

Data File : VV013569.D
Acq On : 09 Nov 2019 04:09
Operator : SY/MD
Sample : K5747-19
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2J14

Quant Time: Nov 09 05:03:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 09 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	360118	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	368072	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	162994	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78617	5.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.60%
7) Chloroethane-d5	1.58	69	74142	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.00%
11) 1,1-Dichloroethene-d2	2.13	63	98809	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	3.92	46	265534	48.80	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.60%
24) Chloroform-d	4.40	84	196928	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.08	65	111762	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
32) Benzene-d6	5.10	84	361726	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.12	67	130804	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.36	98	275384	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	7.66	79	42897	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.13	63	162544	41.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	88893	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	143970	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

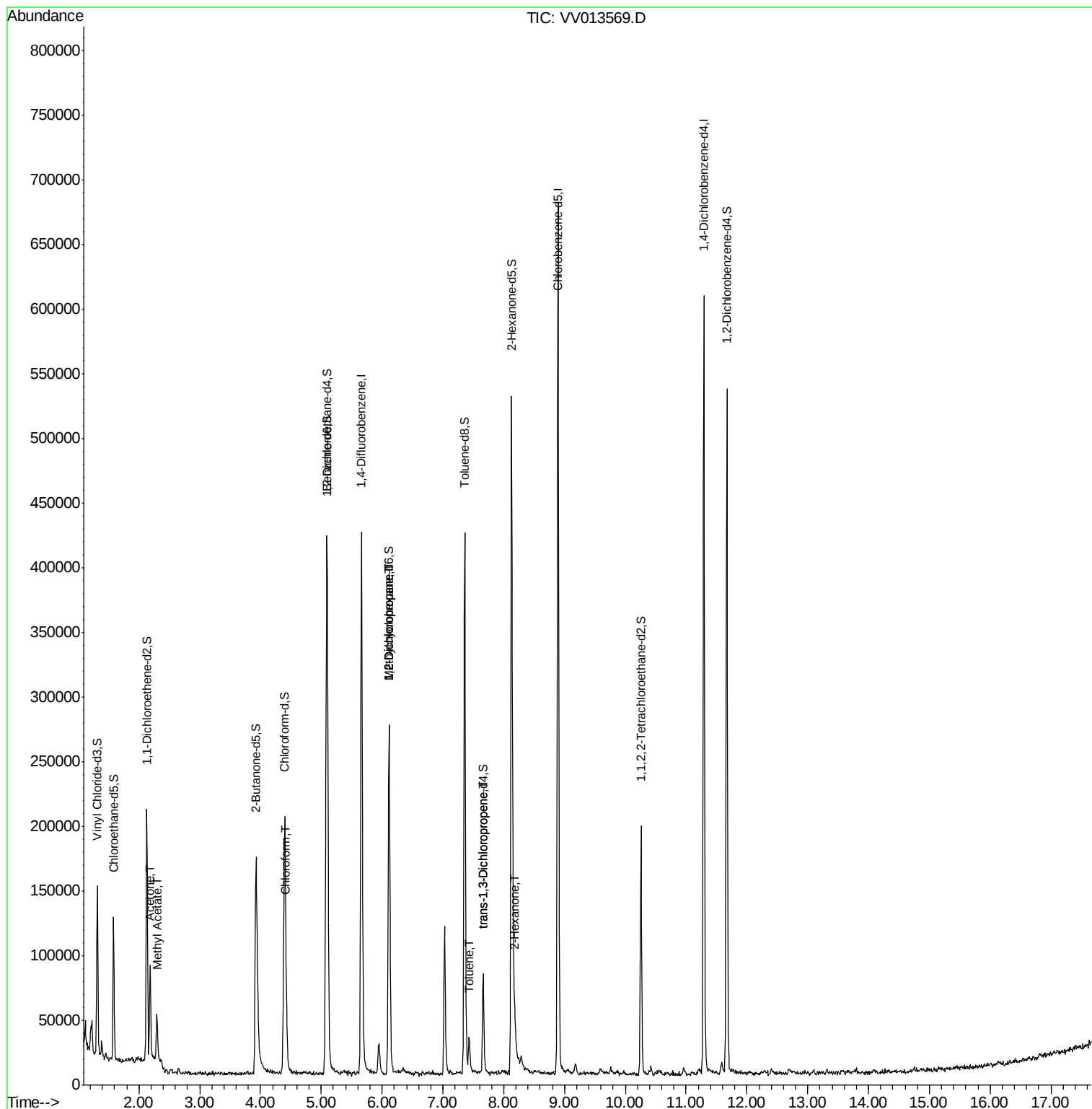
					Qvalue
13) Acetone	2.18	43	73899	22.388 ug/L	100
15) Methyl Acetate	2.30	43	8590	0.870 ug/L #	52
25) Chloroform	4.43	83	20293	0.371 ug/L	96
35) Methylcyclohexane	6.12	83	32518	0.694 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	13177	0.468 ug/L #	88
42) Toluene	7.43	91	18873	0.159 ug/L	94
44) trans-1,3-Dichloropropene	7.66	75	1915	0.062 ug/L	91
48) 2-Hexanone	8.18	43	17611	1.537 ug/L #	72

