

Data File : VV013545.D
Acq On : 08 Nov 2019 17:44
Operator : SY/MD
Sample : K5747-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2J03

Quant Time: Nov 08 22:54:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 08 22:42:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	400600	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	397018	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	187024	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86850	5.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.80%
7) Chloroethane-d5	1.58	69	81907	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.20%
11) 1,1-Dichloroethene-d2	2.13	63	108692	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	3.92	46	297822	49.20	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.40%
24) Chloroform-d	4.40	84	216180	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.08	65	118785	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.10	84	400862	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.11	67	139118	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.36	98	315778	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	7.66	79	47054	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.13	63	189984	45.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	103109	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	162752	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

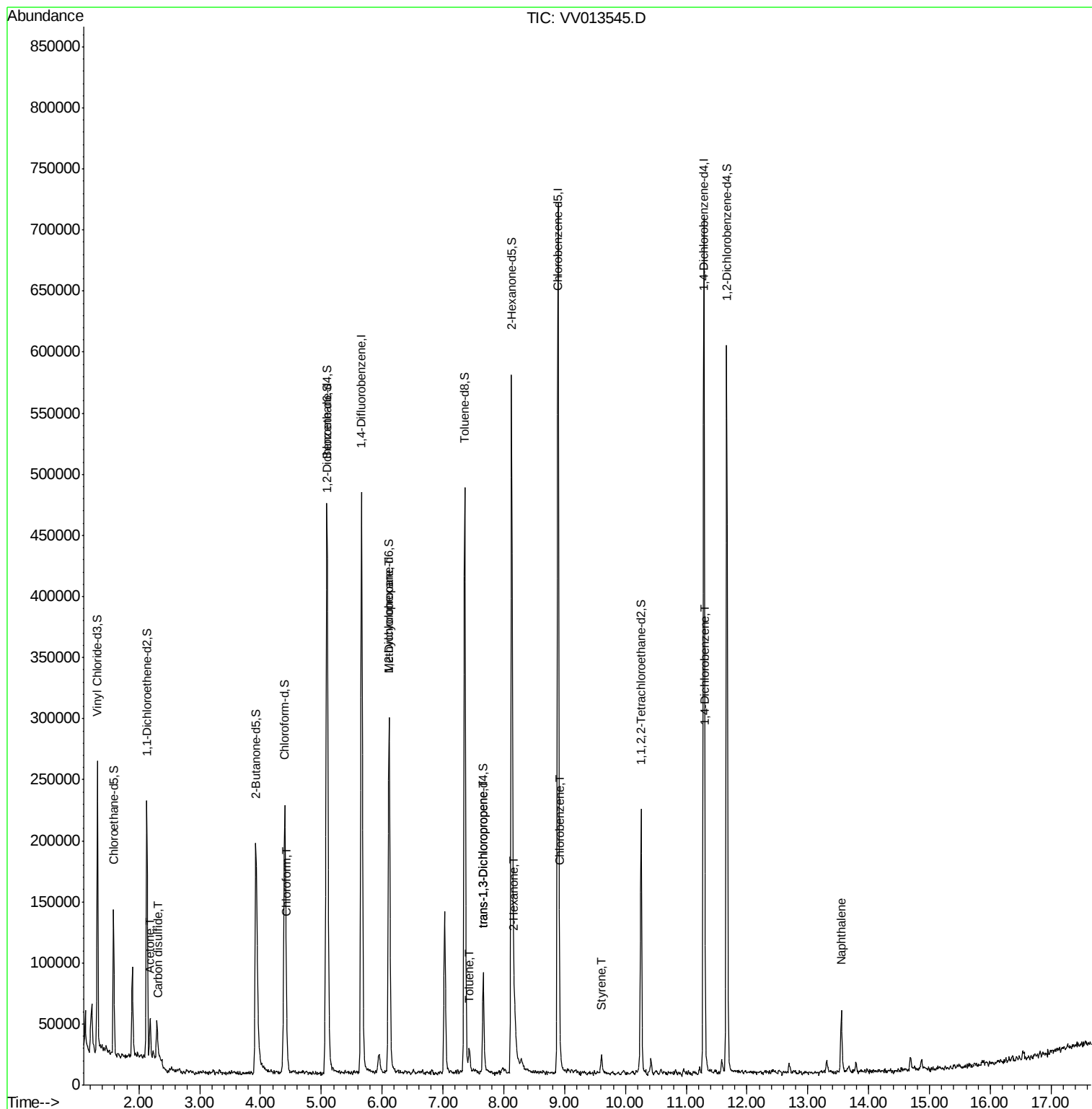
					Qvalue
13) Acetone	2.18	43	30524	8.313 ug/L	89
14) Carbon disulfide	2.32	76	3194	0.044 ug/L #	24
25) Chloroform	4.43	83	15619	0.257 ug/L	89
35) Methylcyclohexane	6.12	83	33614	0.665 ug/L #	17
42) Toluene	7.43	91	14059	0.110 ug/L	96
44) trans-1,3-Dichloropropene	7.66	75	2425	0.073 ug/L	84
48) 2-Hexanone	8.18	43	18081	1.463 ug/L #	91
51) Chlorobenzene	8.92	112	7905	0.093 ug/L	89
55) Styrene	9.60	104	7949	0.095 ug/L	96
63) 1,4-Dichlorobenzene	11.31	146	3559	0.057 ug/L	91
69) Naphthalene	13.55	128	43043	0.817 ug/L	99

