

Data File : VV011686.D
Acq On : 21 Jun 2019 15:42
Operator : SY/MD
Sample : K3415-05DL 10X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GALP2DL

Quant Time: Jun 22 04:15:25 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	158035	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	150908	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60228	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	47302	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.57	69	30198	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.00%
11) 1,1-Dichloroethene-d2	2.11	63	74479	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.97	46	170014	61.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.06%
24) Chloroform-d	4.40	84	89561	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.08	65	60522	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.09	84	207597	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.12	67	65882	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.36	98	175980	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.67	79	20732	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.14	63	126163	59.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.70%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	48574	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	61057	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

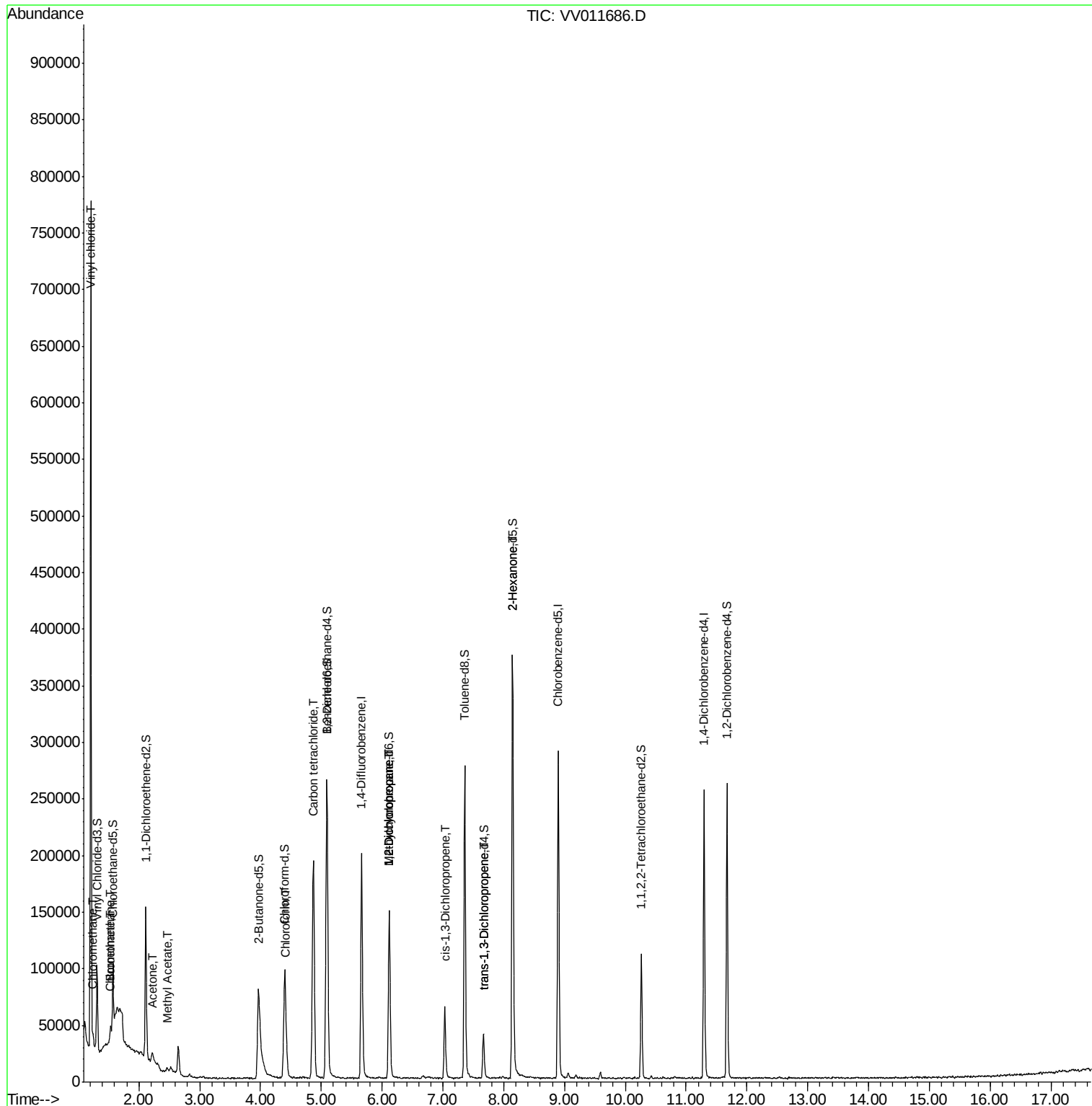
					Qvalue
3) Chloromethane	1.25	50	3560	0.239 ug/L	92
5) Vinyl chloride	1.21	62	5386	0.369 ug/L	97
6) Bromomethane	1.53	94	3304	0.519 ug/L	95
8) Chloroethane	1.51	64	1195	0.156 ug/L #	55
13) Acetone	2.22	43	12399	6.212 ug/L	99
15) Methyl Acetate	2.47	43	4646	0.935 ug/L	99
25) Chloroform	4.42	83	16273	0.648 ug/L	95
31) Carbon tetrachloride	4.87	117	136350	8.301 ug/L	98
35) Methylcyclohexane	6.12	83	15457	0.722 ug/L #	14
37) 1,2-Dichloropropane	6.12	63	8387	0.660 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1904	0.114 ug/L	83
44) trans-1,3-Dichloropropene	7.66	75	1017	0.082 ug/L	91
48) 2-Hexanone	8.14	43	18038	3.220 ug/L #	71

