

Data File : VV011220.D
Acq On : 04 Jun 2019 21:46
Operator : SY/MD
Sample : K3081-17
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GALE5

Quant Time: Jun 05 01:46:26 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	169639	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	159701	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66162	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58731	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.56	69	46231	4.33	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.12	63	89969	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	3.94	46	159176	55.00	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.00%
24) Chloroform-d	4.40	84	107531	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.08	65	60495	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.09	84	219684	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.12	67	68434	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.36	98	198423	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.66	79	24204	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.13	63	130056	54.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	49968	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	63818	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

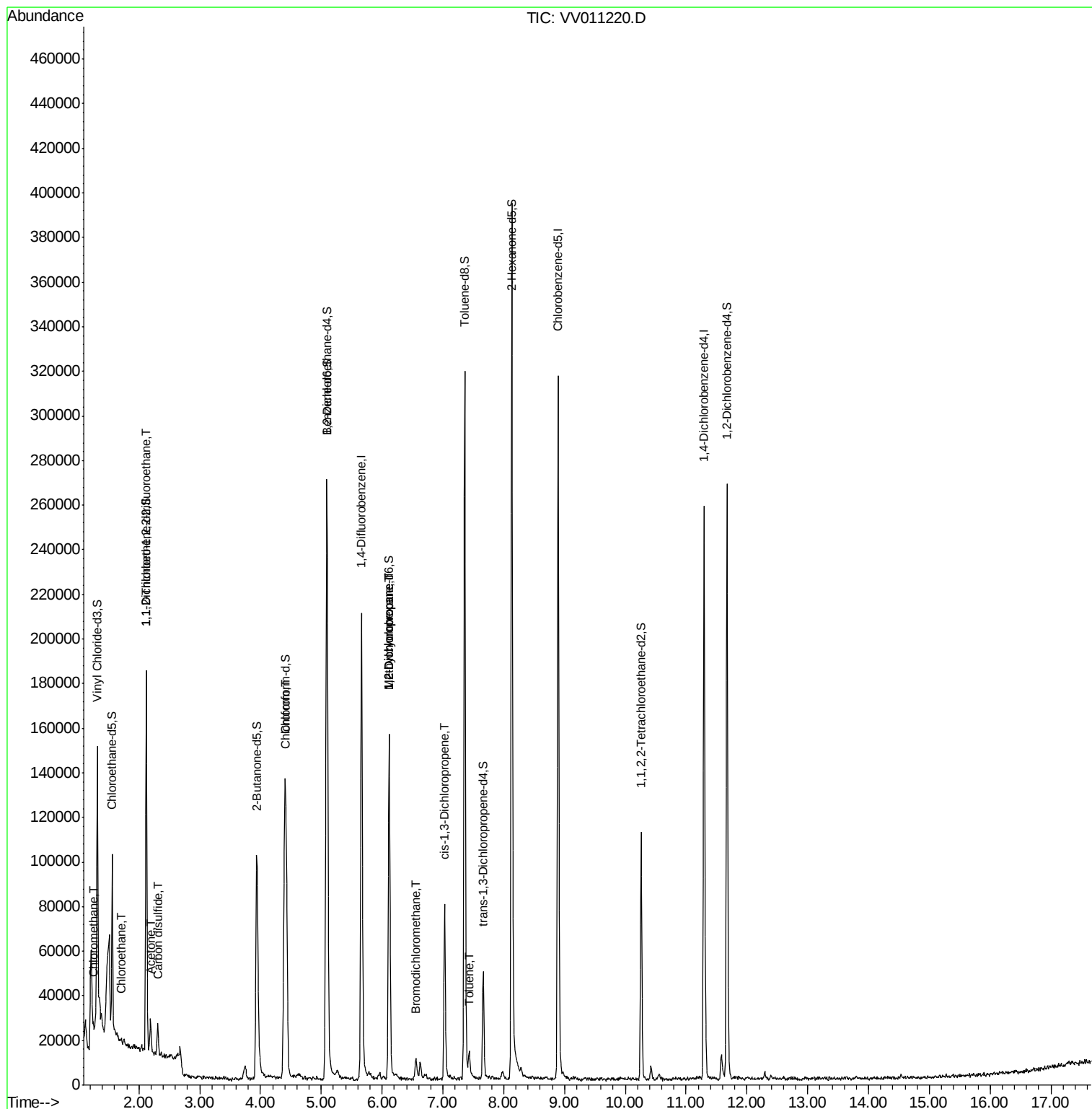
					Qvalue
3) Chloromethane	1.25	50	1457	0.090 ug/L	85
8) Chloroethane	1.72	64	1228	0.123 ug/L #	61
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	938	0.085 ug/L #	31
13) Acetone	2.19	43	13529	6.973 ug/L	97
14) Carbon disulfide	2.31	76	14263	0.440 ug/L	95
25) Chloroform	4.42	83	77058	3.161 ug/L	98
35) Methylcyclohexane	6.12	83	16000	0.737 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	8611	0.681 ug/L #	88
38) Bromodichloromethane	6.56	83	5940	0.380 ug/L	99
39) cis-1,3-Dichloropropene	7.03	75	2138	0.116 ug/L #	72
42) Toluene	7.43	91	5585	0.103 ug/L	94

