

Data File : VV013549.D
Acq On : 08 Nov 2019 19:20
Operator : SY/MD
Sample : K5747-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2J15

Quant Time: Nov 08 22:55:03 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	406345	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	406459	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	187182	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84304	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.58	69	73798	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.13	63	103928	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	3.96	46	330694	53.86	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.72%
24) Chloroform-d	4.40	84	208286	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.08	65	121029	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.10	84	394898	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.12	67	137465	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.36	98	303055	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	7.66	79	48212	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.13	63	193341	45.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	102291	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	157435	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

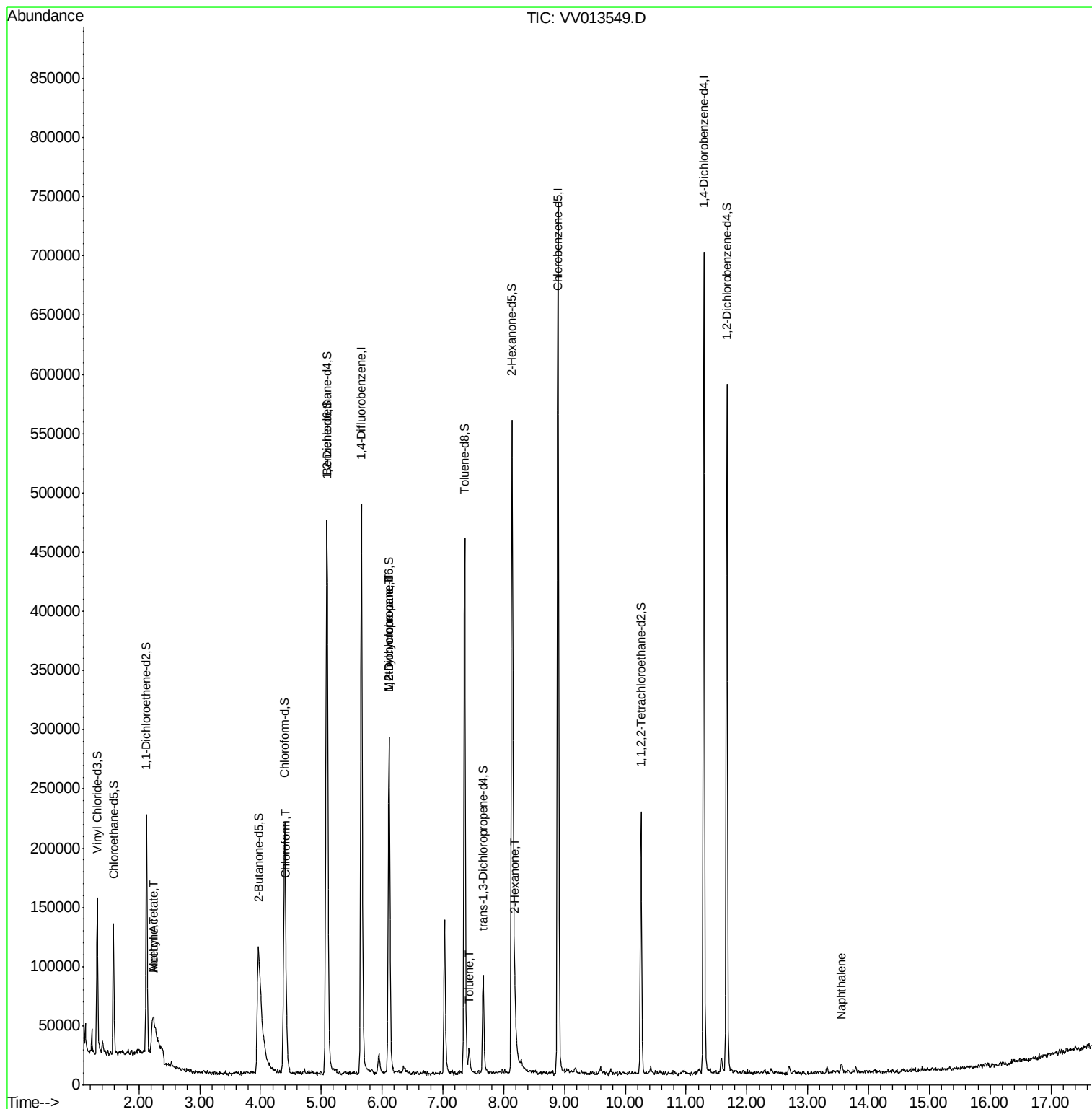
					Qvalue
13) Acetone	2.23	43	107657	28.904	ug/L 61
15) Methyl Acetate	2.23	43	107657	9.667	ug/L # 51
25) Chloroform	4.42	83	22227	0.360	ug/L 98
35) Methylcyclohexane	6.12	83	34176	0.660	ug/L # 18
37) 1,2-Dichloropropane	6.12	63	15769	0.508	ug/L # 87
42) Toluene	7.43	91	12922	0.098	ug/L 93
48) 2-Hexanone	8.19	43	28137	2.224	ug/L # 86
69) Naphthalene	13.55	128	6258	0.119	ug/L # 87

