

Data File : VV013548.D
Acq On : 08 Nov 2019 18:56
Operator : SY/MD
Sample : K5747-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2J10

Quant Time: Nov 08 22:54:54 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	391961	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	395637	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	179455	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80383	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.58	69	72366	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.13	63	100498	3.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.60%
20) 2-Butanone-d5	3.96	46	334293	56.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.90%
24) Chloroform-d	4.40	84	209816	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.08	65	118188	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.09	84	385107	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.11	67	134652	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.36	98	299994	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	7.66	79	47269	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.14	63	192822	46.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.62%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	101604	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	157487	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

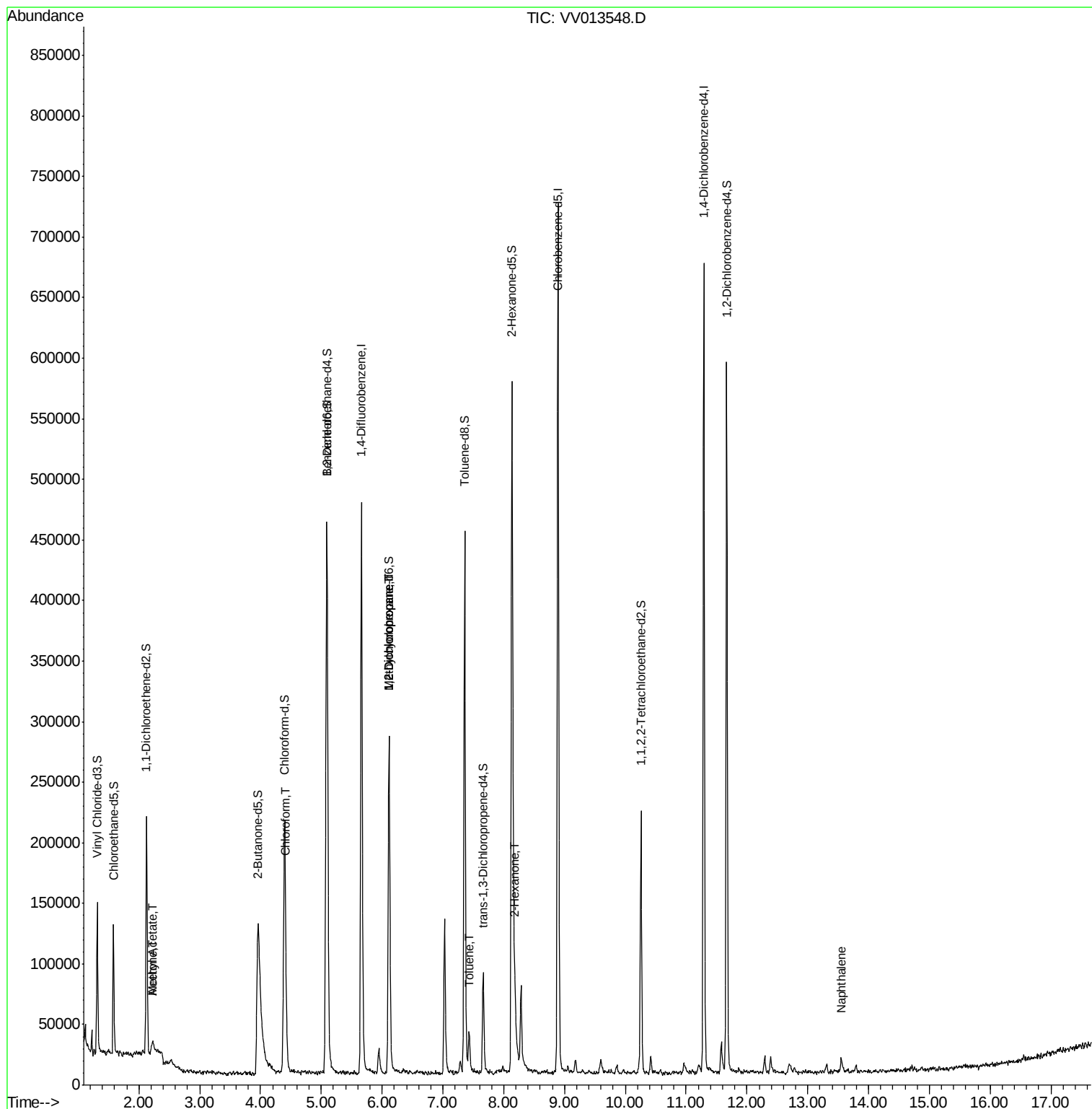
						Qvalue
13) Acetone	2.23	43	20617	5.738	ug/L	74
15) Methyl Acetate	2.23	43	20321	1.892	ug/L #	53
25) Chloroform	4.42	83	13548	0.228	ug/L	94
35) Methylcyclohexane	6.11	83	33301	0.661	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	13919	0.460	ug/L #	86
42) Toluene	7.43	91	23928	0.187	ug/L	93
48) 2-Hexanone	8.19	43	34882	2.833	ug/L #	80
69) Naphthalene	13.55	128	9688	0.192	ug/L #	95

