

Data File : VV013656.D
Acq On : 18 Nov 2019 13:52
Operator : SY/MD
Sample : K5856-22
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAR28

Quant Time: Nov 19 04:28:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 19 04:25:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	325742	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	325823	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	144355	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100545	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.58	69	95624	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.13	63	142600	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.00%
20) 2-Butanone-d5	3.92	46	277479	59.63	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.26%
24) Chloroform-d	4.40	84	223469	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.08	65	118686	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.00%
32) Benzene-d6	5.09	84	442238	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.11	67	140921	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.36	98	373703	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	7.66	79	49005	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.13	63	186950	47.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.66%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	101420	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	154887	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

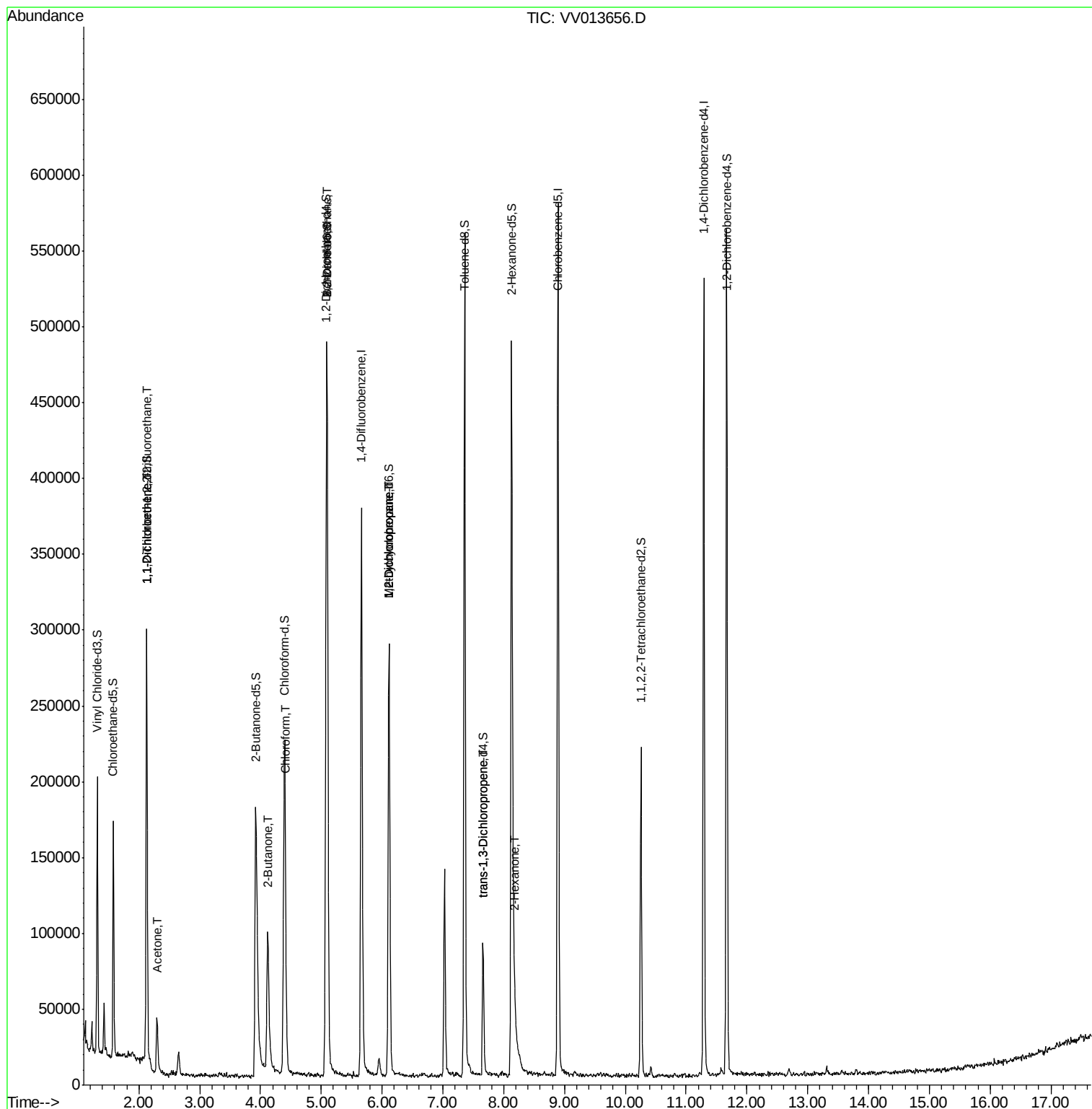
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1652	0.082	ug/L #	26
12) 1,1-Dichloroethene	2.13	96	1691	0.087	ug/L #	1
13) Acetone	2.30	43	9966	3.395	ug/L	95
21) 2-Butanone	4.12	43	146889	29.835	ug/L #	52
25) Chloroform	4.42	83	8615	0.148	ug/L	96
27) 1,2-Dichloroethane	5.10	62	3010	0.117	ug/L	100
35) Methylcyclohexane	6.12	83	35252	0.876	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	15236	0.645	ug/L #	86
44) trans-1,3-Dichloropropene	7.66	75	2619	0.098	ug/L	84
48) 2-Hexanone	8.18	43	11762	1.207	ug/L #	75

