

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062019\
 Data File : VV011627.D
 Acq On : 19 Jun 2019 19:23
 Operator : SY/MD
 Sample : K3415-15
 Misc : 25ML/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GALQ2

Quant Time: Jun 20 02:11:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 20 02:04:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	154751	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	144160	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58781	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61698	5.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.60%
7) Chloroethane-d5	1.56	69	45342	6.12	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.40%
11) 1,1-Dichloroethene-d2	2.12	63	88947	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	3.94	46	155772	47.38	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.76%
24) Chloroform-d	4.40	84	93185	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
26) 1,2-Dichloroethane-d4	5.08	65	64274	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.09	84	228474	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.12	67	69536	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.36	98	197977	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
43) trans-1,3-Dichloropropene-	7.66	79	20912	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.13	63	116421	44.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.82%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47763	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	64299	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

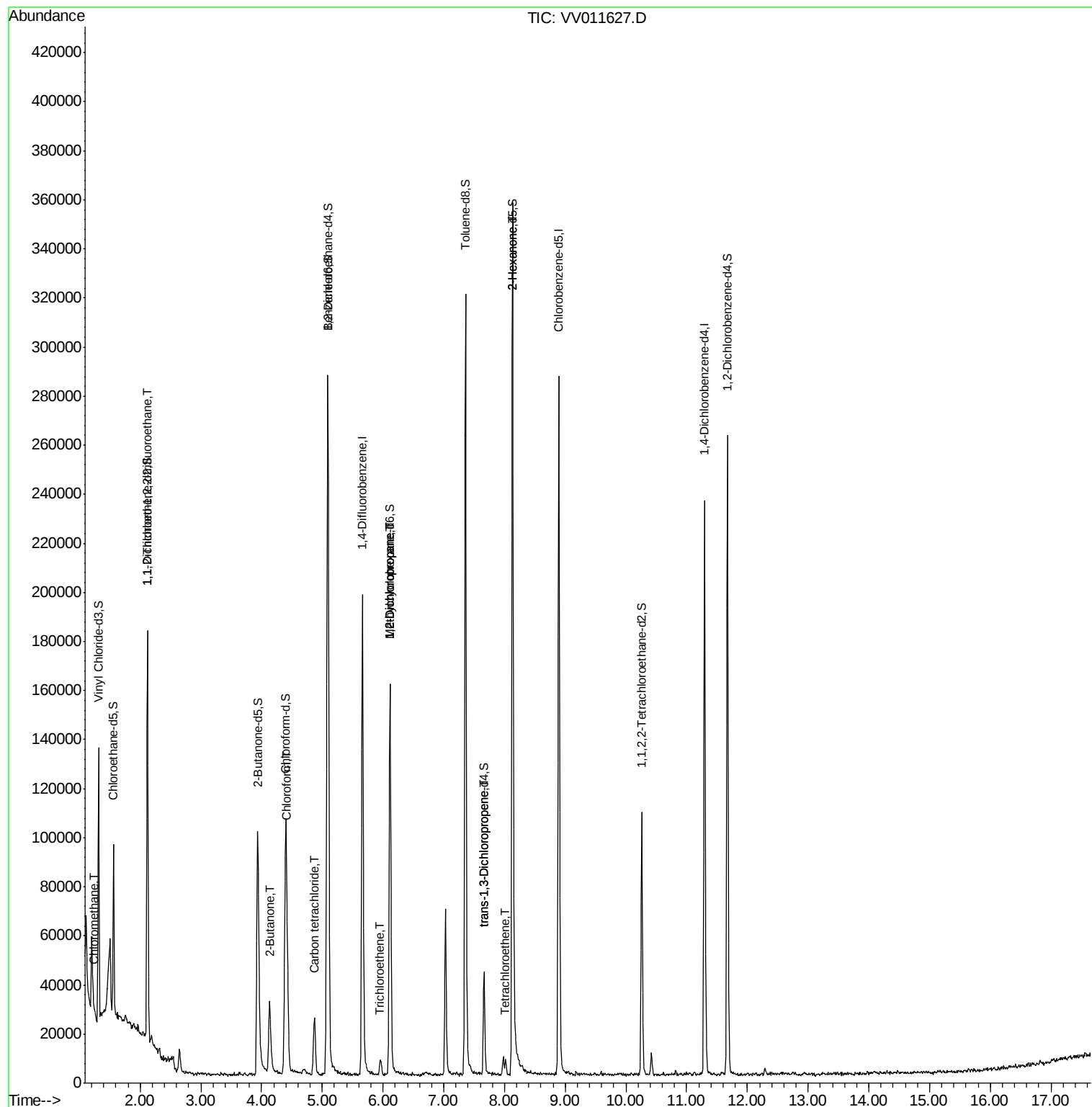
					Qvalue
3) Chloromethane	1.25	50	1213	0.081 ug/L	90
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	938	0.101 ug/L #	24
21) 2-Butanone	4.13	43	47147	13.450 ug/L #	52
25) Chloroform	4.42	83	32335	1.431 ug/L	99
31) Carbon tetrachloride	4.87	117	15313	1.055 ug/L	98
34) Trichloroethene	5.96	95	1749	0.146 ug/L #	82
35) Methylcyclohexane	6.12	83	17366	1.014 ug/L #	15
37) 1,2-Dichloropropane	6.11	63	9084	0.725 ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	1037	0.086 ug/L	93
47) Tetrachloroethene	8.02	164	882	0.103 ug/L #	77
48) 2-Hexanone	8.13	43	16069	2.558 ug/L #	70