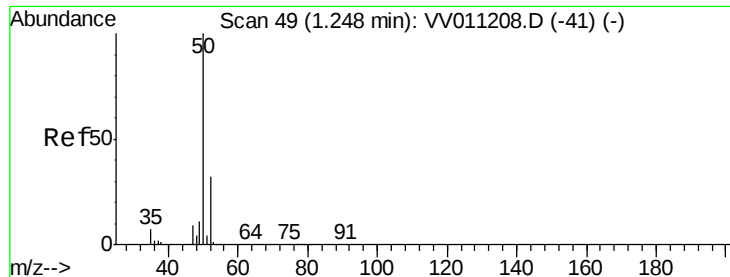
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.090 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV011220.D

Acq: 04 Jun 2019 21:46

Instrument :

MSVOA_V

ClientSampled :

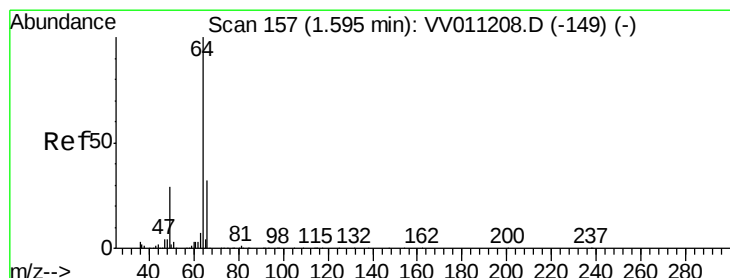
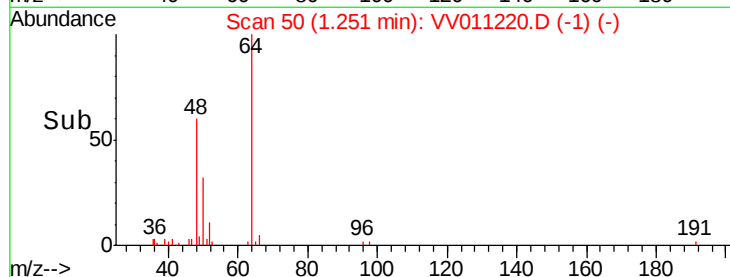
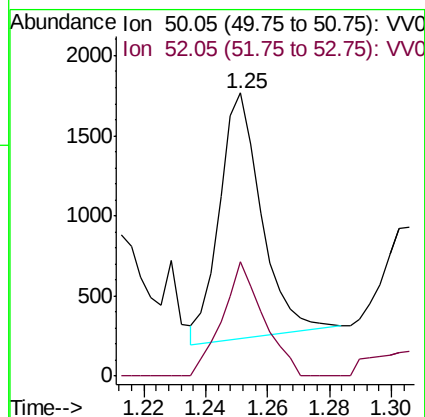
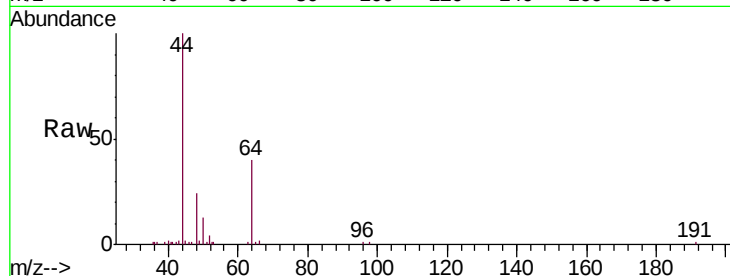
GALE5

