

Data File : VV011219.D
Acq On : 04 Jun 2019 21:20
Operator : SY/MD
Sample : K3081-18
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GALE6

Quant Time: Jun 05 01:46:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 05 01:41:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	173042	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	159017	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66530	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	63032	4.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.20%
7) Chloroethane-d5	1.56	69	46641	4.28	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.12	63	93091	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.94	46	163984	55.55	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.10%
24) Chloroform-d	4.40	84	113466	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.08	65	61143	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.10	84	228219	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.12	67	69097	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.36	98	204552	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.66	79	24879	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.13	63	132889	56.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.62%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	50599	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	66596	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

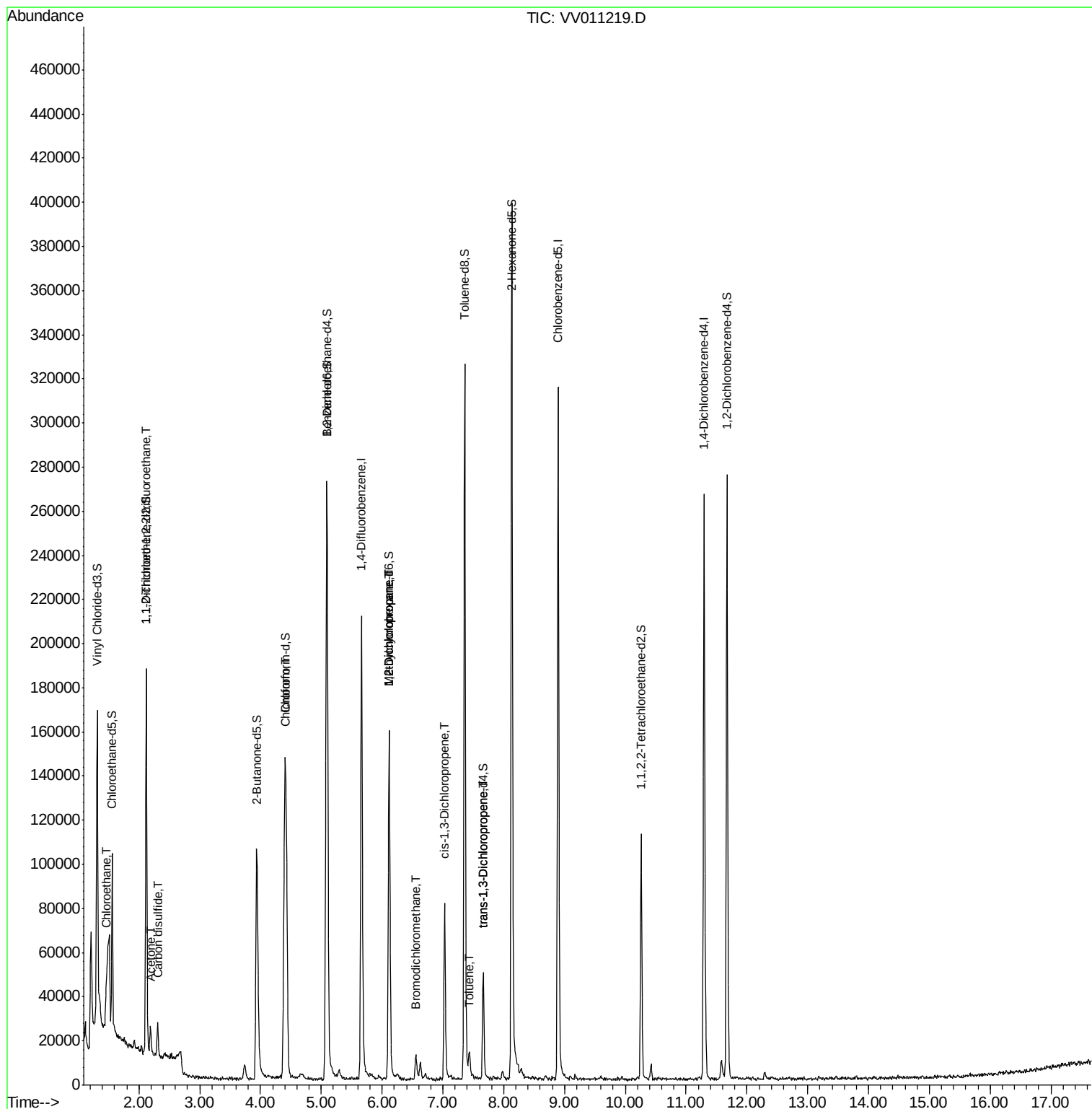
					Qvalue	
8) Chloroethane	1.46	64	1616	0.159	ug/L #	59
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	934	0.083	ug/L #	22
13) Acetone	2.19	43	10699	5.406	ug/L	100
14) Carbon disulfide	2.31	76	15978	0.483	ug/L #	93
25) Chloroform	4.42	83	87118	3.503	ug/L	97
35) Methylcyclohexane	6.12	83	16665	0.771	ug/L #	16
37) 1,2-Dichloropropane	6.11	63	8704	0.691	ug/L #	86
38) Bromodichloromethane	6.56	83	6481	0.416	ug/L	95
39) cis-1,3-Dichloropropene	7.03	75	2392	0.130	ug/L #	74
42) Toluene	7.43	91	6015	0.112	ug/L	88
44) trans-1,3-Dichloropropene	7.67	75	1588	0.113	ug/L #	82

