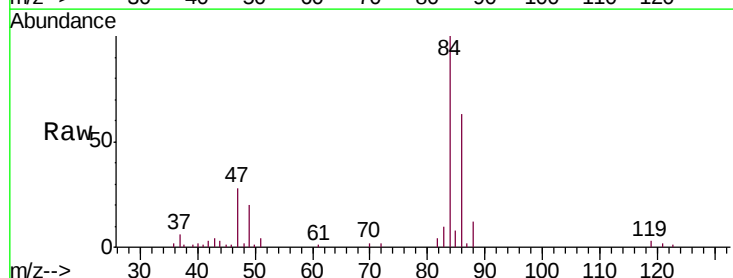
Acq: 02 Jul 2019 20:47

Tgt Ion: 83 Resp: 3943

Ion Ratio Lower Upper

83 100

85 80.8 45.9 85.3



Abundance Ion 83.05 (82.75 to 83.75): VV011804.D (-1018) (-)

Ion 85.00 (84.70 to 85.70): VV011804.D (-1018) (-)

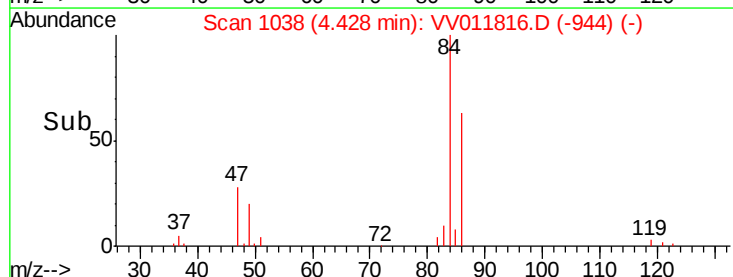
1500

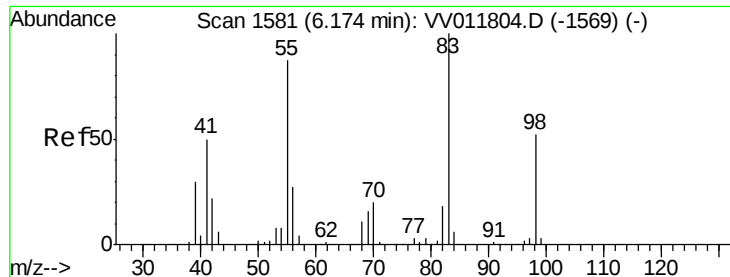
1000

500

0

Time-->

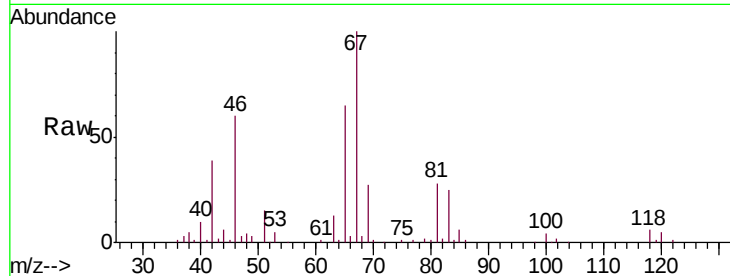




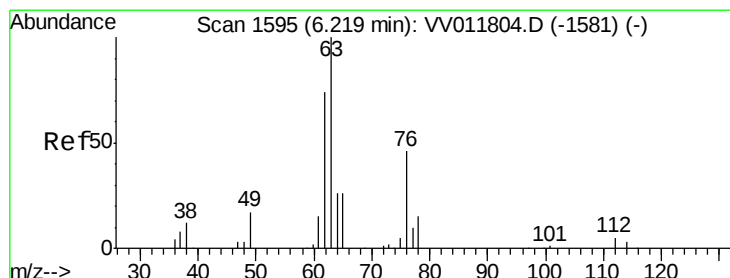
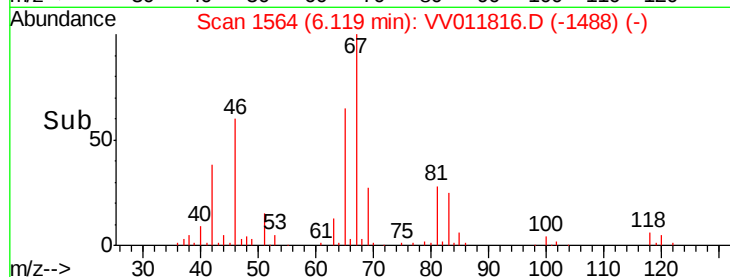
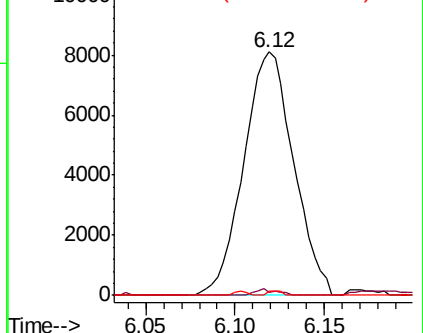
#35
Methylcyclohexane
Concen: 0.818 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011816.D
Acq: 02 Jul 2019 20:47

