

Data File : VV011683.D
Acq On : 21 Jun 2019 14:29
Operator : SY/MD
Sample : K3415-08DL 50X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GALP5DL

Quant Time: Jun 22 04:14:56 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	157907	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	146208	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59979	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	44968	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.58	69	34366	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.12	63	71459	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	3.96	46	160105	57.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.98%
24) Chloroform-d	4.40	84	91183	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.08	65	58316	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.09	84	194154	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.12	67	62287	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.36	98	165616	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.66	79	19102	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.14	63	116727	56.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.34%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45247	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	56697	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

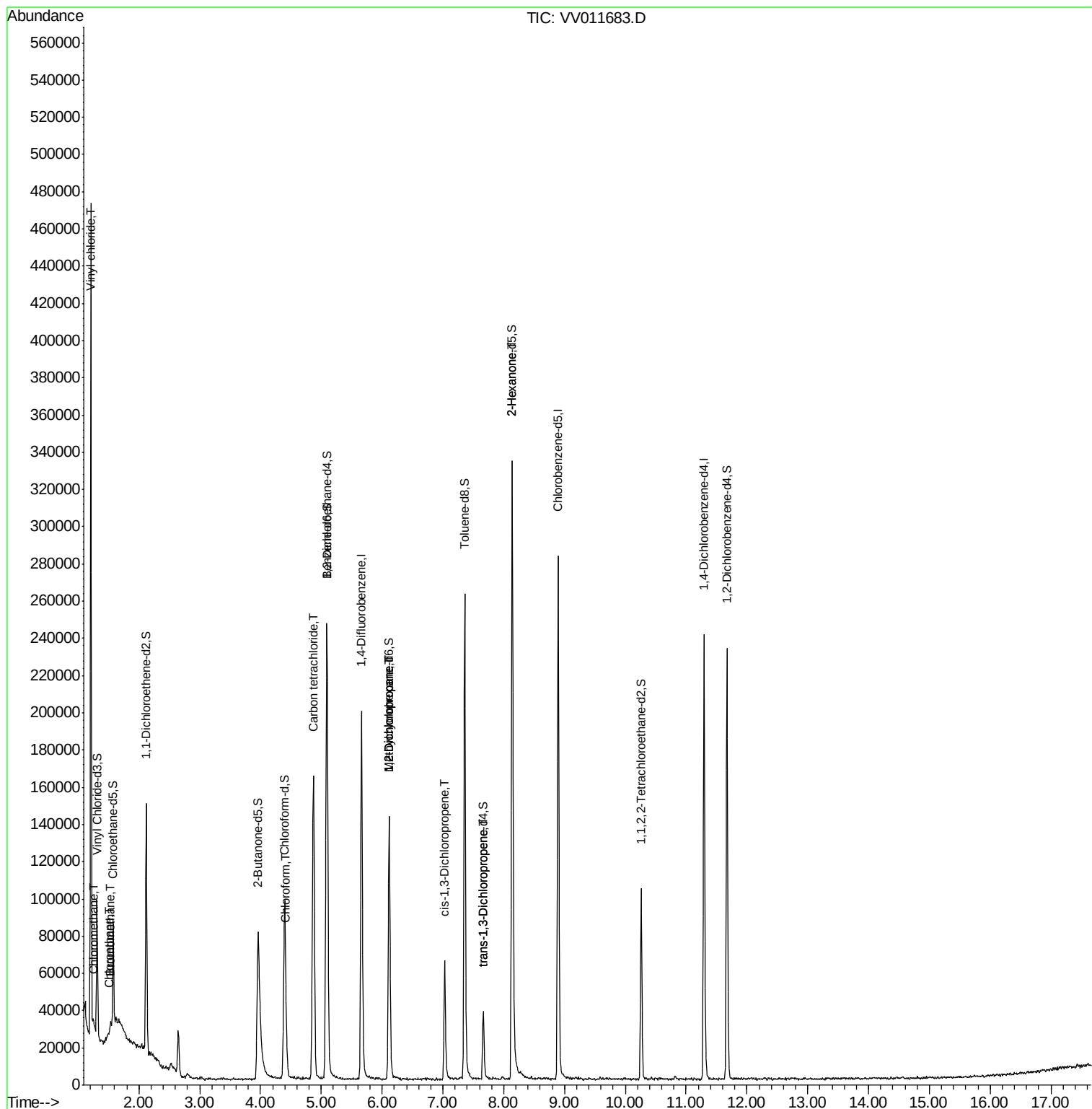
					Qvalue
3) Chloromethane	1.25	50	1905	0.128 ug/L	84
5) Vinyl chloride	1.21	62	3523	0.241 ug/L	84
6) Bromomethane	1.54	94	1646	0.259 ug/L	90
8) Chloroethane	1.50	64	15601	2.045 ug/L #	54
25) Chloroform	4.42	83	9872	0.394 ug/L	90
31) Carbon tetrachloride	4.87	117	113048	7.104 ug/L	99
35) Methylcyclohexane	6.12	83	14951	0.720 ug/L #	14
37) 1,2-Dichloropropane	6.12	63	7545	0.613 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1989	0.123 ug/L #	59
44) trans-1,3-Dichloropropene	7.67	75	1167	0.098 ug/L	99
48) 2-Hexanone	8.14	43	16495	3.039 ug/L #	71