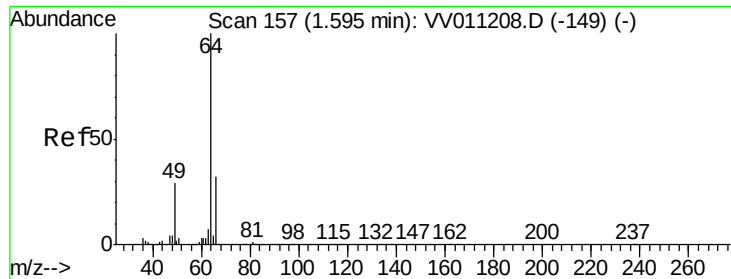
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.159 ug/L

RT: 1.46 min Scan# 116

Delta R.T. -0.13 min

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Instrument :

MSVOA_V

ClientSampleId :

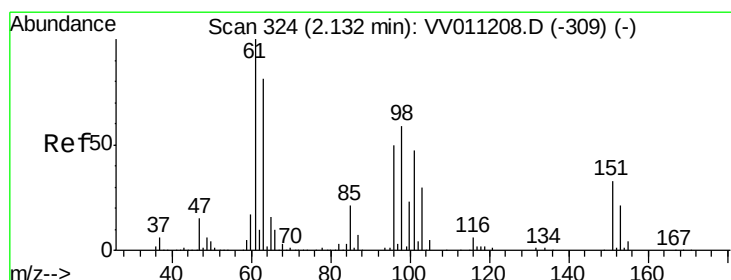
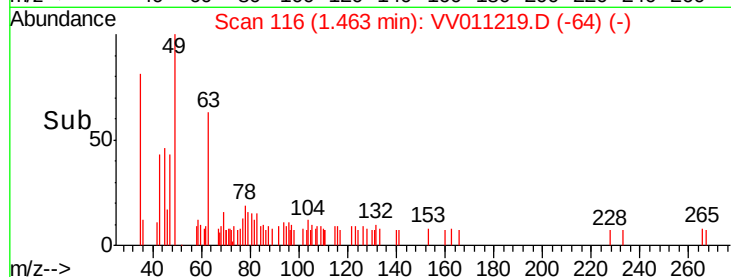
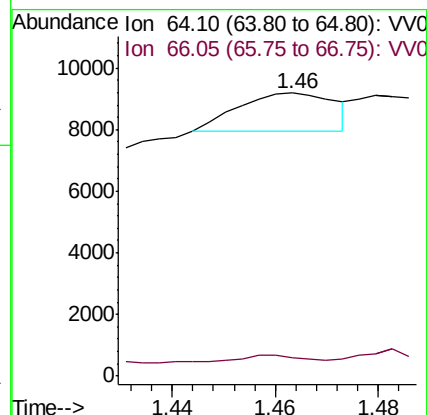
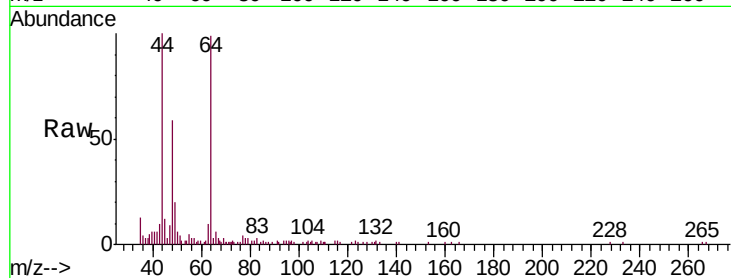
GALE6