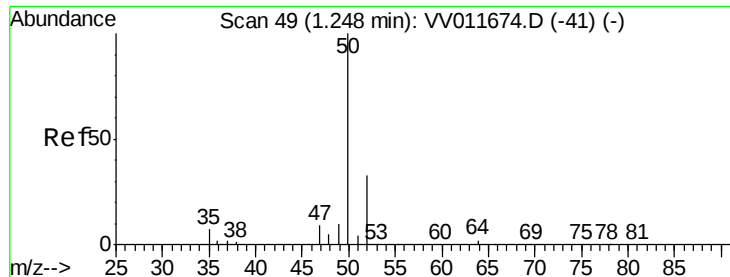
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.239 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011686.D

Acq: 21 Jun 2019 15:42

Instrument :

MSVOA_V

ClientSampleId :

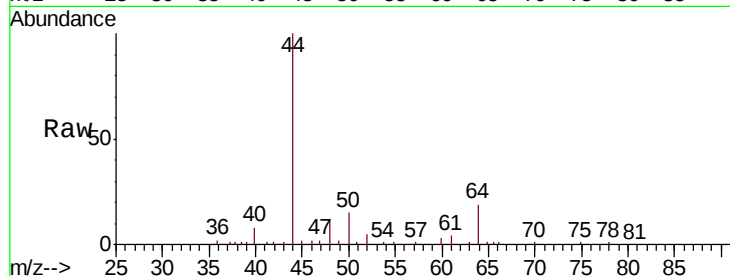
GALP2DL

Tgt Ion: 50 Resp: 3560

Ion Ratio Lower Upper

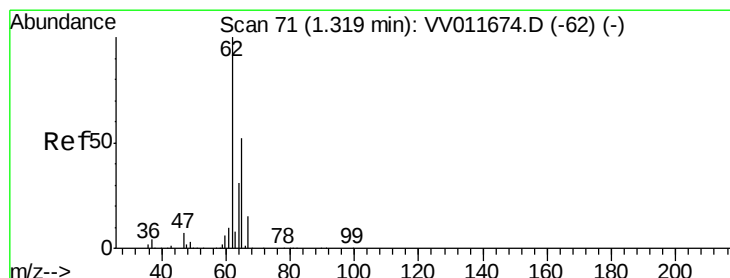
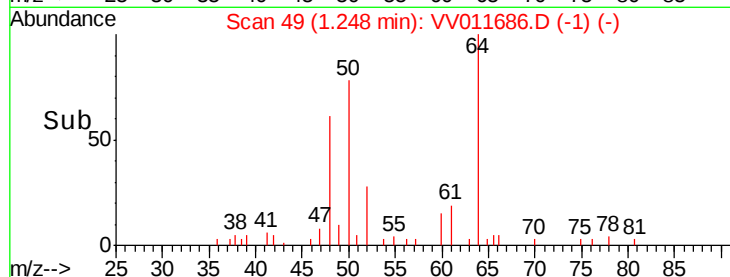
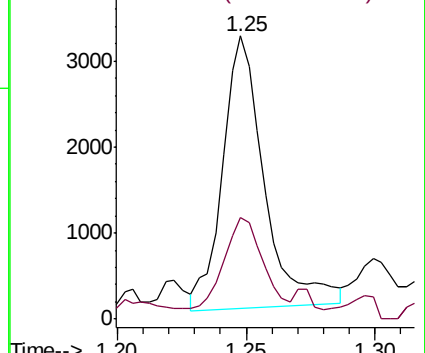
50 100

52 35.7 22.0 40.8



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#5

Vinyl chloride

Concen: 0.369 ug/L

RT: 1.21 min Scan# 37

Delta R.T. -0.11 min

Lab File: VV011686.D

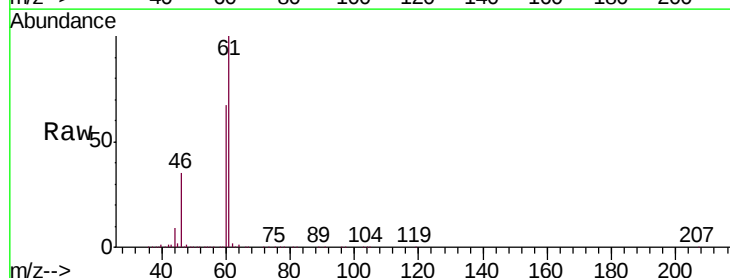
Acq: 21 Jun 2019 15:42

Tgt Ion: 62 Resp: 5386

Ion Ratio Lower Upper

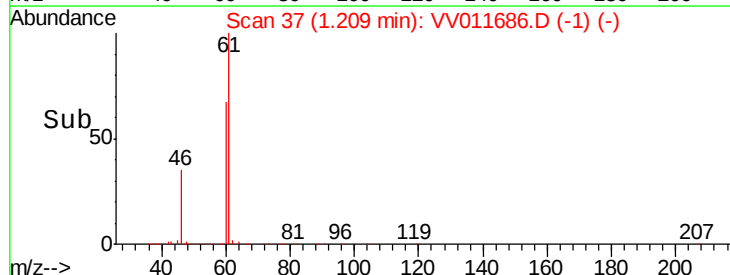
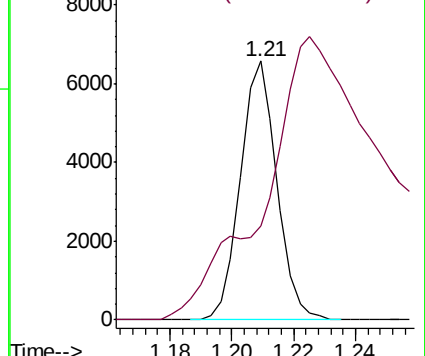
62 100