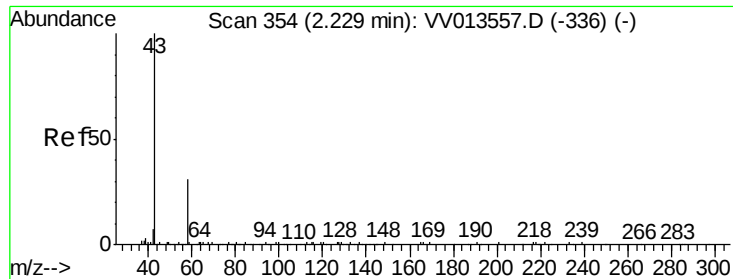
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 22.388 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.05 min

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Acq: 09 Nov 2019 04:09

Instrument :

MSVOA_V

ClientSampled :

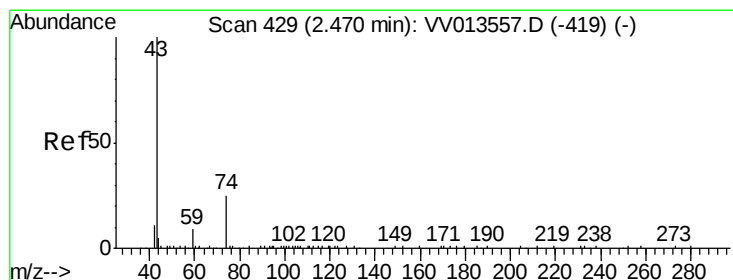
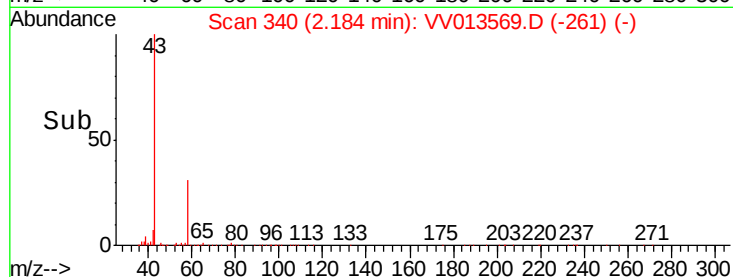
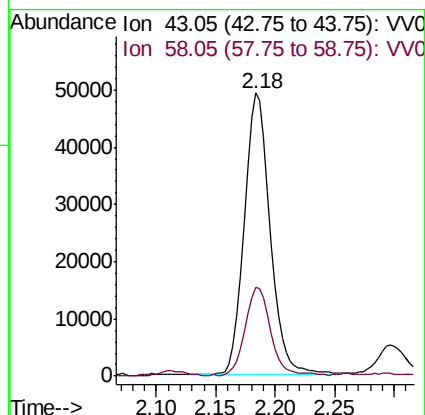
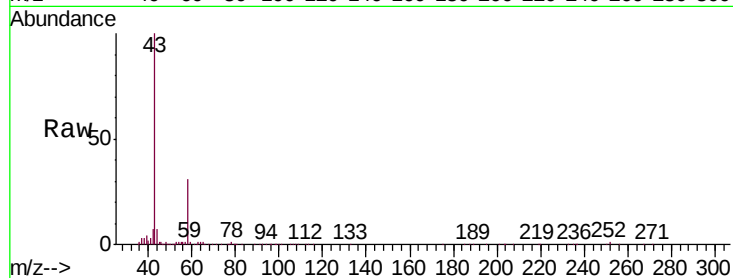
F2J14