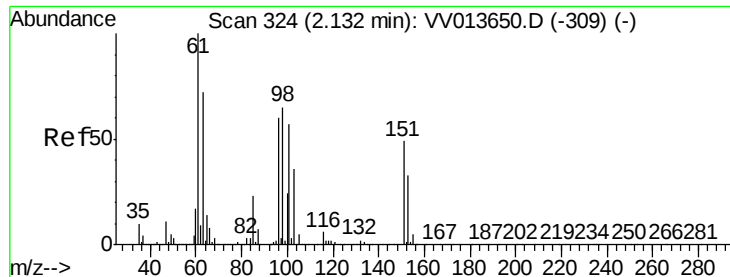
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.082 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV013656.D

Acq: 18 Nov 2019 13:52

Instrument :

MSVOA_V

ClientSampleId :

GAR28

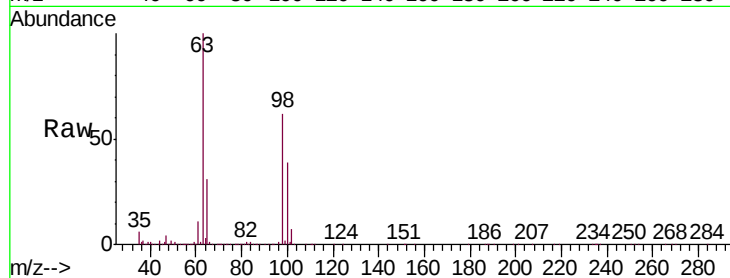
Tgt Ion: 101 Resp: 1652

Ion Ratio Lower Upper

101 100

85 6.8 32.0 48.0#

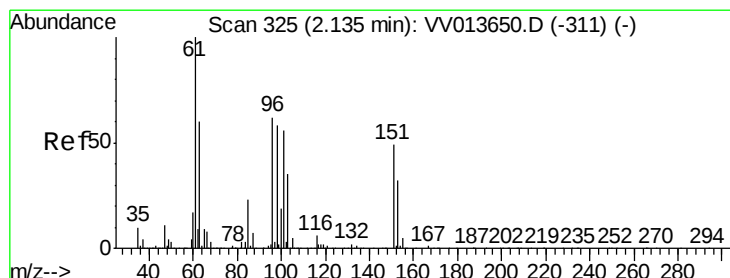
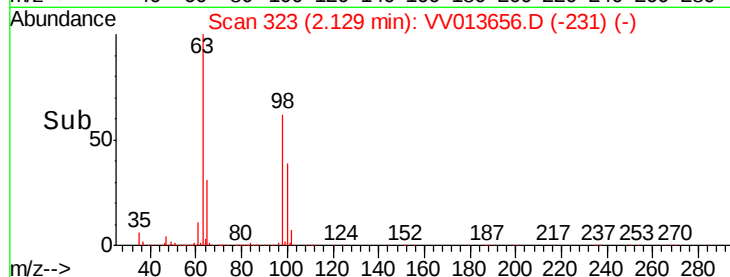
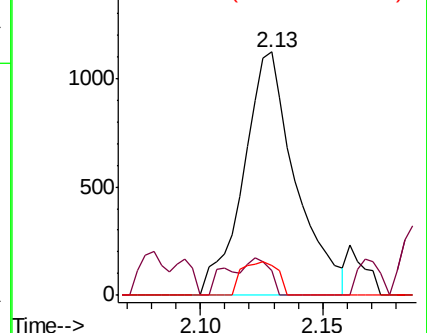
151 9.4 69.0 103.6#



