

Data File : VV011825.D
Acq On : 03 Jul 2019 11:43
Operator : SY/MD
Sample : K3608-09DL 4X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAML8DL

Quant Time: Jul 03 23:56:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 03 23:52:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	158758	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	153936	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	66699	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53107	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.58	69	45343	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.40%
11) 1,1-Dichloroethene-d2	2.13	63	80374	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	3.95	46	143830	54.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.02%
24) Chloroform-d	4.40	84	107151	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.08	65	59922	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
32) Benzene-d6	5.10	84	211276	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.12	67	66837	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.36	98	182145	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	7.67	79	20302	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.14	63	108794	53.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.16%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	44576	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	64698	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%

Target Compounds

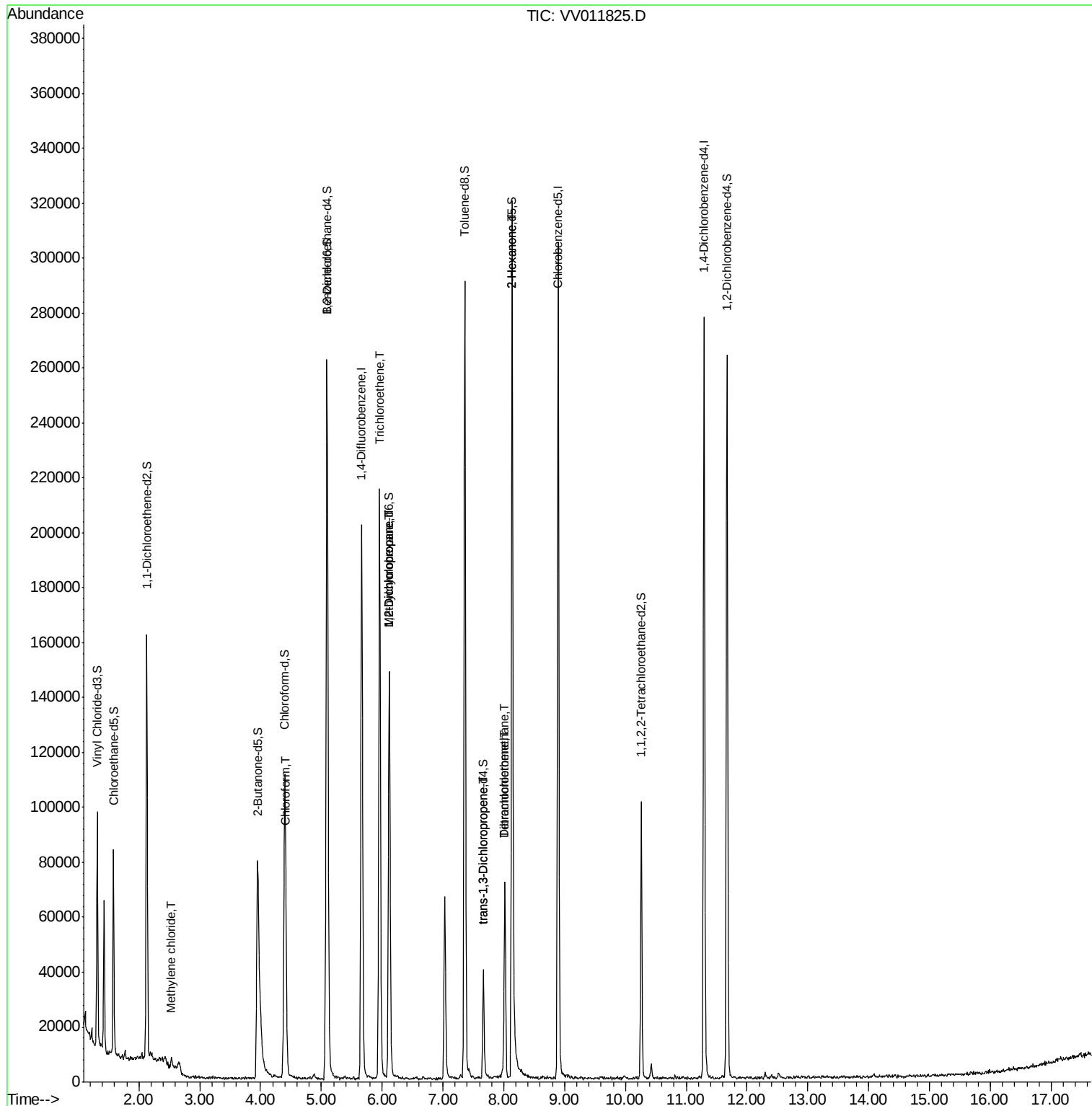
						Qvalue
16) Methylene chloride	2.53	84	1441	0.125	ug/L	97
25) Chloroform	4.42	83	5195	0.225	ug/L	87
34) Trichloroethene	5.96	95	71786	6.020	ug/L	97
35) Methylcyclohexane	6.12	83	15521	0.795	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	8489	0.723	ug/L #	89
44) trans-1,3-Dichloropropene	7.67	75	1202	0.100	ug/L	95
47) Tetrachloroethene	8.02	164	14900	1.588	ug/L	91
48) 2-Hexanone	8.14	43	16480	3.213	ug/L #	70
49) Dibromochloromethane	8.02	129	14000	1.752	ug/L #	11