Tgt Ion: 50 Resp: 1457

Ion Ratio Lower Upper

50 100

52 40.3 22.3 41.5



#8

Chloroethane

Concen: 0.123 ug/L

RT: 1.72 min Scan# 197

Delta R.T. 0.13 min

Lab File: VV011220.D

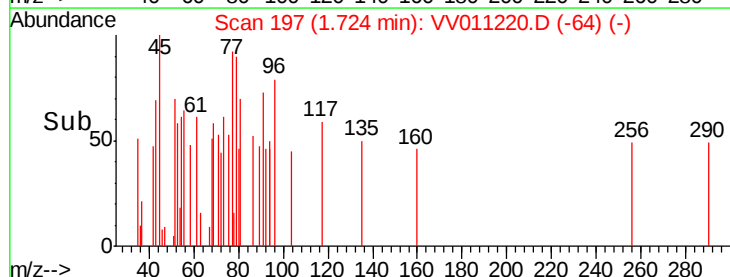
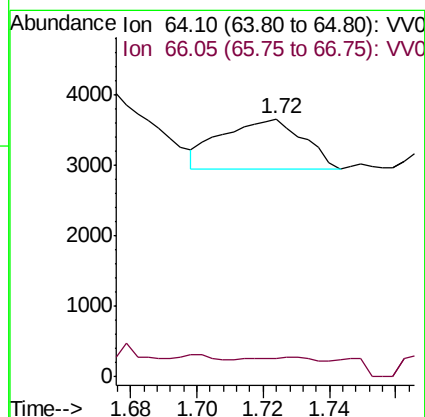
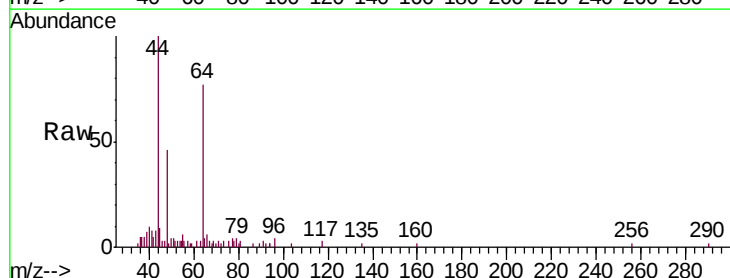
Acq: 04 Jun 2019 21:46

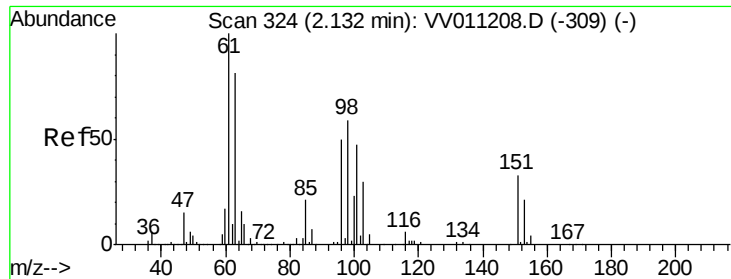
Tgt Ion: 64 Resp: 1228

Ion Ratio Lower Upper

64 100

66 7.2 19.4 36.0#





#10

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

Concen: 0.085 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV011220.D

Acq: 04 Jun 2019 21:46

Instrument :

MSVOA_V

ClientSampleId :

GALE5

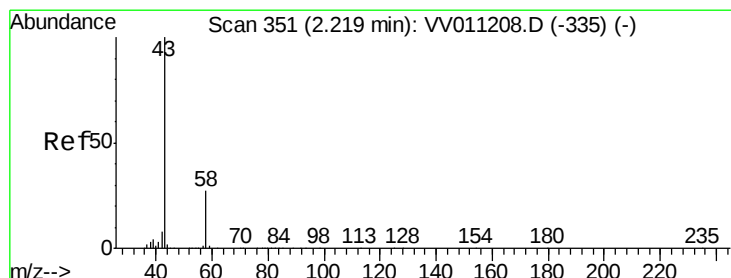
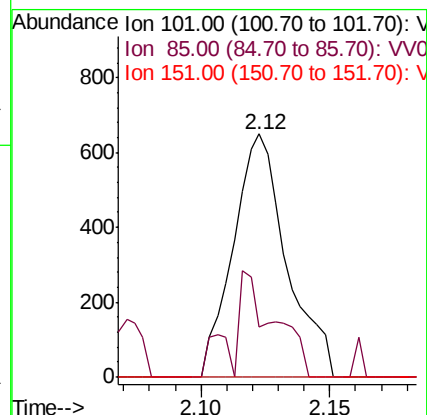
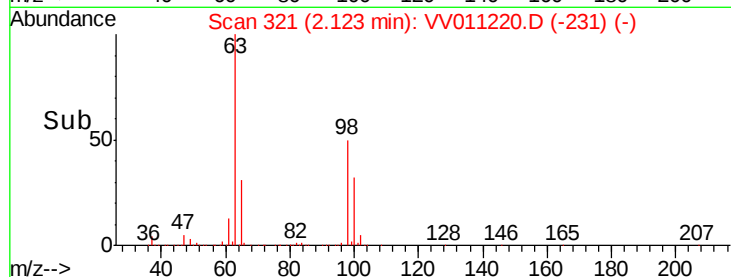
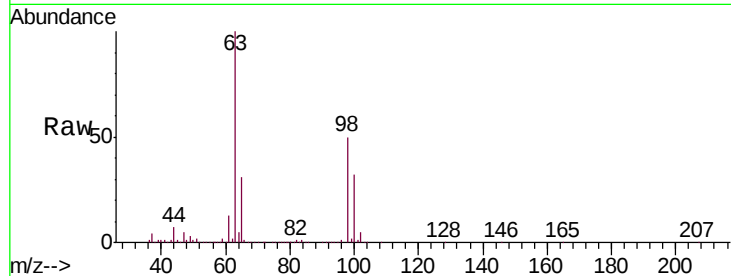
Tgt Ion:101 Resp: 938

