

Data File : VV011682.D
Acq On : 21 Jun 2019 14:04
Operator : SY/MD
Sample : K3415-03DL 50X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GALPODL

Quant Time: Jun 22 04:14:46 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	158309	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	148430	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59824	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44969	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.58	69	34963	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.12	63	72050	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	3.96	46	160994	58.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.34%
24) Chloroform-d	4.40	84	90072	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.08	65	58340	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.09	84	198873	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.12	67	64083	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.36	98	169493	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.67	79	19559	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.14	63	118158	56.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.02%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46666	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	58270	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

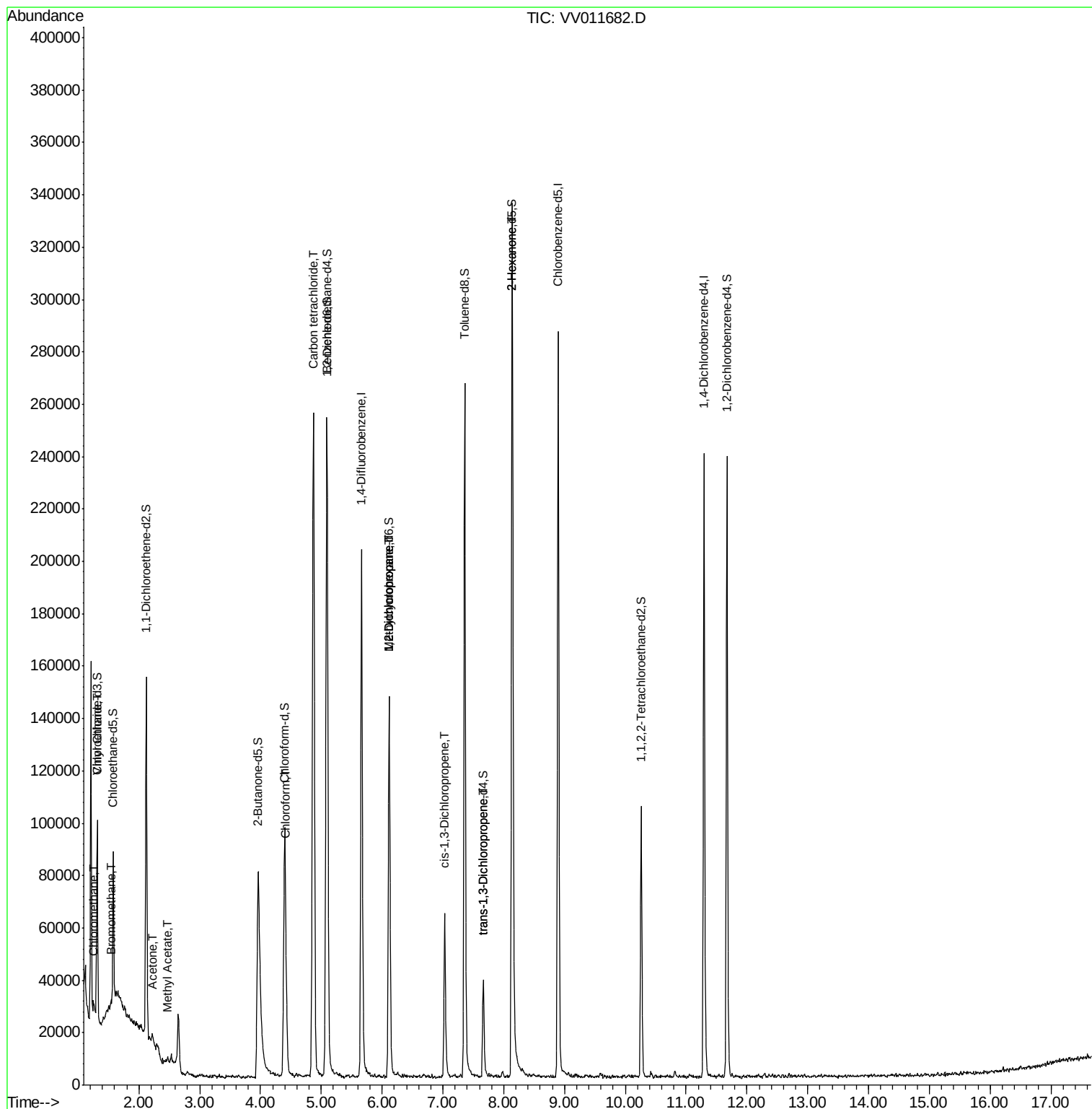
					Qvalue
3) Chloromethane	1.25	50	1335	0.089 ug/L	85
6) Bromomethane	1.54	94	1261	0.198 ug/L	98
8) Chloroethane	1.32	64	1099	0.144 ug/L	99
13) Acetone	2.22	43	5389	2.695 ug/L	83
15) Methyl Acetate	2.47	43	1456	0.292 ug/L #	58
25) Chloroform	4.42	83	13792	0.549 ug/L	99
31) Carbon tetrachloride	4.87	117	176525	10.927 ug/L	100
35) Methylcyclohexane	6.12	83	15547	0.738 ug/L #	14
37) 1,2-Dichloropropane	6.12	63	7507	0.601 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2021	0.123 ug/L #	70
44) trans-1,3-Dichloropropene	7.67	75	1004	0.083 ug/L #	79
48) 2-Hexanone	8.14	43	17455	3.168 ug/L #	71

