

Data File : VV013710.D
Acq On : 21 Nov 2019 13:55
Operator : SY/MD
Sample : K5911-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAQL5

Quant Time: Nov 22 03:58:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 03:55:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	326614	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	323747	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	149544	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	134205	6.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	133.00%#
7) Chloroethane-d5	1.58	69	122640	6.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	136.20%#
11) 1,1-Dichloroethene-d2	2.13	63	183339	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.40%
20) 2-Butanone-d5	3.92	46	288210	61.77	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.54%
24) Chloroform-d	4.40	84	264732	5.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.80%
26) 1,2-Dichloroethane-d4	5.08	65	131074	6.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.40%
32) Benzene-d6	5.10	84	536688	5.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.00%
36) 1,2-Dichloropropane-d6	6.11	67	162368	6.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	121.80%
41) Toluene-d8	7.36	98	471008	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.40%
43) trans-1,3-Dichloropropene-	7.66	79	54755	5.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.80%
46) 2-Hexanone-d5	8.13	63	195001	50.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.42%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	105647	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	185371	6.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	128.80%#

Target Compounds

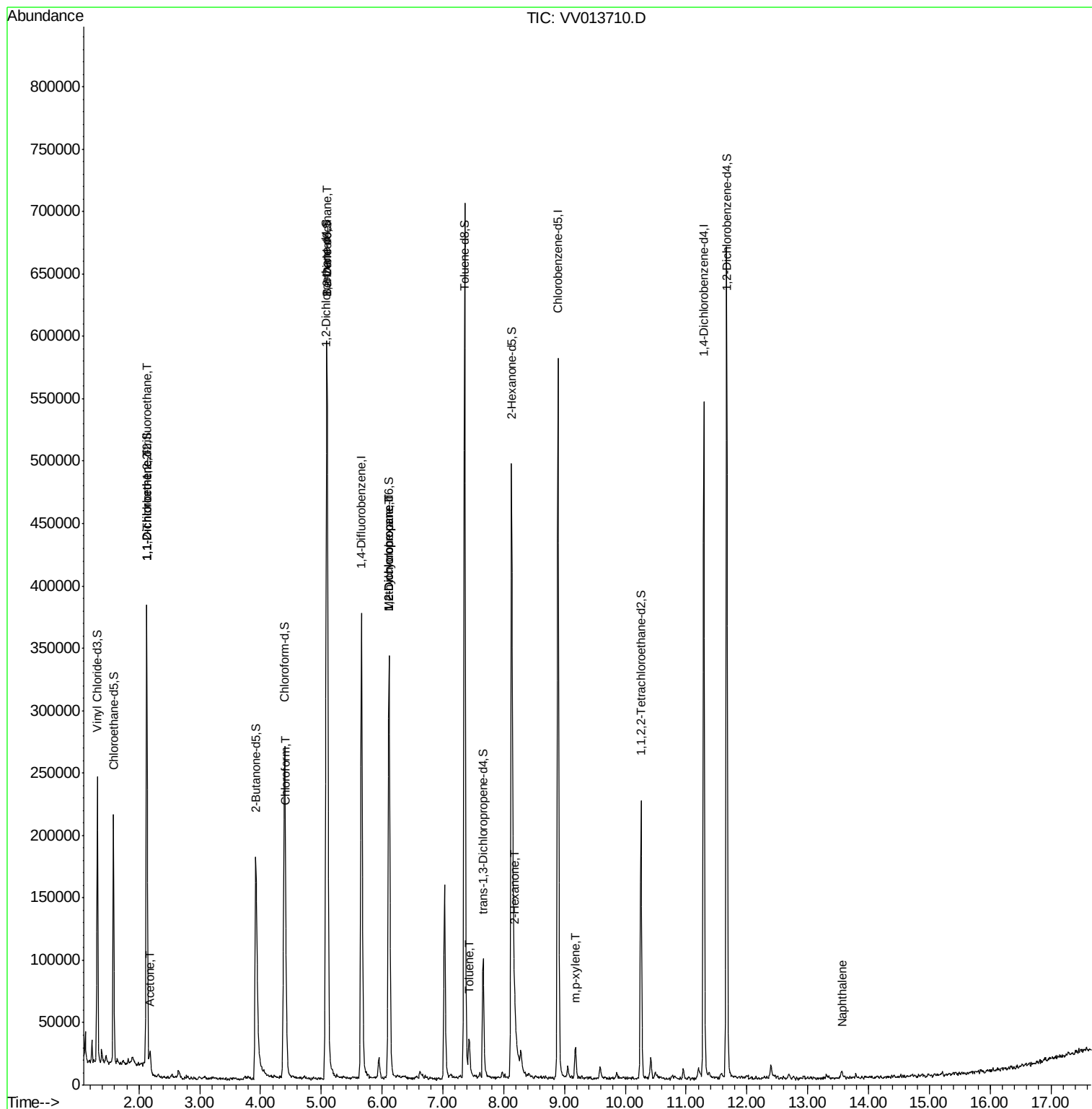
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2039	0.101 ug/L #	20
12) 1,1-Dichloroethene	2.13	96	1795	0.092 ug/L #	1
13) Acetone	2.18	43	12169	4.134 ug/L #	38
25) Chloroform	4.42	83	14649	0.252 ug/L	89
27) 1,2-Dichloroethane	5.09	62	3302	0.128 ug/L	95
35) Methylcyclohexane	6.11	83	40150	1.004 ug/L #	19
37) 1,2-Dichloropropane	6.11	63	17728	0.755 ug/L #	86
42) Toluene	7.43	91	21531	0.206 ug/L	96
48) 2-Hexanone	8.18	43	13863	1.432 ug/L #	48
53) m,p-xylene	9.18	106	7256	0.172 ug/L	99
69) Naphthalene	13.56	128	4780	0.102 ug/L #	93