Ion Ratio Lower Upper

101 100

85 17.1 35.5 53.3#

151 0.0 56.9 85.3#



#13

Acetone

Concen: 6.973 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.03 min

Lab File: VV011220.D

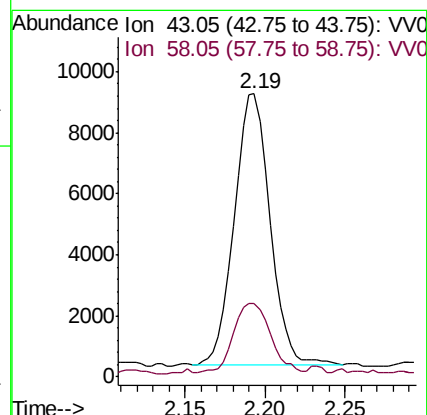
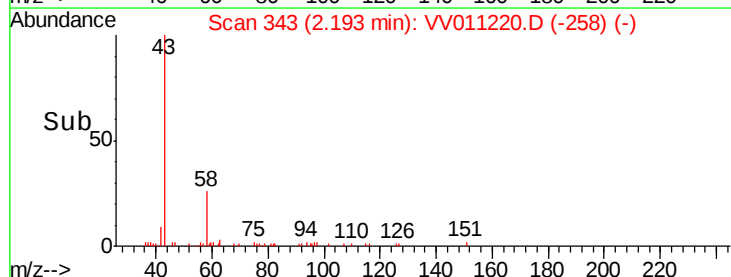
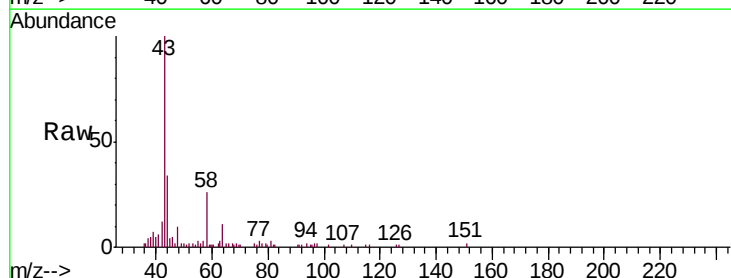
Acq: 04 Jun 2019 21:46

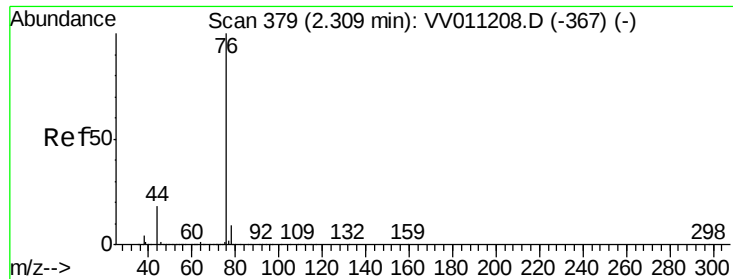
Tgt Ion: 43 Resp: 13529

Ion Ratio Lower Upper

43 100

58 26.2 0.0 55.2





#14

Carbon disulfide

Concen: 0.440 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV011220.D

Acq: 04 Jun 2019 21:46

Instrument :