Tgt Ion: 43 Resp: 73899

Ion Ratio Lower Upper

43 100

58 30.2 0.0 60.8



#15

Methyl Acetate

Concen: 0.870 ug/L

RT: 2.30 min Scan# 375

Delta R.T. -0.17 min

Lab File: VV013569.D

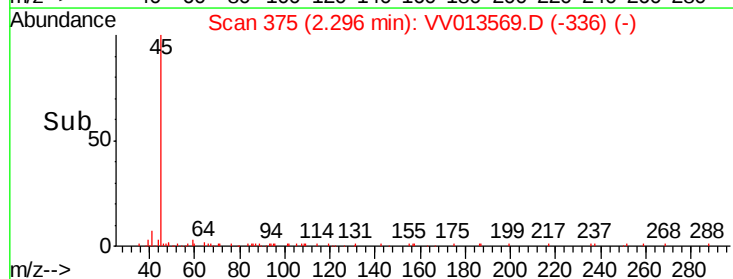
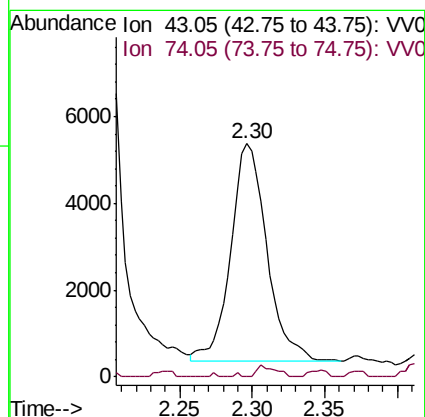
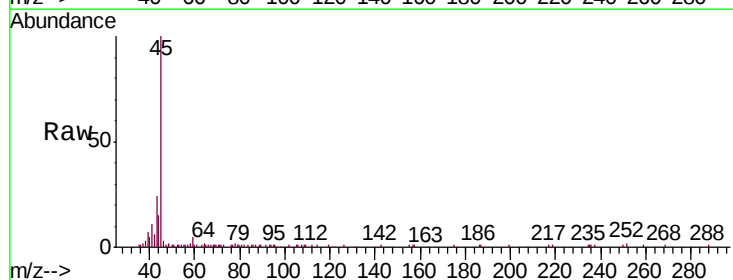
Acq: 09 Nov 2019 04:09

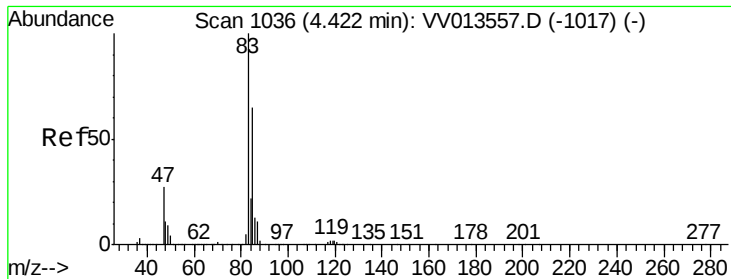
Tgt Ion: 43 Resp: 8590

Ion Ratio Lower Upper

43 100

74 0.2 19.4 29.0#





#25

Chloroform

Concen: 0.371 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

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Acq: 09 Nov 2019 04:09

Instrument :

MSVOA_V

ClientSampleId :