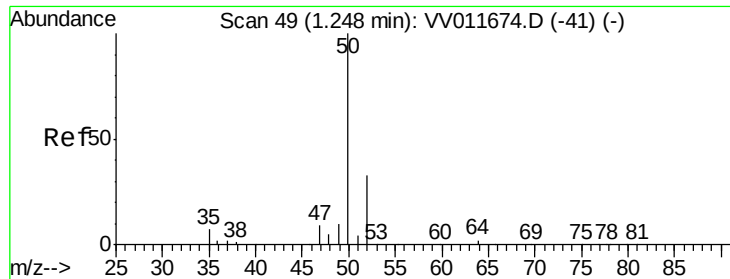
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.128 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011683.D

Acq: 21 Jun 2019 14:29

Instrument :

MSVOA_V

ClientSampleId :

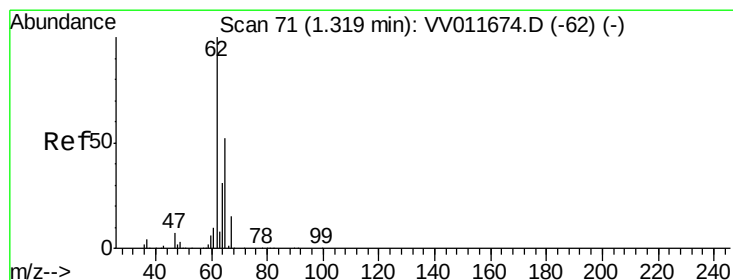
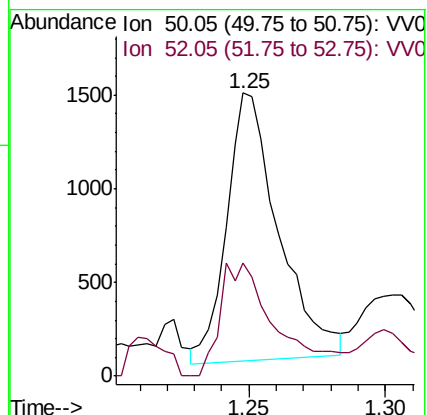
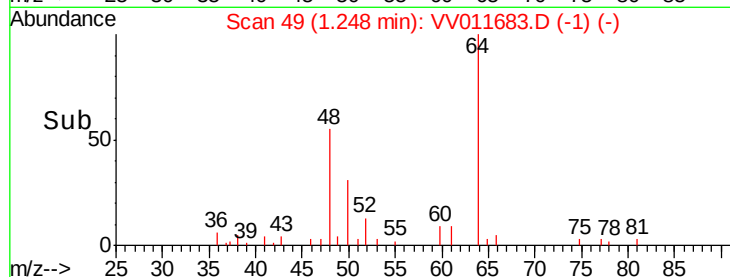
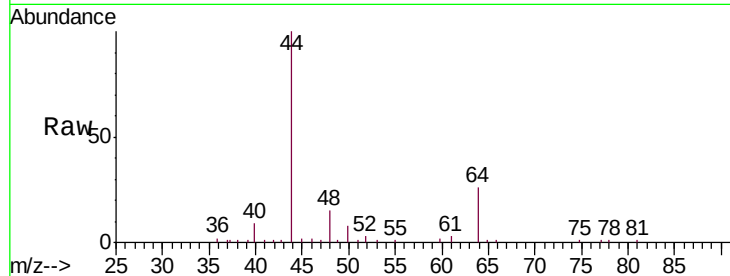
GALP5DL