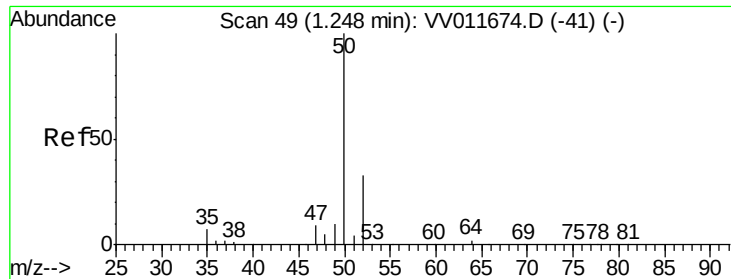
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.089 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV011682.D

Acq: 21 Jun 2019 14:04

Instrument :

MSVOA_V

ClientSampled :

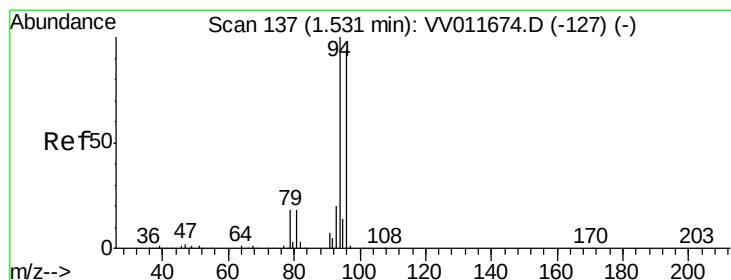
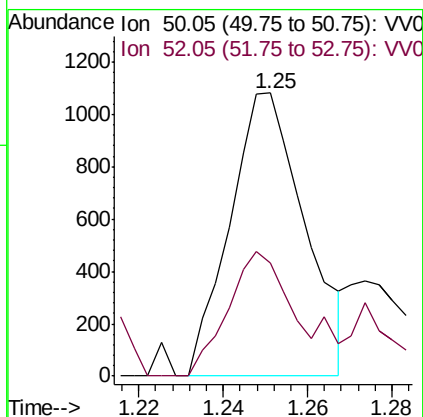
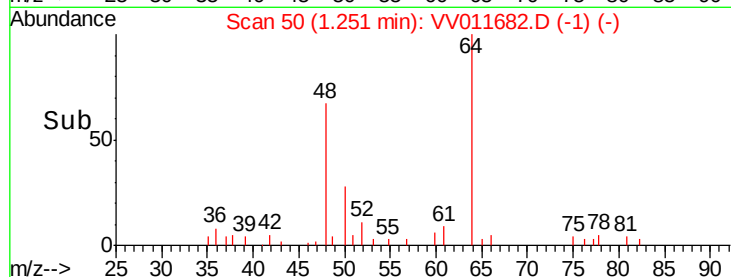
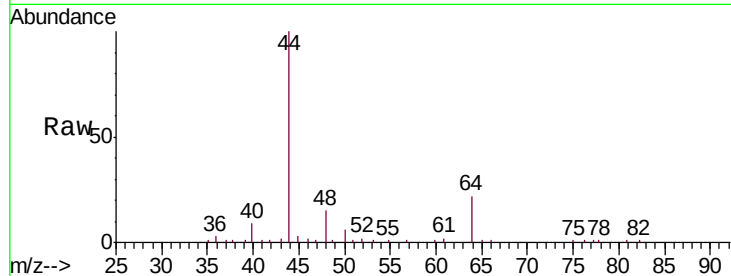
GALP0DL