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: 0.087 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013656.D

Acq: 18 Nov 2019 13:52

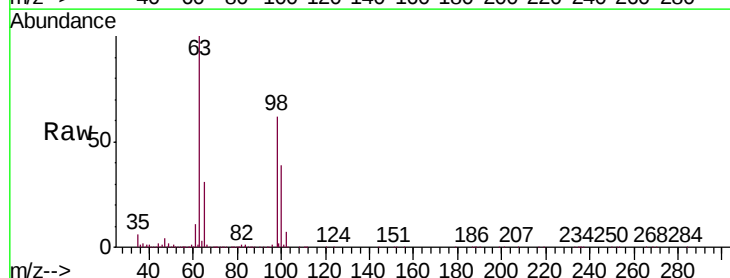
Tgt Ion: 96 Resp: 1691

Ion Ratio Lower Upper

96 100

61 1157.2 112.5 208.9#

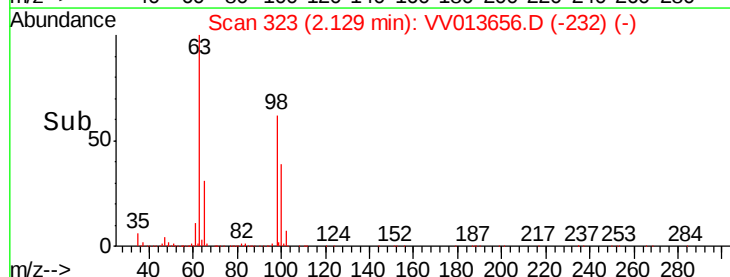
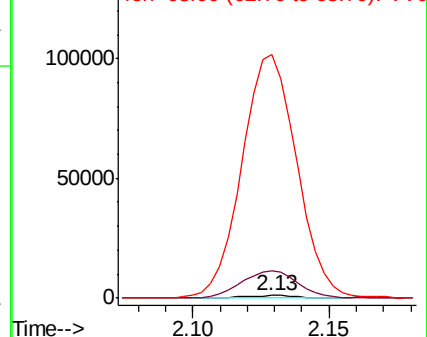
63 10105.0 76.9 142.7#