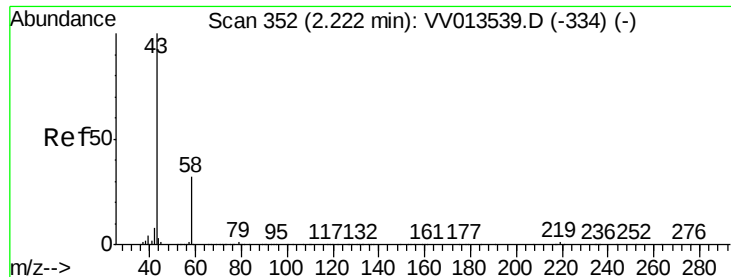
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





#13

Acetone

Concen: 5.738 ug/L

RT: 2.23 min Scan# 354

Delta R.T. 0.01 min

Lab File: VV013548.D

Acq: 08 Nov 2019 18:56

Instrument :

MSVOA_V

ClientSampleId :

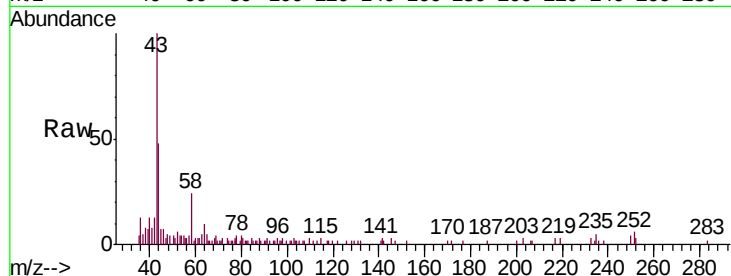
F2J10

Tgt Ion: 43 Resp: 20617

Ion Ratio Lower Upper

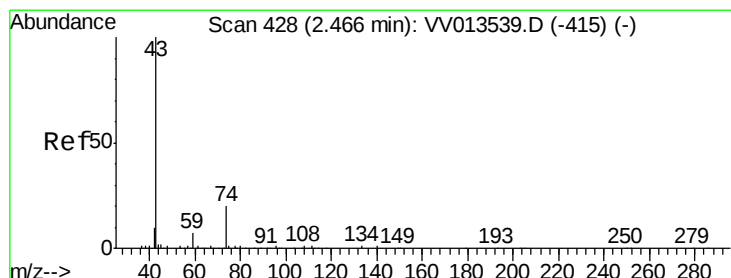
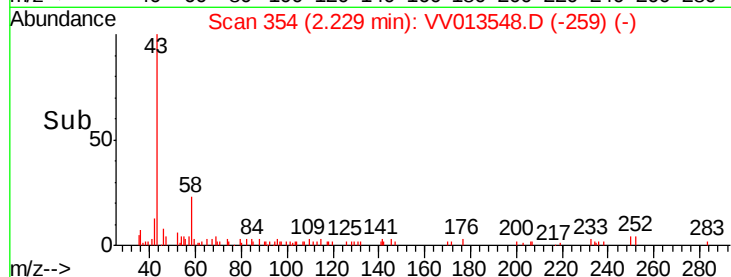
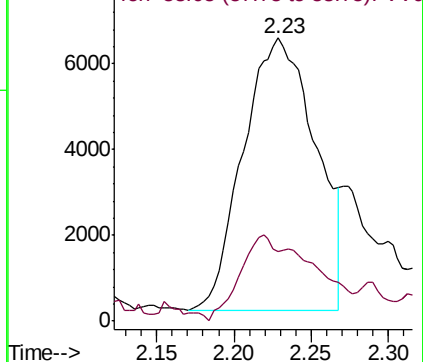
43 100