Tgt Ion: 50 Resp: 1335

Ion Ratio Lower Upper

50 100

52 39.9 22.0 40.8



#6

Bromomethane

Concen: 0.198 ug/L

RT: 1.54 min Scan# 139

Delta R.T. 0.01 min

Lab File: VV011682.D

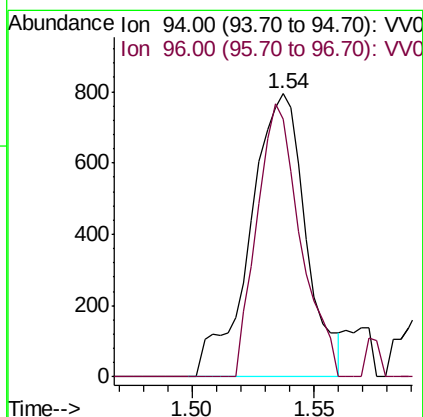
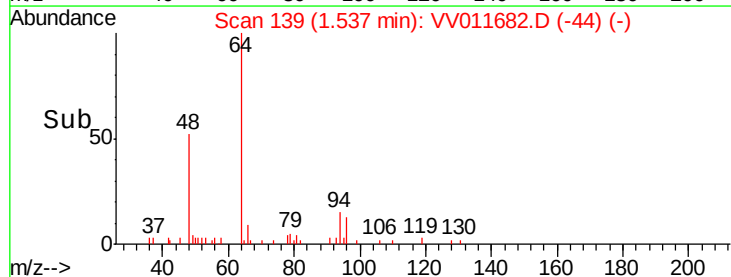
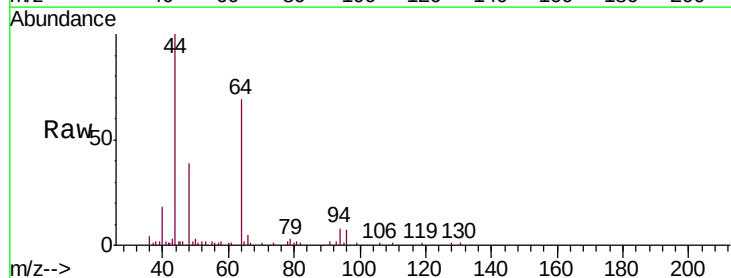
Acq: 21 Jun 2019 14:04

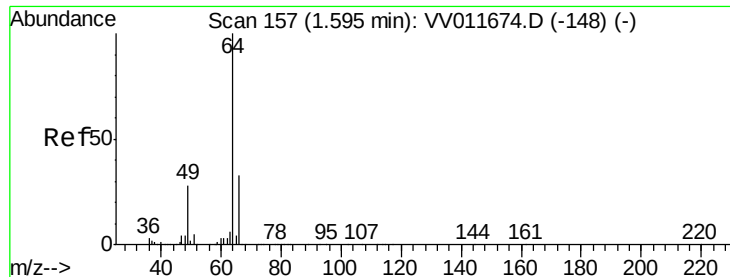
Tgt Ion: 94 Resp: 1261

Ion Ratio Lower Upper

94 100

96 91.2 65.2 121.2

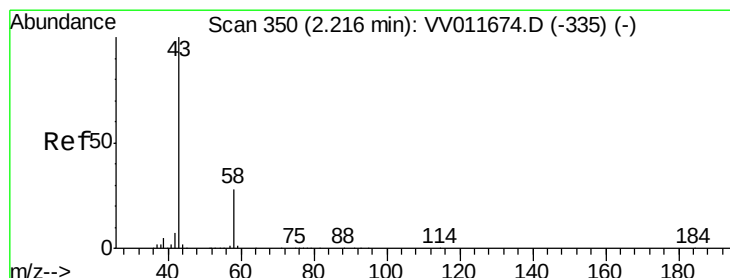
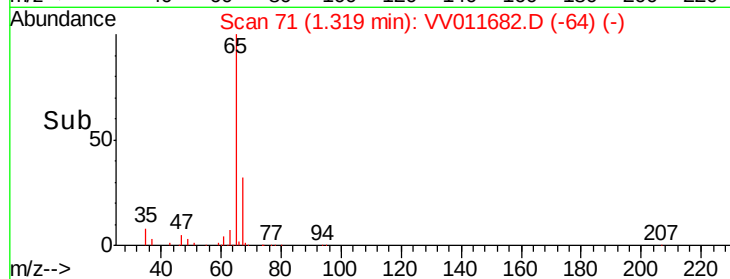
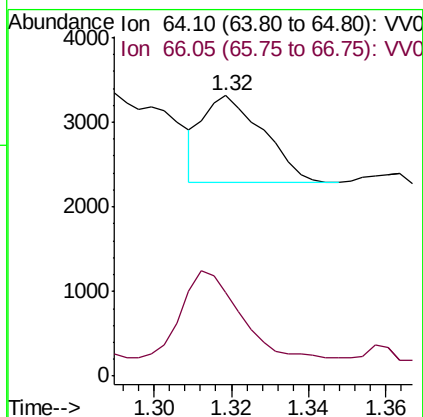
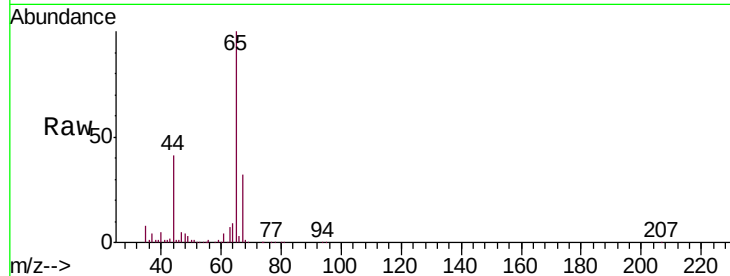