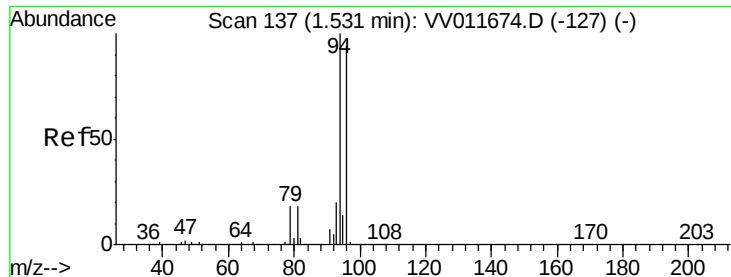
64 36.2 24.1 44.7



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0





#6

Bromomethane

Concen: 0.519 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

Lab File: VV011686.D

Acq: 21 Jun 2019 15:42

Instrument :

MSVOA_V

ClientSampleId :

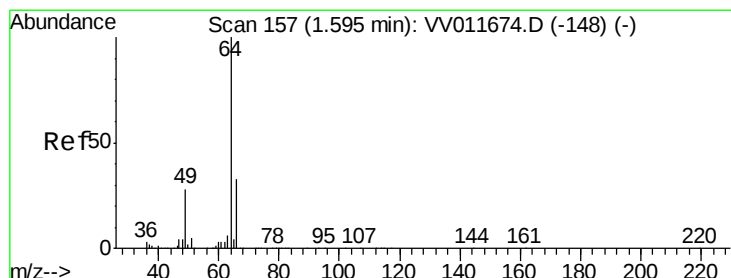
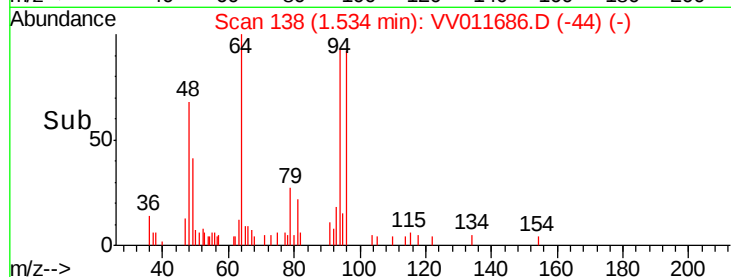
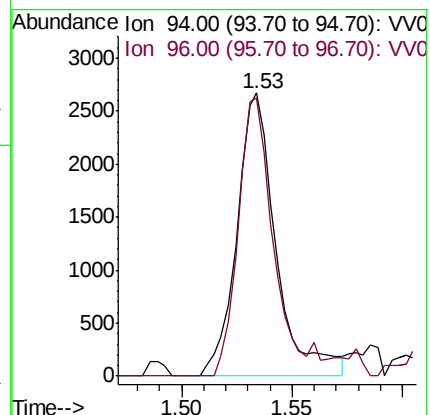
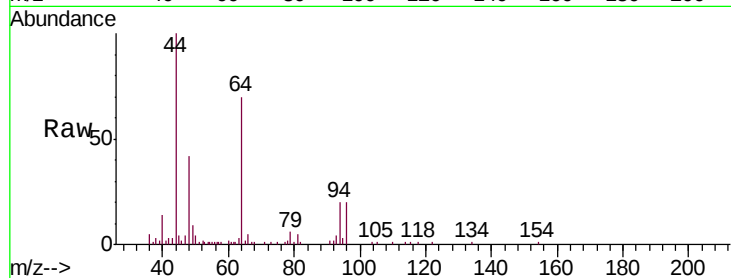
GALP2DL