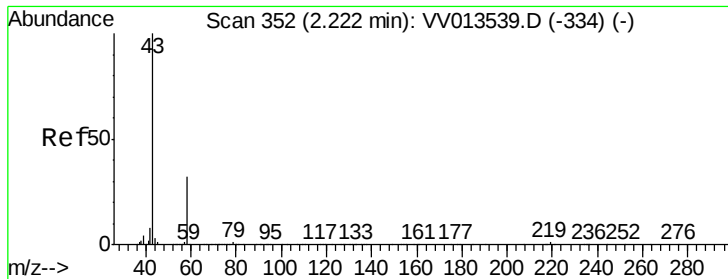
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.313 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.04 min

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ClientSampleId :

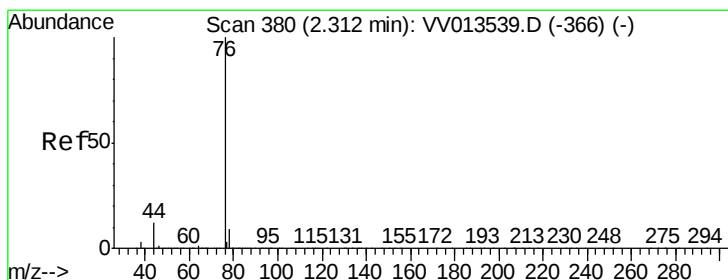
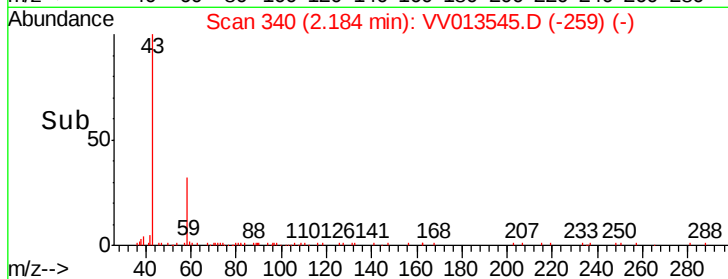
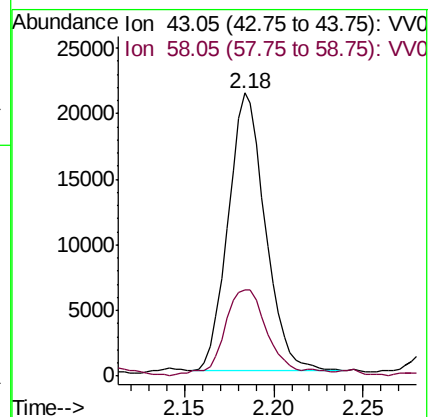
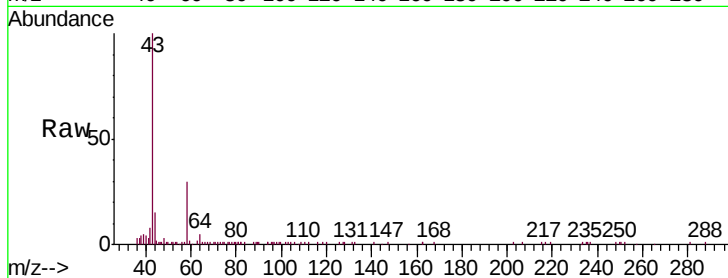
F2J03