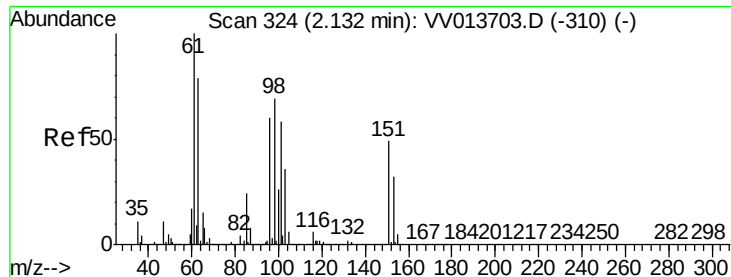
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.101 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

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ClientSampleId :

GAQL5

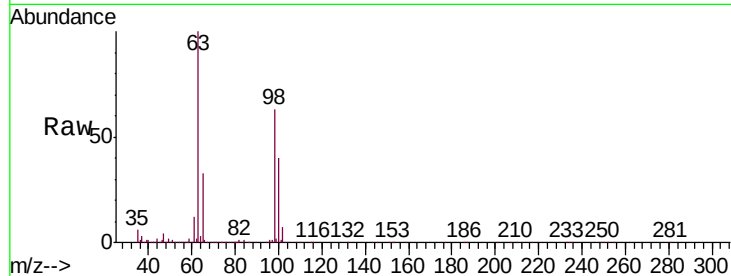
Tgt Ion: 101 Resp: 2039

Ion Ratio Lower Upper

101 100

85 0.0 32.0 48.0#

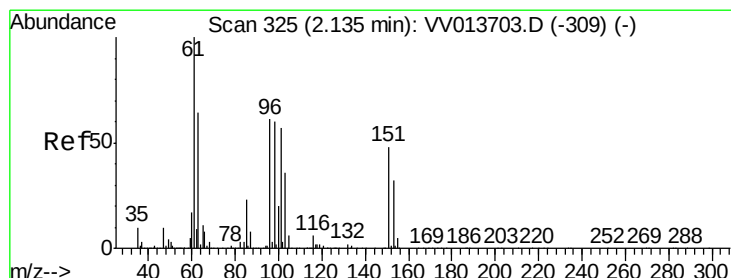
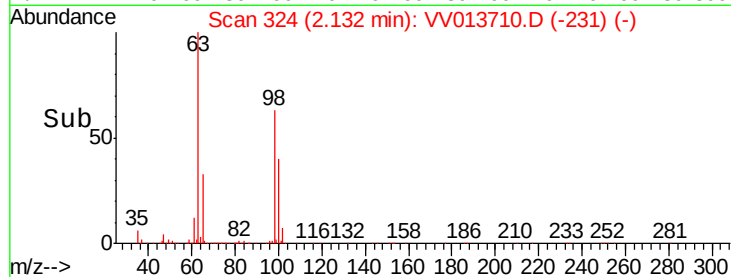
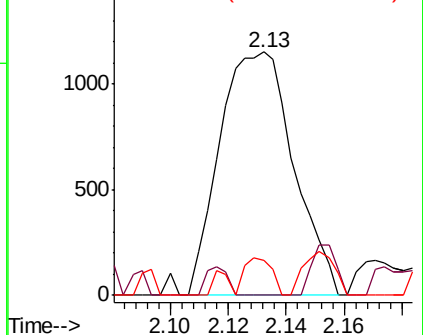
151 5.7 69.0 103.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.092 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013710.D