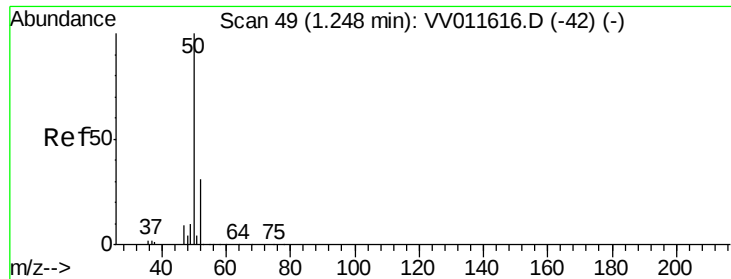
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.081 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV011627.D

Acq: 19 Jun 2019 19:23

Instrument :

MSVOA_V

ClientSampled :

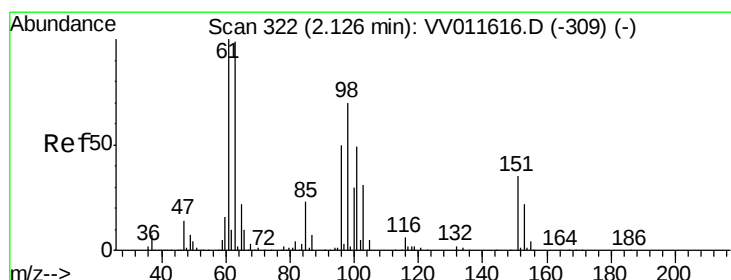
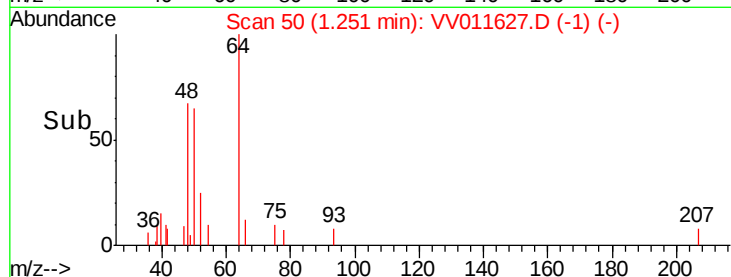
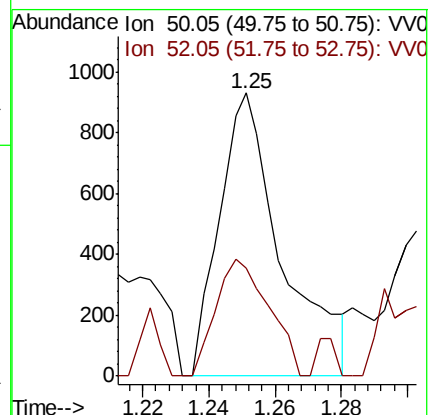
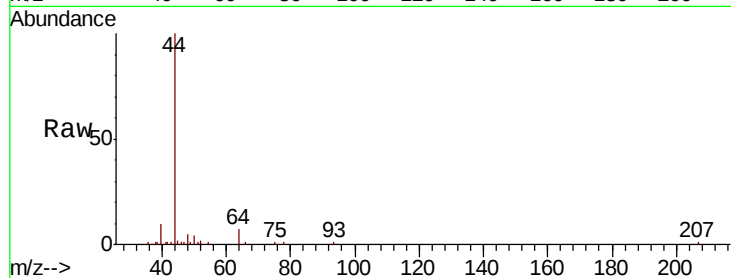
GALQ2