#8
Chloroethane
Concen: 0.144 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.28 min
Lab File: VV011682.D
Acq: 21 Jun 2019 14:04

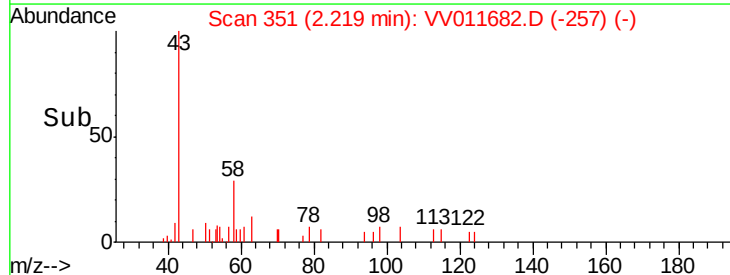
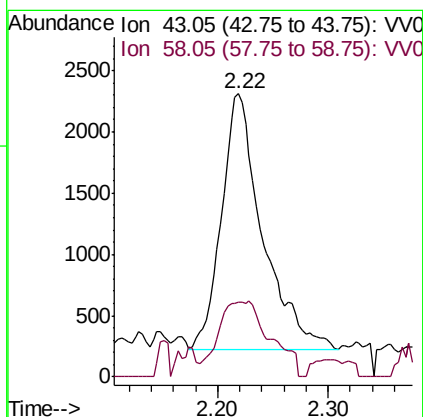
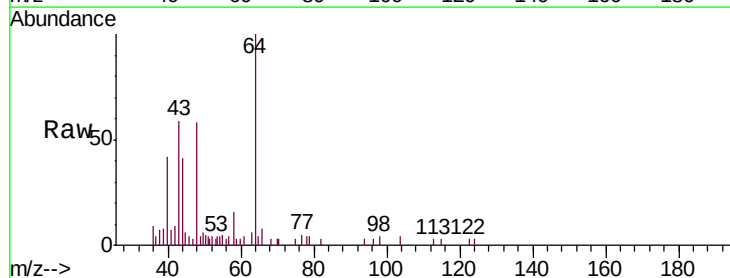
Instrument :
MSVOA_V
ClientSampleId :
GALP0DL

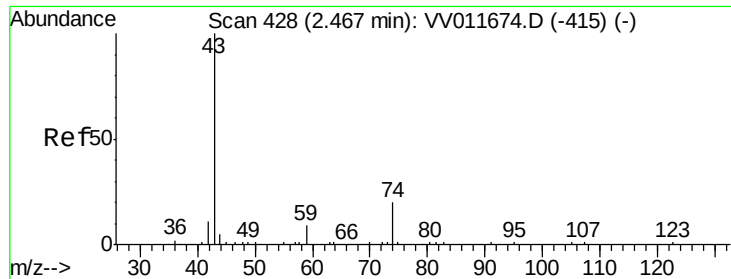
Tgt Ion: 64 Resp: 1099
Ion Ratio Lower Upper
64 100
66 29.8 20.6 38.4



#13
Acetone
Concen: 2.695 ug/L
RT: 2.22 min Scan# 351
Delta R.T. 0.00 min
Lab File: VV011682.D
Acq: 21 Jun 2019 14:04

Tgt Ion: 43 Resp: 5389
Ion Ratio Lower Upper
43 100
58 37.1 0.0 56.6

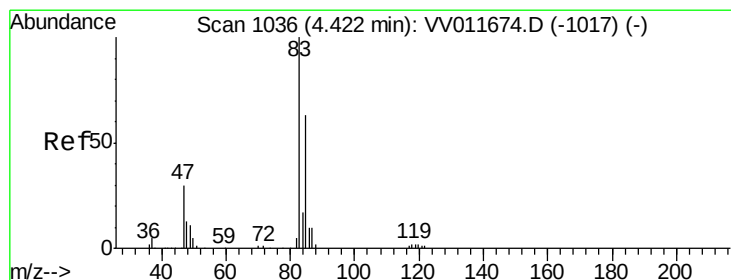
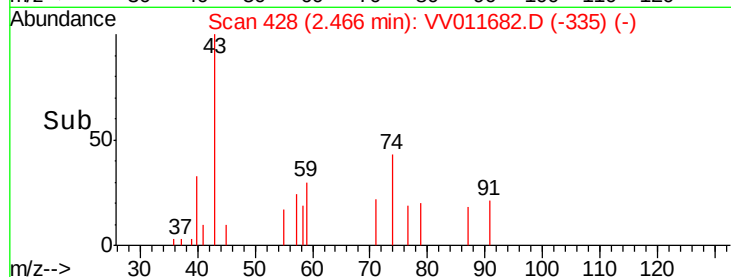
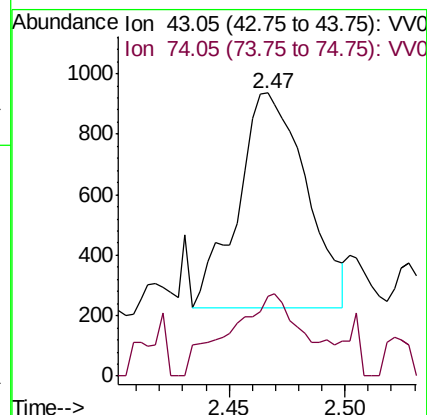
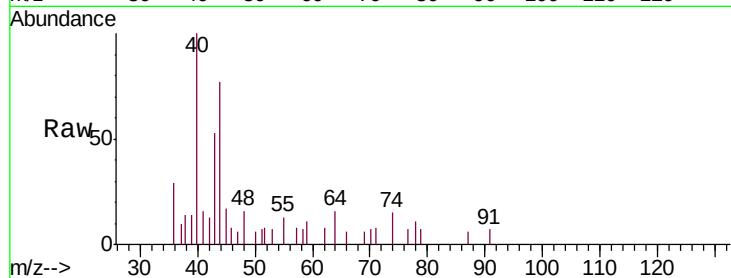