Tgt Ion: 50 Resp: 1905

Ion Ratio Lower Upper

50 100

52 40.0 22.0 40.8



#5

Vinyl chloride

Concen: 0.241 ug/L

RT: 1.21 min Scan# 37

Delta R.T. -0.11 min

Lab File: VV011683.D

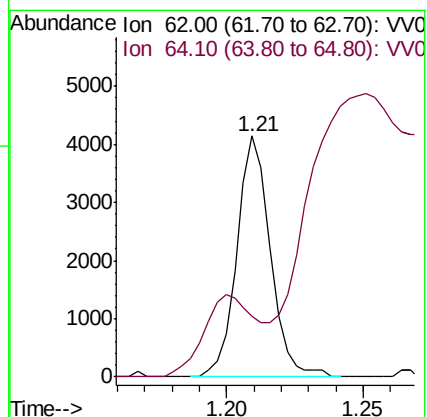
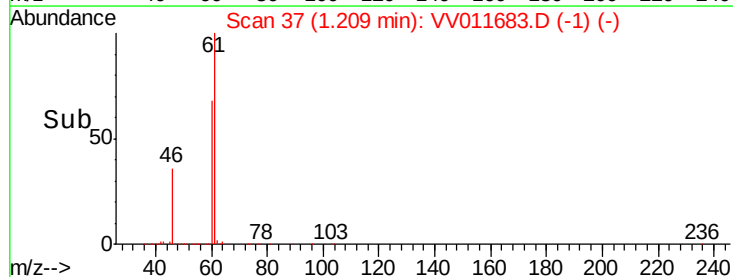
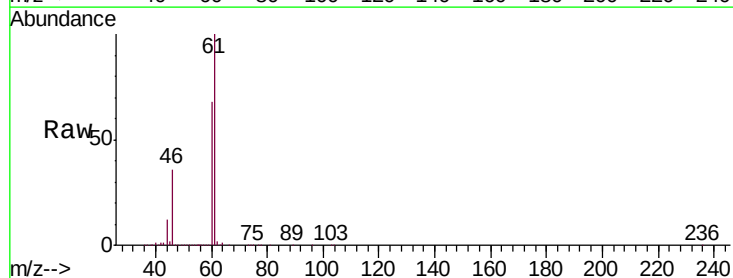
Acq: 21 Jun 2019 14:29

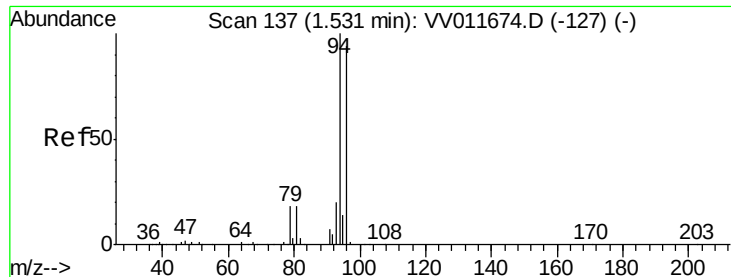
Tgt Ion: 62 Resp: 3523

Ion Ratio Lower Upper

62 100

64 25.4 24.1 44.7





#6

Bromomethane

Concen: 0.259 ug/L

RT: 1.54 min Scan# 139

Delta R.T. 0.01 min

Lab File: VV011683.D

Acq: 21 Jun 2019 14:29

Instrument :

MSVOA_V

ClientSampled :