Tgt Ion: 50 Resp: 1213

Ion Ratio Lower Upper

50 100

52 38.0 22.7 42.1



#10

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

Concen: 0.101 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV011627.D

Acq: 19 Jun 2019 19:23

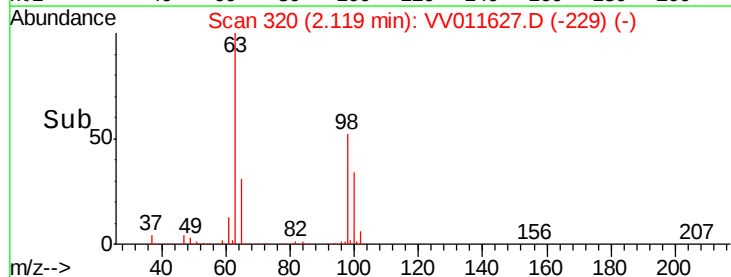
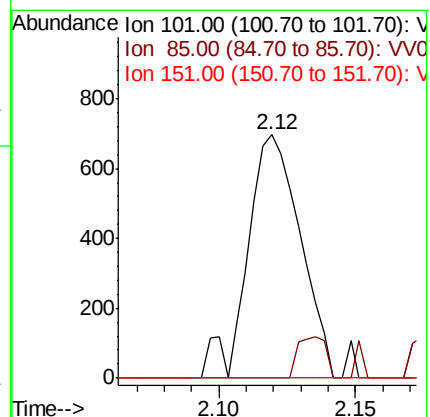
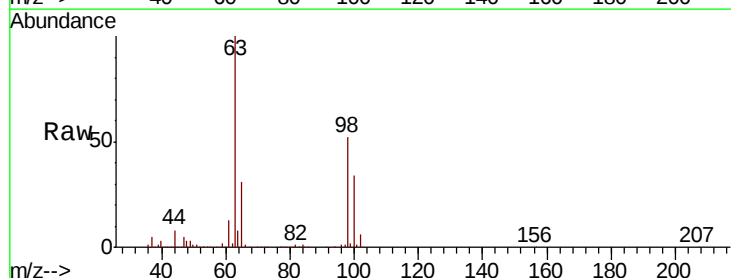
Tgt Ion: 101 Resp: 938

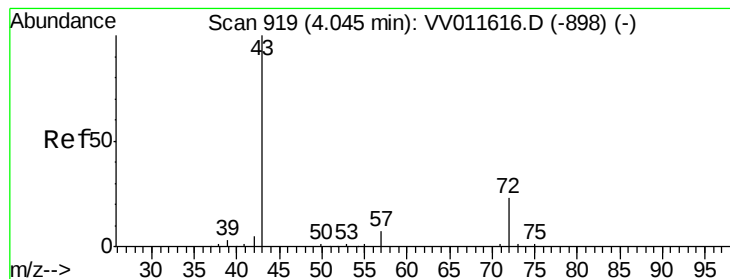
Ion Ratio Lower Upper

101 100

85 9.1 37.3 55.9#

151 0.0 59.4 89.2#





#21

2-Butanone

Concen: 13.450 ug/L

RT: 4.13 min Scan# 946

Delta R.T. 0.09 min

Lab File: VV011627.D

Acq: 19 Jun 2019 19:23

Instrument :

MSVOA_V

ClientSampleId :