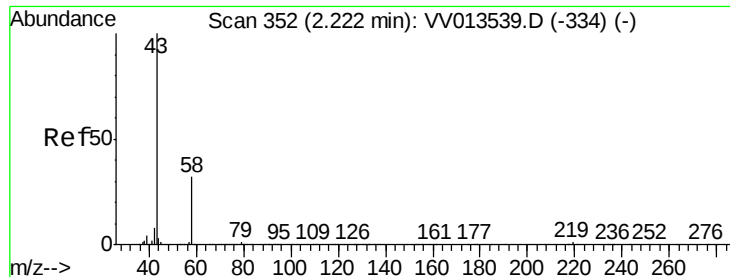
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 28.904 ug/L

RT: 2.23 min Scan# 354

Delta R.T. 0.01 min

Lab File: VV013549.D

Acq: 08 Nov 2019 19:20

Instrument :

MSVOA_V

ClientSampleId :

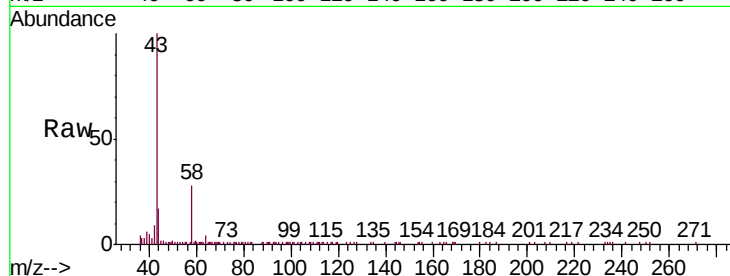
F2J15

Tgt Ion: 43 Resp: 107657

Ion Ratio Lower Upper

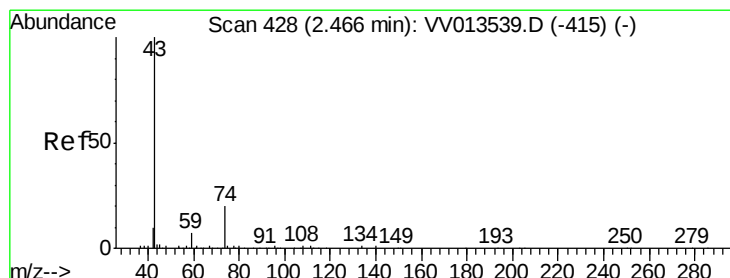
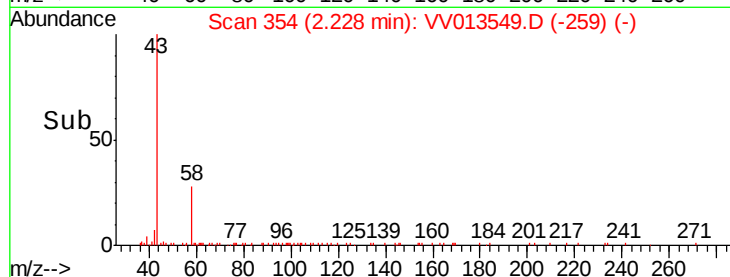
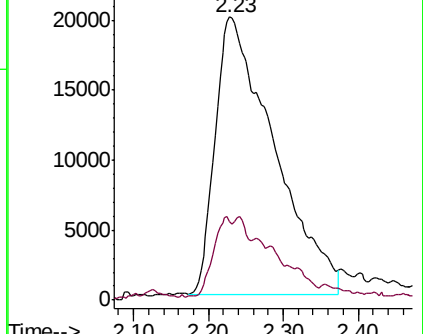
43 100