58 16.0 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#15

Methyl Acetate

Concen: 1.892 ug/L

RT: 2.23 min Scan# 354

Delta R.T. -0.24 min

Lab File: VV013548.D

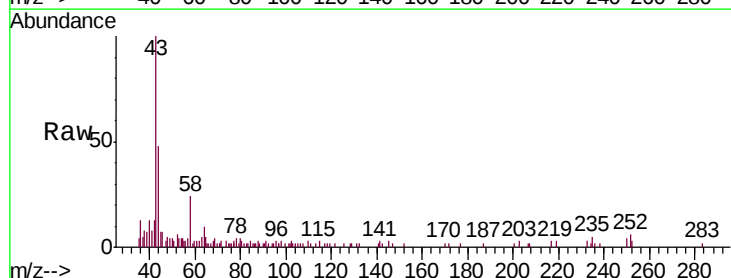
Acq: 08 Nov 2019 18:56

Tgt Ion: 43 Resp: 20321

Ion Ratio Lower Upper

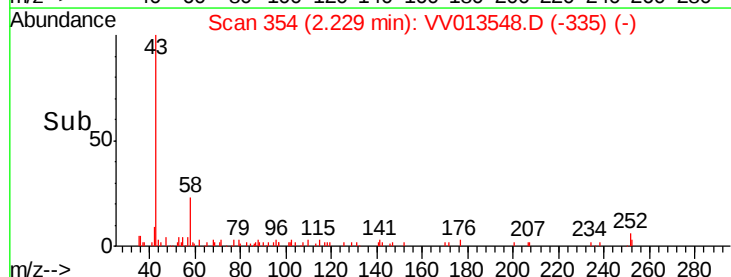
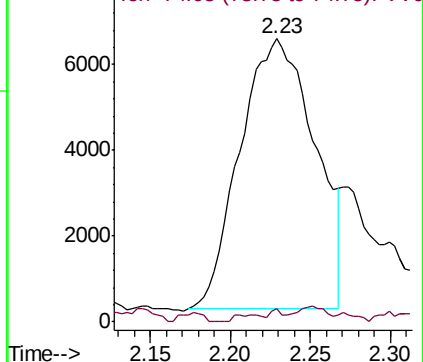
43 100

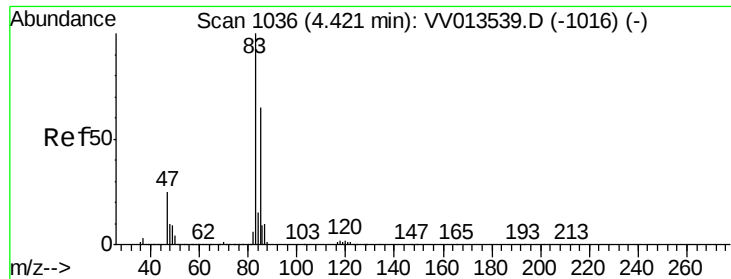
74 0.8 19.4 29.0#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

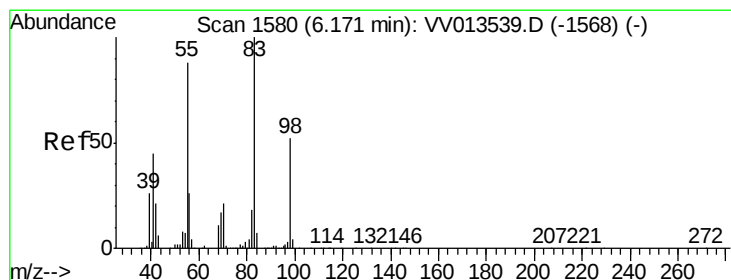
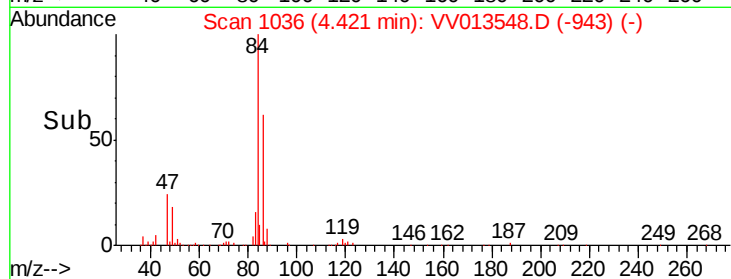
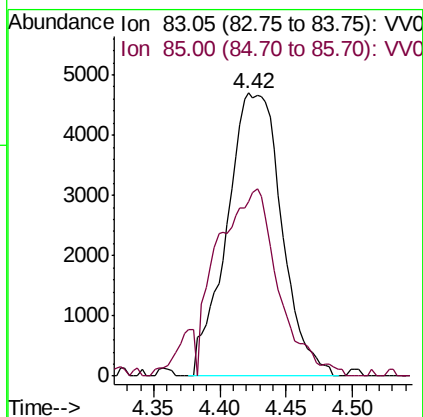
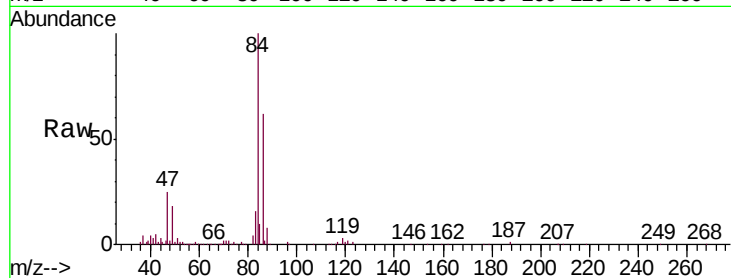