Tgt Ion: 64 Resp: 1616

Ion Ratio Lower Upper

64 100

66 6.5 19.4 36.0#



#10

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

Concen: 0.083 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV011219.D

Acq: 04 Jun 2019 21:20

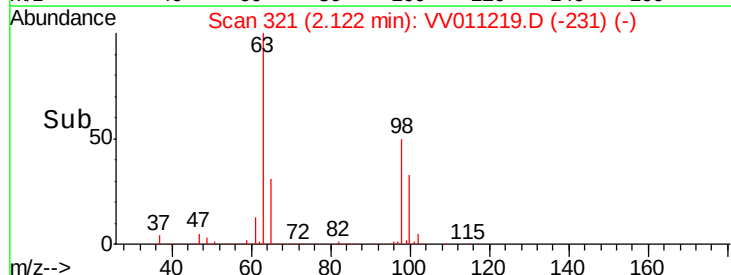
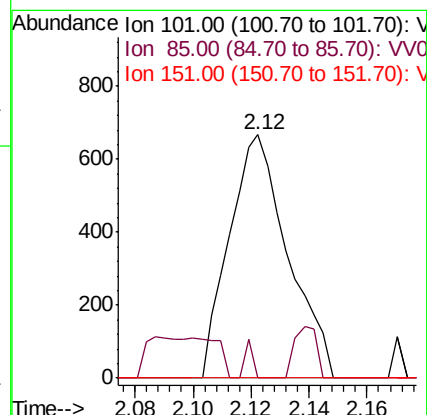
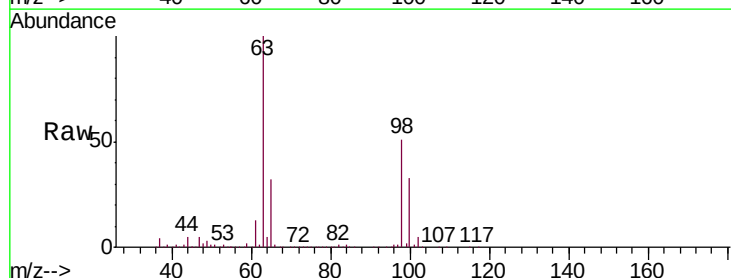
Tgt Ion: 101 Resp: 934

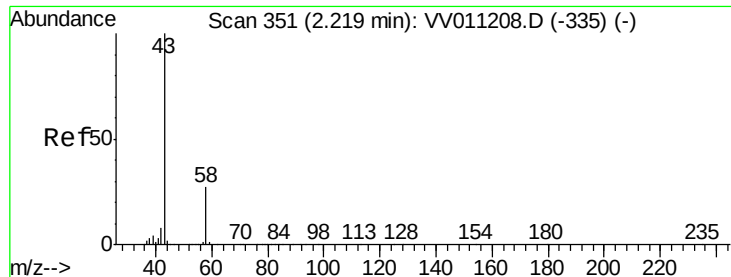
Ion Ratio Lower Upper

101 100

85 2.1 35.5 53.3#

151 0.0 56.9 85.3#





#13

Acetone

Concen: 5.406 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.03 min

Lab File: VV011219.D

Acq: 04 Jun 2019 21:20

Instrument :

MSVOA_V

ClientSampleId :