MSVOA_V

ClientSampled :

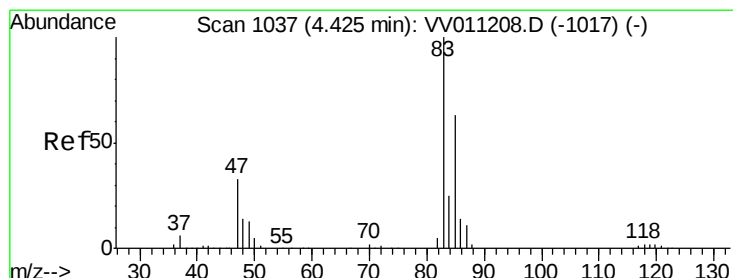
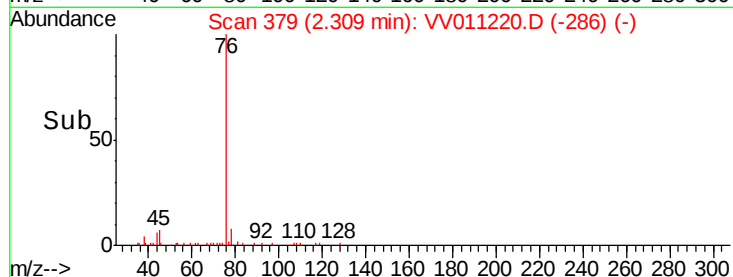
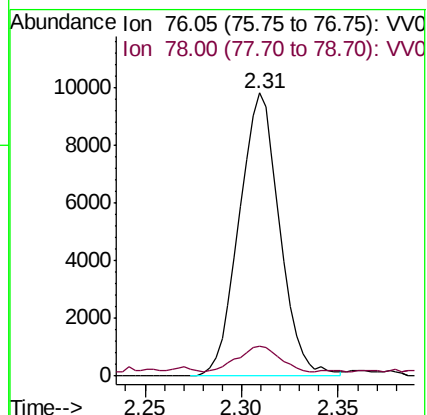
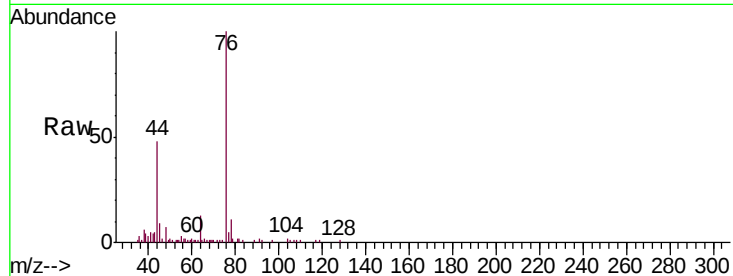
GALE5

Tgt Ion: 76 Resp: 14263

Ion Ratio Lower Upper

76 100

78 10.8 7.3 10.9



#25

Chloroform

Concen: 3.161 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV011220.D

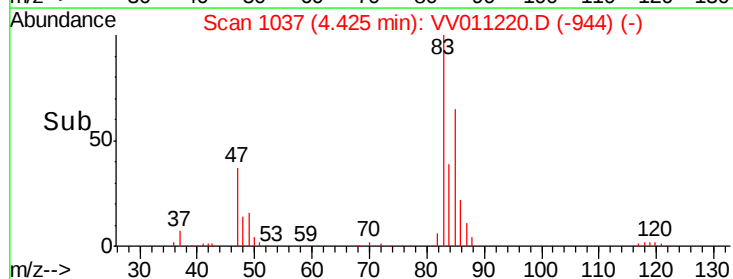
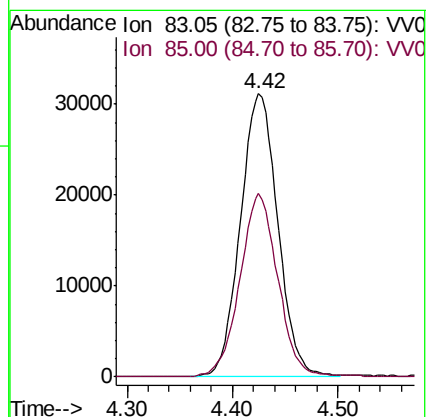
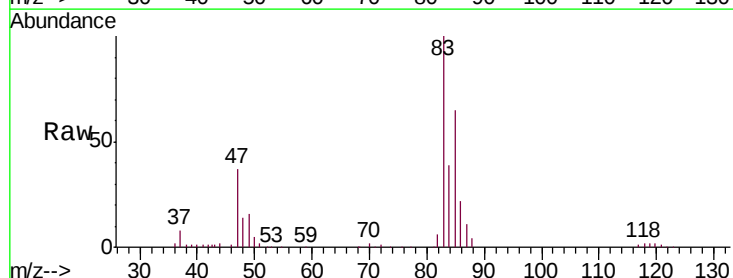
Acq: 04 Jun 2019 21:46