58 9.1 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: 9.667 ug/L

RT: 2.23 min Scan# 354

Delta R.T. -0.24 min

Lab File: VV013549.D

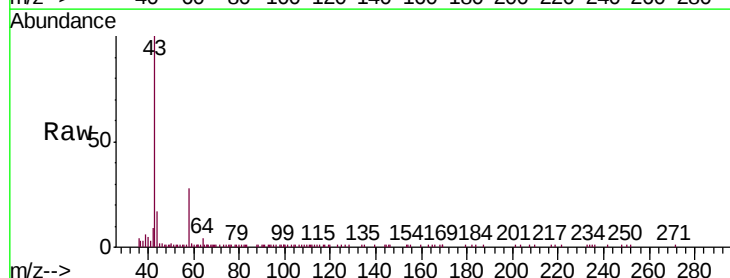
Acq: 08 Nov 2019 19:20

Tgt Ion: 43 Resp: 107657

Ion Ratio Lower Upper

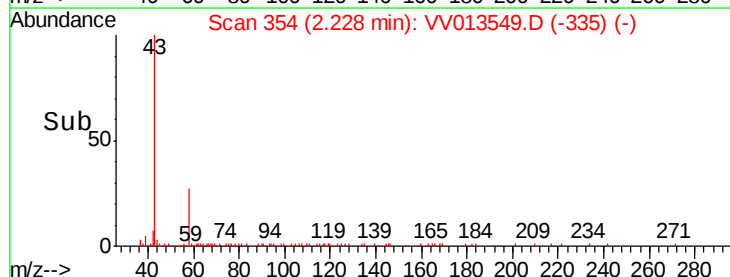
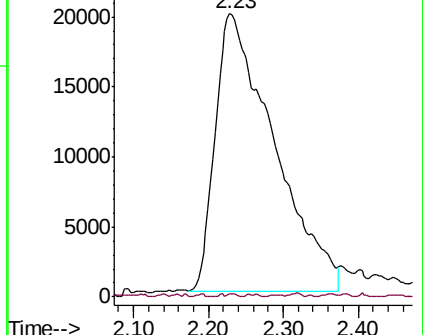
43 100

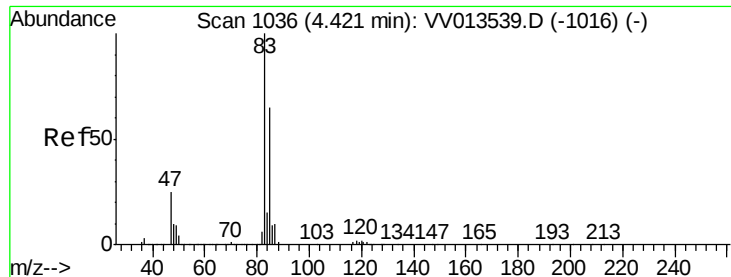
74 0.2 19.4 29.0#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0





#25

Chloroform

Concen: 0.360 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV013549.D

Acq: 08 Nov 2019 19:20

Instrument :

MSVOA_V

ClientSampled :

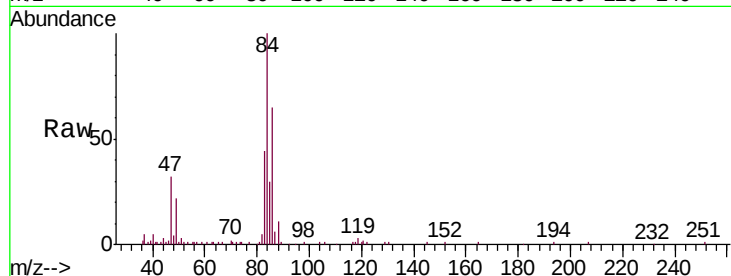
F2J15

Tgt Ion: 83 Resp: 22227

Ion Ratio Lower Upper

83 100

85 67.4 46.3 86.1



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

4.42

10000

8000

6000

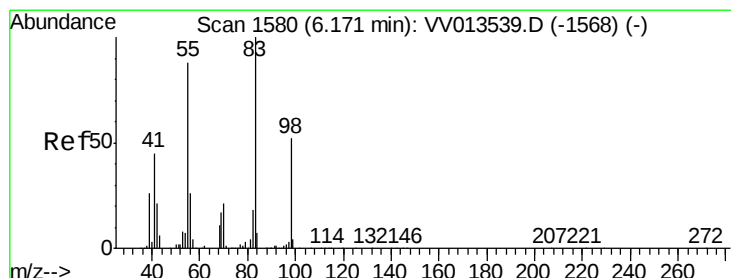
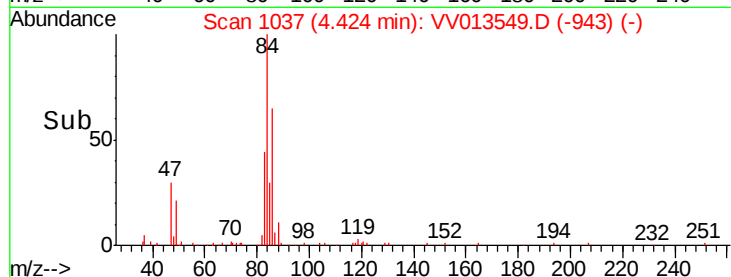
4000