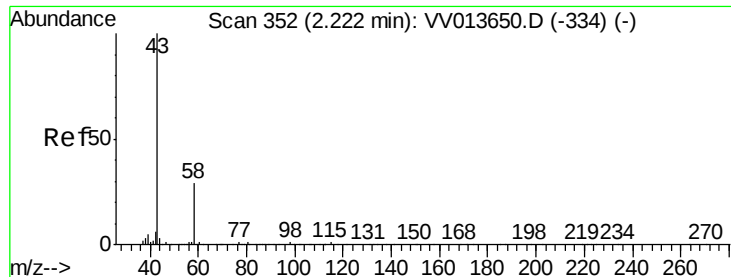


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

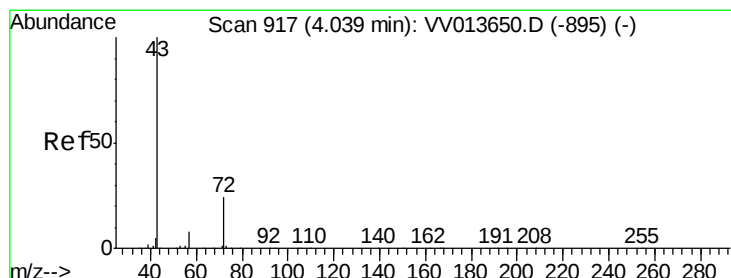
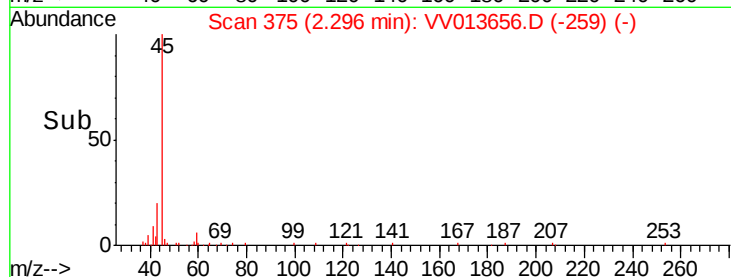
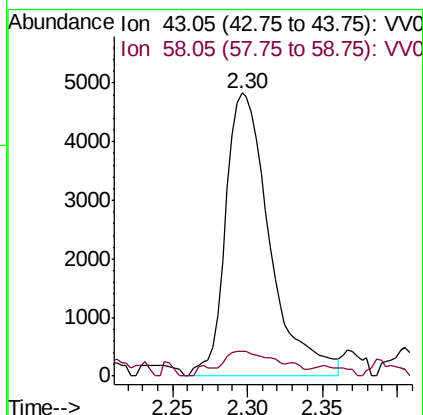
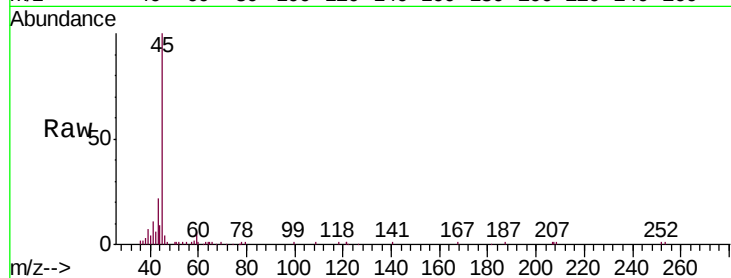




#13
Acetone
Concen: 3.395 ug/L
RT: 2.30 min Scan# 375
Delta R.T. 0.07 min
Lab File: VV013656.D
Acq: 18 Nov 2019 13:52

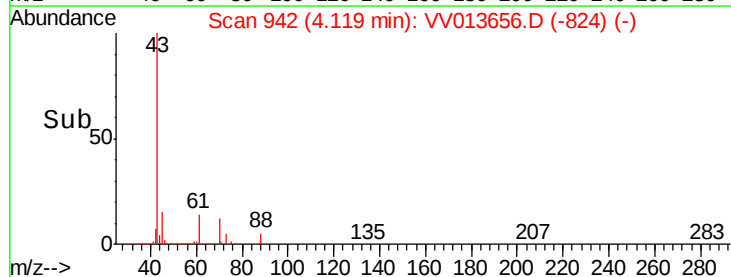
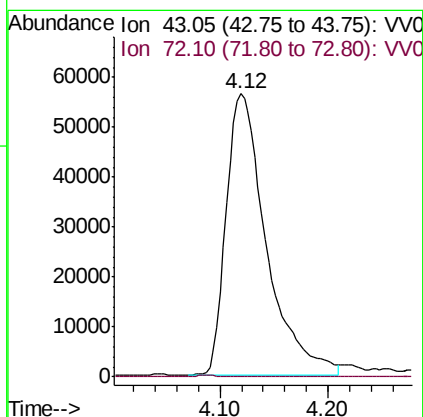
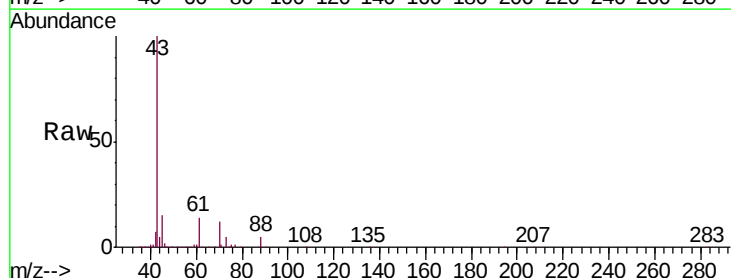
Instrument :
MSVOA_V
ClientSampleId :
GAR28