Acq: 21 Nov 2019 13:55

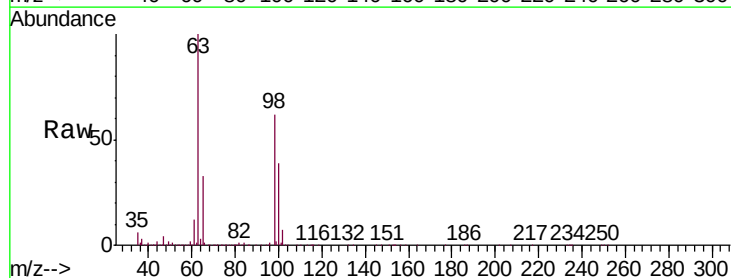
Tgt Ion: 96 Resp: 1795

Ion Ratio Lower Upper

96 100

61 1370.7 112.5 208.9#

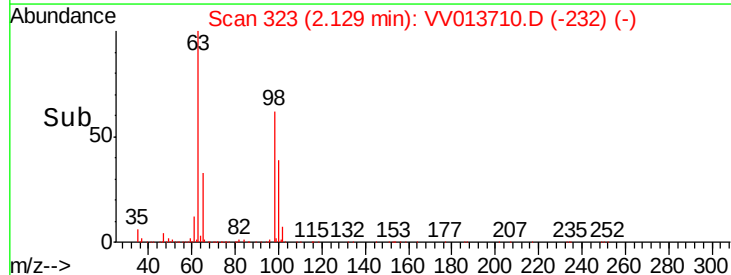
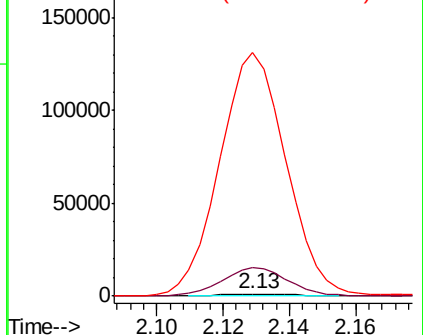
63 11883.2 76.9 142.7#

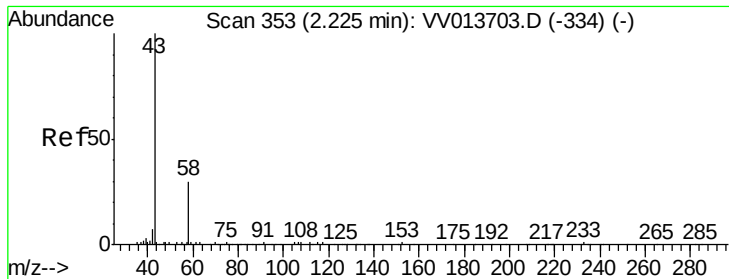


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 4.134 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.04 min

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MSVOA_V

ClientSampleId :