Tgt Ion: 43 Resp: 30524

Ion Ratio Lower Upper

43 100

58 36.2 0.0 60.8



#14

Carbon disulfide

Concen: 0.044 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VV013545.D

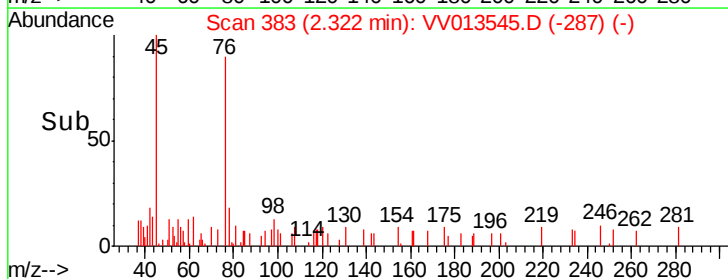
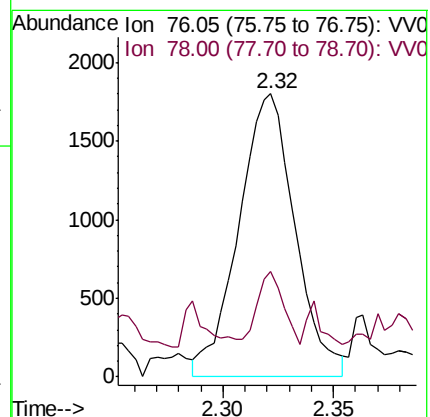
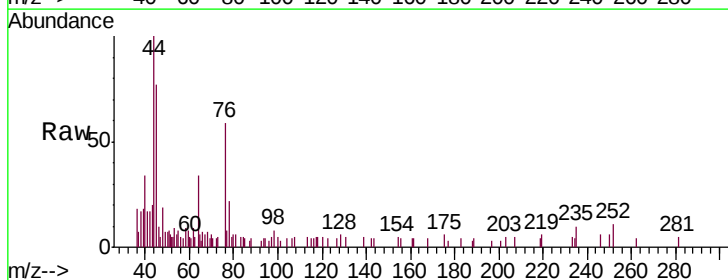
Acq: 08 Nov 2019 17:44

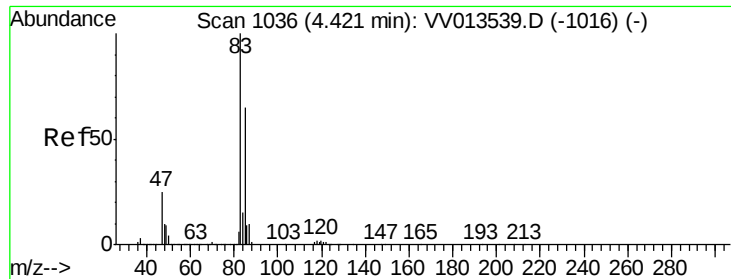
Tgt Ion: 76 Resp: 3194

Ion Ratio Lower Upper

76 100

78 37.1 7.5 11.3#





#25

Chloroform

Concen: 0.257 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. 0.01 min

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Acq: 08 Nov 2019 17:44

Instrument :

MSVOA_V

ClientSampleId :