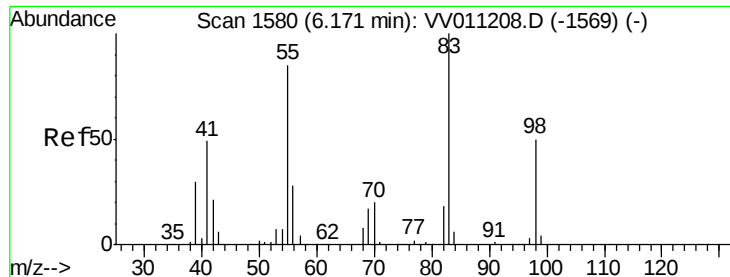
Tgt Ion: 83 Resp: 77058

Ion Ratio Lower Upper

83 100

85 64.6 44.1 81.9

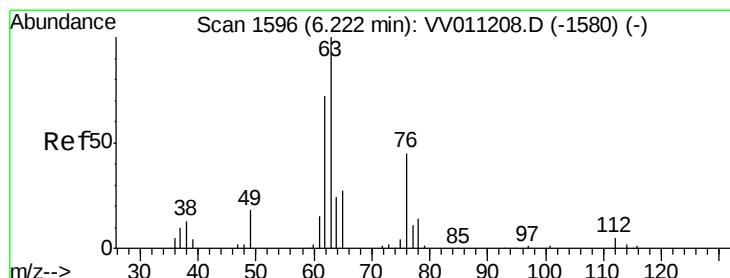
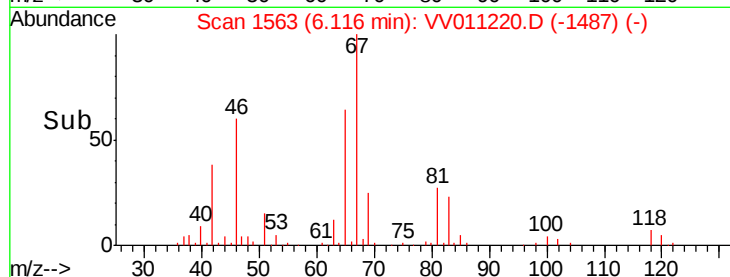
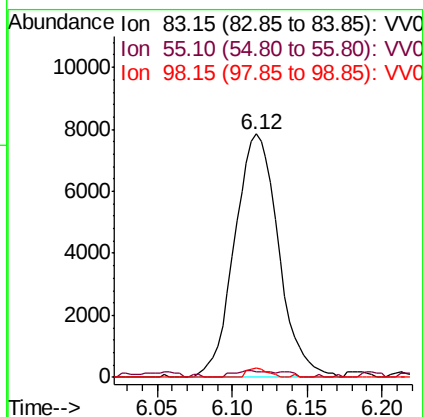
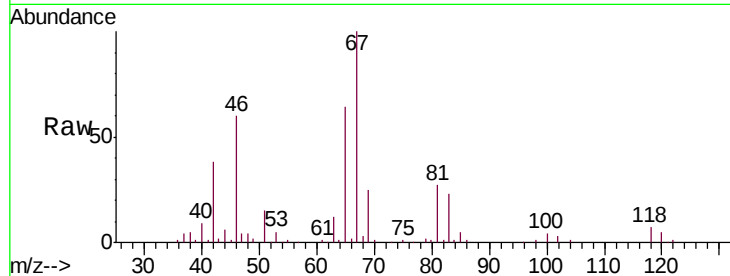




#35
Methylcyclohexane
Concen: 0.737 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011220.D
Acq: 04 Jun 2019 21:46