Tgt Ion: 94 Resp: 3304

Ion Ratio Lower Upper

94 100

96 98.4 65.2 121.2



#8

Chloroethane

Concen: 0.156 ug/L

RT: 1.51 min Scan# 131

Delta R.T. -0.08 min

Lab File: VV011686.D

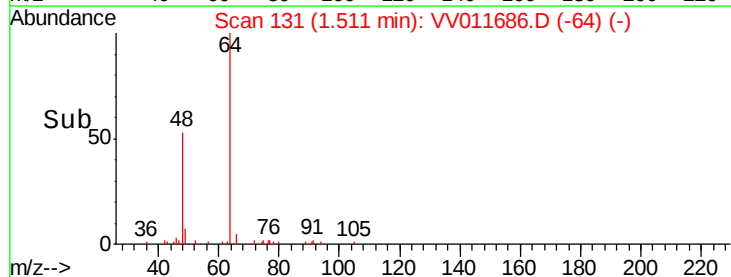
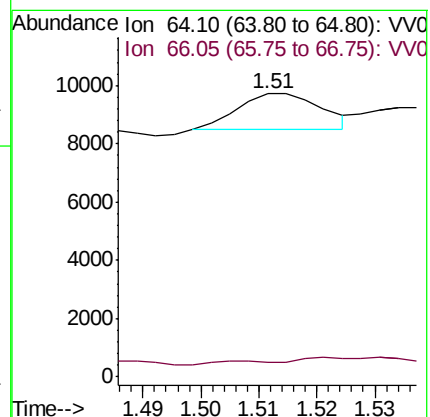
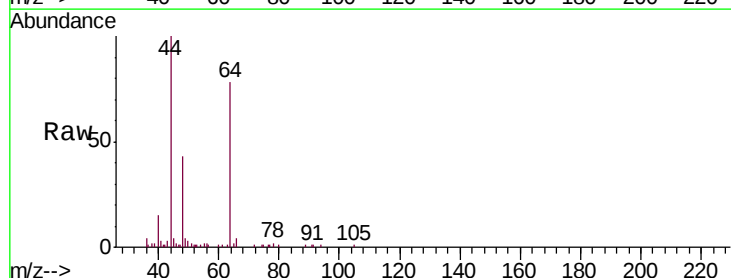
Acq: 21 Jun 2019 15:42

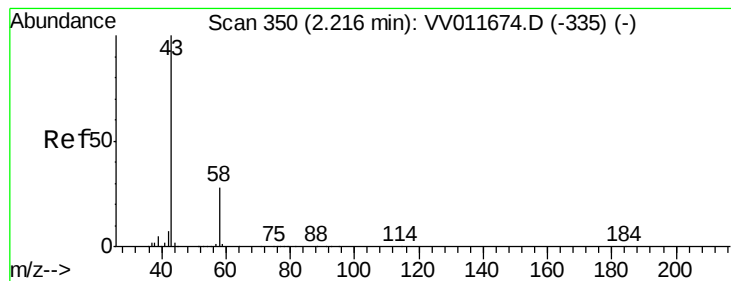
Tgt Ion: 64 Resp: 1195

Ion Ratio Lower Upper

64 100

66 5.2 20.6 38.4#





#13

Acetone

Concen: 6.212 ug/L

RT: 2.22 min Scan# 352

Delta R.T. 0.01 min

Lab File: VV011686.D

Acq: 21 Jun 2019 15:42

Instrument :

MSVOA_V

ClientSampleId :

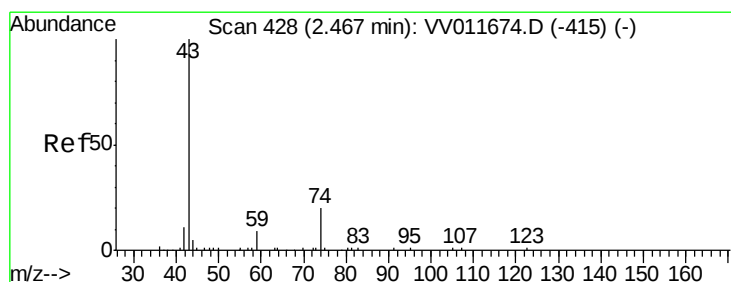
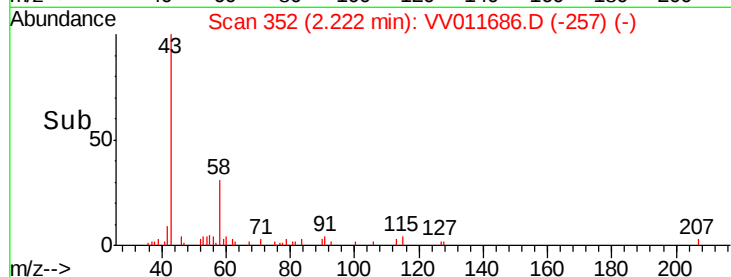
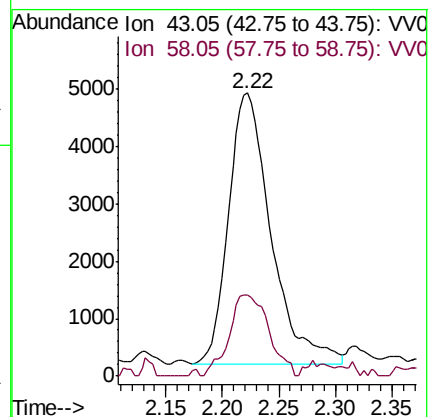
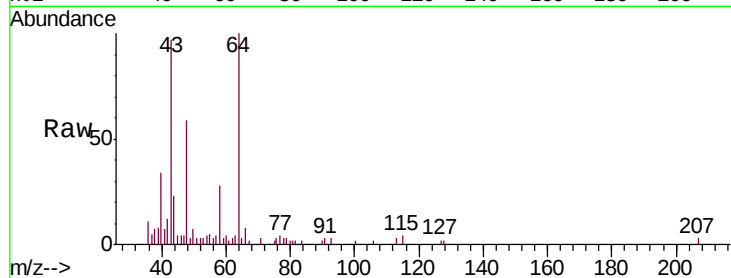
GALP2DL