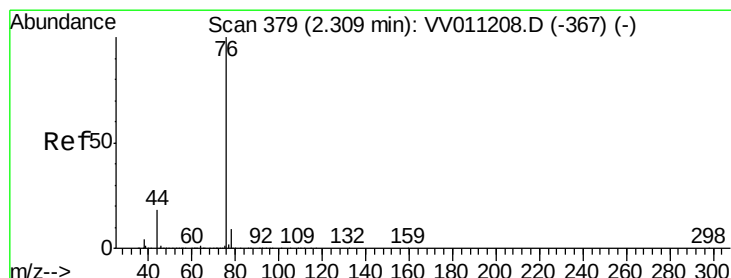
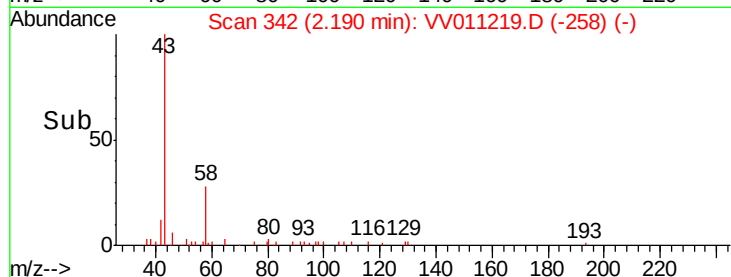
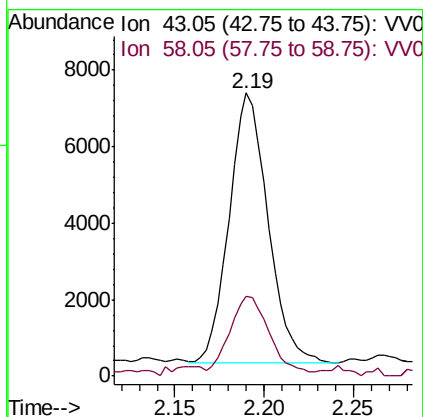
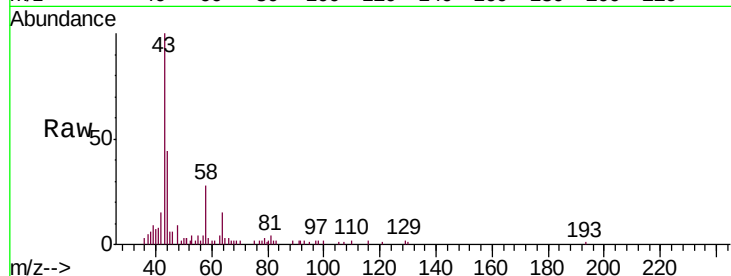
GALE6

Tgt Ion: 43 Resp: 10699

Ion Ratio Lower Upper

43 100

58 27.5 0.0 55.2



#14

Carbon disulfide

Concen: 0.483 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VV011219.D

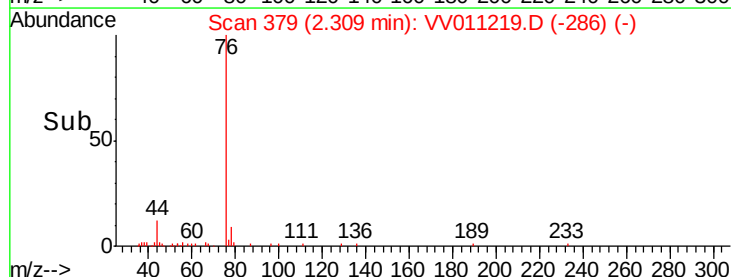
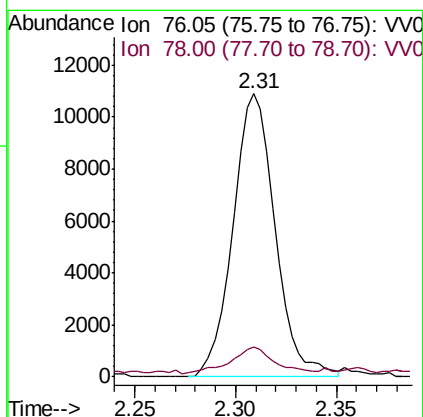
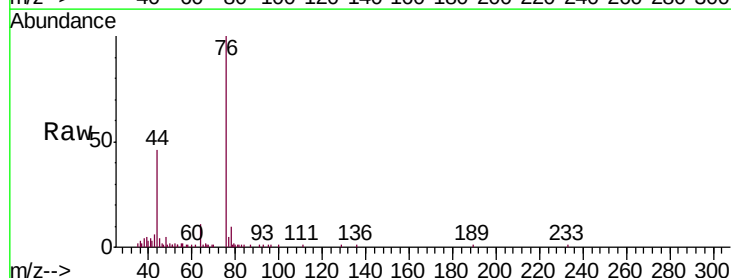
Acq: 04 Jun 2019 21:20