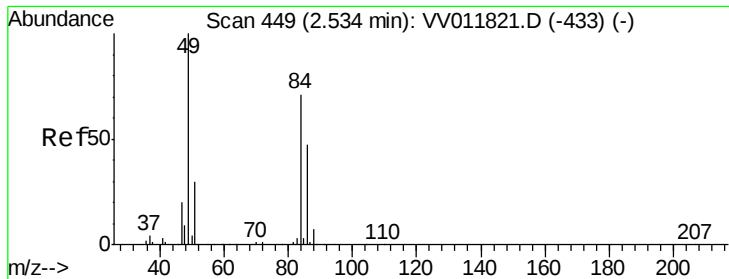
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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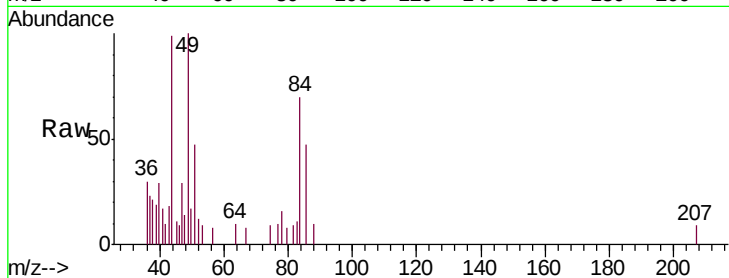




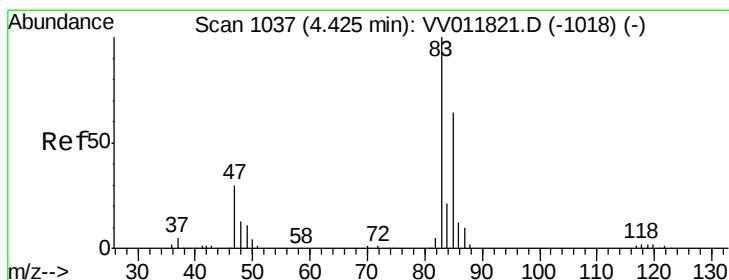
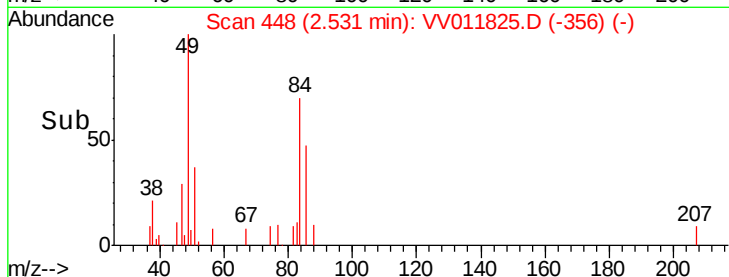
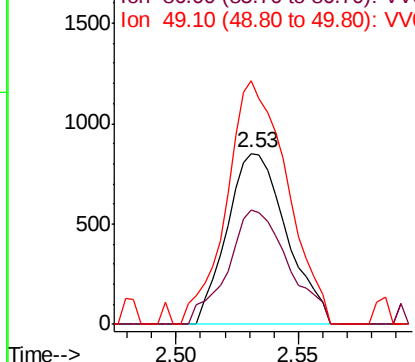
#16
Methylene chloride
Concen: 0.125 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV011825.D
Acq: 03 Jul 2019 11:43