Tgt Ion: 43 Resp: 12399

Ion Ratio Lower Upper

43 100

58 27.9 0.0 56.6



#15

Methyl Acetate

Concen: 0.935 ug/L

RT: 2.47 min Scan# 429

Delta R.T. 0.00 min

Lab File: VV011686.D

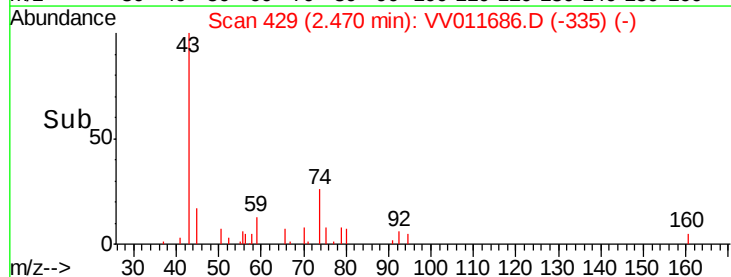
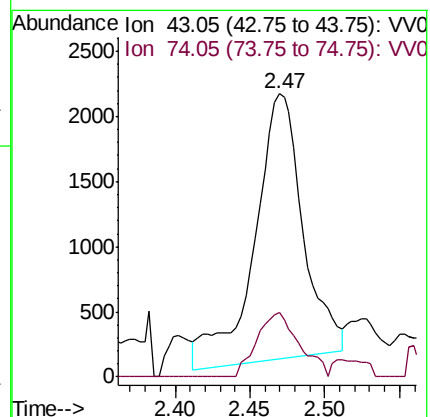
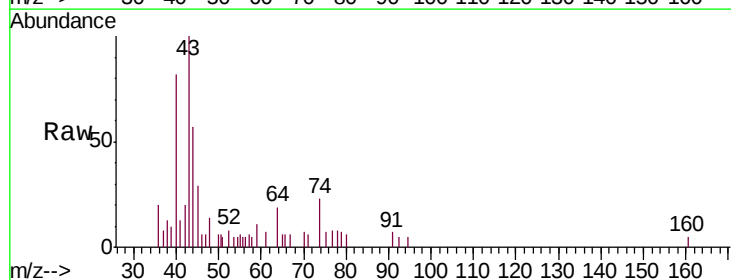
Acq: 21 Jun 2019 15:42

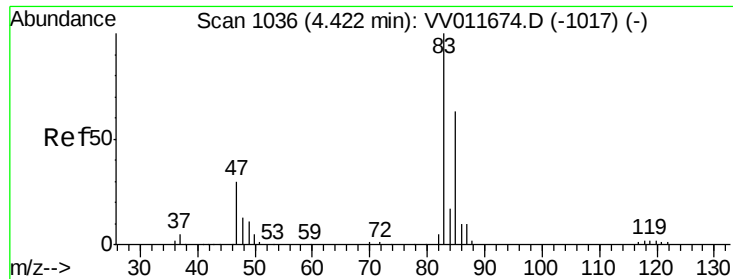
Tgt Ion: 43 Resp: 4646

Ion Ratio Lower Upper

43 100

74 20.8 16.2 24.2

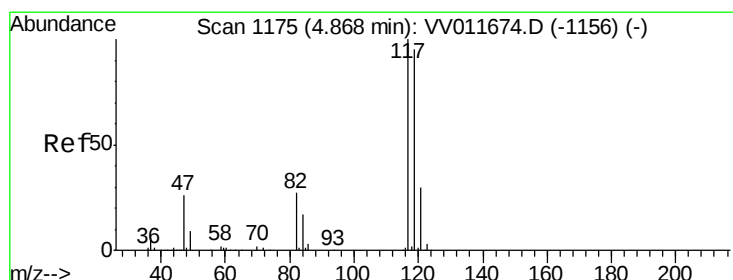
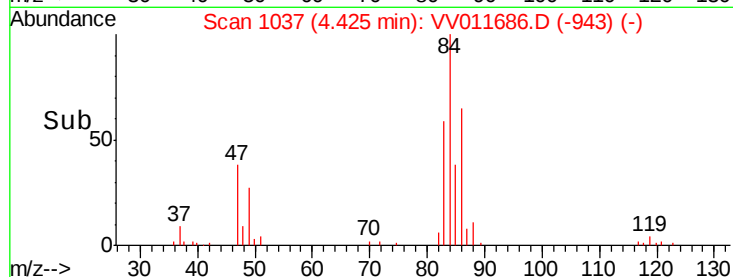
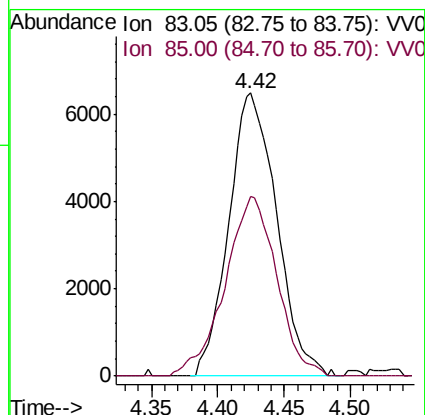
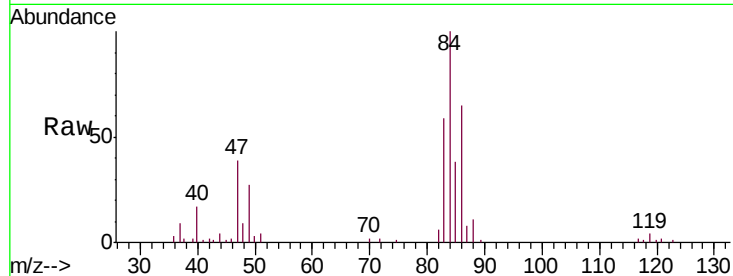