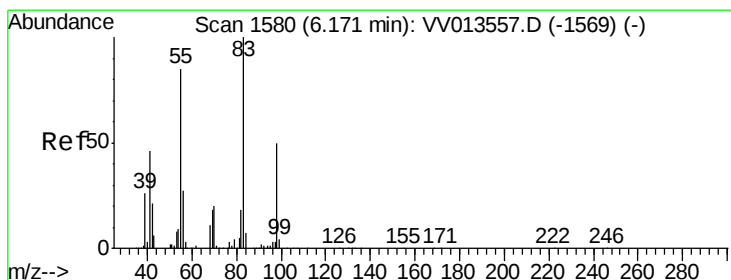
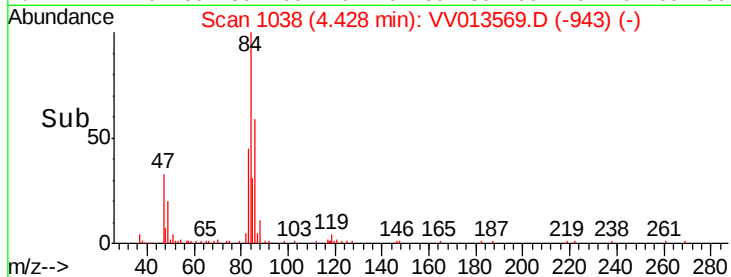
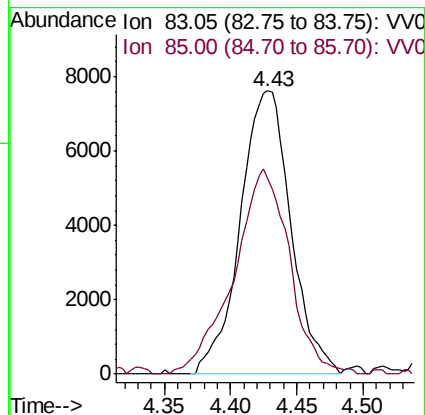
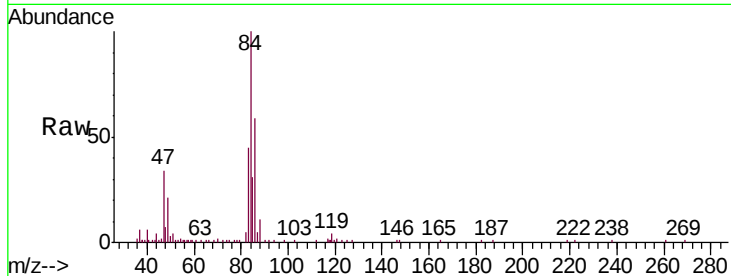
F2J14

Tgt Ion: 83 Resp: 20293

Ion Ratio Lower Upper

83 100

85 69.6 46.3 86.1



#35

Methylcyclohexane

Concen: 0.694 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV013569.D

Acq: 09 Nov 2019 04:09

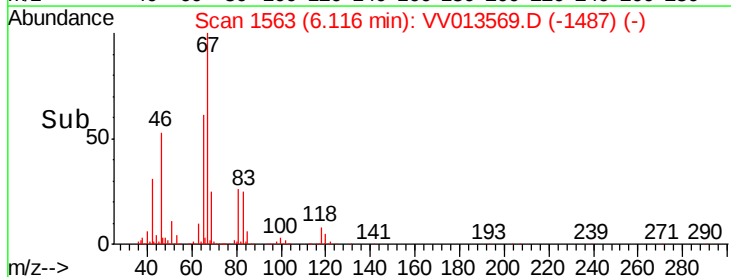
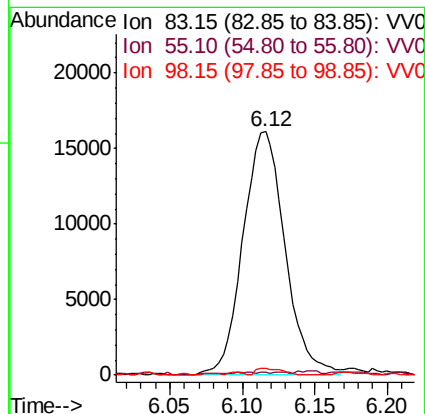
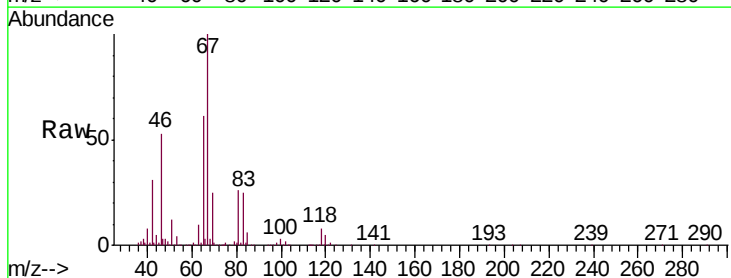
Tgt Ion: 83 Resp: 32518

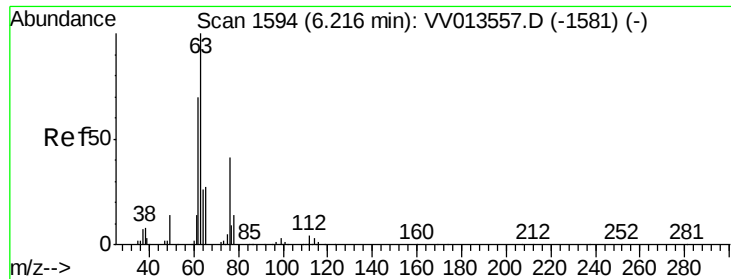
Ion Ratio Lower Upper

83 100

55 0.5 63.8 95.8#

98 1.6 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.468 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV013569.D