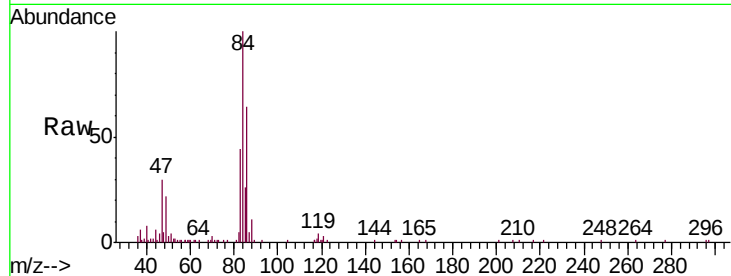
F2J03

Tgt Ion: 83 Resp: 15619

Ion Ratio Lower Upper

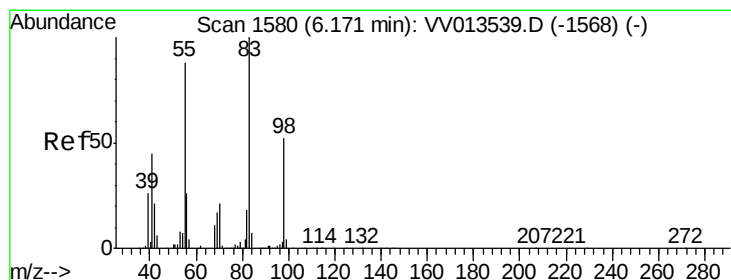
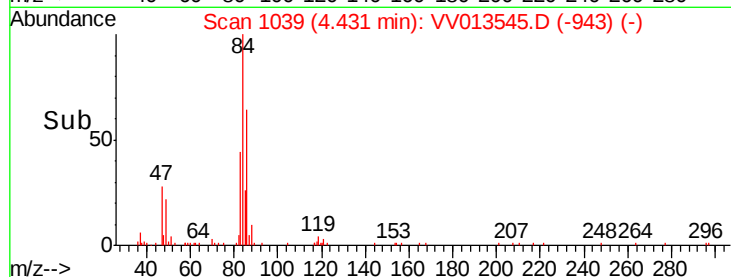
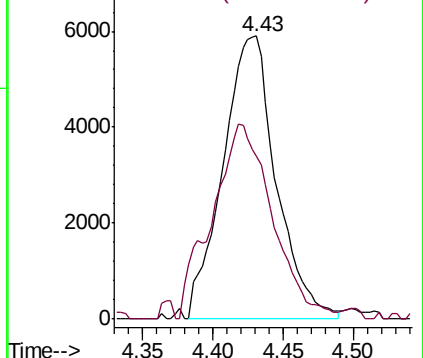
83 100

85 57.8 46.3 86.1



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#35

Methylcyclohexane

Concen: 0.665 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV013545.D

Acq: 08 Nov 2019 17:44

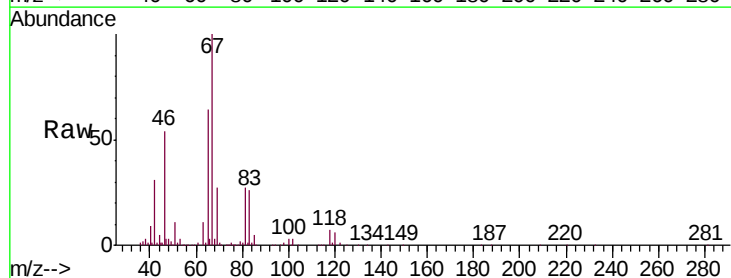
Tgt Ion: 83 Resp: 33614

Ion Ratio Lower Upper

83 100

55 0.9 63.8 95.8#

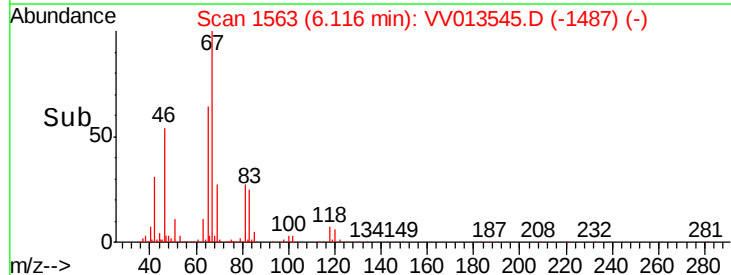
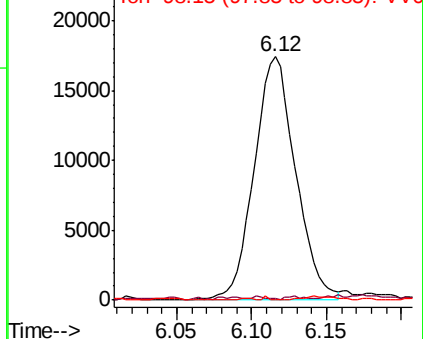
98 0.0 38.4 57.6#

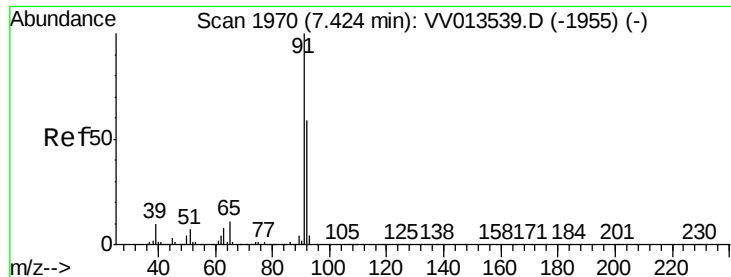


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#42

Toluene

Concen: 0.110 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VV013545.D

Acq: 08 Nov 2019 17:44

Instrument :

MSVOA_V

ClientSampleId :