#25
Chloroform
Concen: 0.228 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV013548.D
Acq: 08 Nov 2019 18:56

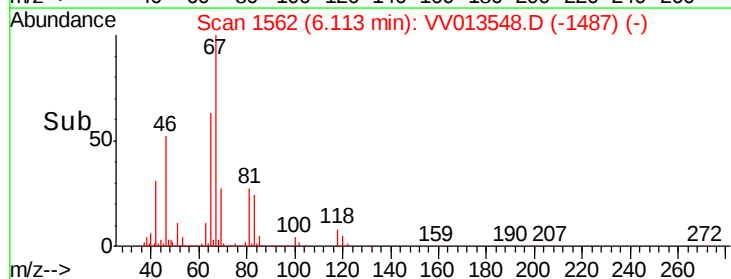
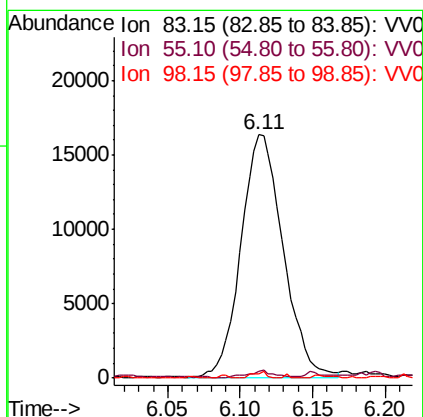
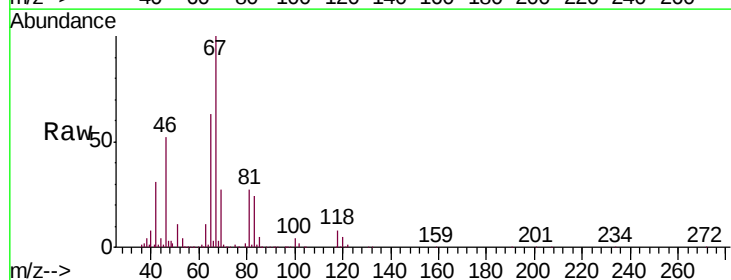
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F2J10

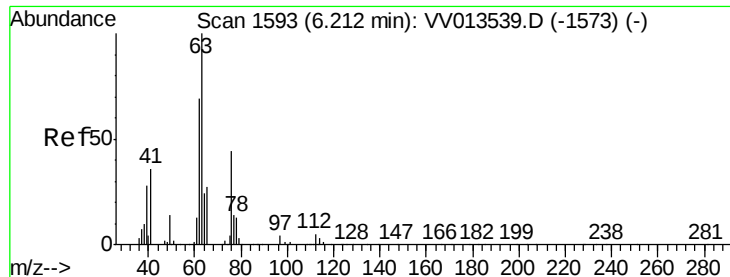
Tgt Ion: 83 Resp: 13548
Ion Ratio Lower Upper
83 100
85 61.8 46.3 86.1



#35
Methylcyclohexane
Concen: 0.661 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV013548.D
Acq: 08 Nov 2019 18:56

Tgt Ion: 83 Resp: 33301
Ion Ratio Lower Upper
83 100
55 2.1 63.8 95.8#
98 0.9 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.460 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV013548.D

Acq: 08 Nov 2019 18:56

Instrument :

MSVOA_V

ClientSampleId :