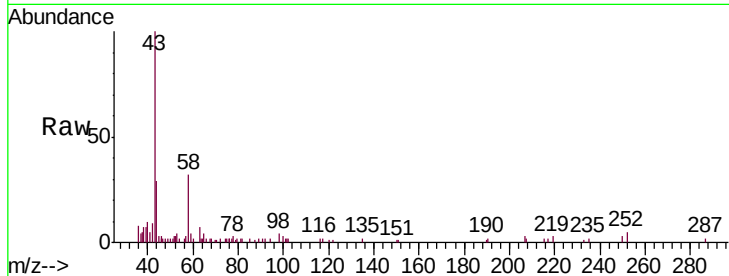
GAQL5

Tgt Ion: 43 Resp: 12169

Ion Ratio Lower Upper

43 100

58 30.6 0.0 17.0#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

8000

6000

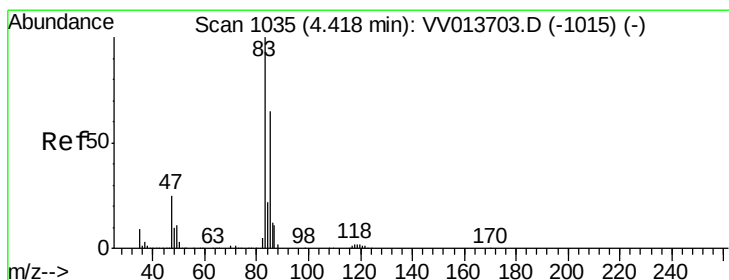
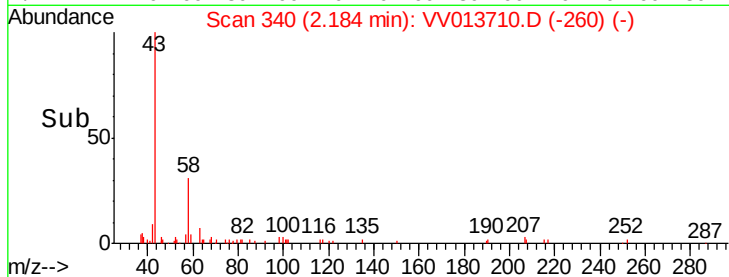
4000

2000

0

2.10 2.15 2.20 2.25

Time-->



#25

Chloroform

Concen: 0.252 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VV013710.D

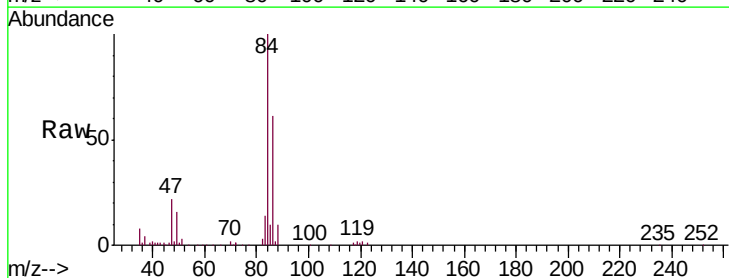
Acq: 21 Nov 2019 13:55

Tgt Ion: 83 Resp: 14649

Ion Ratio Lower Upper

83 100

85 71.9 44.4 82.5



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

6000

5000

4000

3000

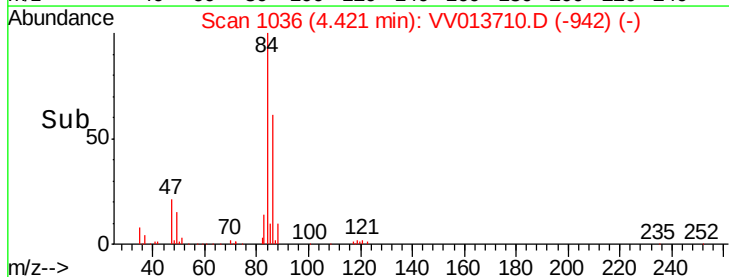
2000

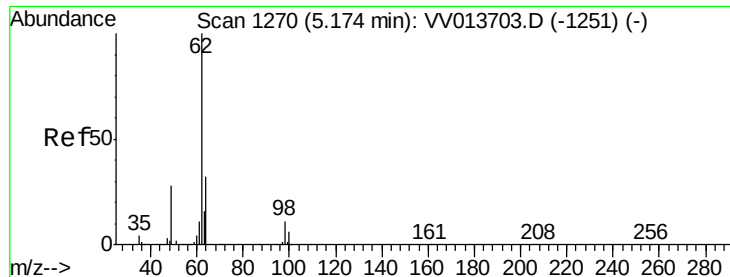
1000

0

4.35 4.40 4.45 4.50

Time-->





#27

1,2-Dichloroethane

Concen: 0.128 ug/L

RT: 5.09 min Scan# 1245

Delta R.T. -0.08 min

Lab File: VV013710.D

Acq: 21 Nov 2019 13:55

Instrument :

MSVOA_V

ClientSampleId :