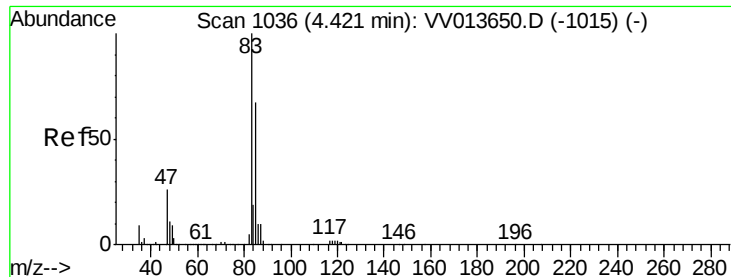
Tgt Ion: 43 Resp: 9966
Ion Ratio Lower Upper
43 100
58 10.4 0.0 17.0



#21
2-Butanone
Concen: 29.835 ug/L
RT: 4.12 min Scan# 942
Delta R.T. 0.08 min
Lab File: VV013656.D
Acq: 18 Nov 2019 13:52

Tgt Ion: 43 Resp: 146889
Ion Ratio Lower Upper
43 100
72 0.0 11.6 34.8#





#25

Chloroform

Concen: 0.148 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VV013656.D

Acq: 18 Nov 2019 13:52

Instrument :

MSVOA_V

ClientSampleId :

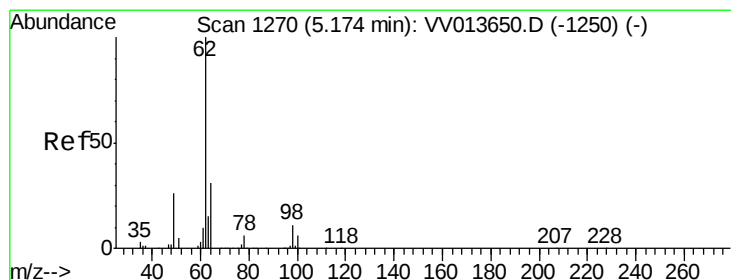
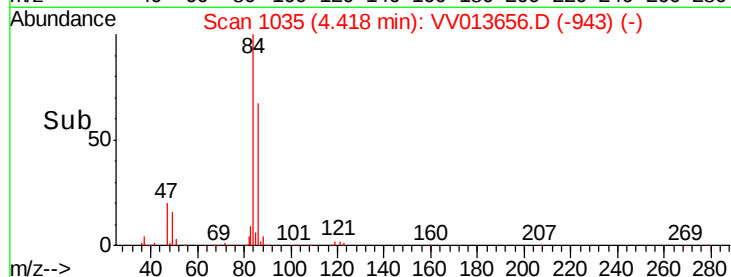
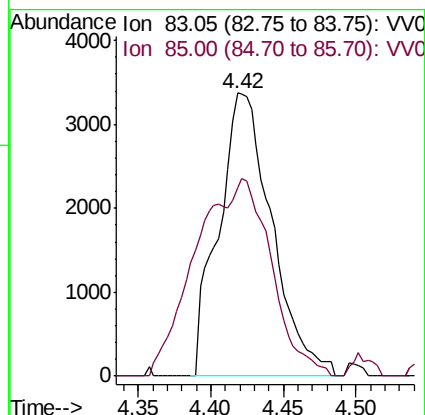
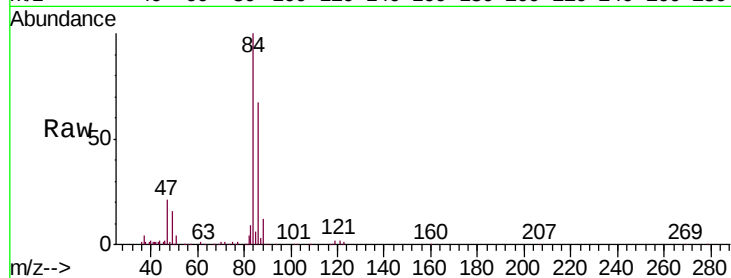
GAR28