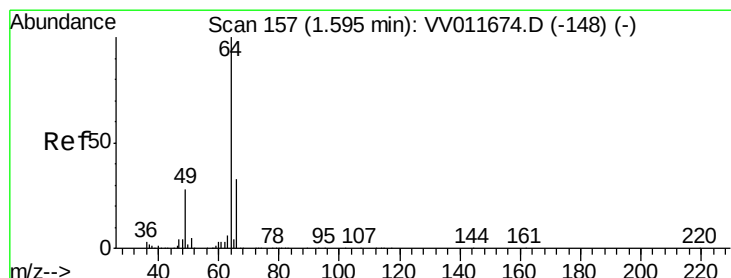
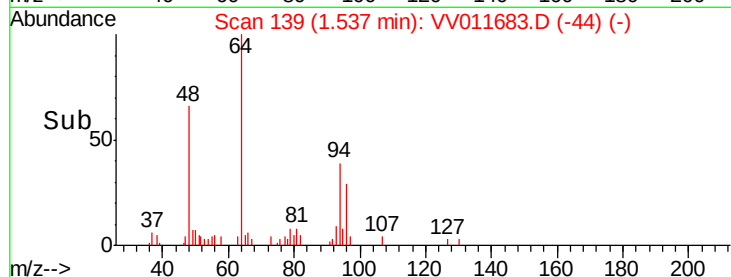
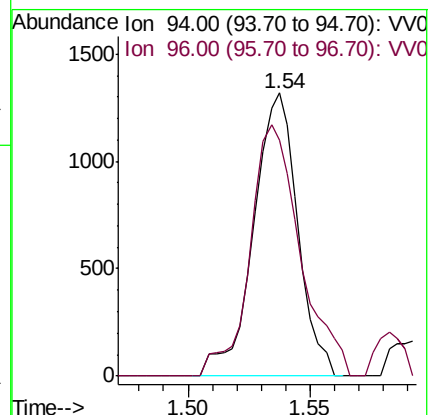
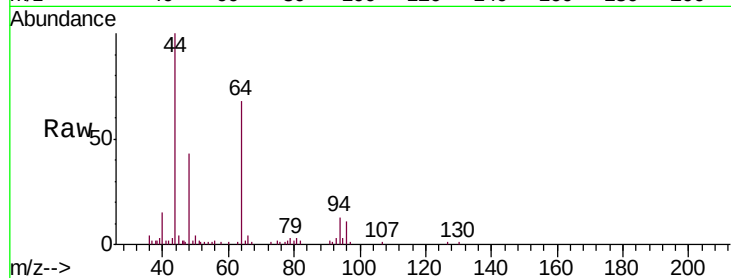
GALP5DL

Tgt Ion: 94 Resp: 1646

Ion Ratio Lower Upper

94 100

96 83.4 65.2 121.2



#8

Chloroethane

Concen: 2.045 ug/L

RT: 1.50 min Scan# 128

Delta R.T. -0.09 min

Lab File: VV011683.D

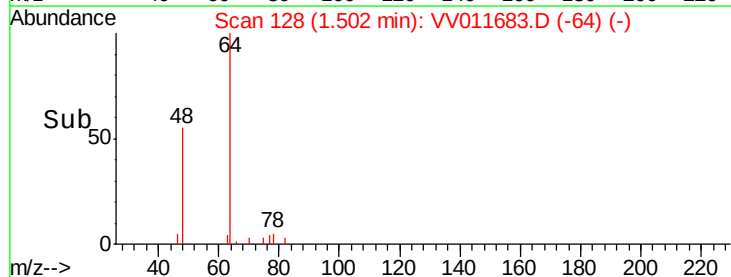
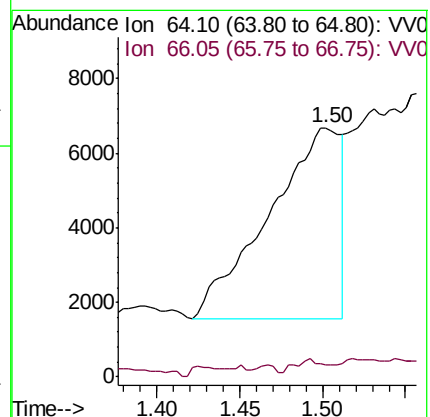
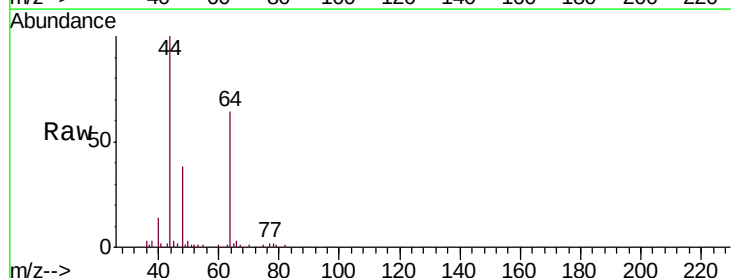
Acq: 21 Jun 2019 14:29