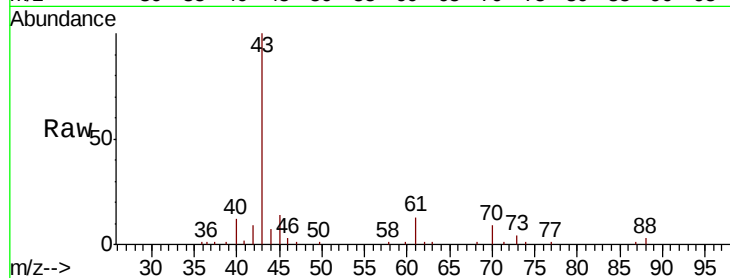
GALQ2

Tgt Ion: 43 Resp: 47147

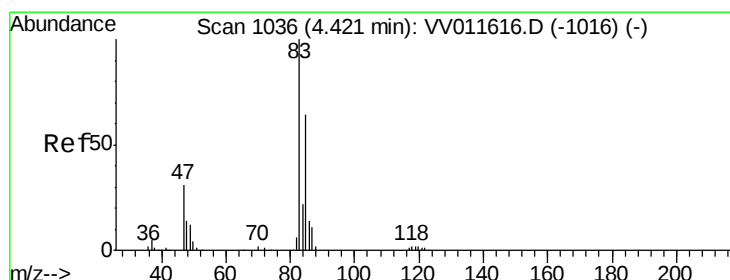
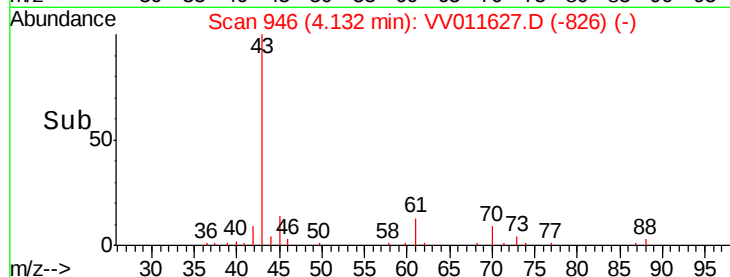
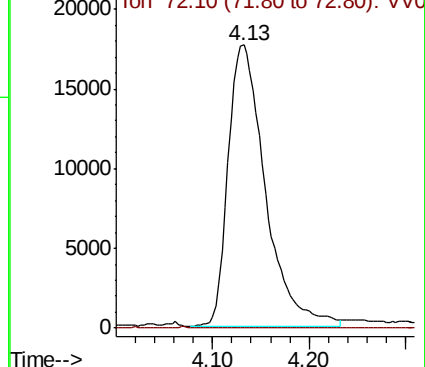
Ion Ratio Lower Upper

43 100

72 0.1 11.8 35.4#



Abundance Ion 43.05 (42.75 to 43.75): VV011616.D (-898) (-)



#25

Chloroform

Concen: 1.431 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VV011627.D

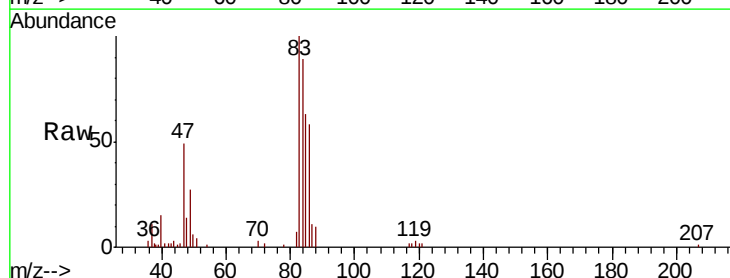
Acq: 19 Jun 2019 19:23

Tgt Ion: 83 Resp: 32335

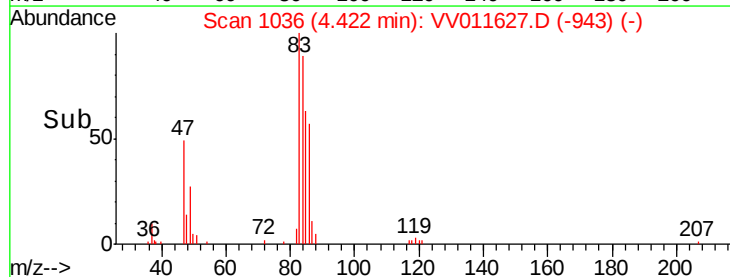
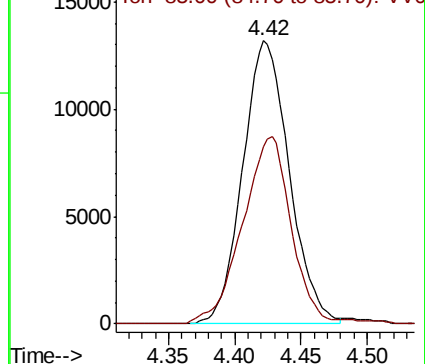
Ion Ratio Lower Upper

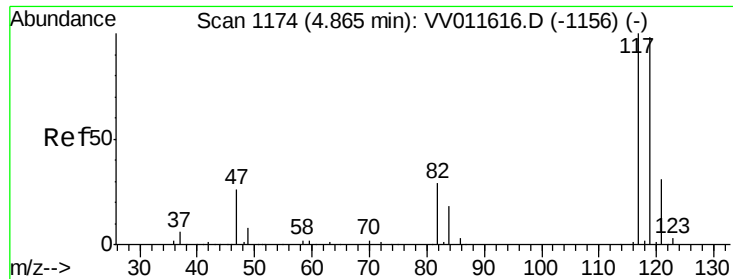
83 100

85 62.6 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VV011616.D (-1016) (-)





#31

Carbon tetrachloride

Concen: 1.055 ug/L

RT: 4.87 min Scan# 1176

Delta R.T. 0.01 min

Lab File: VV011627.D

Acq: 19 Jun 2019 19:23

Instrument :