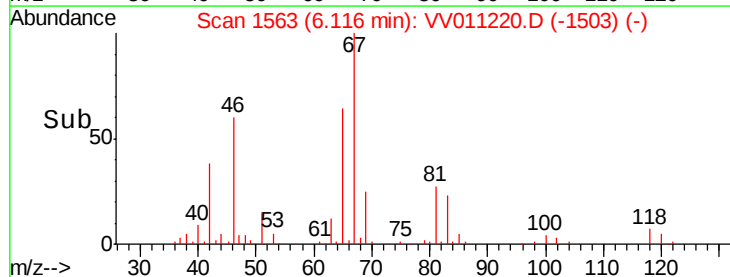
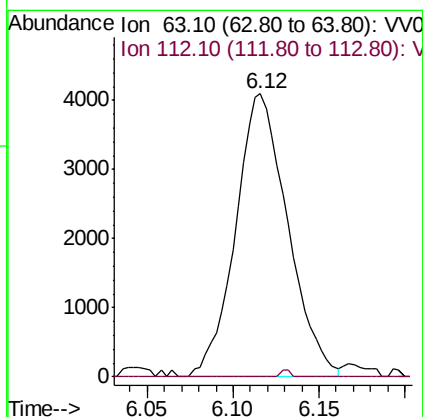
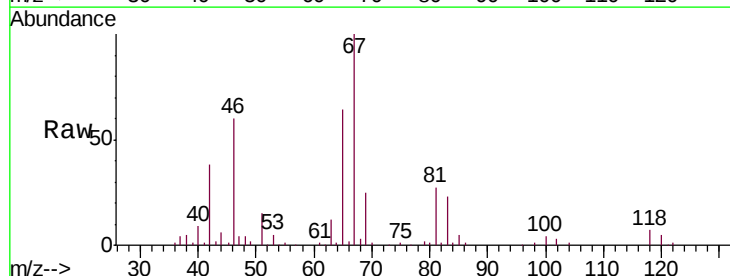
Instrument :
MSVOA_V
ClientSampleId :
GALE5

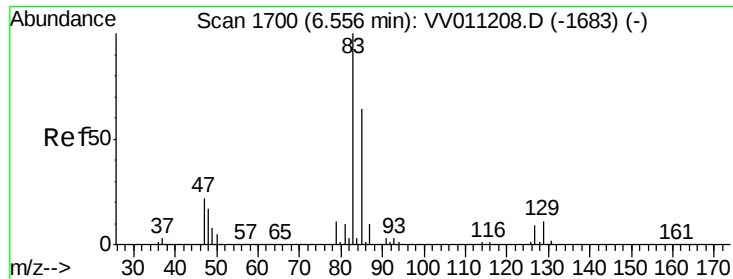
Tgt Ion: 83 Resp: 16000
Ion Ratio Lower Upper
83 100
55 2.2 67.0 100.6#
98 1.8 40.0 60.0#



#37
1,2-Dichloropropane
Concen: 0.681 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV011220.D
Acq: 04 Jun 2019 21:46

Tgt Ion: 63 Resp: 8611
Ion Ratio Lower Upper
63 100
112 0.5 3.6 5.4#





#38

Bromodichloromethane

Concen: 0.380 ug/L

RT: 6.56 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VV011220.D

Acq: 04 Jun 2019 21:46

Instrument :

MSVOA_V

ClientSampleId :