#25
Chloroform
Concen: 0.648 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV011686.D
Acq: 21 Jun 2019 15:42

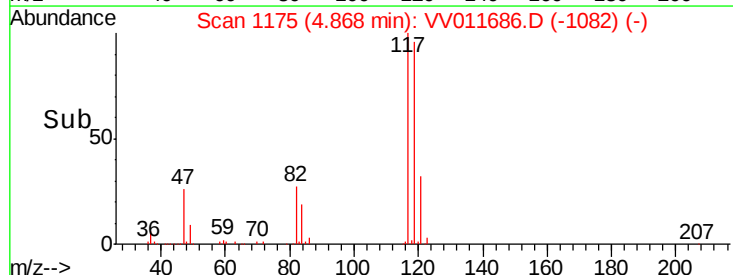
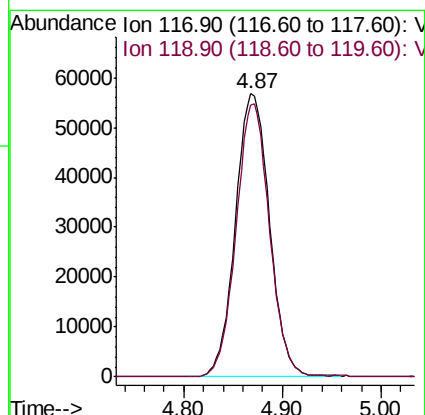
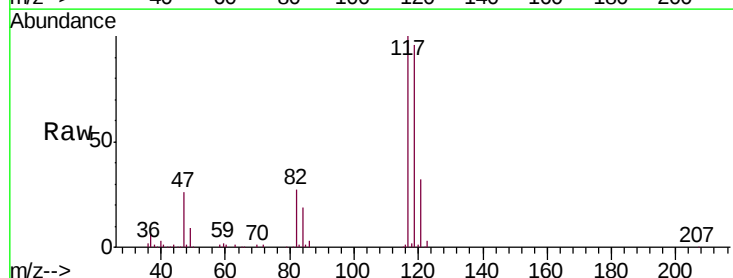
Instrument :
MSVOA_V
ClientSampleId :
GALP2DL

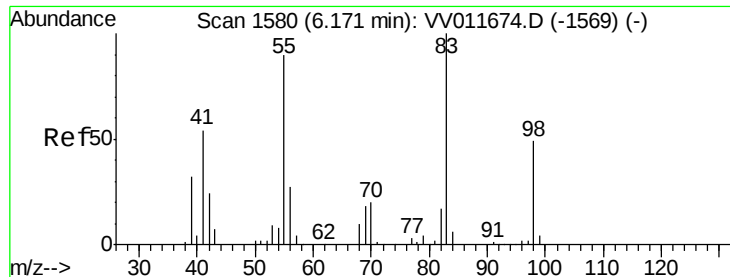
Tgt Ion: 83 Resp: 16273
Ion Ratio Lower Upper
83 100
85 63.5 47.0 87.2



#31
Carbon tetrachloride
Concen: 8.301 ug/L
RT: 4.87 min Scan# 1175
Delta R.T. -0.00 min
Lab File: VV011686.D
Acq: 21 Jun 2019 15:42

Tgt Ion: 117 Resp: 136350
Ion Ratio Lower Upper
117 100
119 94.4 77.1 115.7





#35

Methylcyclohexane

Concen: 0.722 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV011686.D

Acq: 21 Jun 2019 15:42

Instrument :

MSVOA_V

ClientSampleId :