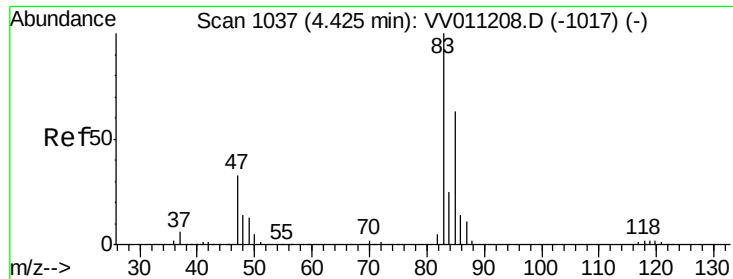
Tgt Ion: 76 Resp: 15978

Ion Ratio Lower Upper

76 100

78 11.7 7.3 10.9#

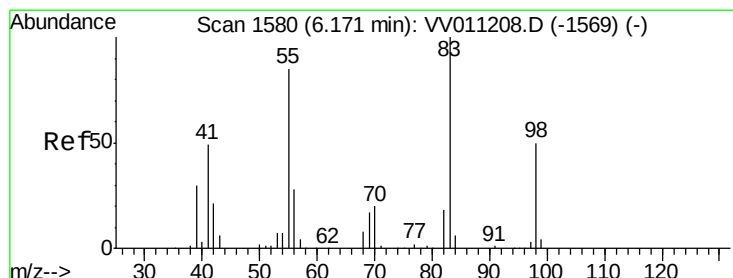
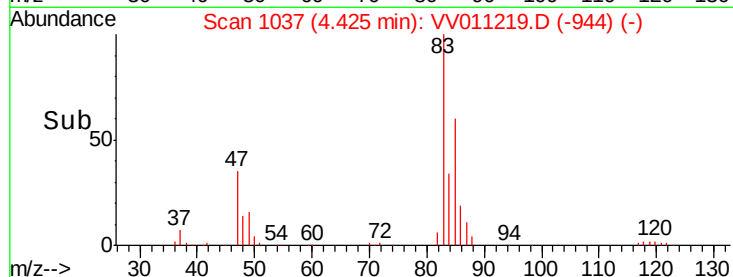
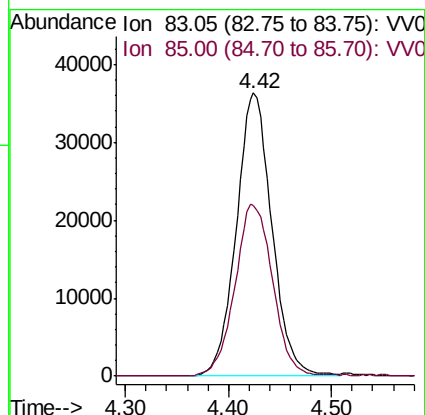
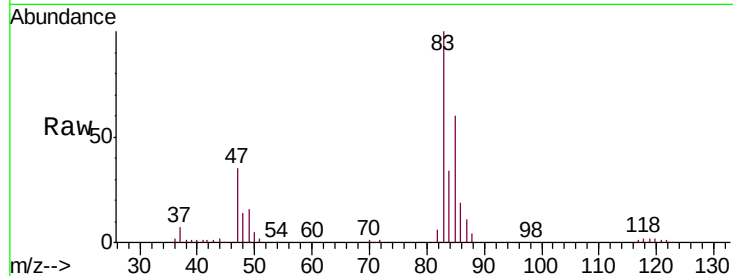




#25
Chloroform
Concen: 3.503 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV011219.D
Acq: 04 Jun 2019 21:20

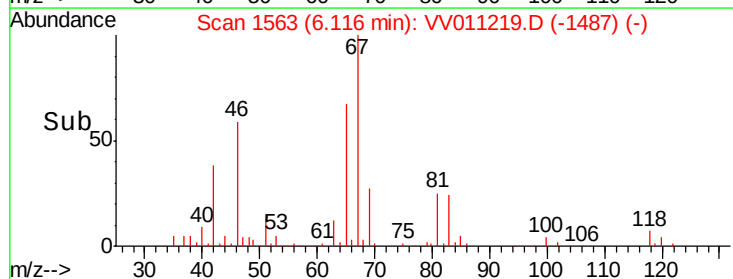
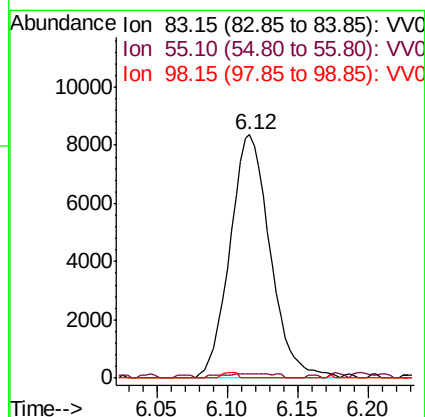
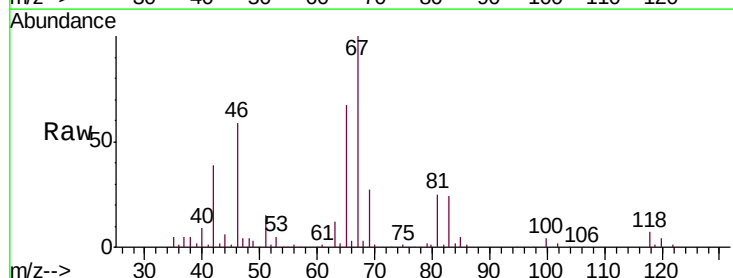
Instrument :
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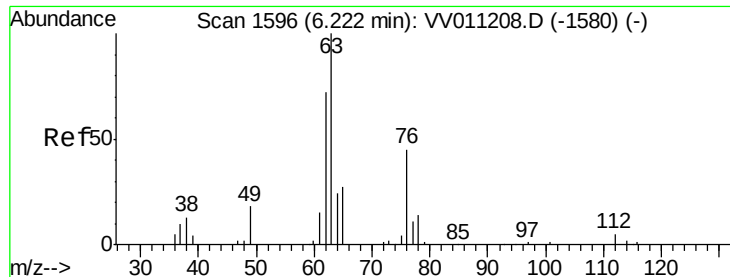
Tgt Ion: 83 Resp: 87118
Ion Ratio Lower Upper
83 100
85 60.5 44.1 81.9