GALE5

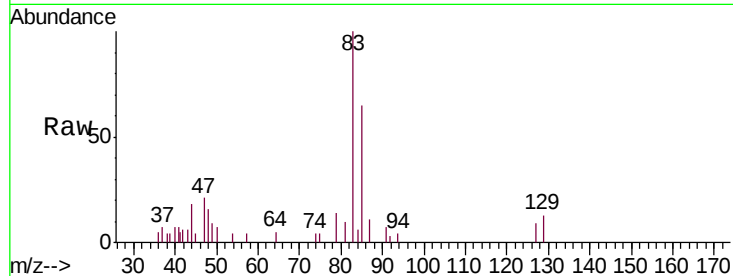
Tgt Ion: 83 Resp: 5940

Ion Ratio Lower Upper

83 100

85 64.5 44.5 82.7

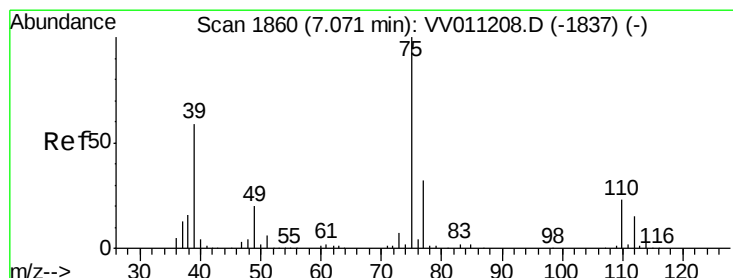
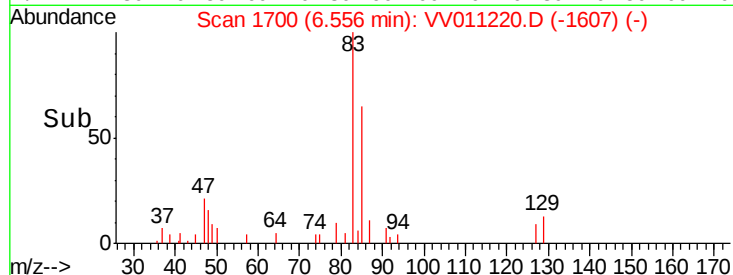
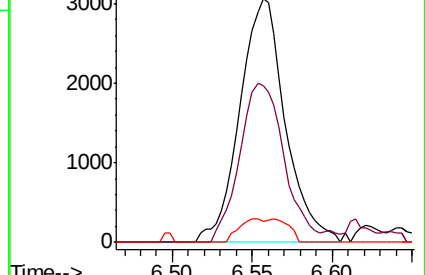
127 8.8 7.0 10.4



Abundance Ion 82.95 (82.65 to 83.65): VV011220.D (-1683) (-)

Ion 85.00 (84.70 to 85.70): VV011220.D (-1683) (-)

Ion 126.90 (126.60 to 127.60): VV011220.D (-1683) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.116 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV011220.D

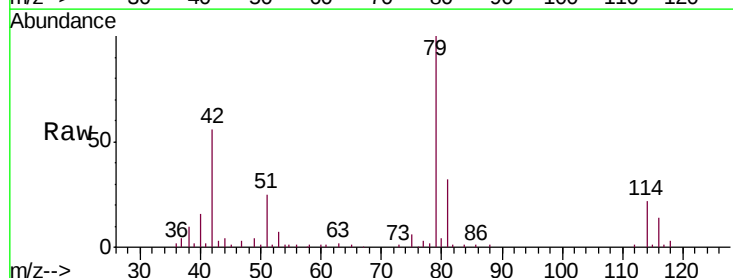
Acq: 04 Jun 2019 21:46

Tgt Ion: 75 Resp: 2138

Ion Ratio Lower Upper

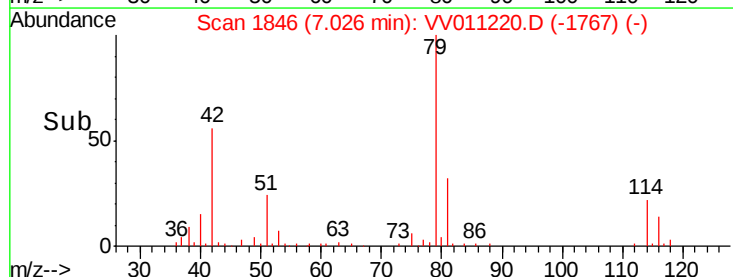
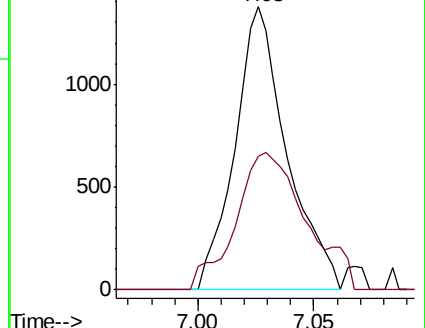
75 100

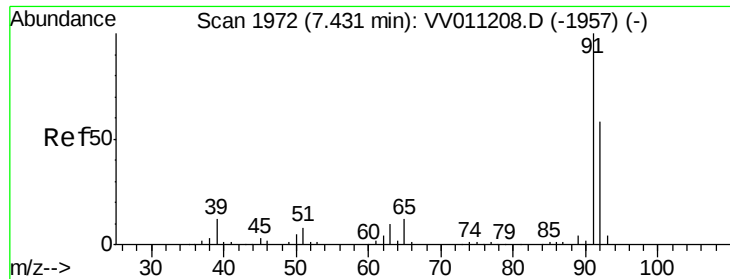
77 47.2 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VV011220.D (-1837) (-)

Ion 77.05 (76.75 to 77.75): VV011220.D (-1837) (-)





#42

Toluene

Concen: 0.103 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV011220.D

Acq: 04 Jun 2019 21:46

Instrument :
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Tgt Ion: 91 Resp: 5585

Ion Ratio Lower Upper

91 100

92 52.9 39.9 74.1