Acq: 09 Nov 2019 04:09

Instrument :

MSVOA_V

ClientSampleId :

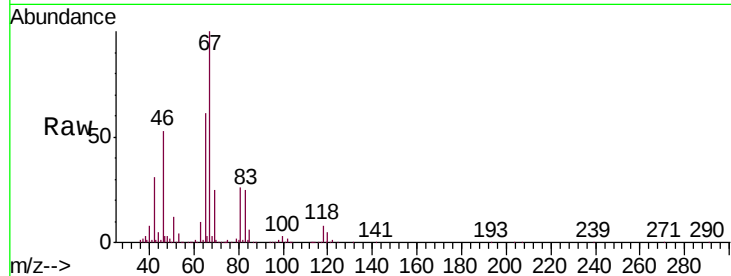
F2J14

Tgt Ion: 63 Resp: 13177

Ion Ratio Lower Upper

63 100

112 0.8 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV013557.D (-1581) (-)

Ion 112.10 (111.80 to 112.80): VV013557.D (-1581) (-)

6.12

6000

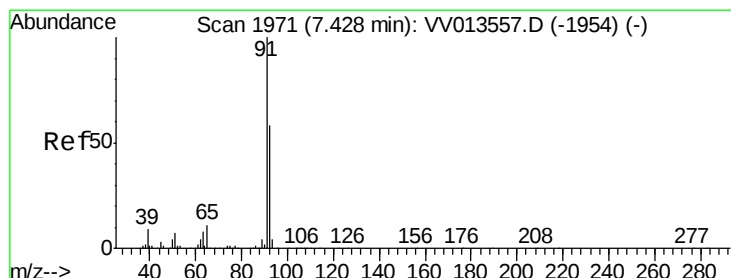
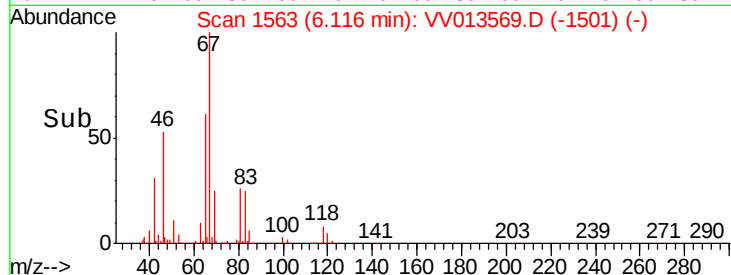
4000

2000

0

6.05 6.10 6.15 6.20

Time-->



#42

Toluene

Concen: 0.159 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV013569.D

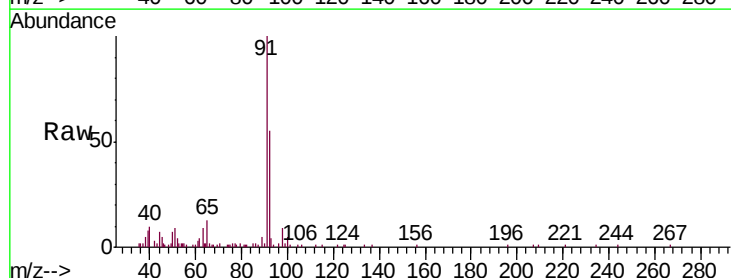
Acq: 09 Nov 2019 04:09

Tgt Ion: 91 Resp: 18873

Ion Ratio Lower Upper

91 100

92 54.7 41.4 77.0



Abundance Ion 91.15 (90.85 to 91.85): VV013557.D (-1954) (-)

Ion 92.15 (91.85 to 92.85): VV013557.D (-1954) (-)