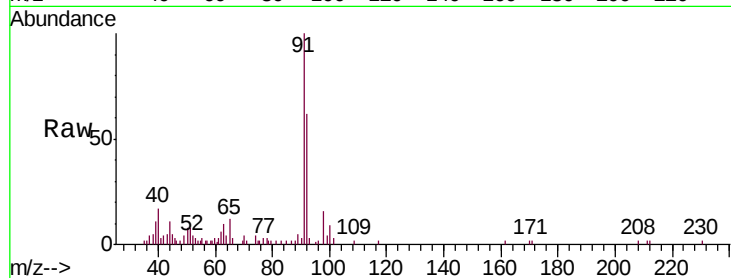
F2J03

Tgt Ion: 91 Resp: 14059

Ion Ratio Lower Upper

91 100

92 62.1 41.4 77.0



Abundance Ion 91.15 (90.85 to 91.85): VV013539.D (-1955) (-)

Ion 92.15 (91.85 to 92.85): VV013539.D (-1955) (-)

7.43

8000

6000

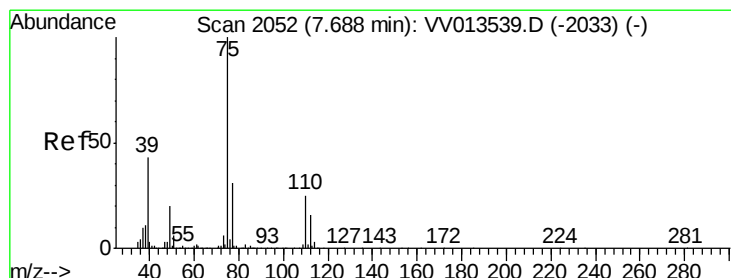
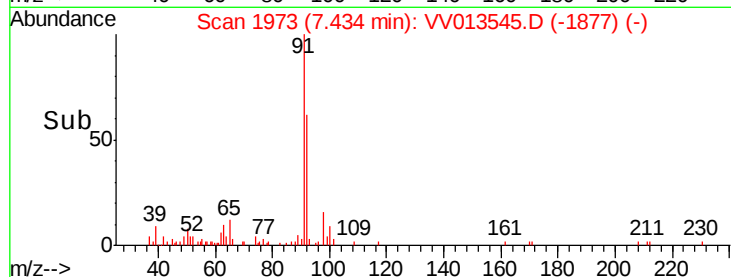
4000

2000

0

7.35 7.40 7.45 7.50

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV013545.D

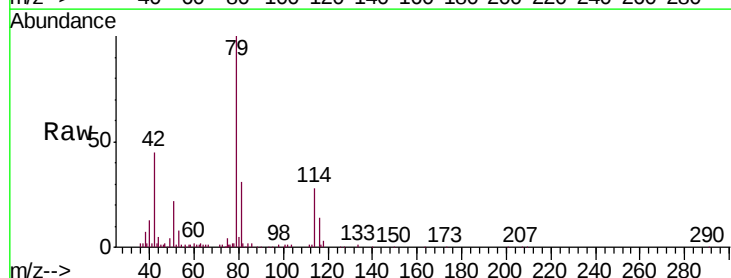
Acq: 08 Nov 2019 17:44

Tgt Ion: 75 Resp: 2425

Ion Ratio Lower Upper

75 100

77 40.6 22.2 41.2



Abundance Ion 75.05 (74.75 to 75.75): VV013539.D (-2033) (-)

Ion 77.05 (76.75 to 77.75): VV013539.D (-2033) (-)