GALP2DL

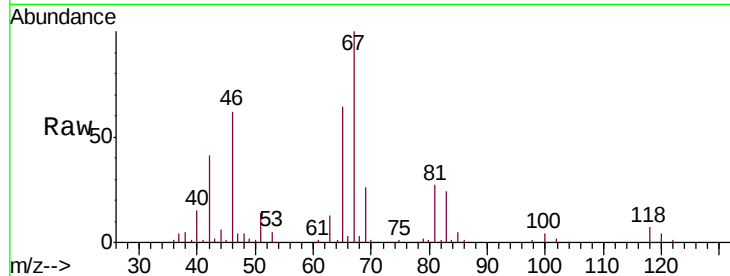
Tgt Ion: 83 Resp: 15457

Ion Ratio Lower Upper

83 100

55 0.3 69.4 104.2#

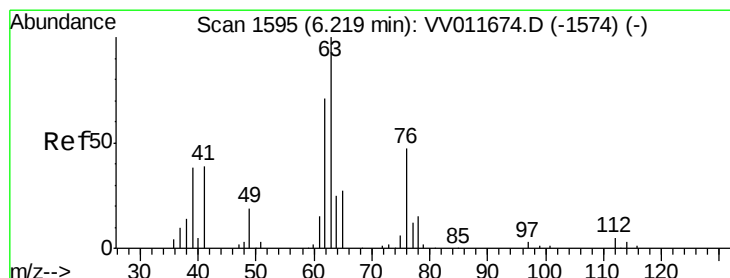
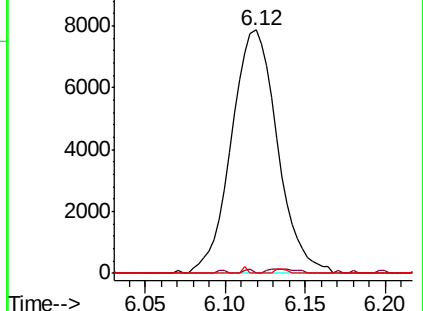
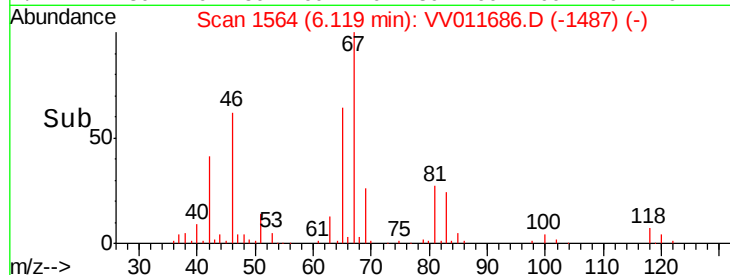
98 0.3 40.2 60.4#



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: 0.660 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV011686.D

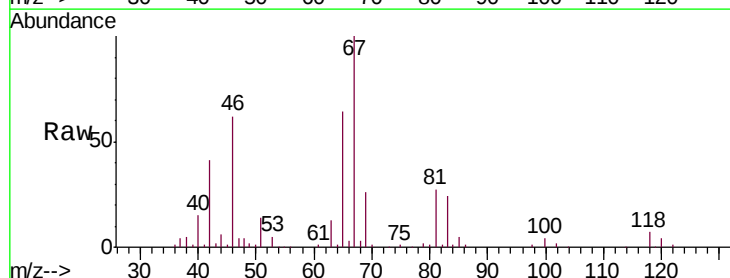
Acq: 21 Jun 2019 15:42

Tgt Ion: 63 Resp: 8387

Ion Ratio Lower Upper

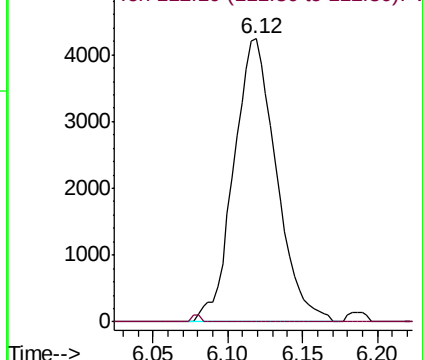
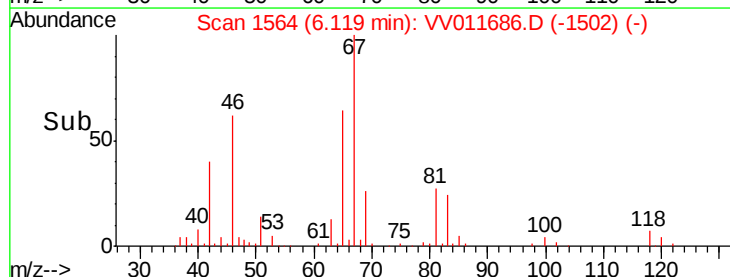
63 100

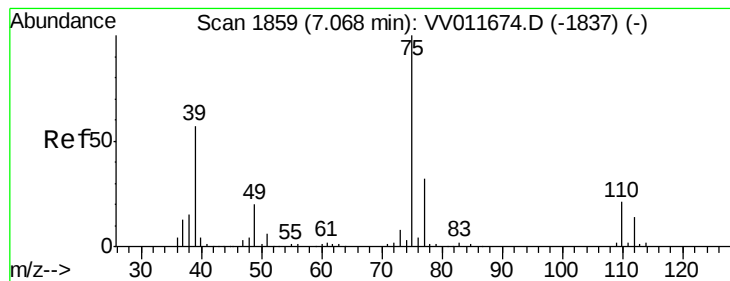
112 0.5 3.4 5.2#



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: 0.114 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV011686.D

Acq: 21 Jun 2019 15:42

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MSVOA_V

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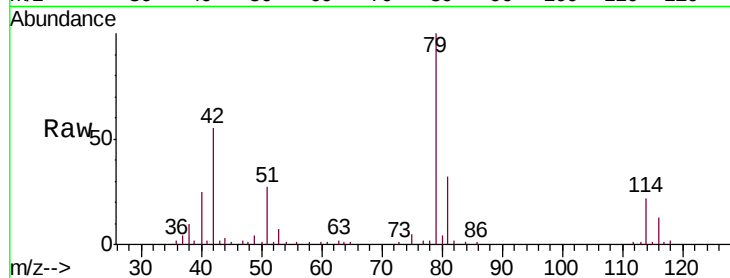
GALP2DL