MSVOA_V

ClientSampleId :

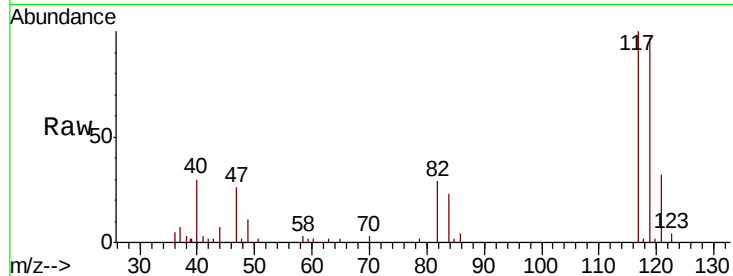
GALQ2

Tgt Ion: 117 Resp: 15313

Ion Ratio Lower Upper

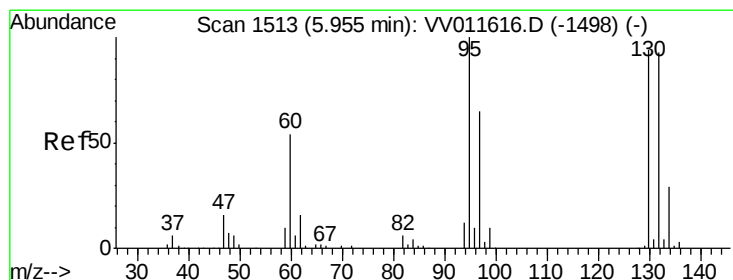
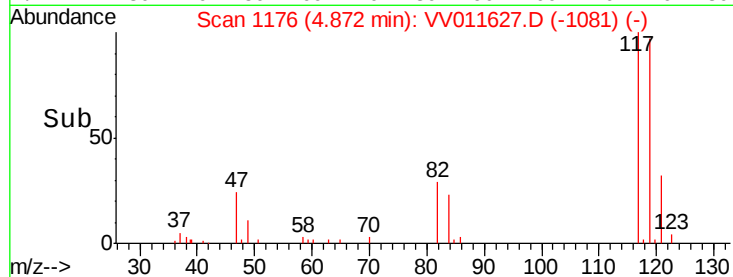
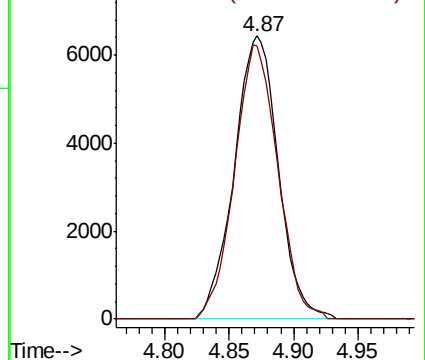
117 100

119 94.8 77.4 116.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 0.146 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV011627.D

Acq: 19 Jun 2019 19:23

Tgt Ion: 95 Resp: 1749

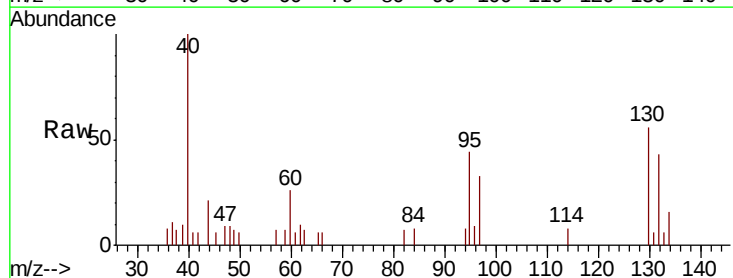
Ion Ratio Lower Upper

95 100

97 76.1 44.4 82.4

132 97.0 63.5 117.9

130 127.6 68.5 127.3#

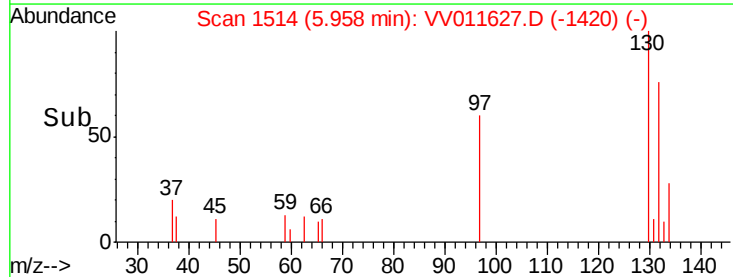
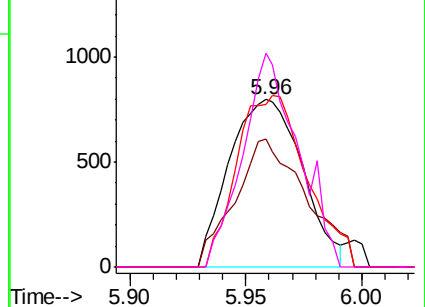