Instrument :
MSVOA_V
ClientSampleId :
GAML8DL

Tgt Ion: 84 Resp: 1441
Ion Ratio Lower Upper
84 100
86 66.9 44.5 82.7
49 142.4 97.2 180.6

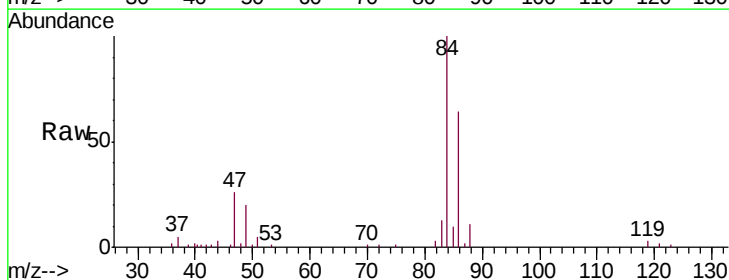


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

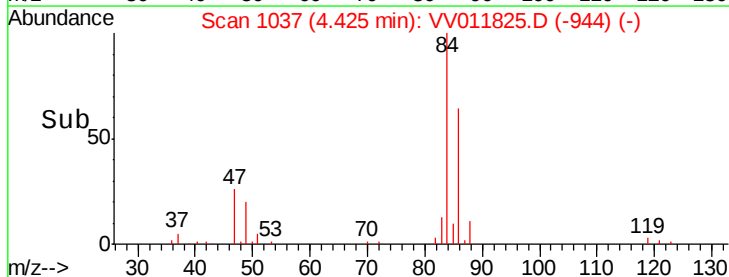
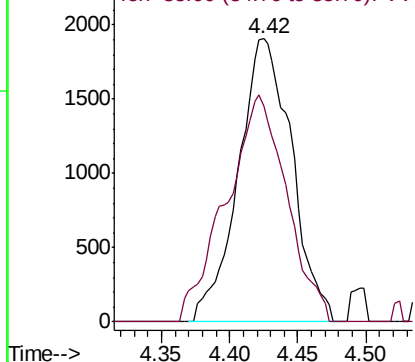


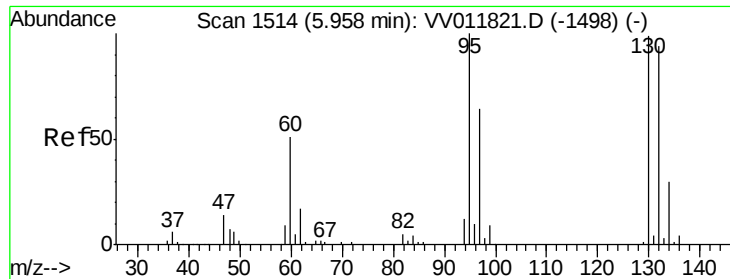
#25
Chloroform
Concen: 0.225 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV011825.D
Acq: 03 Jul 2019 11:43

Tgt Ion: 83 Resp: 5195
Ion Ratio Lower Upper
83 100
85 76.1 45.9 85.3



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 6.020 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV011825.D

Acq: 03 Jul 2019 11:43

Instrument :

MSVOA_V

ClientSampled :