Tgt Ion: 83 Resp: 8615

Ion Ratio Lower Upper

83 100

85 66.5 44.4 82.5



#27

1,2-Dichloroethane

Concen: 0.117 ug/L

RT: 5.10 min Scan# 1247

Delta R.T. -0.07 min

Lab File: VV013656.D

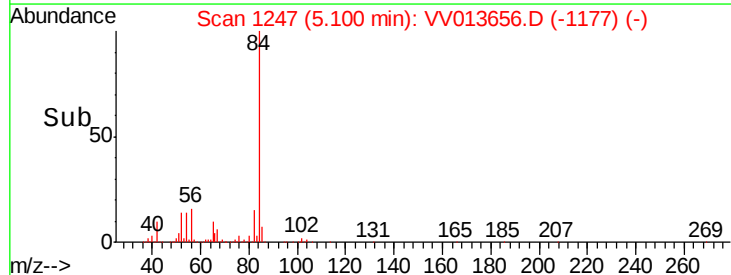
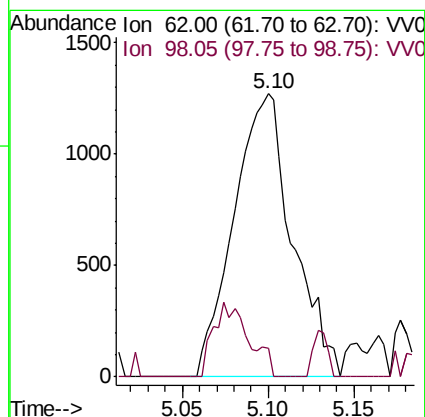
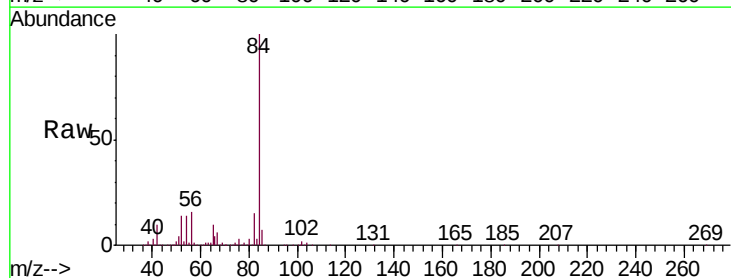
Acq: 18 Nov 2019 13:52