#15
Methyl Acetate
Concen: 0.292 ug/L
RT: 2.47 min Scan# 428
Delta R.T. -0.00 min
Lab File: VV011682.D
Acq: 21 Jun 2019 14:04

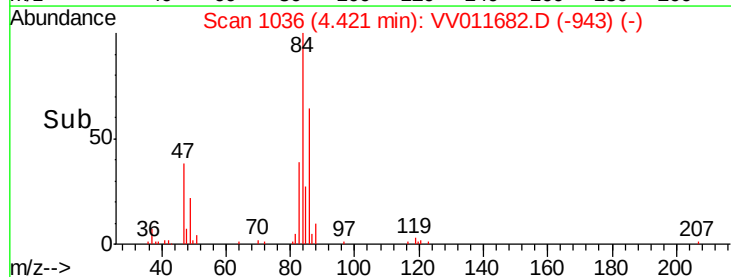
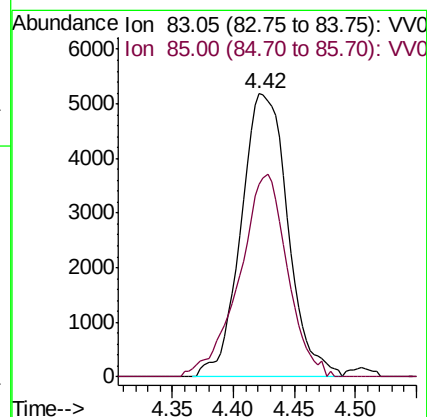
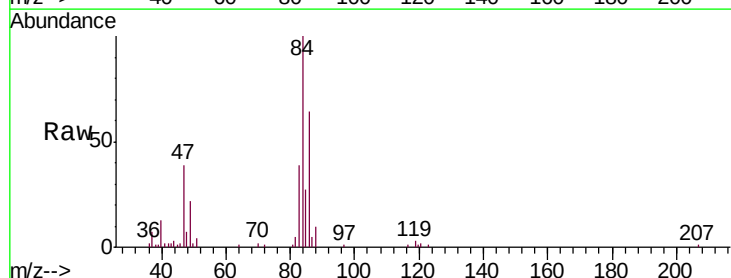
Instrument :
MSVOA_V
ClientSampleId :
GALP0DL

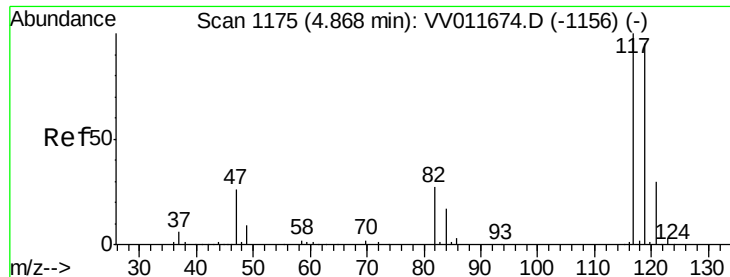
Tgt Ion: 43 Resp: 1456
Ion Ratio Lower Upper
43 100
74 39.6 16.2 24.2#



#25
Chloroform
Concen: 0.549 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV011682.D
Acq: 21 Jun 2019 14:04

Tgt Ion: 83 Resp: 13792
Ion Ratio Lower Upper
83 100
85 68.0 47.0 87.2





#31

Carbon tetrachloride

Concen: 10.927 ug/L

RT: 4.87 min Scan# 1176

Delta R.T. 0.00 min

Lab File: VV011682.D

Acq: 21 Jun 2019 14:04

Instrument :

MSVOA_V

ClientSampleId :