2000

0

Time-->

4.35 4.40 4.45 4.50



#35

Methylcyclohexane

Concen: 0.660 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV013549.D

Acq: 08 Nov 2019 19:20

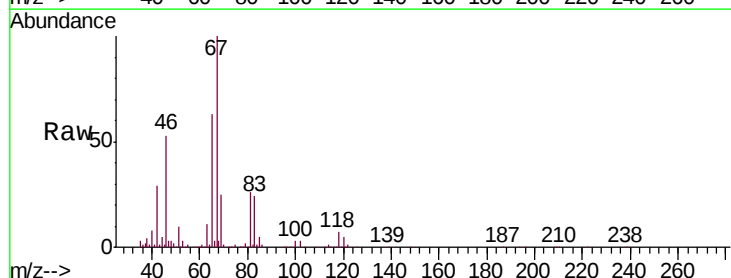
Tgt Ion: 83 Resp: 34176

Ion Ratio Lower Upper

83 100

55 0.6 63.8 95.8#

98 2.3 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

6.12

20000

15000

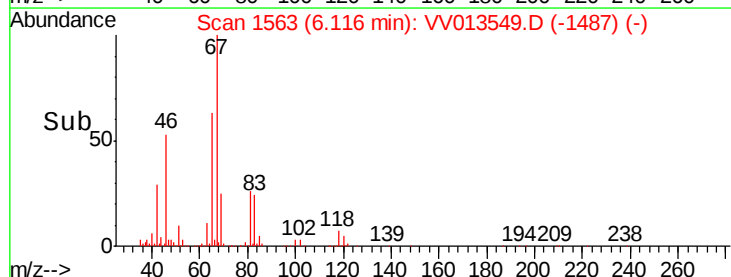
10000

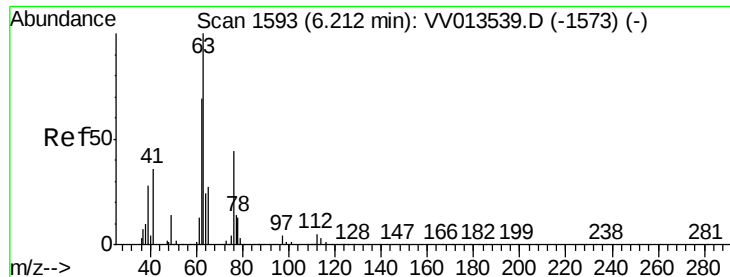
5000

0

Time-->

6.00 6.05 6.10 6.15 6.20

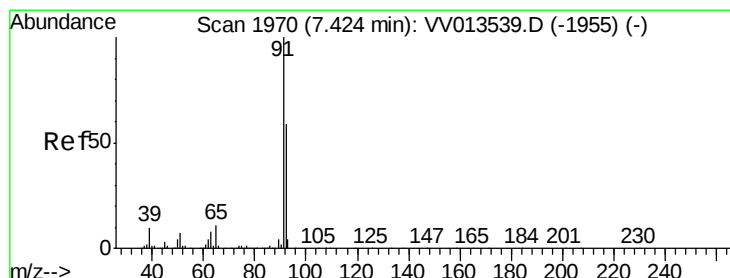
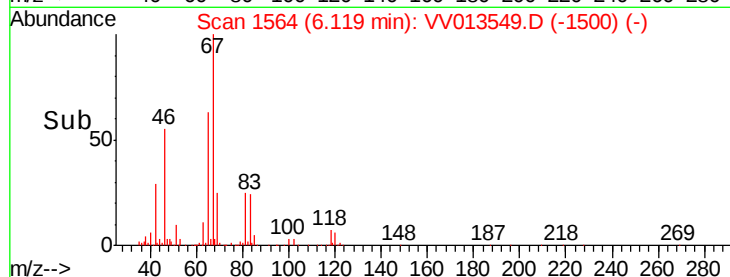
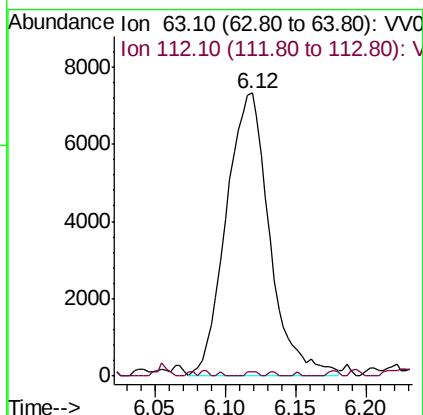
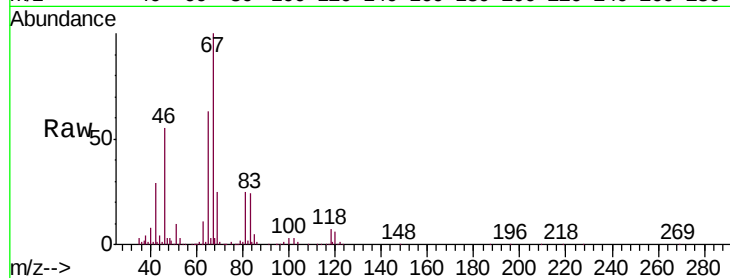