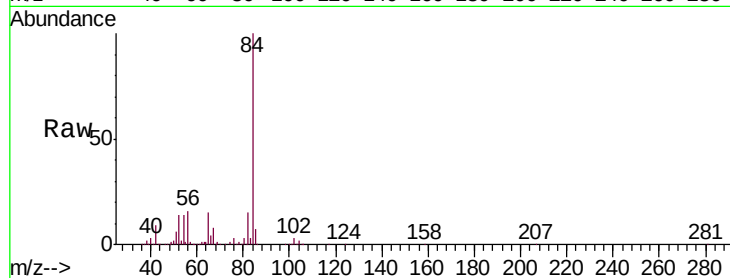
GAQL5

Tgt Ion: 62 Resp: 3302

Ion Ratio Lower Upper

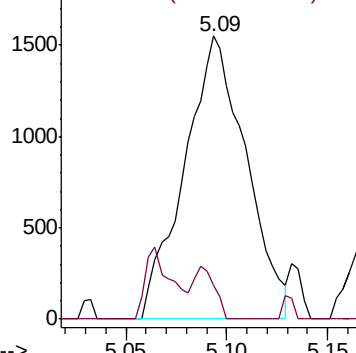
62 100

98 11.9 8.2 12.2

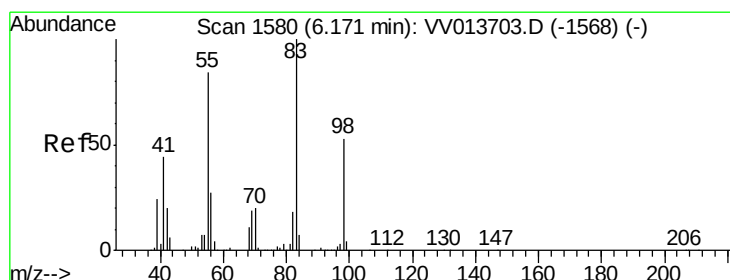
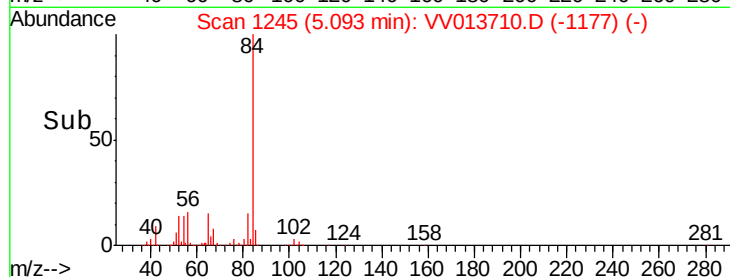


Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0



Time-->



#35

Methylcyclohexane

Concen: 1.004 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV013710.D

Acq: 21 Nov 2019 13:55

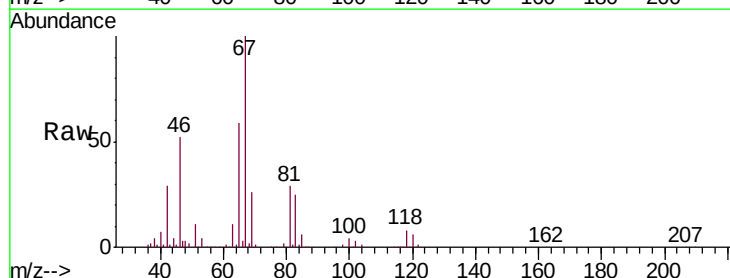
Tgt Ion: 83 Resp: 40150

Ion Ratio Lower Upper

83 100

55 1.3 64.1 96.1#

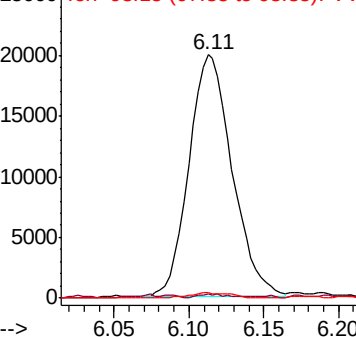
98 2.0 38.2 57.2#



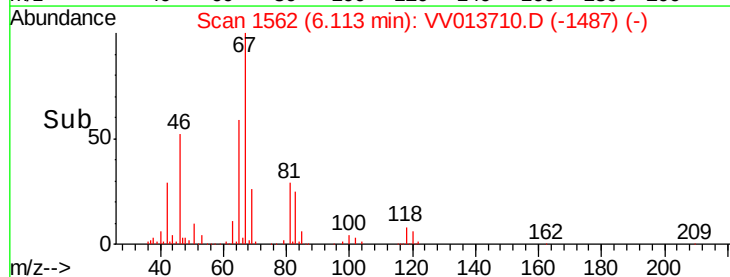
Abundance Ion 83.15 (82.85 to 83.85): VV0