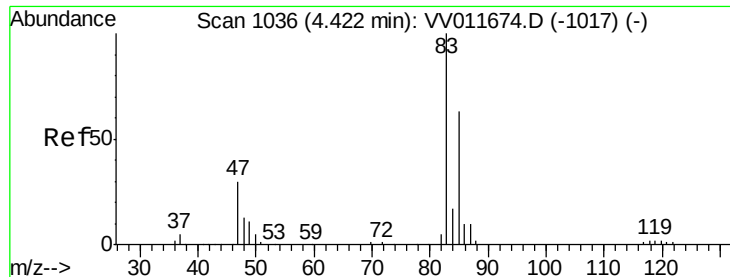
Tgt Ion: 64 Resp: 15601

Ion Ratio Lower Upper

64 100

66 4.7 20.6 38.4#

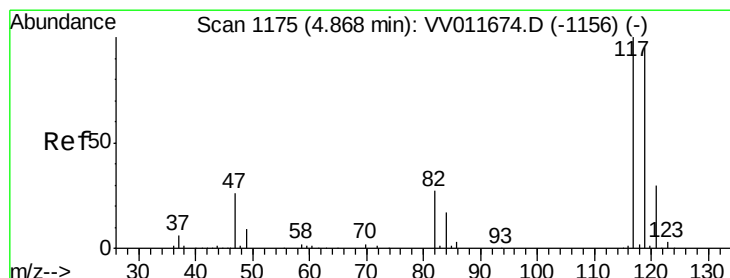
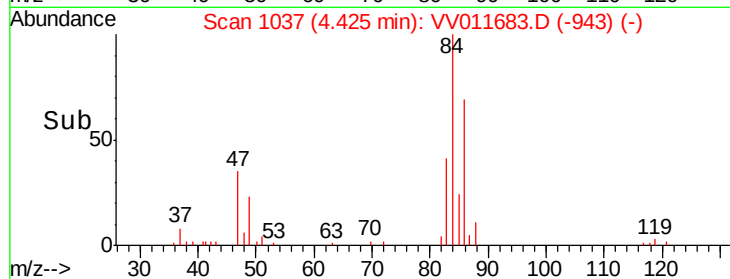
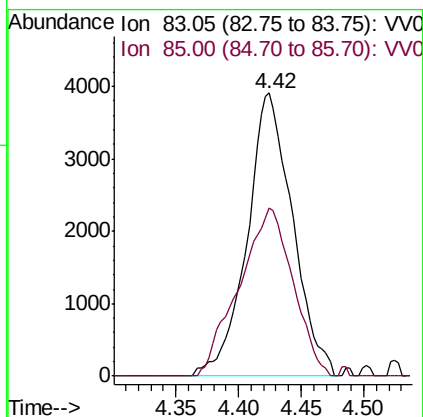
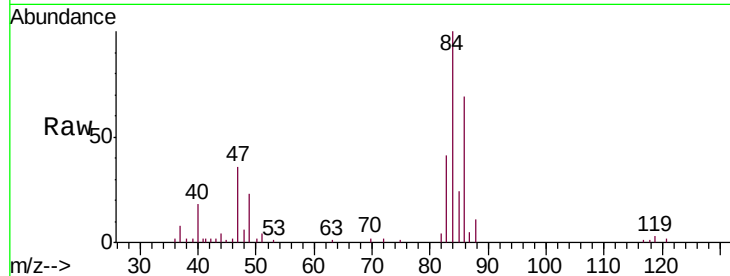




#25
Chloroform
Concen: 0.394 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV011683.D
Acq: 21 Jun 2019 14:29

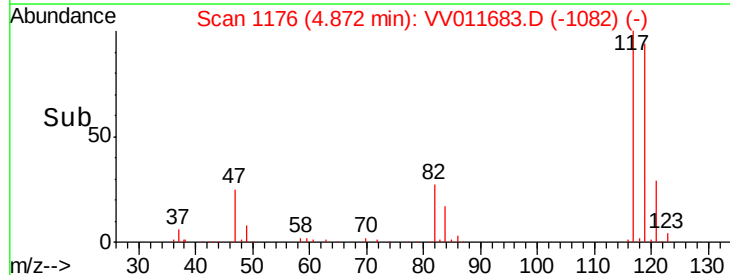
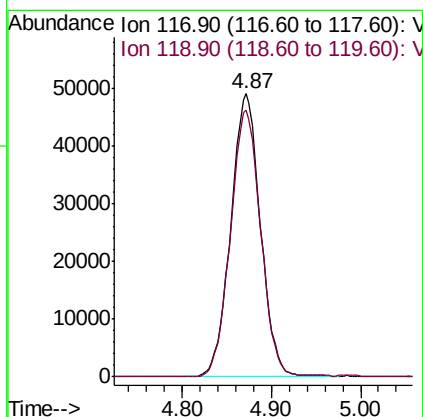
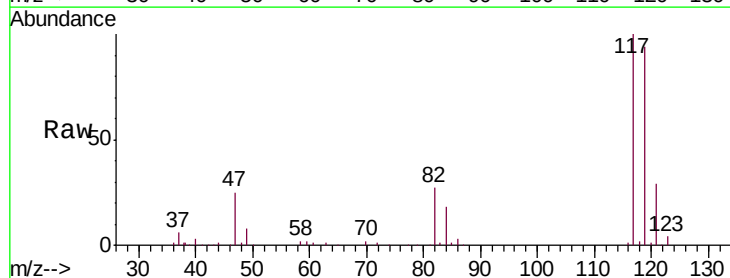
Instrument :
MSVOA_V
ClientSampleId :
GALP5DL