Instrument :
MSVOA_V
ClientSampled :
GAM71

Tgt Ion: 83 Resp: 15836
Ion Ratio Lower Upper
83 100
55 1.1 67.8 101.6#
98 0.5 39.8 59.8#

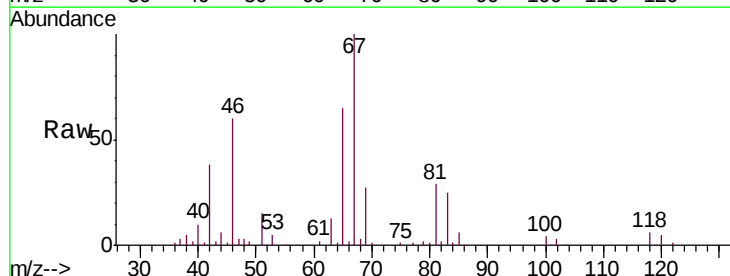


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

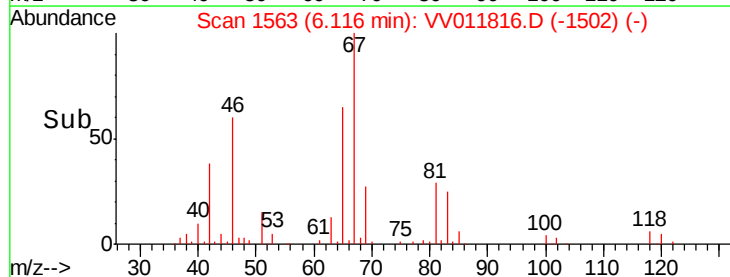
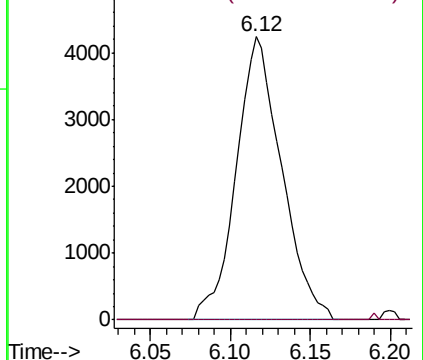


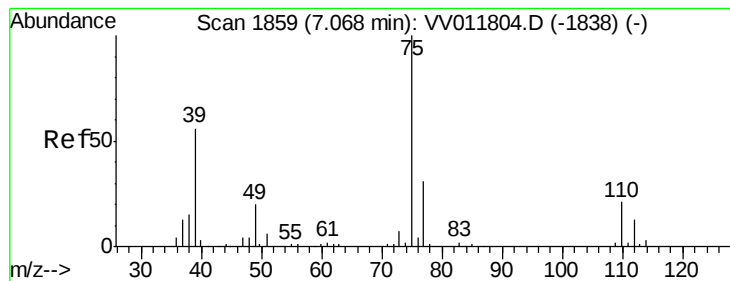
#37
1,2-Dichloropropane
Concen: 0.706 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011816.D
Acq: 02 Jul 2019 20:47

Tgt Ion: 63 Resp: 8221
Ion Ratio Lower Upper
63 100
112 0.2 3.2 4.8#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V



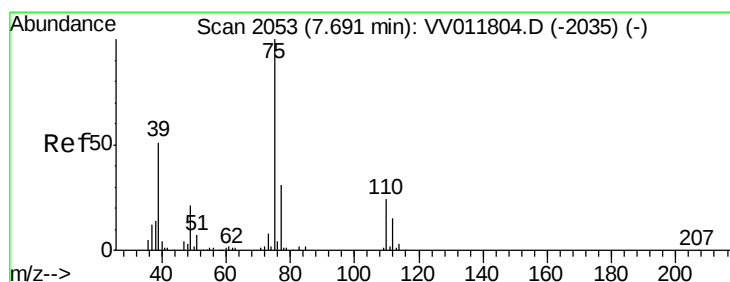
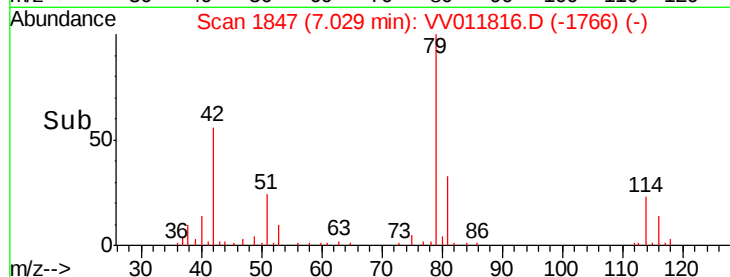
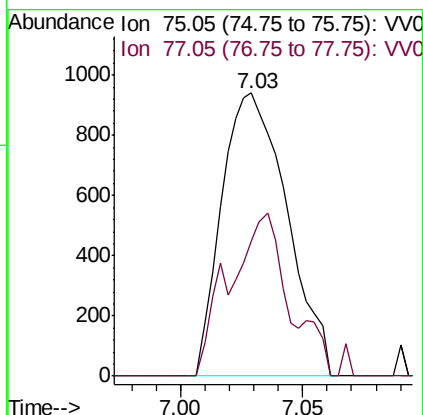
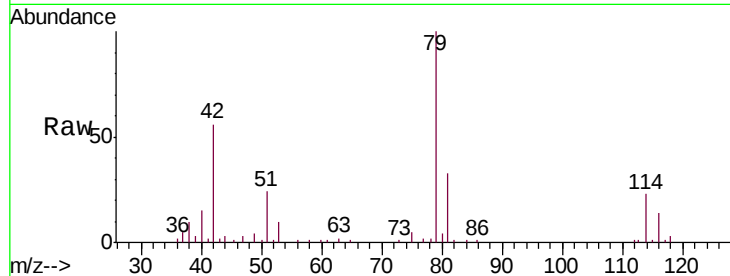