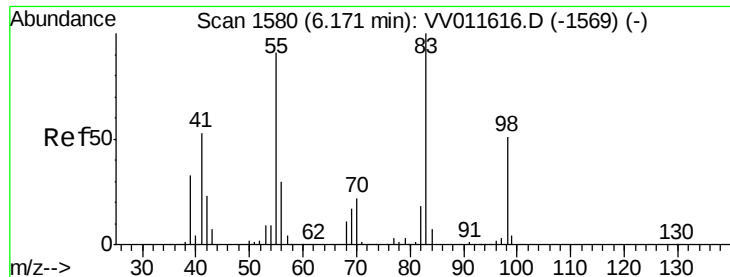
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

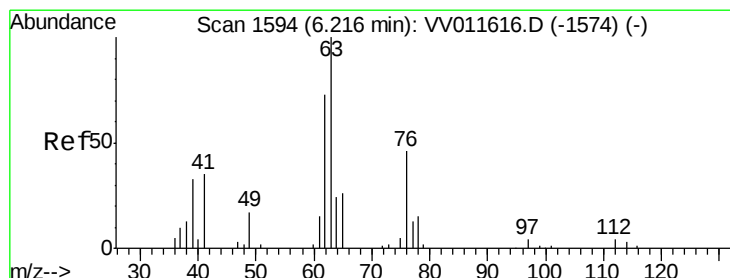
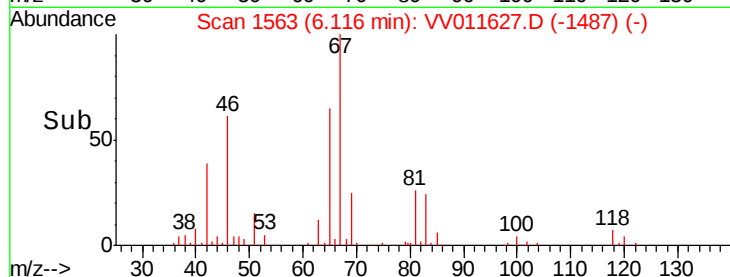
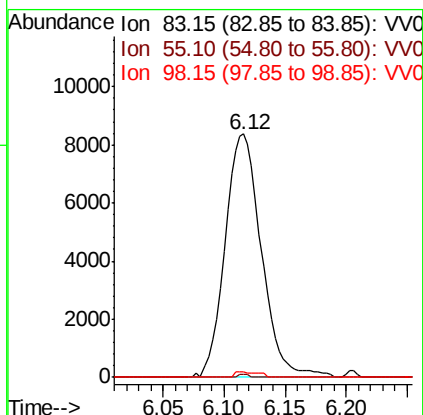
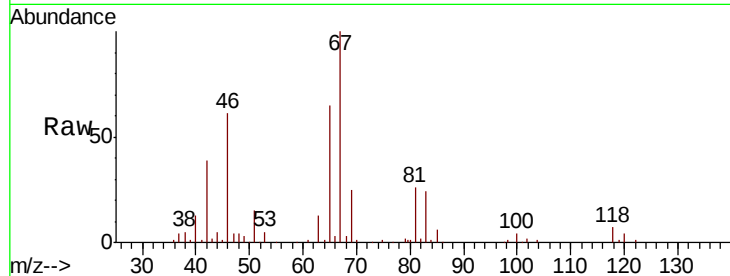




#35
Methylcyclohexane
Concen: 1.014 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011627.D
Acq: 19 Jun 2019 19:23