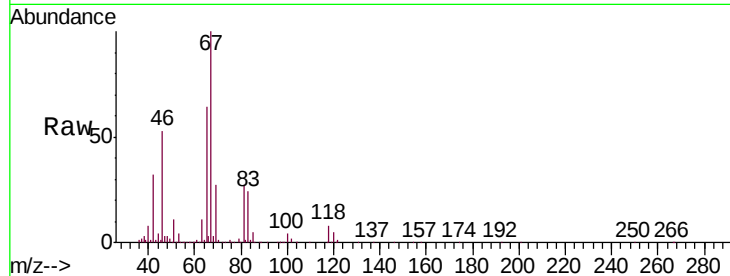
F2J10

Tgt Ion: 63 Resp: 13919

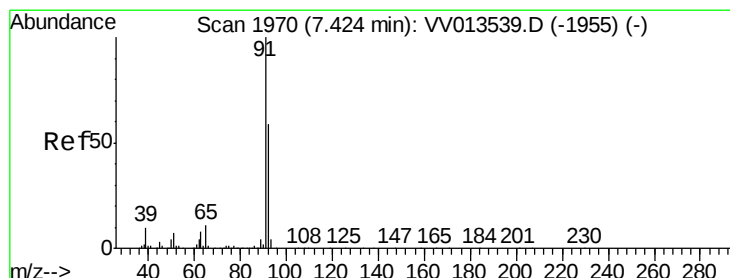
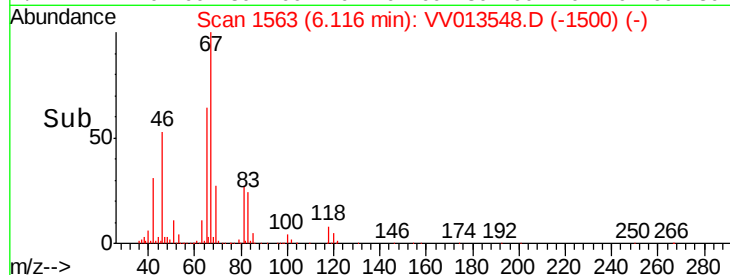
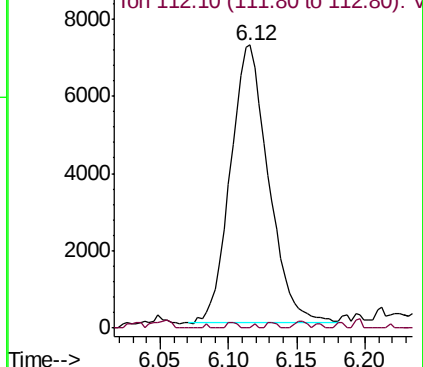
Ion Ratio Lower Upper

63 100

112 0.1 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV013539.D (-1573) (-)



#42

Toluene

Concen: 0.187 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VV013548.D

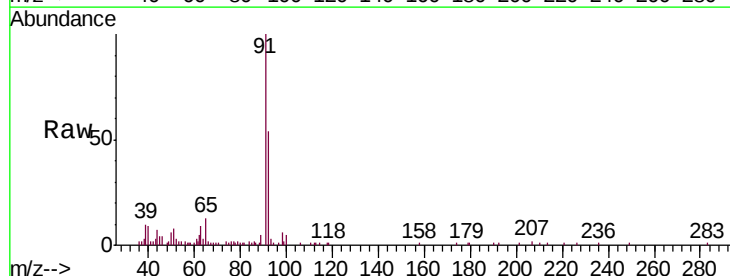
Acq: 08 Nov 2019 18:56

Tgt Ion: 91 Resp: 23928

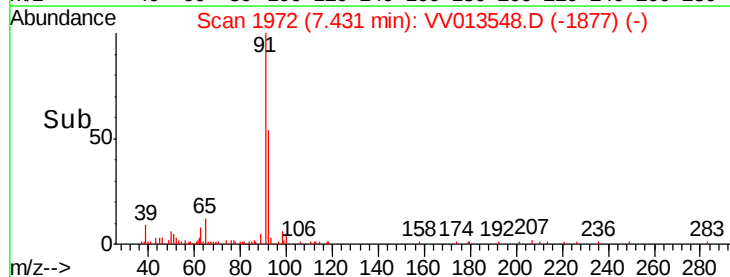
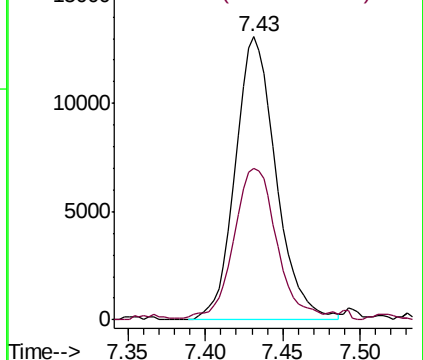
Ion Ratio Lower Upper