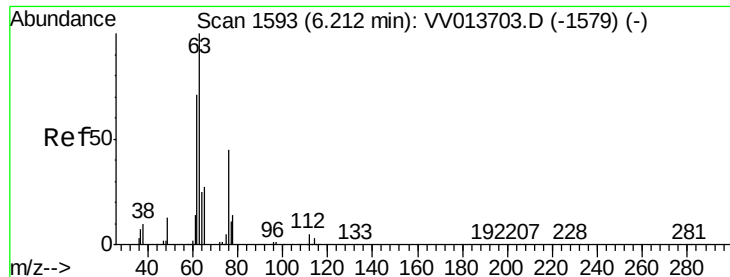
Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0



Time-->





#37

1,2-Dichloropropane

Concen: 0.755 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VV013710.D

Acq: 21 Nov 2019 13:55

Instrument :

MSVOA_V

ClientSampleId :

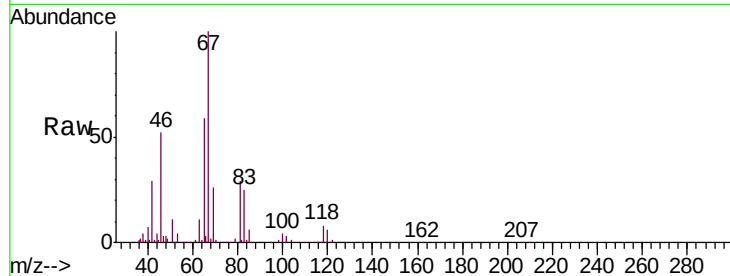
GAQL5

Tgt Ion: 63 Resp: 17728

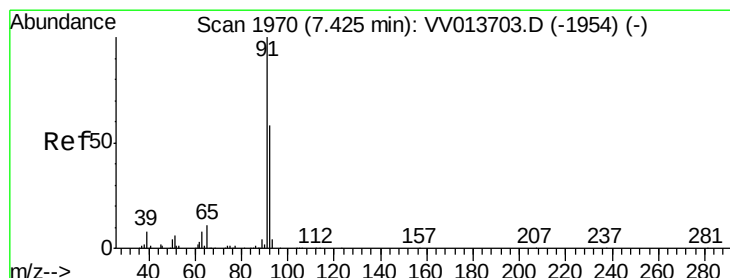
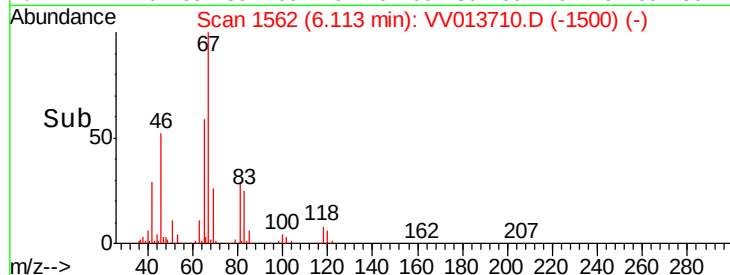
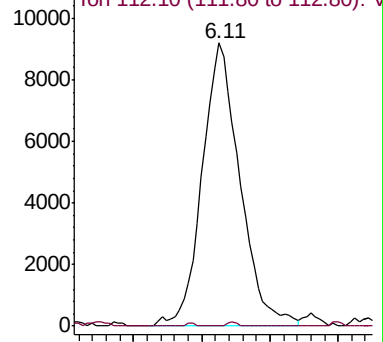
Ion Ratio Lower Upper

63 100

112 0.4 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VV013710.D (-1500) (-)