#35
Methylcyclohexane
Concen: 0.771 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011219.D
Acq: 04 Jun 2019 21:20

Tgt Ion: 83 Resp: 16665
Ion Ratio Lower Upper
83 100
55 1.2 67.0 100.6#
98 0.0 40.0 60.0#

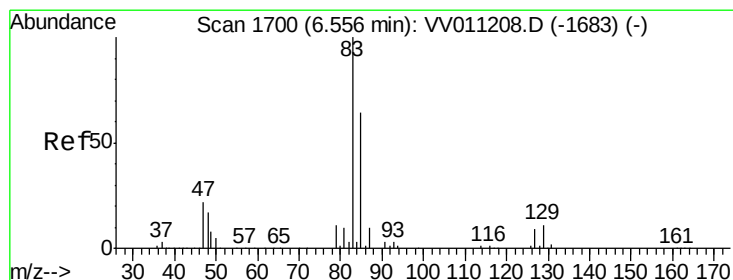
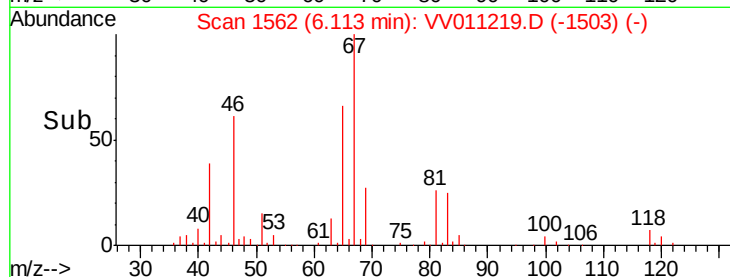
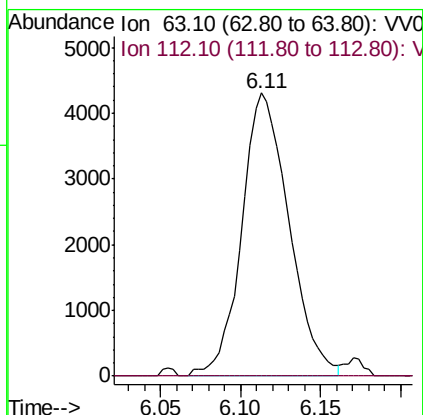
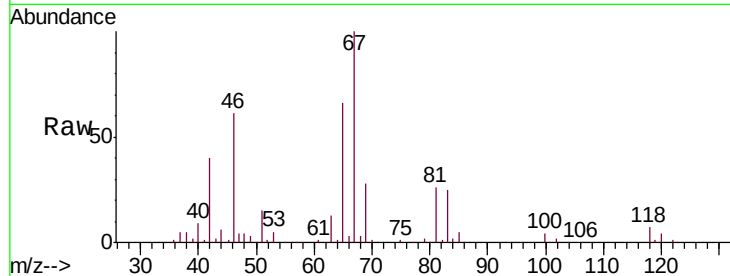




#37
 1,2-Dichloropropane
 Concen: 0.691 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV011219.D
 Acq: 04 Jun 2019 21:20