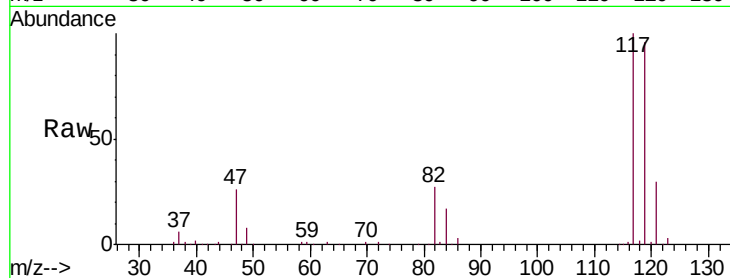
GALP0DL

Tgt Ion:117 Resp: 176525

Ion Ratio Lower Upper

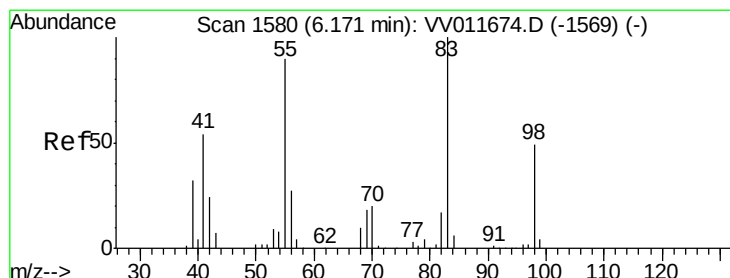
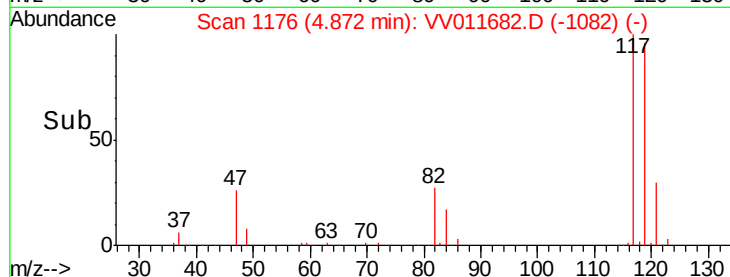
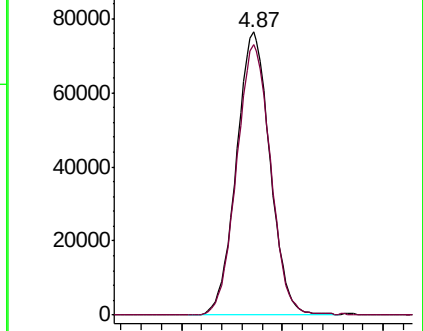
117 100

119 96.4 77.1 115.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#35

Methylcyclohexane

Concen: 0.738 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011682.D

Acq: 21 Jun 2019 14:04

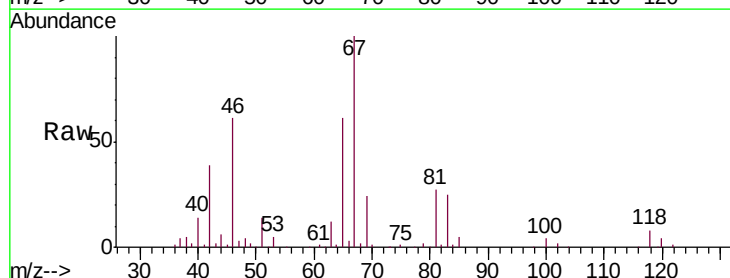
Tgt Ion: 83 Resp: 15547

Ion Ratio Lower Upper

83 100

55 0.6 69.4 104.2#

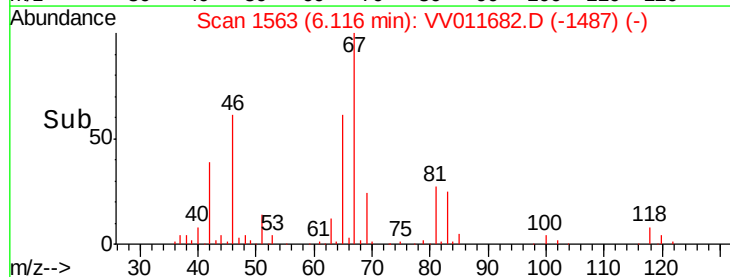
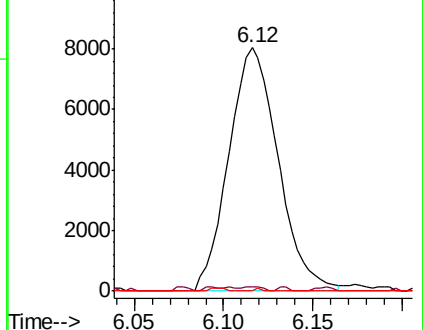
98 0.1 40.2 60.4#