GAML8DL

Tgt Ion: 95 Resp: 71786

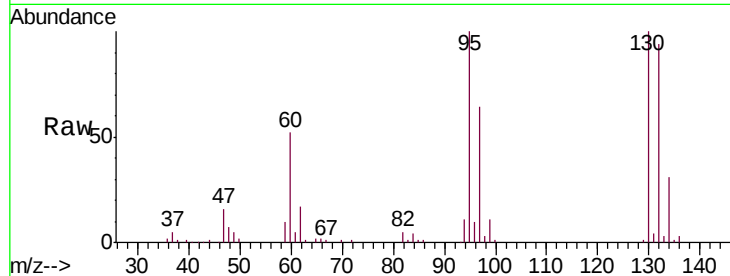
Ion Ratio Lower Upper

95 100

97 64.4 43.7 81.1

132 94.2 63.7 118.3

130 99.8 67.1 124.7

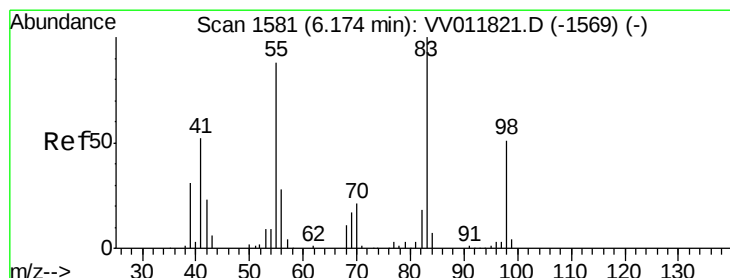
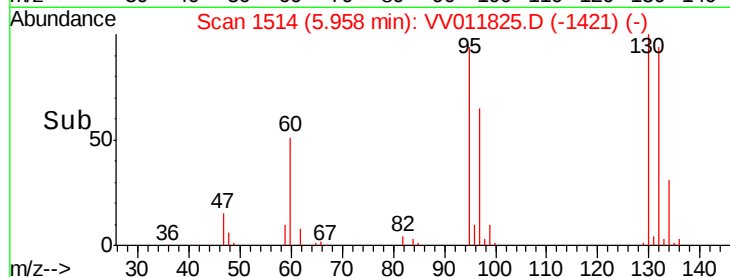
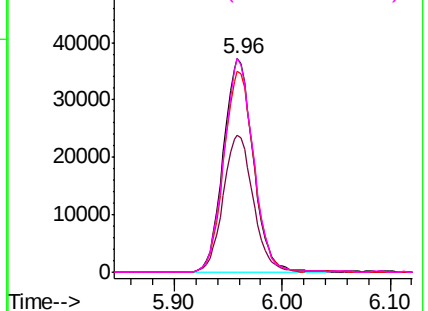


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.795 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV011825.D

Acq: 03 Jul 2019 11:43

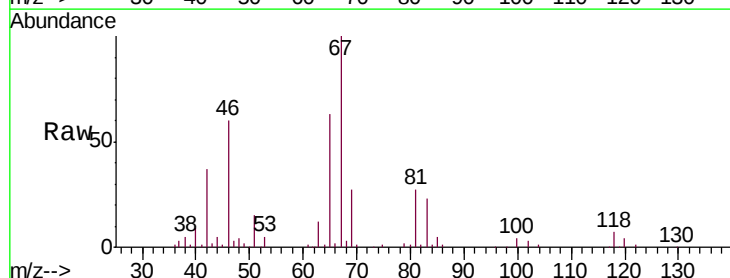
Tgt Ion: 83 Resp: 15521

Ion Ratio Lower Upper

83 100

55 0.1 67.8 101.6#

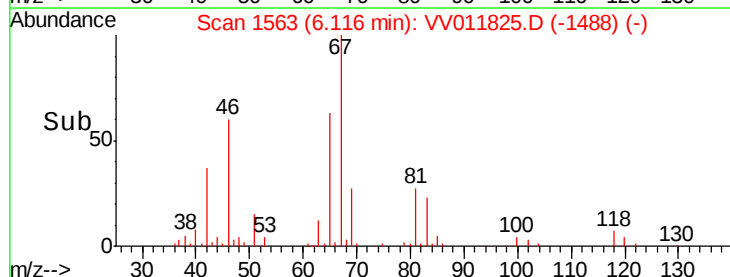
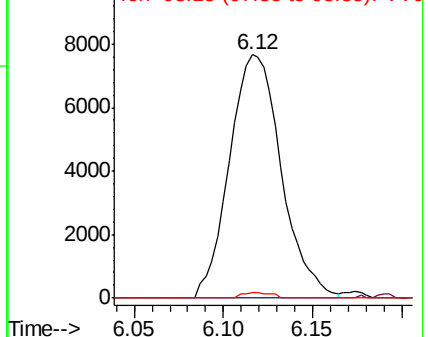
98 1.2 39.8 59.8#