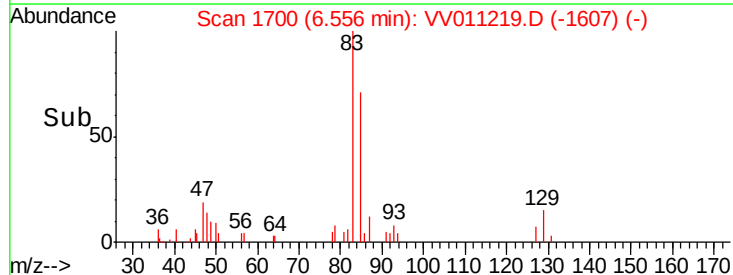
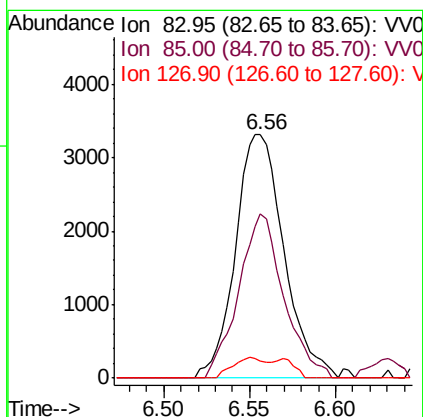
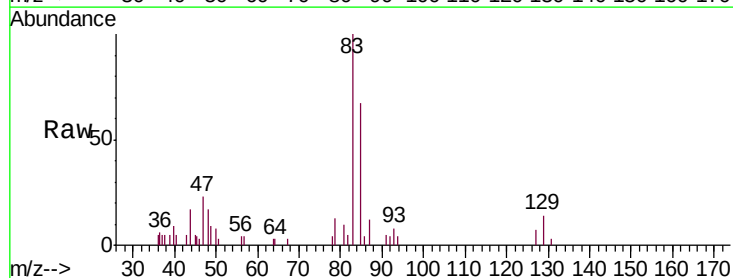
Instrument :
 MSVOA_V
 ClientSampleId :
 GALE6

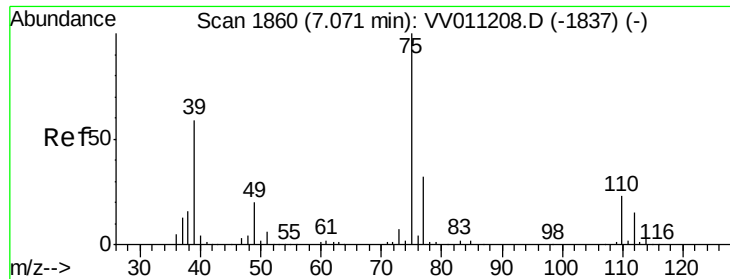
Tgt Ion: 63 Resp: 8704
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#38
 Bromodichloromethane
 Concen: 0.416 ug/L
 RT: 6.56 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VV011219.D
 Acq: 04 Jun 2019 21:20

Tgt Ion: 83 Resp: 6481
 Ion Ratio Lower Upper
 83 100
 85 67.4 44.5 82.7
 127 7.1 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 0.130 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV011219.D

Acq: 04 Jun 2019 21:20

Instrument :

MSVOA_V

ClientSampleId :