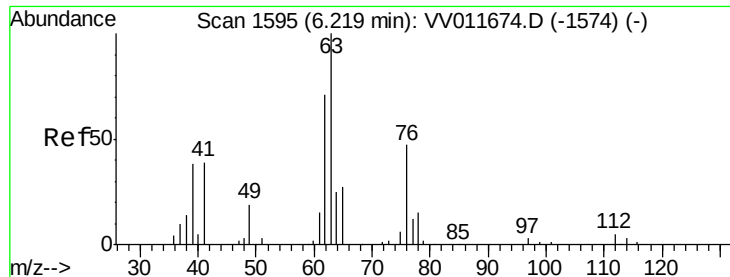


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

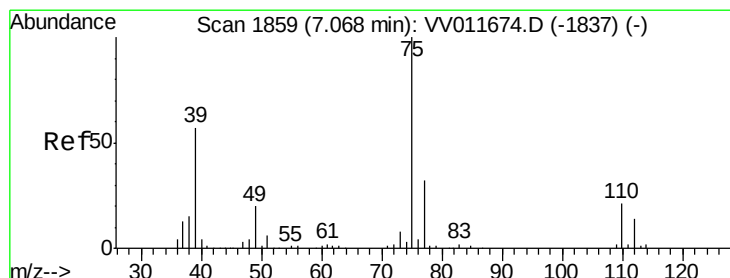
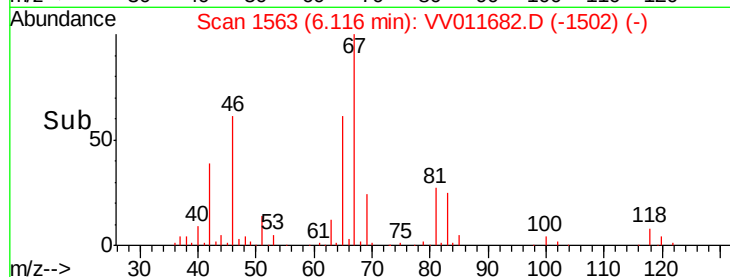
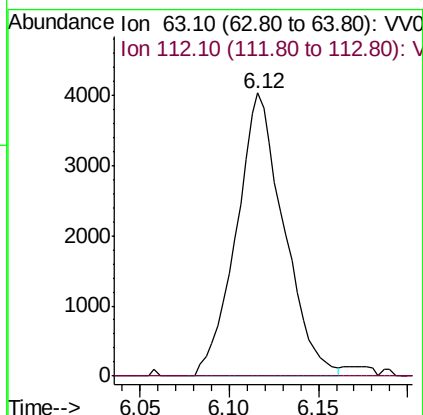
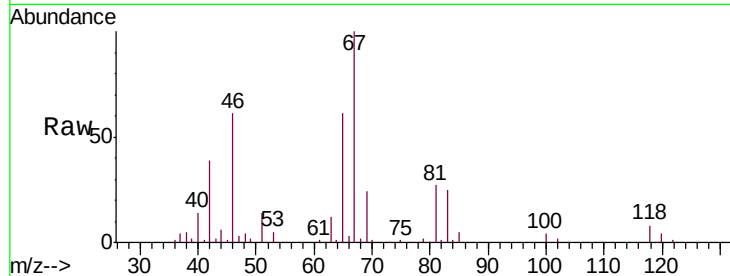




#37
 1,2-Dichloropropane
 Concen: 0.601 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011682.D
 Acq: 21 Jun 2019 14:04

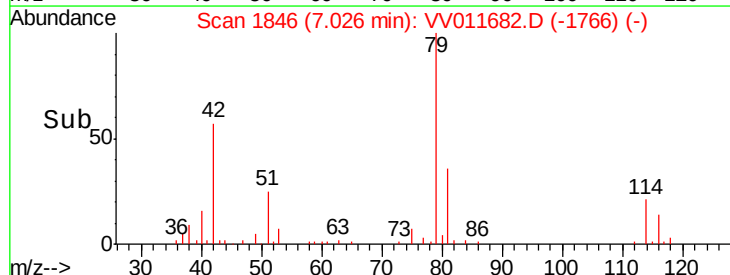
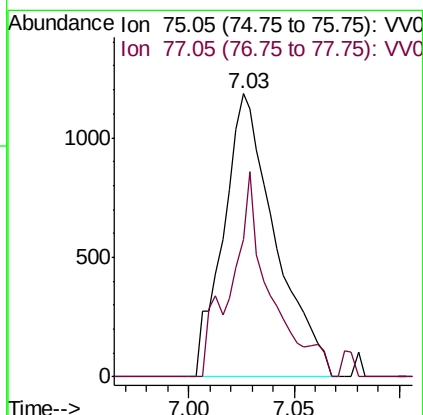
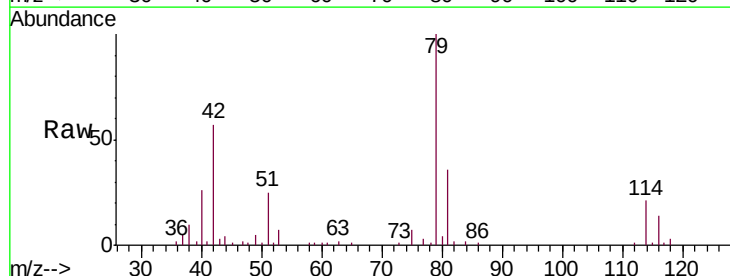
Instrument :
 MSVOA_V
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 GALP0DL