7.43

12000

10000

8000

6000

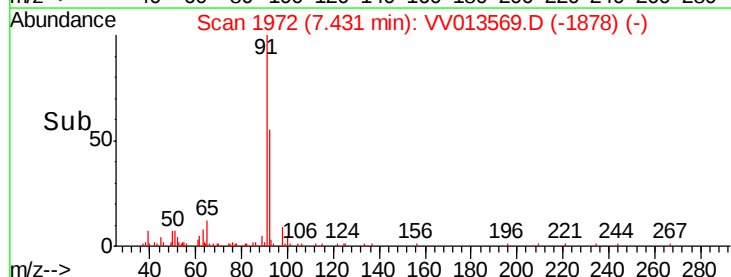
4000

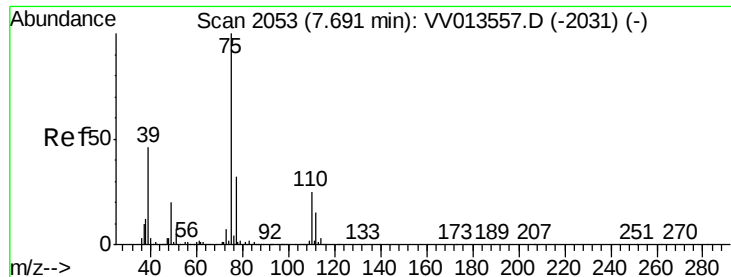
2000

0

7.35 7.40 7.45 7.50

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.062 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV013569.D

Acq: 09 Nov 2019 04:09

Instrument :

MSVOA_V

ClientSampleId :

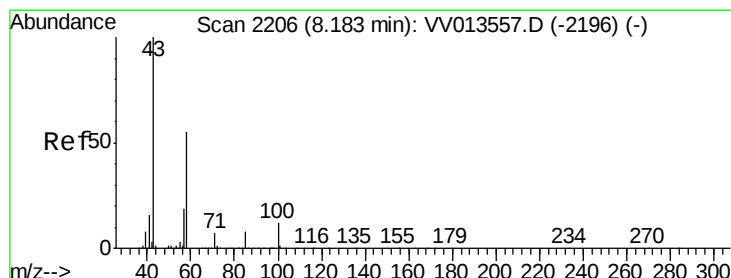
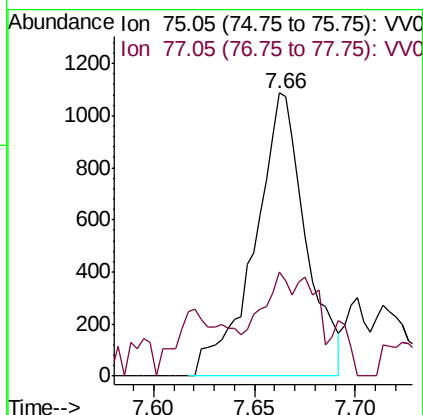
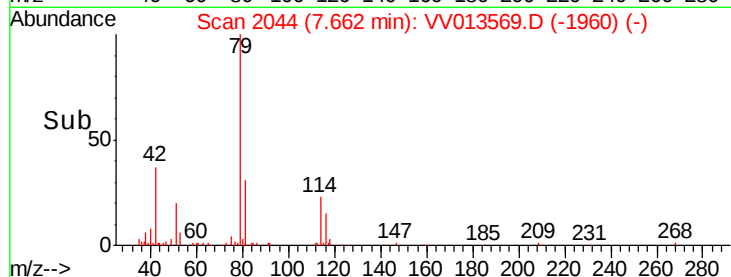
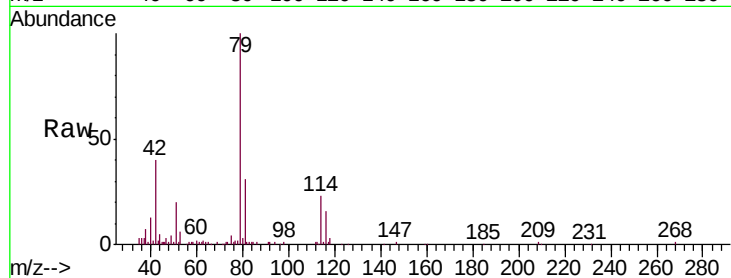
F2J14

Tgt Ion: 75 Resp: 1915

Ion Ratio Lower Upper

75 100

77 36.8 22.2 41.2



#48

2-Hexanone

Concen: 1.537 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. -0.00 min

Lab File: VV013569.D

Acq: 09 Nov 2019 04:09

Tgt Ion: 43 Resp: 17611

Ion Ratio Lower Upper

43 100

58 36.4 43.8 65.8#

57 0.0 15.0 22.6#

100 5.6 9.8 14.6#