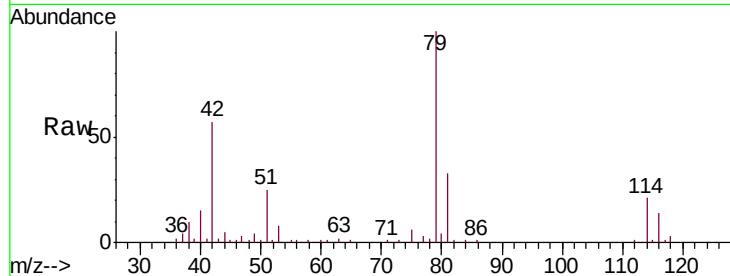
GALE6

Tgt Ion: 75 Resp: 2392

Ion Ratio Lower Upper

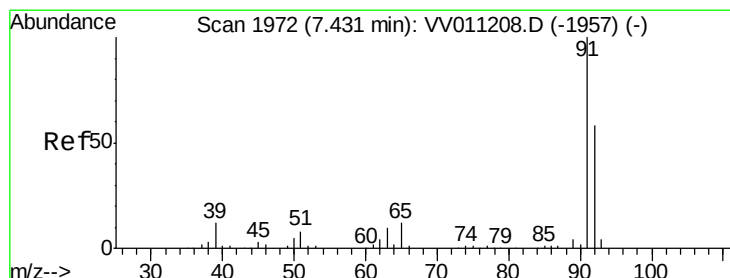
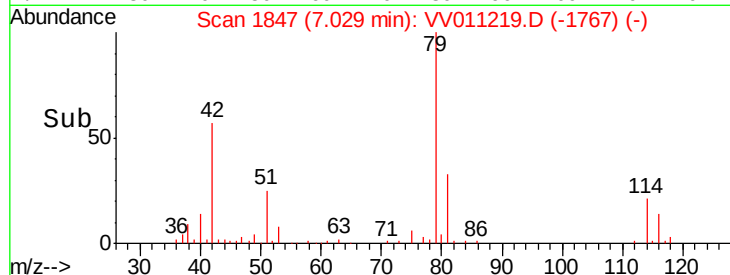
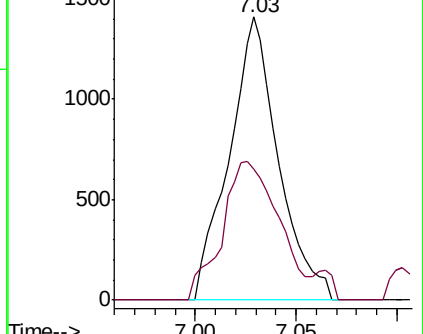
75 100

77 46.3 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#42

Toluene

Concen: 0.112 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VV011219.D

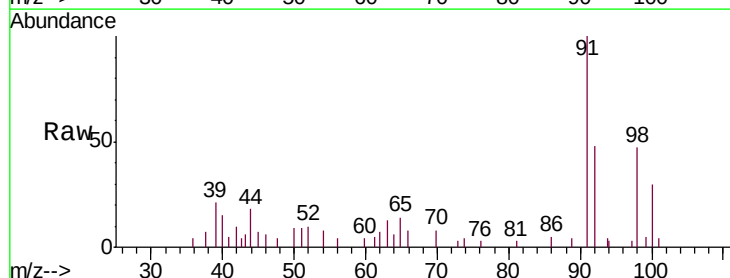
Acq: 04 Jun 2019 21:20

Tgt Ion: 91 Resp: 6015

Ion Ratio Lower Upper

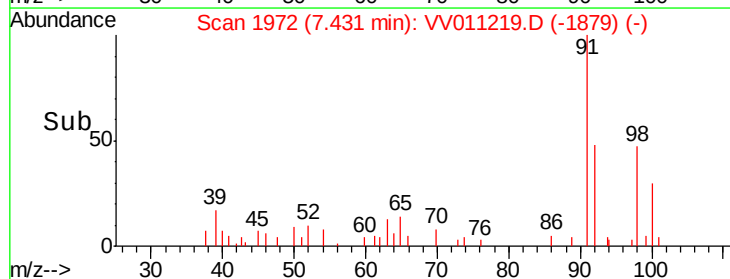
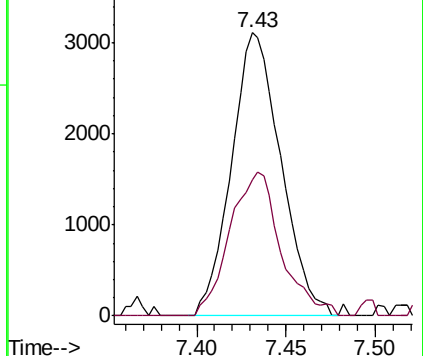
91 100

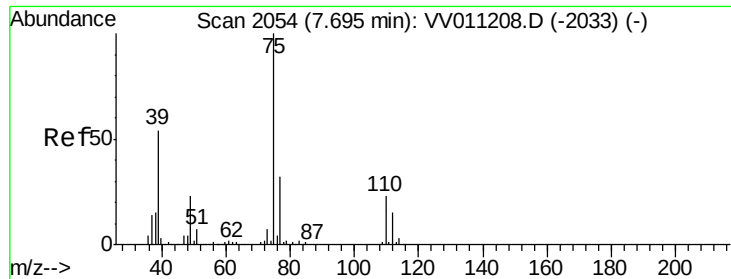
92 48.0 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#44

trans-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV011219.D

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Instrument :

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ClientSampleId :

GALE6

Tgt Ion: 75 Resp: 1588

Ion Ratio Lower Upper

75 100

77 43.2 23.1 42.9#