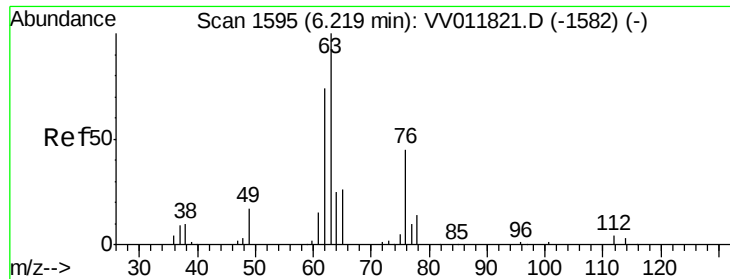


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.723 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV011825.D

Acq: 03 Jul 2019 11:43

Instrument :

MSVOA_V

ClientSampleId :

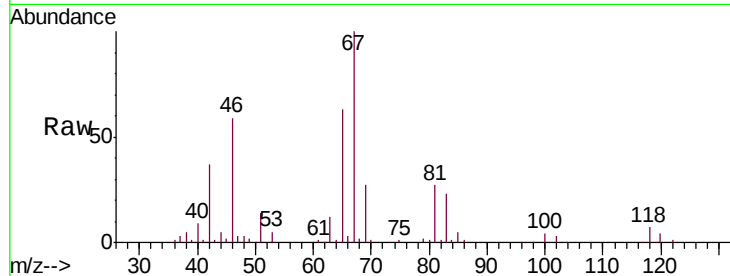
GAML8DL

Tgt Ion: 63 Resp: 8489

Ion Ratio Lower Upper

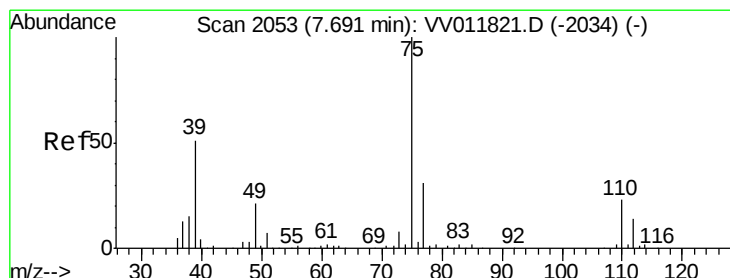
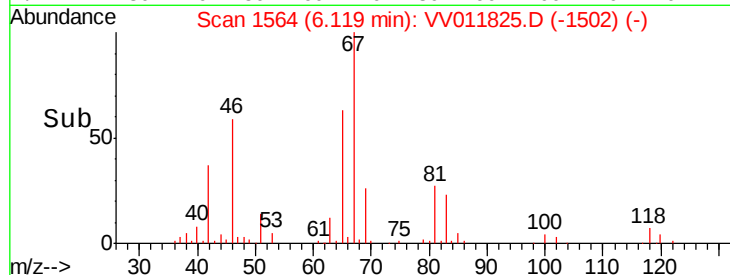
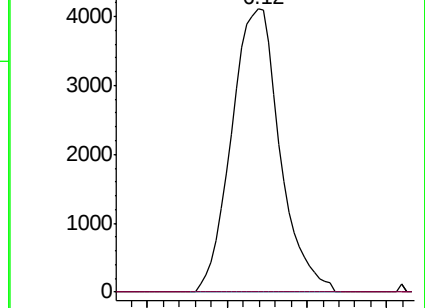
63 100

112 0.2 3.2 4.8#



Abundance Ion 63.10 (62.80 to 63.80): VV011825.D (-1502) (-)

Ion 112.10 (111.80 to 112.80): VV011825.D (-1502) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV011825.D