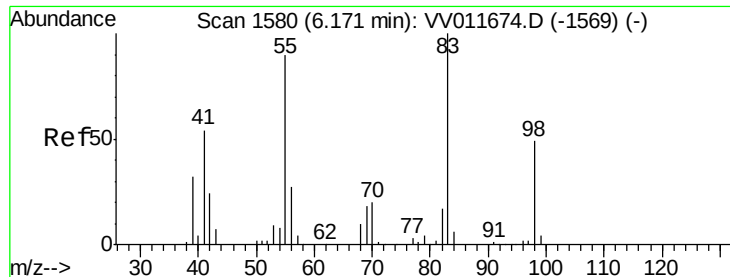
Tgt Ion: 83 Resp: 9872
Ion Ratio Lower Upper
83 100
85 59.4 47.0 87.2



#31
Carbon tetrachloride
Concen: 7.104 ug/L
RT: 4.87 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VV011683.D
Acq: 21 Jun 2019 14:29

Tgt Ion: 117 Resp: 113048
Ion Ratio Lower Upper
117 100
119 95.8 77.1 115.7

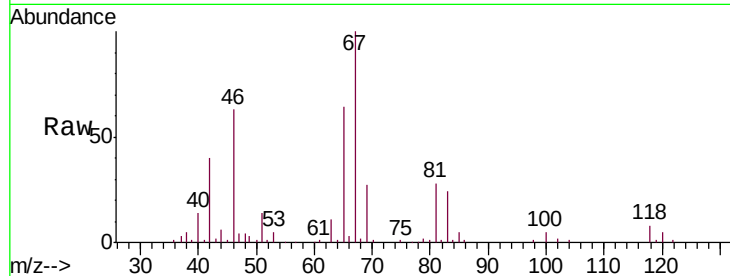




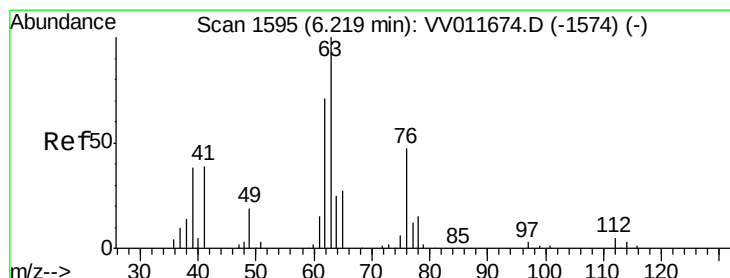
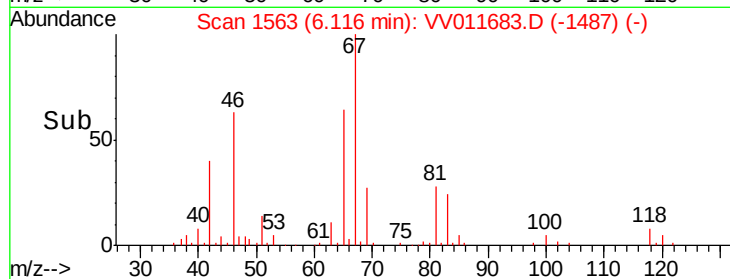
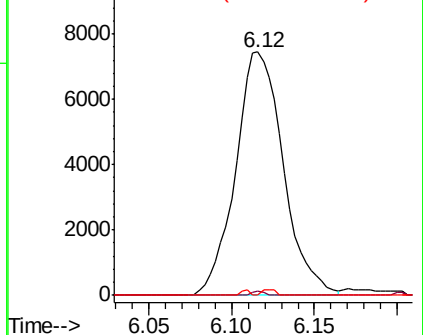
#35
Methylcyclohexane
Concen: 0.720 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011683.D
Acq: 21 Jun 2019 14:29

Instrument :
MSVOA_V
ClientSampleId :
GALP5DL

Tgt Ion: 83 Resp: 14951
Ion Ratio Lower Upper
83 100
55 0.4 69.4 104.2#
98 0.7 40.2 60.4#