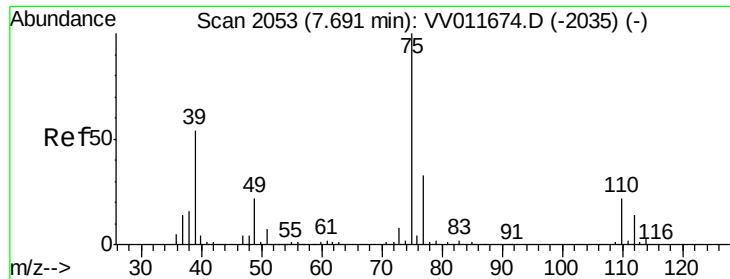
Tgt Ion: 63 Resp: 7507
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.123 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV011682.D
 Acq: 21 Jun 2019 14:04

Tgt Ion: 75 Resp: 2021
 Ion Ratio Lower Upper
 75 100
 77 48.8 22.4 41.6#

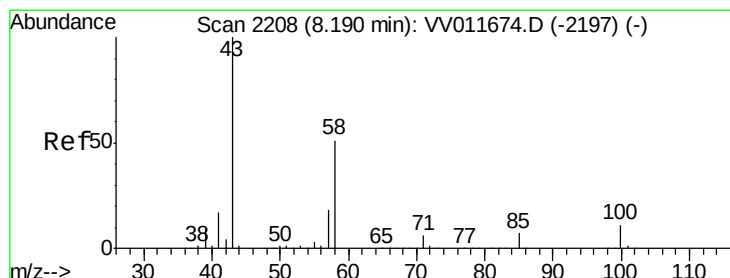
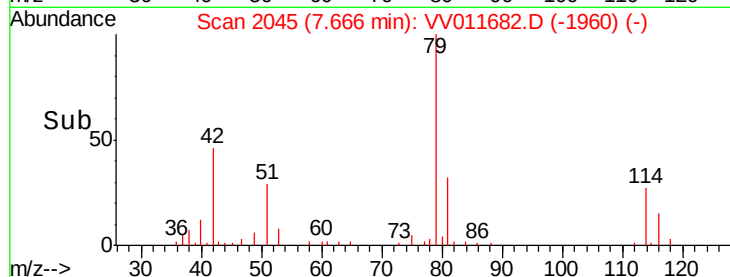
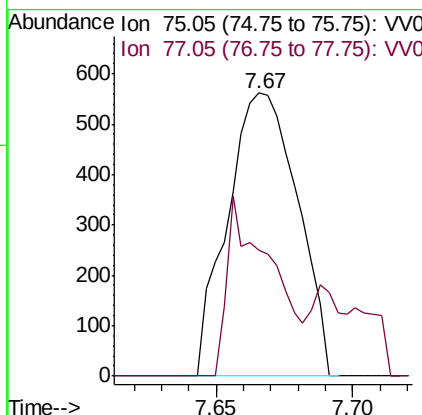
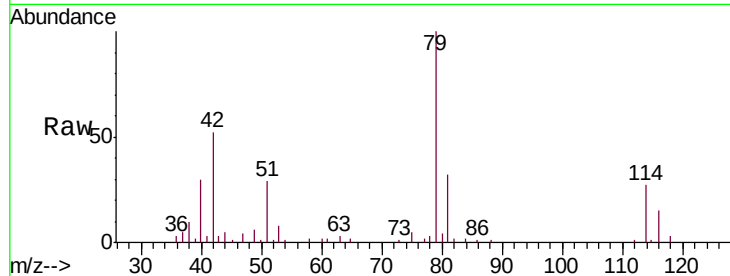




#44
trans-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV011682.D
Acq: 21 Jun 2019 14:04

Instrument :
MSVOA_V
ClientSampleId :
GALPODL

Tgt Ion: 75 Resp: 1004
Ion Ratio Lower Upper
75 100
77 44.3 22.7 42.1#



#48
2-Hexanone
Concen: 3.168 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV011682.D
Acq: 21 Jun 2019 14:04

Tgt Ion: 43 Resp: 17455
Ion Ratio Lower Upper
43 100
58 26.7 40.1 60.1#
57 25.1 14.4 21.6#
100 0.6 8.6 12.8#