#42

Toluene

Concen: 0.206 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VV013710.D

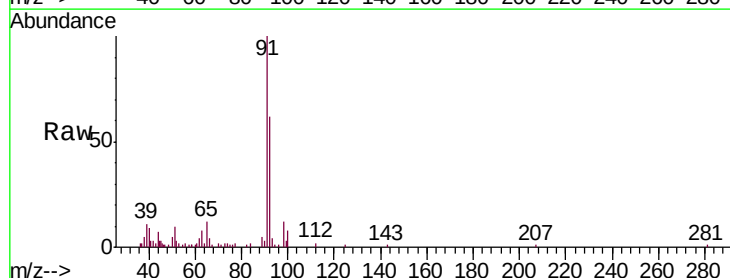
Acq: 21 Nov 2019 13:55

Tgt Ion: 91 Resp: 21531

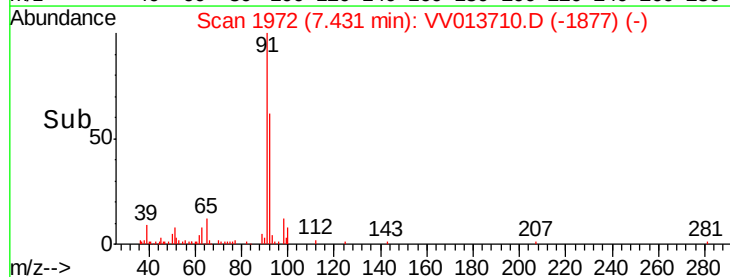
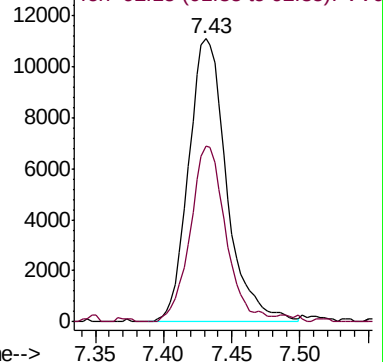
Ion Ratio Lower Upper

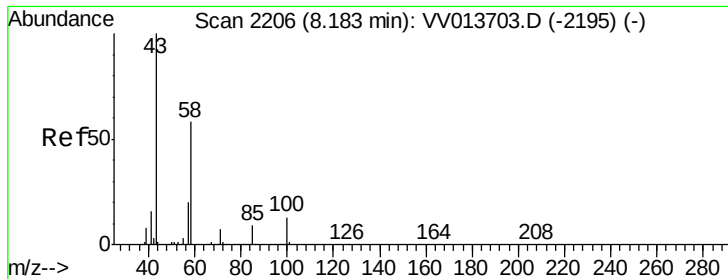
91 100

92 62.0 41.2 76.6



Abundance Ion 91.15 (90.85 to 91.85): VV013710.D (-1877) (-)

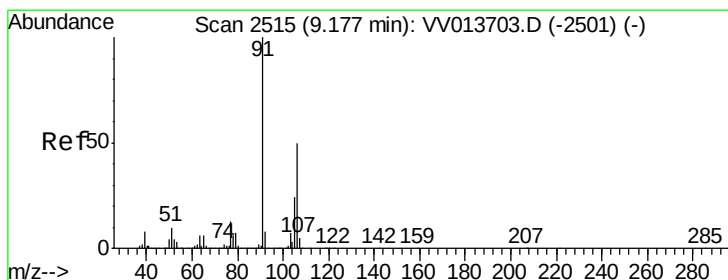
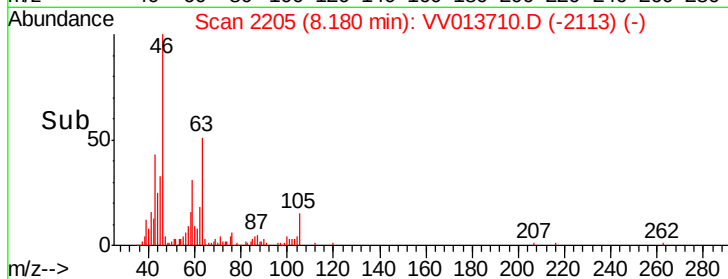
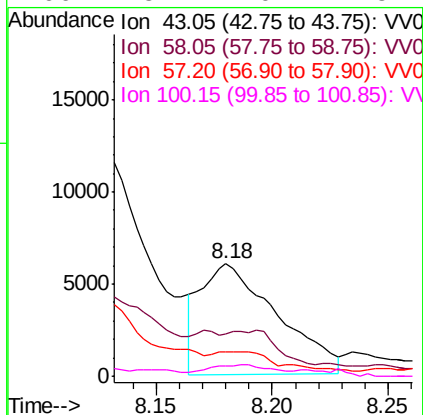
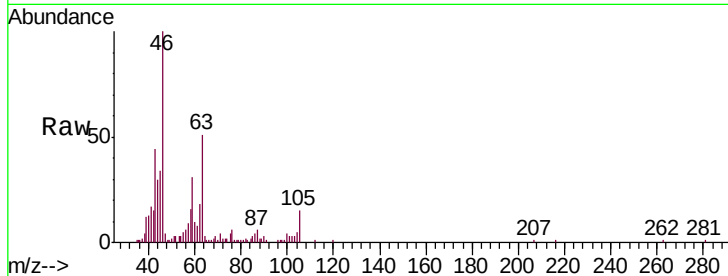