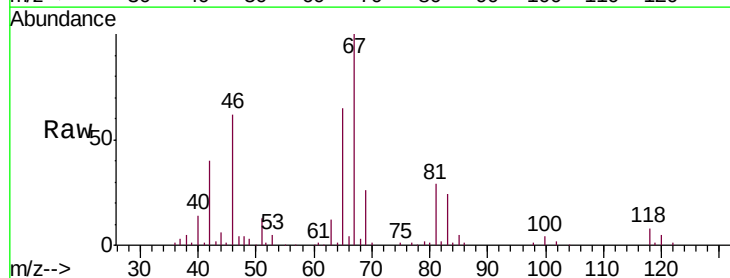


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

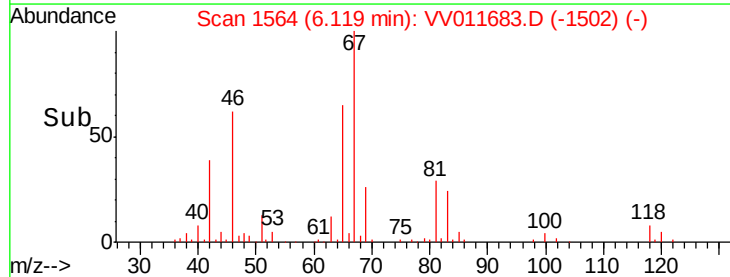
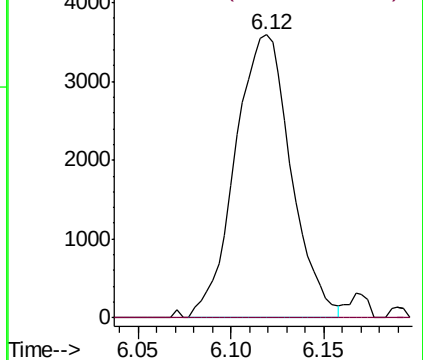


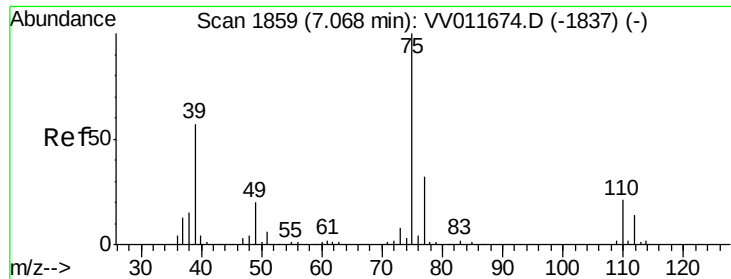
#37
1,2-Dichloropropane
Concen: 0.613 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV011683.D
Acq: 21 Jun 2019 14:29

Tgt Ion: 63 Resp: 7545
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



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

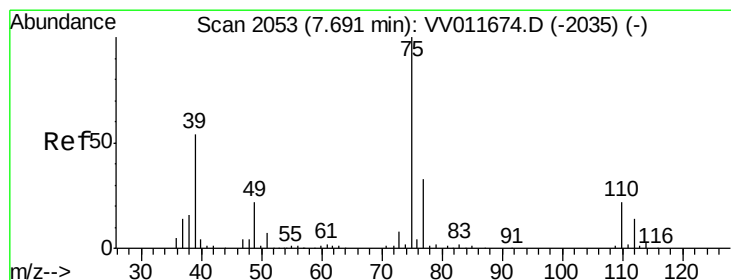
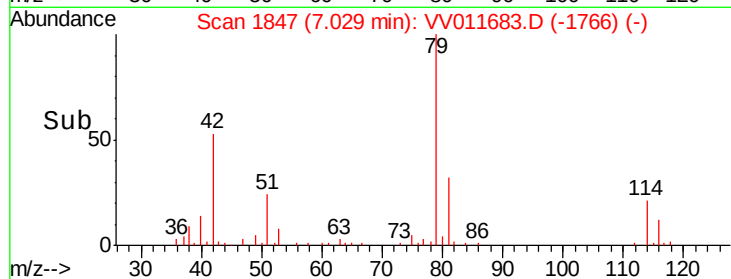
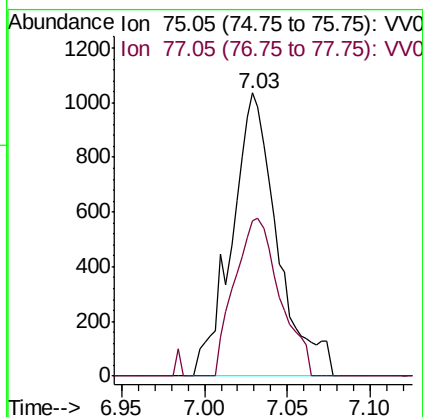
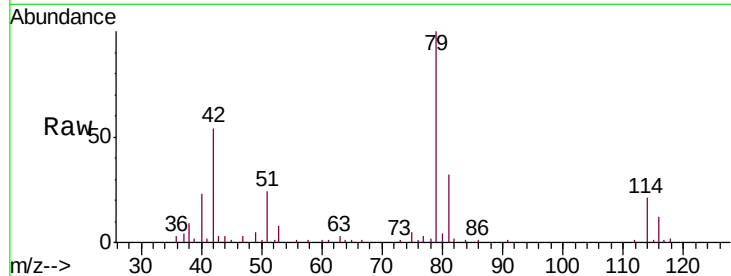