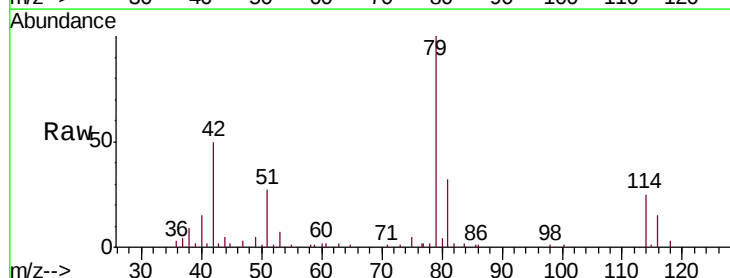
Acq: 03 Jul 2019 11:43

Tgt Ion: 75 Resp: 1202

Ion Ratio Lower Upper

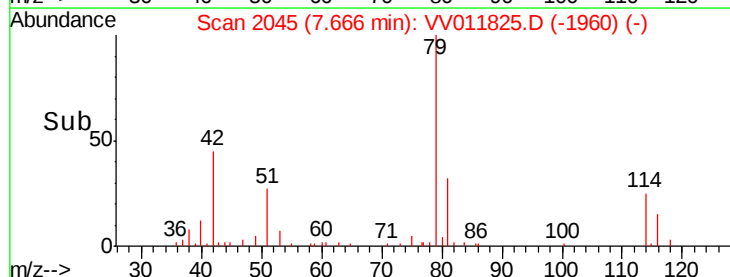
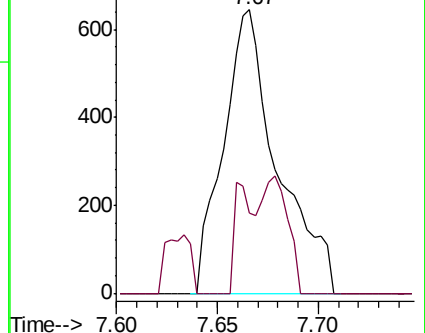
75 100

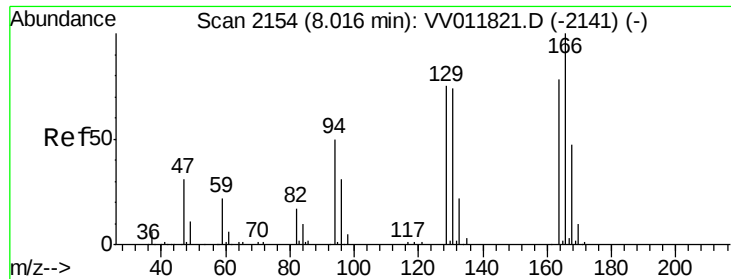
77 28.2 21.6 40.0



Abundance Ion 75.05 (74.75 to 75.75): VV011825.D (-1960) (-)

Ion 77.05 (76.75 to 77.75): VV011825.D (-1960) (-)

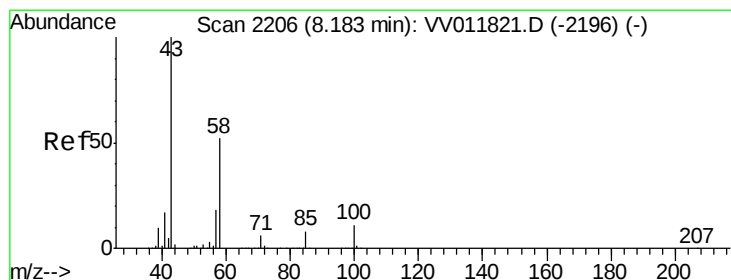
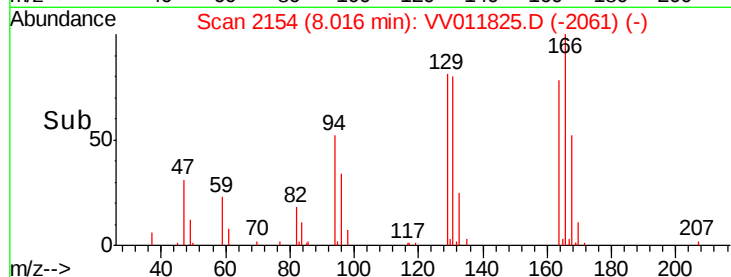
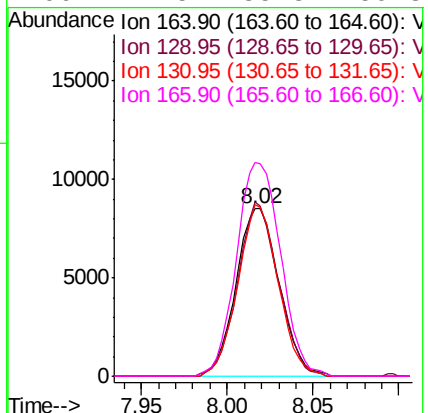
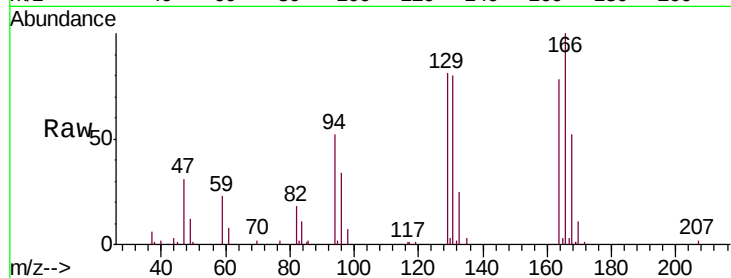