#48
2-Hexanone
Concen: 1.432 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VV013710.D
Acq: 21 Nov 2019 13:55

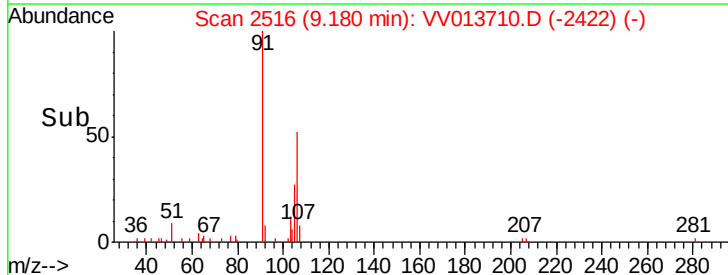
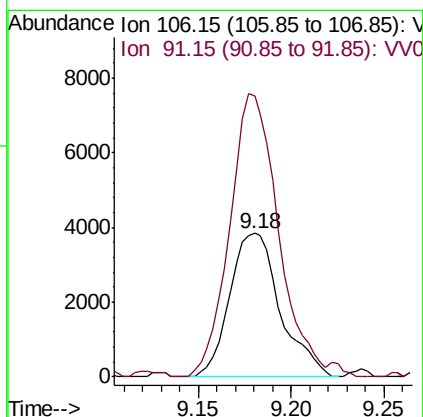
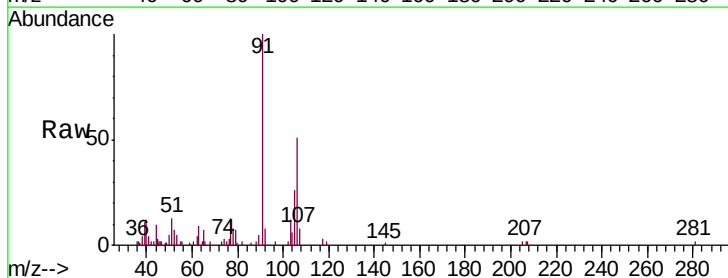
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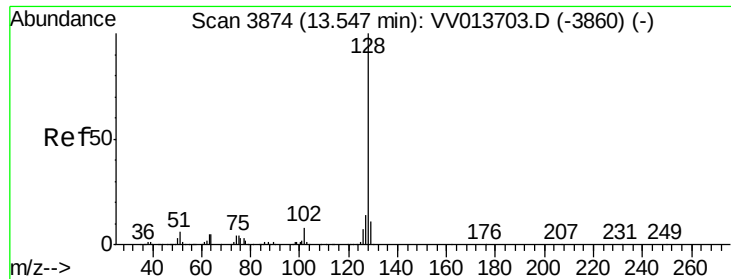
Tgt Ion: 43 Resp: 13863
Ion Ratio Lower Upper
43 100
58 0.0 43.0 64.6#
57 14.7 15.4 23.2#
100 5.7 10.1 15.1#



#53
m,p-xylene
Concen: 0.172 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV013710.D
Acq: 21 Nov 2019 13:55

Tgt Ion: 106 Resp: 7256
Ion Ratio Lower Upper
106 100
91 196.1 138.1 256.5





#69

Naphthalene

Concen: 0.102 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. 0.01 min

Lab File: VV013710.D

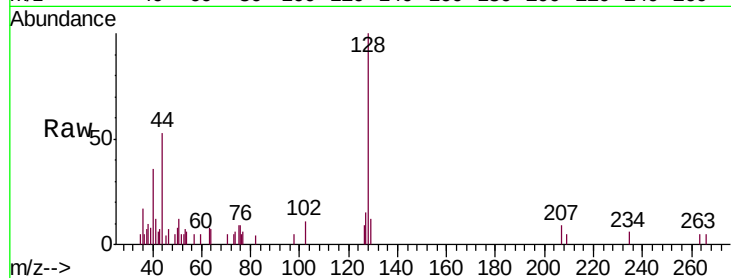
Acq: 21 Nov 2019 13:55

Instrument :

MSVOA_V

ClientSampleId :

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Tgt Ion:	128	Resp:	4780
Ion	Ratio	Lower	Upper
128	100		
129	12.4	8.6	13.0
127	16.5	10.4	15.6