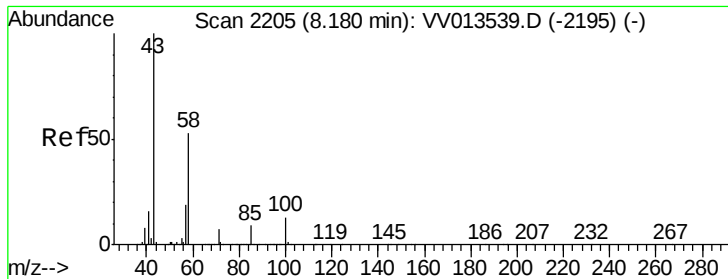
91 100

92 53.6 41.4 77.0



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

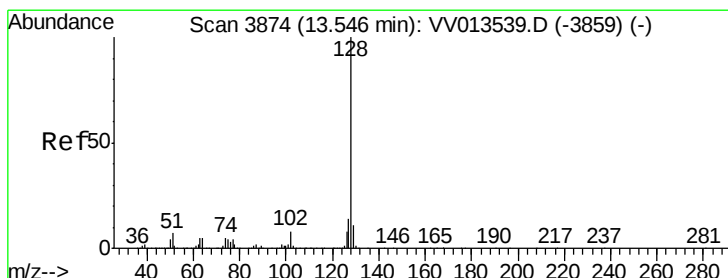
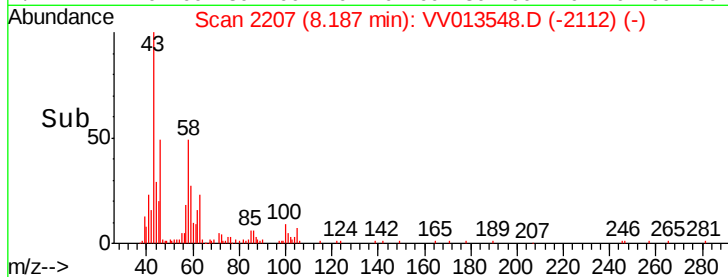
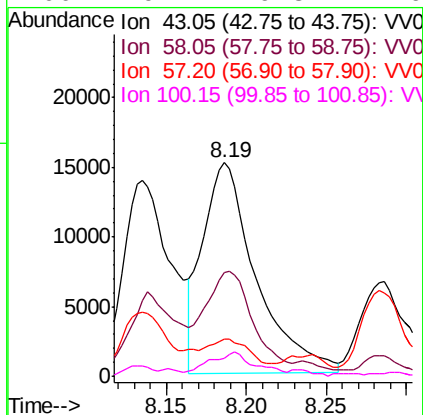
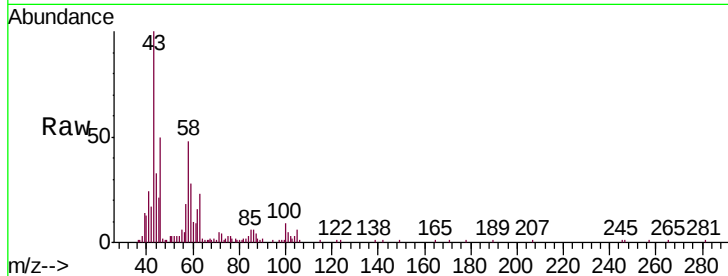




#48
2-Hexanone
Concen: 2.833 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.01 min
Lab File: VV013548.D
Acq: 08 Nov 2019 18:56

Instrument :
MSVOA_V
ClientSampleId :
F2J10

Tgt Ion:	43	Resp:	34882
Ion	Ratio	Lower	Upper
43	100		
58	38.9	43.8	65.8#
57	8.3	15.0	22.6#
100	9.4	9.8	14.6#



#69
Naphthalene
Concen: 0.192 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. 0.01 min
Lab File: VV013548.D
Acq: 08 Nov 2019 18:56

Tgt Ion:	128	Resp:	9688
Ion	Ratio	Lower	Upper
128	100		
129	13.6	8.5	12.7#
127	12.6	10.7	16.1