#37
 1,2-Dichloropropane
 Concen: 0.508 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.09 min
 Lab File: VV013549.D
 Acq: 08 Nov 2019 19:20

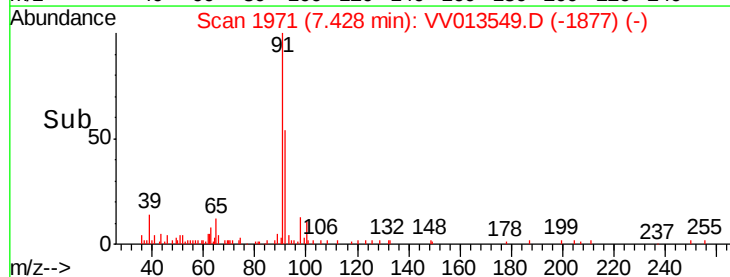
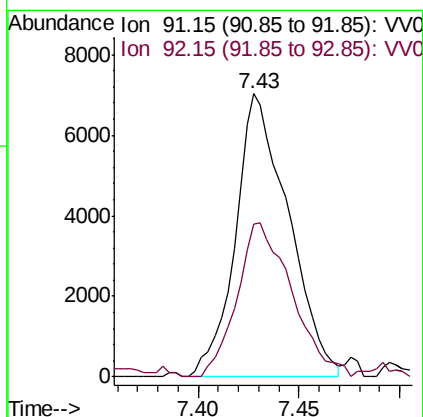
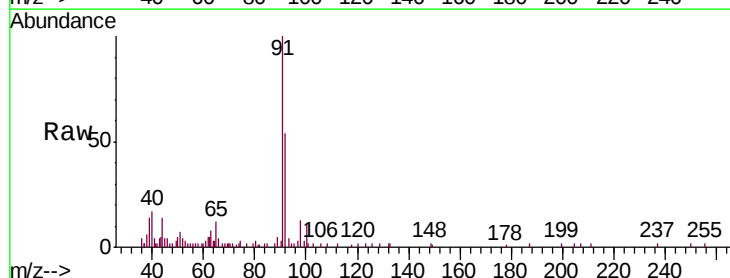
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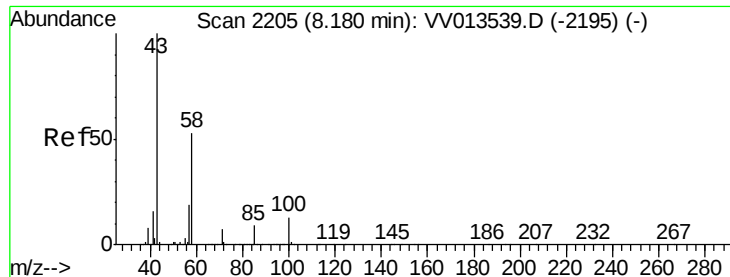
Tgt Ion: 63 Resp: 15769
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.8 5.6#



#42
 Toluene
 Concen: 0.098 ug/L
 RT: 7.43 min Scan# 1971
 Delta R.T. 0.00 min
 Lab File: VV013549.D
 Acq: 08 Nov 2019 19:20