#39
 cis-1,3-Dichloropropene
 Concen: 0.123 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011683.D
 Acq: 21 Jun 2019 14:29

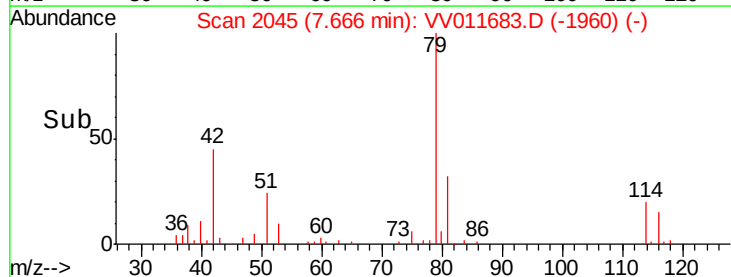
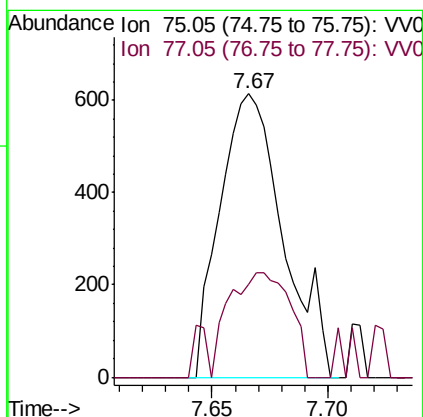
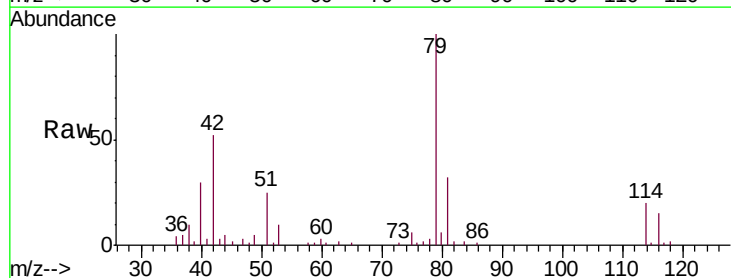
Instrument :
 MSVOA_V
 ClientSampleId :
 GALP5DL

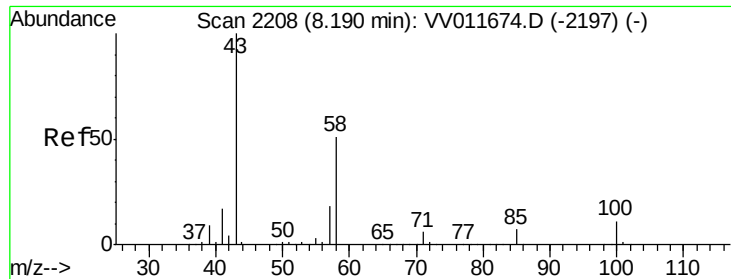
Tgt Ion: 75 Resp: 1989
 Ion Ratio Lower Upper
 75 100
 77 55.1 22.4 41.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV011683.D
 Acq: 21 Jun 2019 14:29

Tgt Ion: 75 Resp: 1167
 Ion Ratio Lower Upper
 75 100
 77 32.7 22.7 42.1





#48
 2-Hexanone
 Concen: 3.039 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.05 min
 Lab File: VV011683.D
 Acq: 21 Jun 2019 14:29

Instrument :
 MSVOA_V
 ClientSampleId :
 GALP5DL

Tgt Ion:	43	Resp:	16495
Ion	Ratio	Lower	Upper
43	100		
58	27.1	40.1	60.1#
57	26.1	14.4	21.6#
100	1.1	8.6	12.8#