7.66

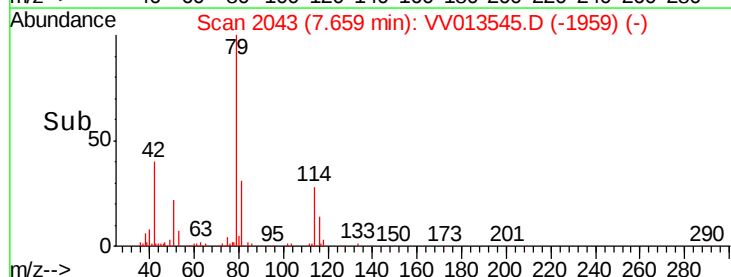
1000

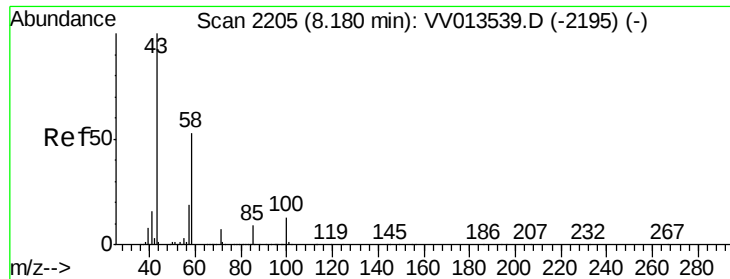
500

0

7.60 7.65 7.70

Time-->

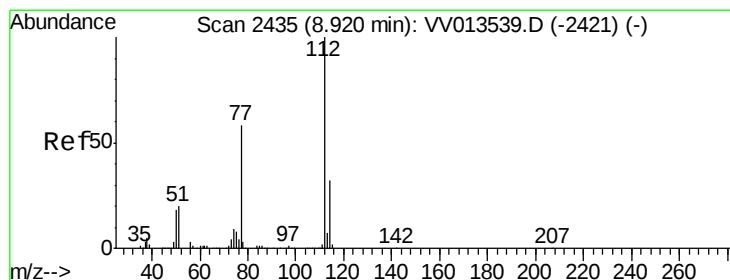
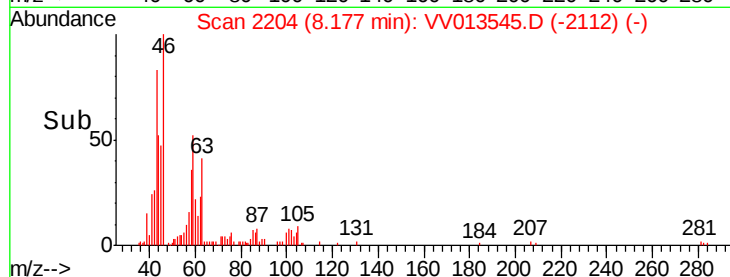
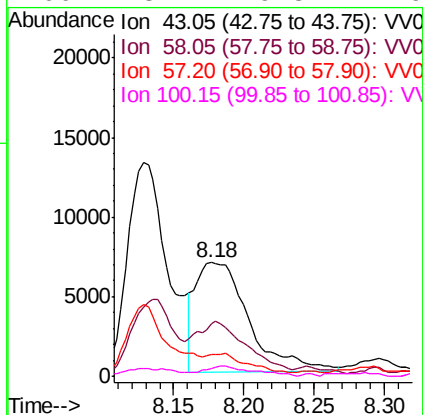
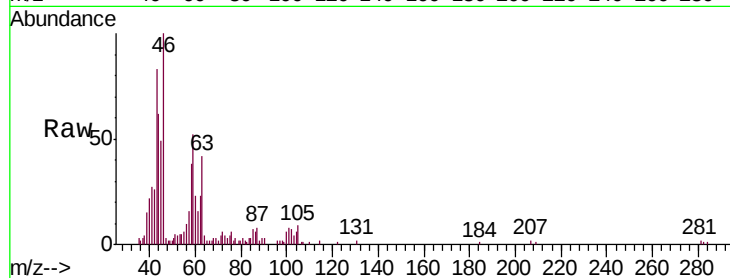




#48
2-Hexanone
Concen: 1.463 ug/L
RT: 8.18 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VV013545.D
Acq: 08 Nov 2019 17:44

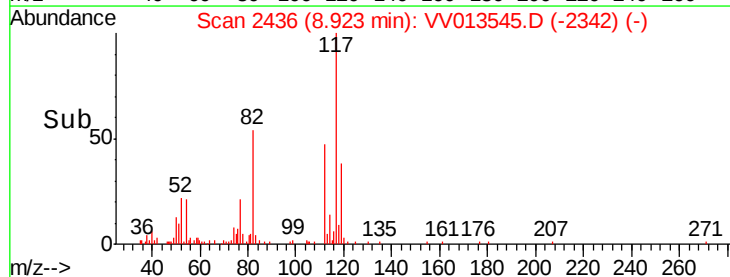
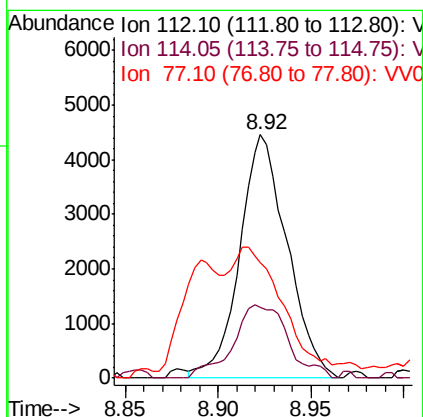
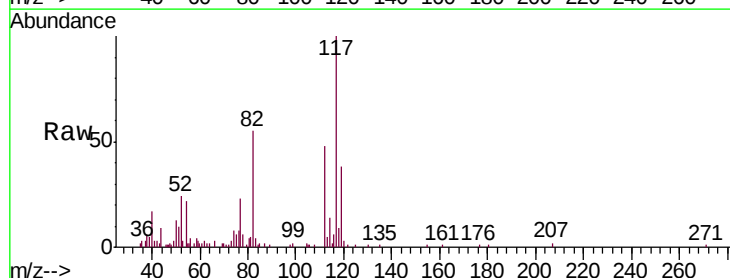
Instrument :
MSVOA_V
ClientSampleId :
F2J03