Tgt Ion: 91 Resp: 12922
 Ion Ratio Lower Upper
 91 100
 92 54.1 41.4 77.0

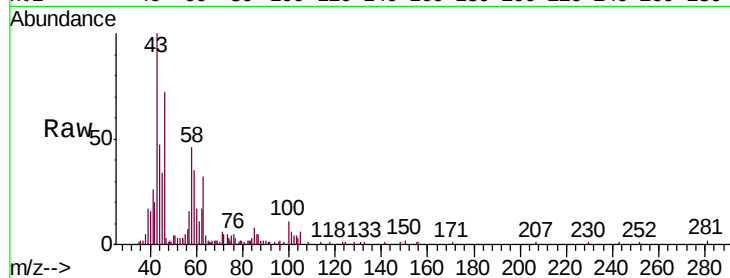




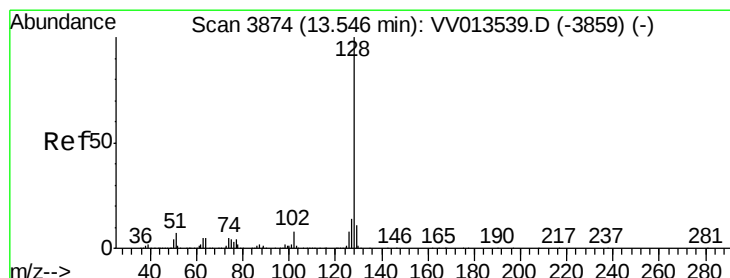
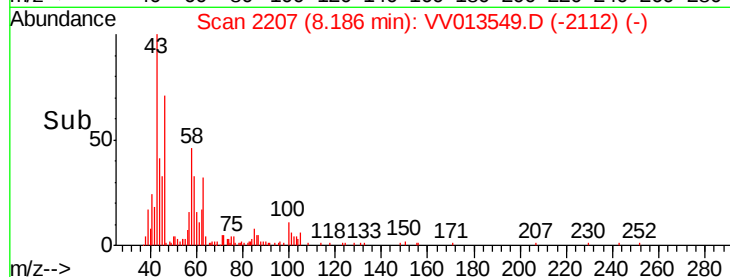
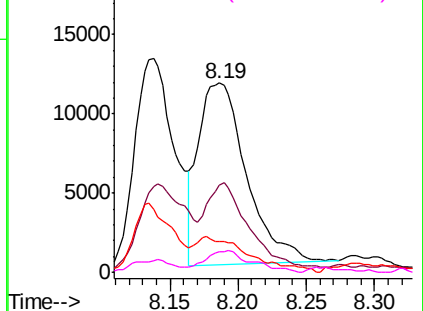
#48
2-Hexanone
Concen: 2.224 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.01 min
Lab File: VV013549.D
Acq: 08 Nov 2019 19:20

Instrument :
MSVOA_V
ClientSampleId :
F2J15

Tgt Ion:	43	Resp:	28137
Ion	Ratio	Lower	Upper
43	100		
58	42.0	43.8	65.8#
57	15.7	15.0	22.6
100	10.0	9.8	14.6

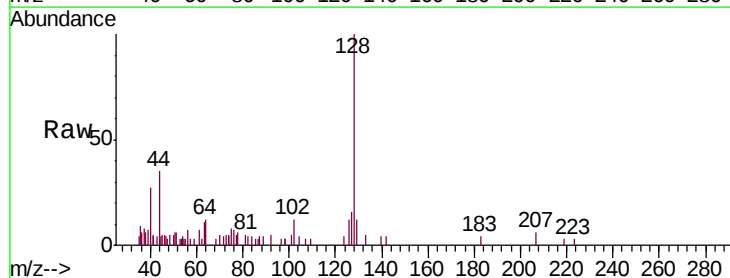


Abundance Ion 43.05 (42.75 to 43.75): VV013539.D (-2195) (-)
Ion 58.05 (57.75 to 58.75): VV013539.D (-2195) (-)
Ion 57.20 (56.90 to 57.90): VV013539.D (-2195) (-)
Ion 100.15 (99.85 to 100.85): VV013539.D (-2195) (-)



#69
Naphthalene
Concen: 0.119 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. 0.01 min
Lab File: VV013549.D
Acq: 08 Nov 2019 19:20

Tgt Ion:	128	Resp:	6258
Ion	Ratio	Lower	Upper
128	100		
129	13.8	8.5	12.7#
127	20.3	10.7	16.1#



Abundance Ion 128.00 (127.70 to 128.70): VV013539.D (-3859) (-)
Ion 129.00 (128.70 to 129.70): VV013539.D (-3859) (-)
Ion 127.00 (126.70 to 127.70): VV013539.D (-3859) (-)