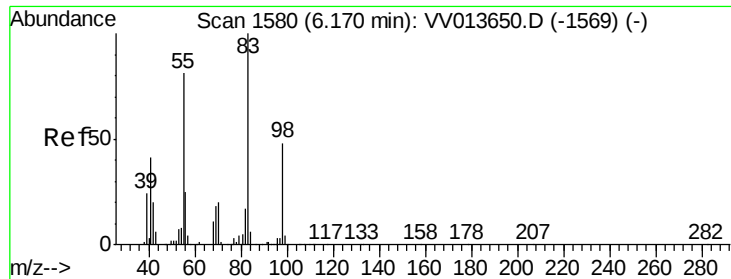
Tgt Ion: 62 Resp: 3010

Ion Ratio Lower Upper

62 100

98 10.2 8.2 12.2

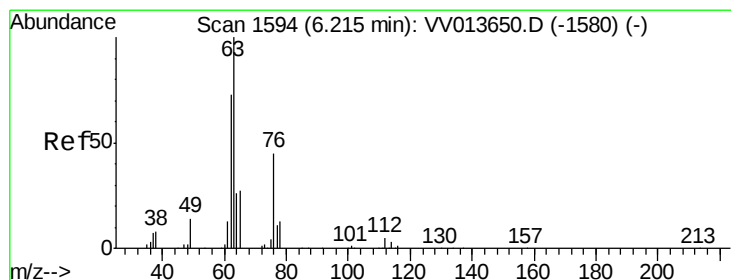
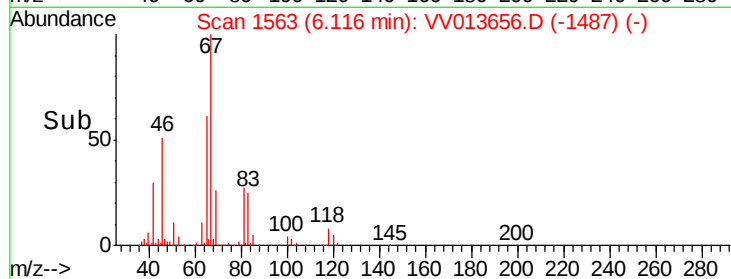
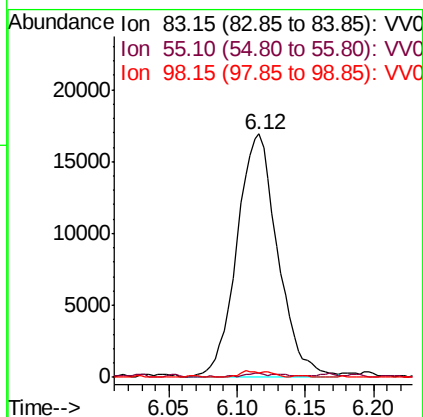
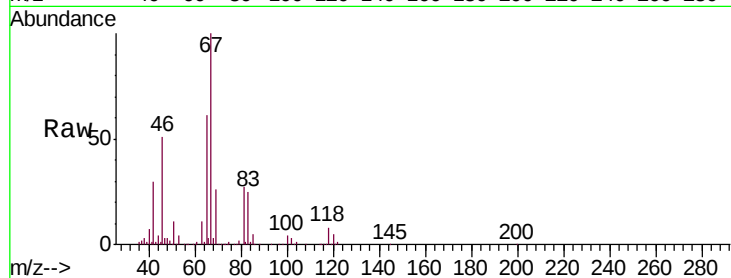




#35
Methylcyclohexane
Concen: 0.876 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV013656.D
Acq: 18 Nov 2019 13:52

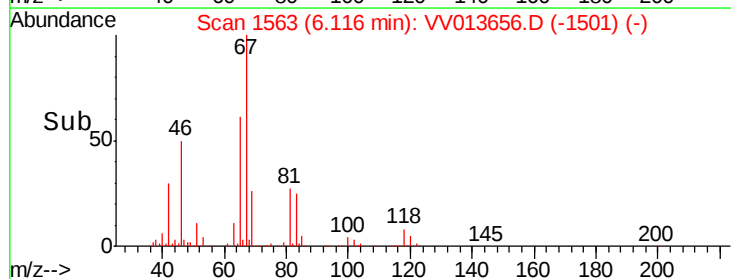
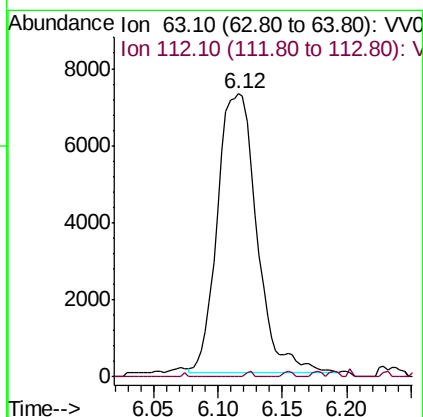
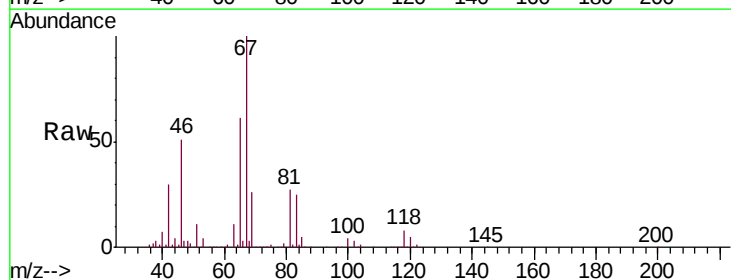
Instrument :
MSVOA_V
ClientSampled :
GAR28