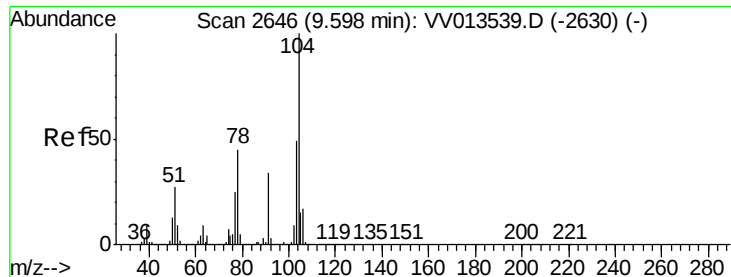
Tgt Ion:	43	Resp:	18081
Ion	Ratio	Lower	Upper
43	100		
58	50.8	43.8	65.8
57	11.3	15.0	22.6#
100	8.4	9.8	14.6#



#51
Chlorobenzene
Concen: 0.093 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV013545.D
Acq: 08 Nov 2019 17:44

Tgt Ion:	112	Resp:	7905
Ion	Ratio	Lower	Upper
112	100		
114	29.3	22.6	42.0
77	47.5	46.2	69.2





#55

Styrene

Concen: 0.095 ug/L

RT: 9.60 min Scan# 2648

Delta R.T. 0.01 min

Lab File: VV013545.D

Acq: 08 Nov 2019 17:44

Instrument :

MSVOA_V

ClientSampleId :

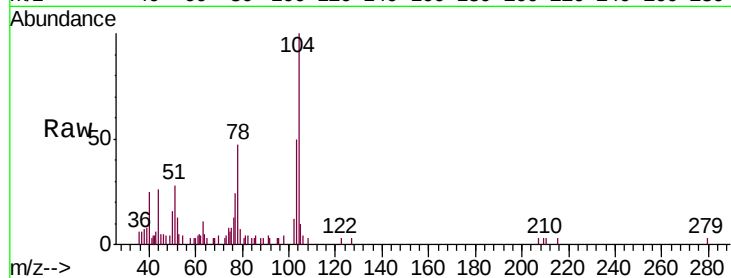
F2J03

Tgt Ion:104 Resp: 7949

Ion Ratio Lower Upper

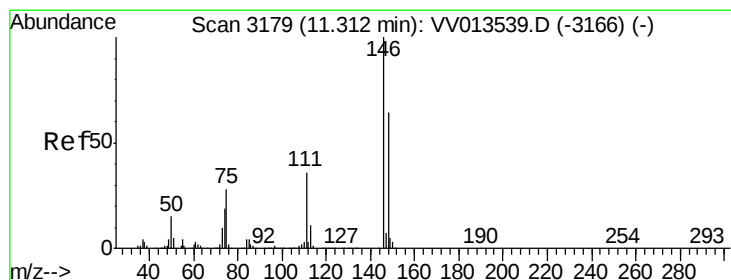
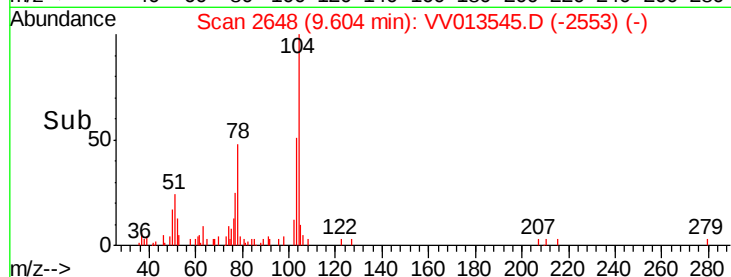
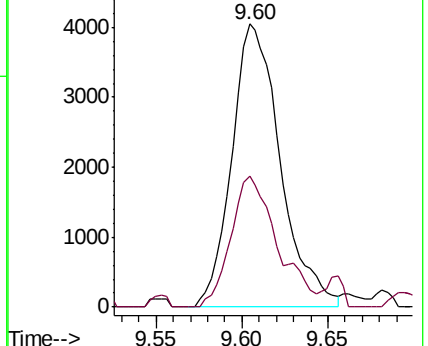
104 100