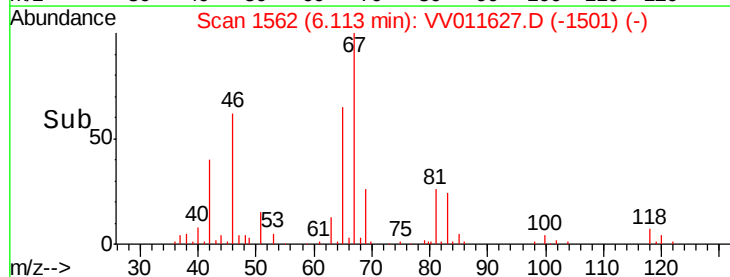
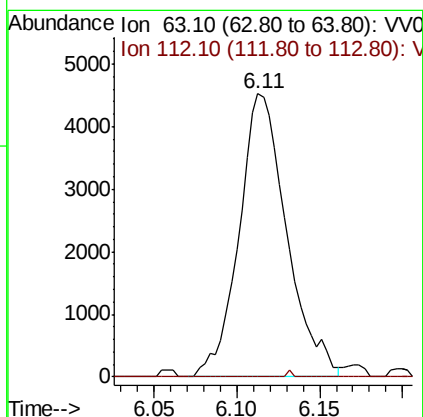
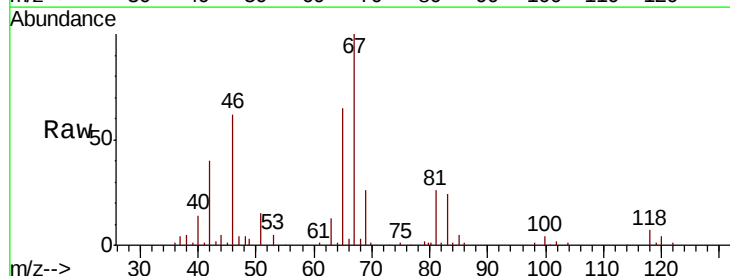
Instrument :
MSVOA_V
ClientSampleId :
GALQ2

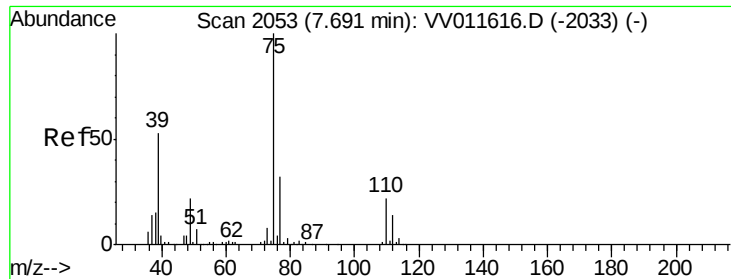
Tgt Ion: 83 Resp: 17366
Ion Ratio Lower Upper
83 100
55 0.4 67.9 101.9#
98 1.0 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.725 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV011627.D
Acq: 19 Jun 2019 19:23

Tgt Ion: 63 Resp: 9084
Ion Ratio Lower Upper
63 100
112 0.2 3.7 5.5#





#44

trans-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV011627.D

Acq: 19 Jun 2019 19:23

Instrument :

MSVOA_V

ClientSampleId :

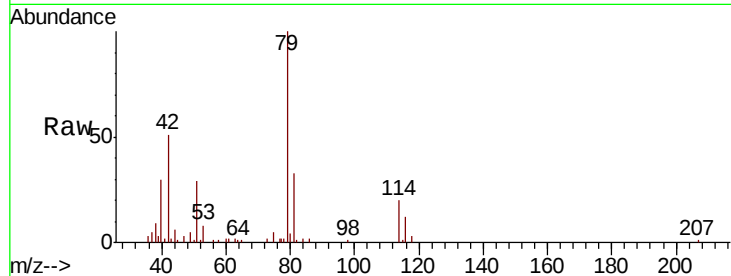
GALQ2

Tgt Ion: 75 Resp: 1037

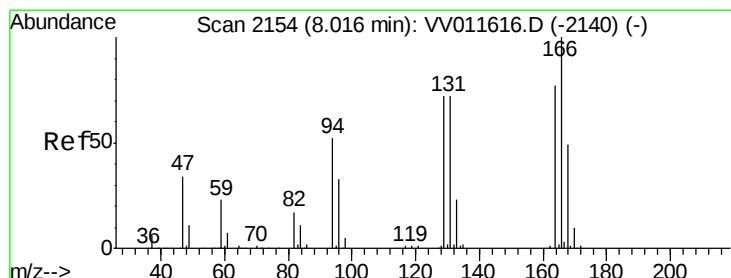
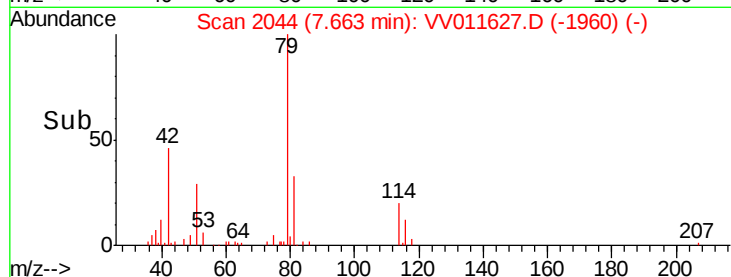
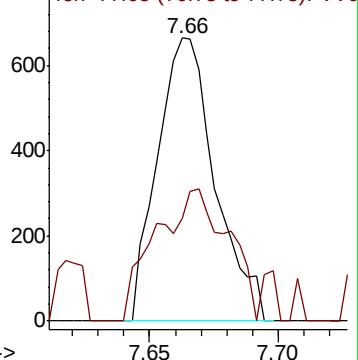
Ion Ratio Lower Upper