Tgt Ion: 75 Resp: 1904

Ion Ratio Lower Upper

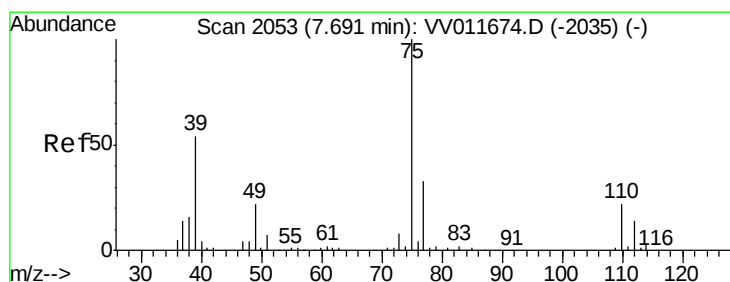
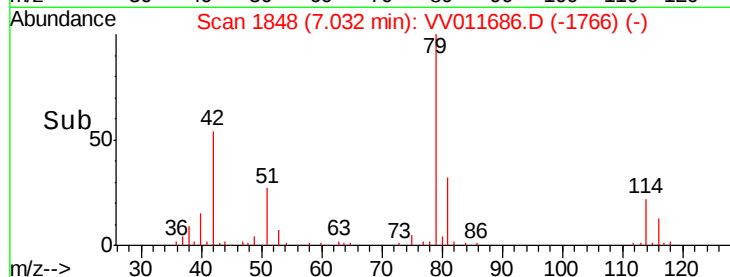
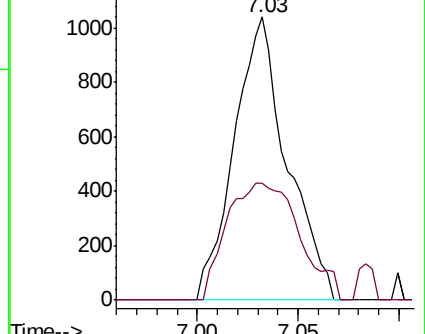
75 100

77 41.2 22.4 41.6



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV011686.D

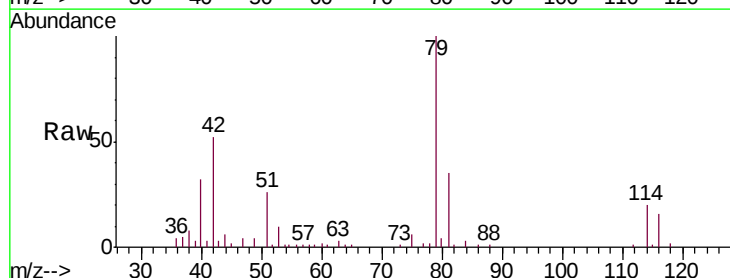
Acq: 21 Jun 2019 15:42

Tgt Ion: 75 Resp: 1017

Ion Ratio Lower Upper

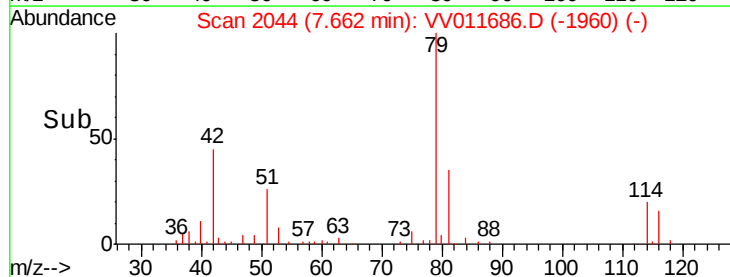
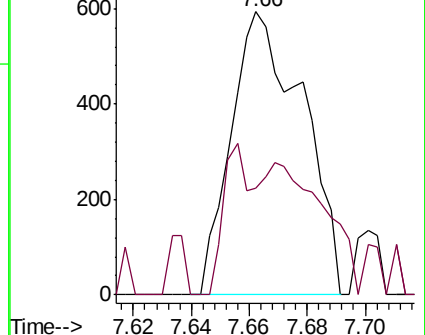
75 100

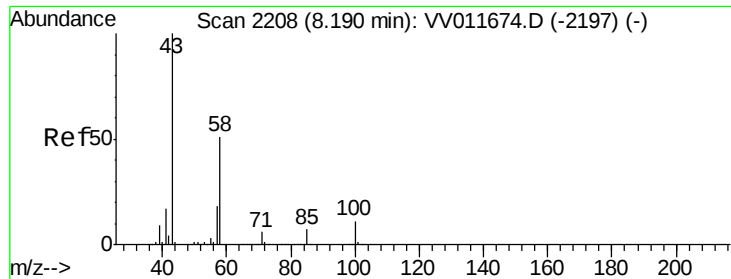
77 37.6 22.7 42.1



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#48
 2-Hexanone
 Concen: 3.220 ug/L
 RT: 8.14 min Scan# 2194
 Delta R.T. -0.05 min
 Lab File: VV011686.D
 Acq: 21 Jun 2019 15:42

Instrument :
 MSVOA_V
 ClientSampleId :
 GALP2DL

Tgt Ion: 43 Resp: 18038
 Ion Ratio Lower Upper
 43 100
 58 25.4 40.1 60.1#
 57 24.3 14.4 21.6#
 100 1.5 8.6 12.8#