78 46.5 30.8 57.2



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0



#63

1,4-Dichlorobenzene

Concen: 0.057 ug/L

RT: 11.31 min Scan# 3180

Delta R.T. 0.00 min

Lab File: VV013545.D

Acq: 08 Nov 2019 17:44

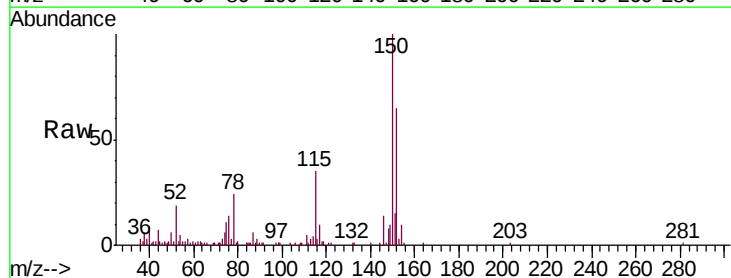
Tgt Ion:146 Resp: 3559

Ion Ratio Lower Upper

146 100

111 37.1 25.2 46.8

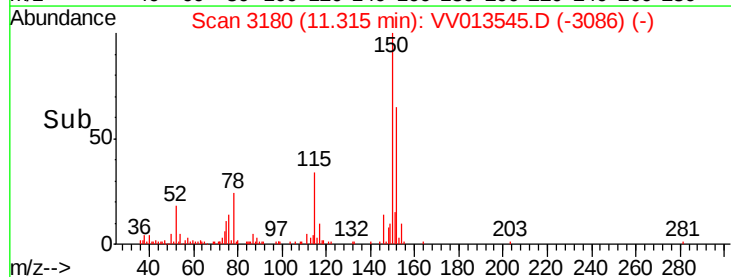
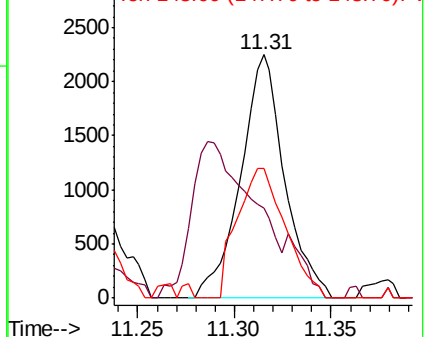
148 53.2 44.7 82.9

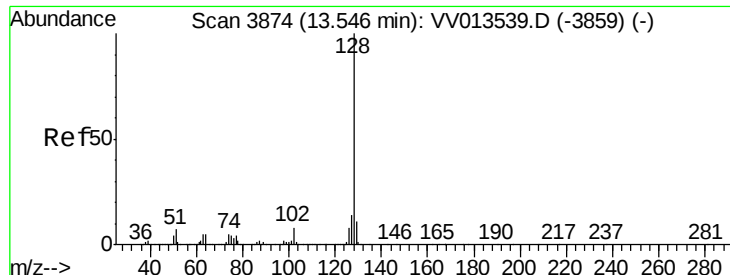


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#69

Naphthalene

Concen: 0.817 ug/L

RT: 13.55 min Scan# 3875

Delta R.T. 0.00 min

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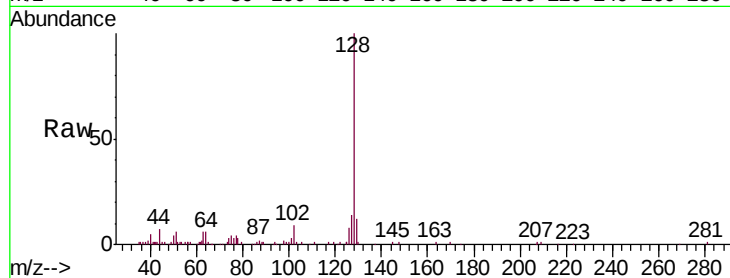
Tgt Ion:128 Resp: 43043

Ion Ratio Lower Upper

128 100

129 11.0 8.5 12.7

127 13.5 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