75 100

77 36.4 22.8 42.4



Abundance Ion 75.05 (74.75 to 75.75): VV011616.D (-2033) (-)



#47

Tetrachloroethene

Concen: 0.103 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV011627.D

Acq: 19 Jun 2019 19:23

Tgt Ion: 164 Resp: 882

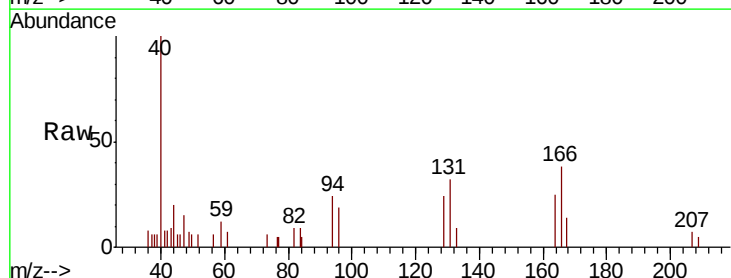
Ion Ratio Lower Upper

164 100

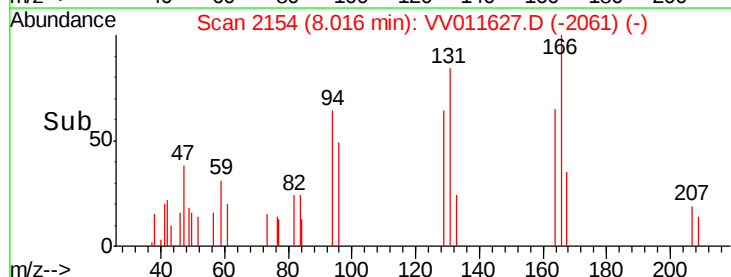
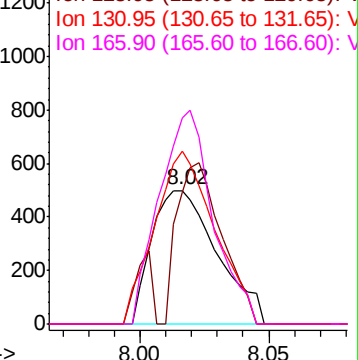
129 98.4 68.8 127.8

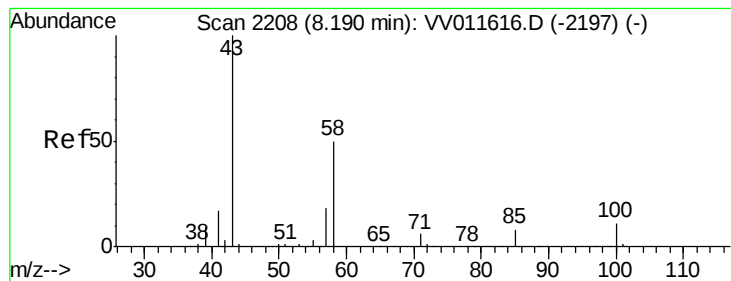
131 129.4 63.2 117.4#

166 154.6 87.0 161.6



Abundance Ion 163.90 (163.60 to 164.60): VV011616.D (-2140) (-)





#48

2-Hexanone

Concen: 2.558 ug/L

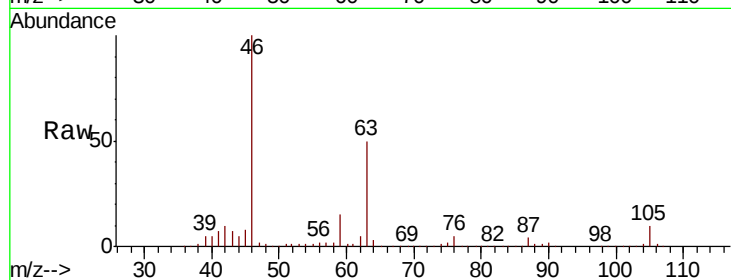
RT: 8.13 min Scan# 2190

Delta R.T. -0.06 min

Lab File: VV011627.D

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ClientSampleId :
GALQ2



Tgt Ion:	43	Resp:	16069
Ion	Ratio	Lower	Upper
43	100		
58	26.3	40.6	60.8#
57	25.3	14.2	21.4#
100	0.7	8.6	12.8#