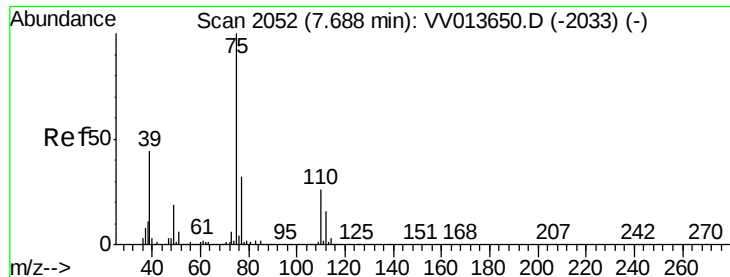
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.8	64.1	96.1#
98	0.8	38.2	57.2#



#37
1,2-Dichloropropane
Concen: 0.645 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV013656.D
Acq: 18 Nov 2019 13:52

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.3	4.1	6.1#





#44

trans-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV013656.D

Acq: 18 Nov 2019 13:52

Instrument :

MSVOA_V

ClientSampled :

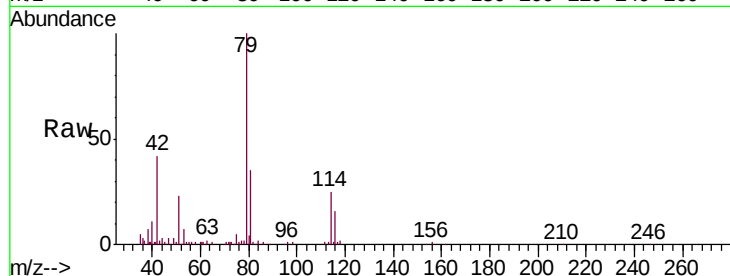
GAR28

Tgt Ion: 75 Resp: 2619

Ion Ratio Lower Upper

75 100

77 39.8 21.6 40.2



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.66

1500

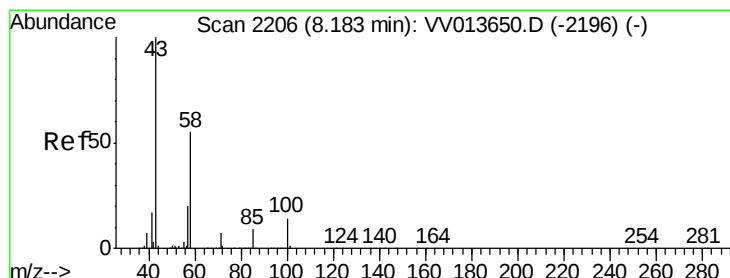
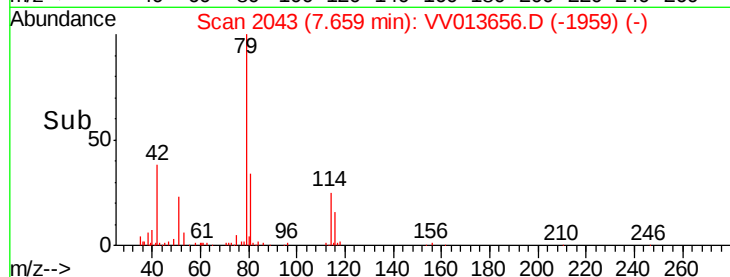
1000

500

0

7.60 7.65 7.70

Time-->



#48

2-Hexanone

Concen: 1.207 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VV013656.D

Acq: 18 Nov 2019 13:52

Tgt Ion: 43 Resp: 11762

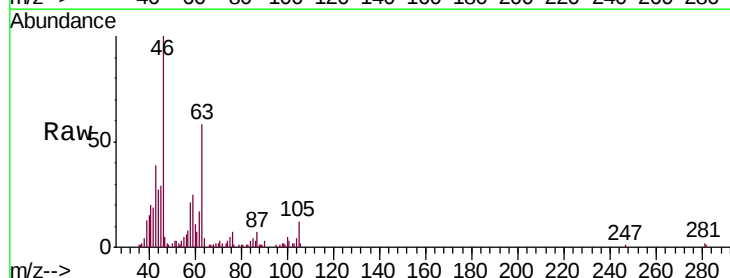
Ion Ratio Lower Upper

43 100

58 39.0 43.0 64.6#

57 0.0 15.4 23.2#

100 4.8 10.1 15.1#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

15000

10000

5000

0

8.15 8.20 8.25

Time-->