#39

cis-1,3-Dichloropropene
 Concen: 0.113 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011816.D
 Acq: 02 Jul 2019 20:47

Instrument :
 MSVOA_V
 ClientSampled :
 GAM71

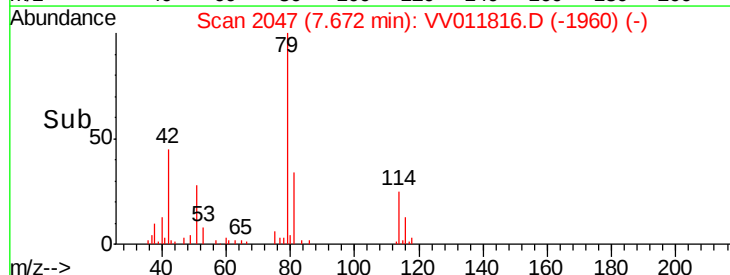
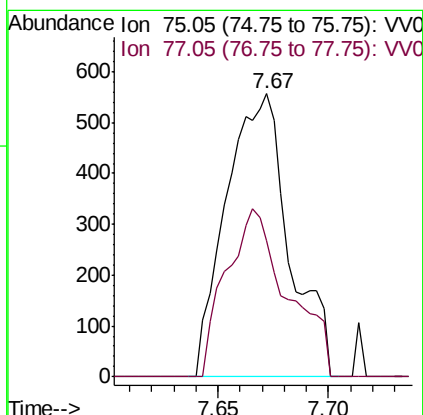
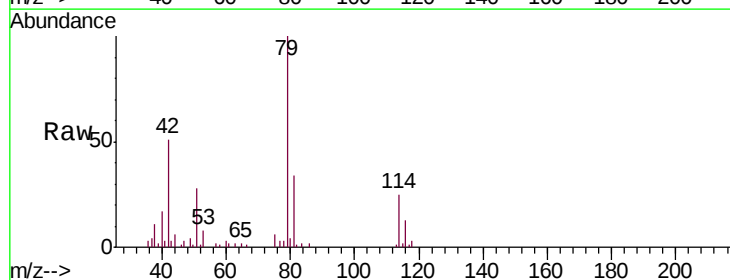
Tgt Ion: 75 Resp: 1748
 Ion Ratio Lower Upper
 75 100
 77 47.8 22.0 40.8#

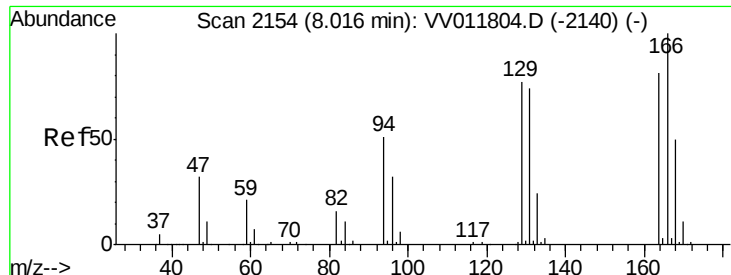


#44

trans-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.67 min Scan# 2047
 Delta R.T. -0.02 min
 Lab File: VV011816.D
 Acq: 02 Jul 2019 20:47

Tgt Ion: 75 Resp: 1104
 Ion Ratio Lower Upper
 75 100
 77 47.9 21.6 40.0#





#47

Tetrachloroethene

Concen: 0.143 ug/L

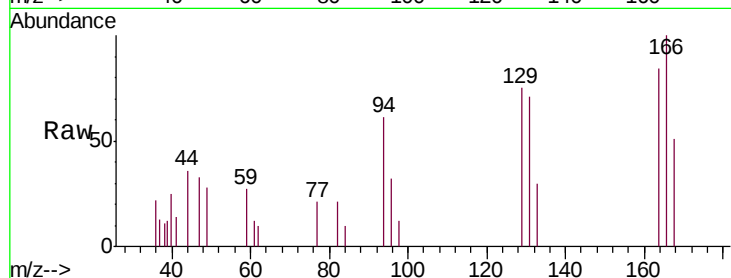
RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV011816.D

Acq: 02 Jul 2019 20:47

Instrument :
MSVOA_V
ClientSampleId :
GAM71



Tgt Ion:	164	Resp:	1331
Ion	Ratio	Lower	Upper
164	100		
129	89.8	65.7	121.9
131	84.5	63.2	117.4
166	119.4	85.8	159.3