#47
Tetrachloroethene
Concen: 1.588 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV011825.D
Acq: 03 Jul 2019 11:43

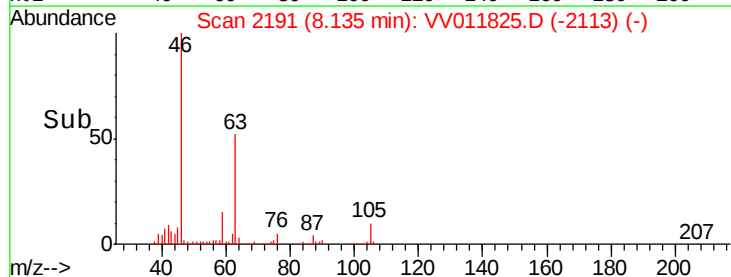
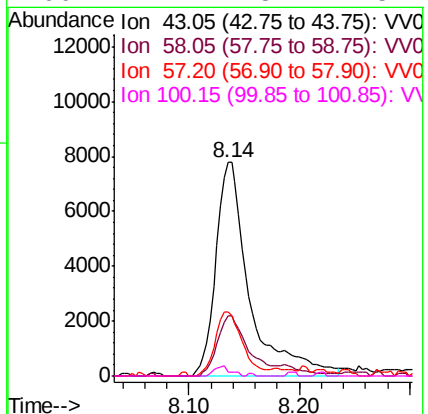
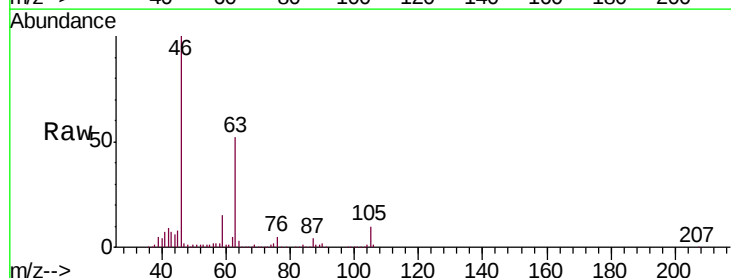
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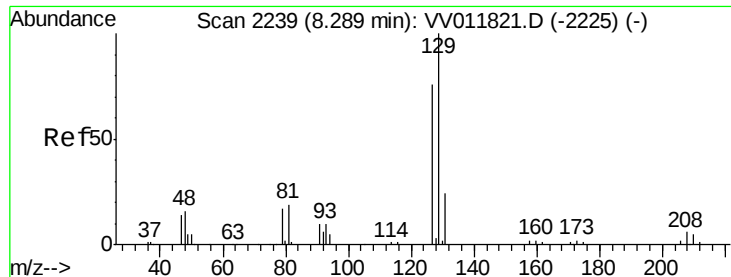
Tgt Ion:164 Resp: 14900
Ion Ratio Lower Upper
164 100
129 103.7 65.7 121.9
131 102.1 63.2 117.4
166 127.5 85.8 159.3



#48
2-Hexanone
Concen: 3.213 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV011825.D
Acq: 03 Jul 2019 11:43

Tgt Ion: 43 Resp: 16480
Ion Ratio Lower Upper
43 100
58 25.3 40.9 61.3#
57 24.0 14.3 21.5#
100 2.1 8.7 13.1#





#49

Dibromochloromethane

Concen: 1.752 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV011825.D

Acq: 03 Jul 2019 11:43

Instrument :

MSVOA_V

ClientSampleId :

GAML8DL

Tgt Ion:129 Resp: 14000

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#

