

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030914.D
 Acq On : 08 Apr 2019 18:54
 Operator : JC/SP
 Sample : K2248-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YB7

Quant Time: Apr 09 01:16:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 09 01:11:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	256262	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	250910	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	111665	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	106455	5.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.80%
7) Chloroethane-d5	1.68	69	90595	5.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.80%
11) 1,1-Dichloroethene-d2	2.27	63	154600	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	4.19	46	288988	57.27	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.54%
24) Chloroform-d	4.64	84	162907	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.31	65	104903	5.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.00%
32) Benzene-d6	5.33	84	350229	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.33	67	123252	5.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.20%
41) Toluene-d8	7.56	98	292716	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	7.85	79	39873	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.31	63	199166	55.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.30%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	90606	5.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	99924	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

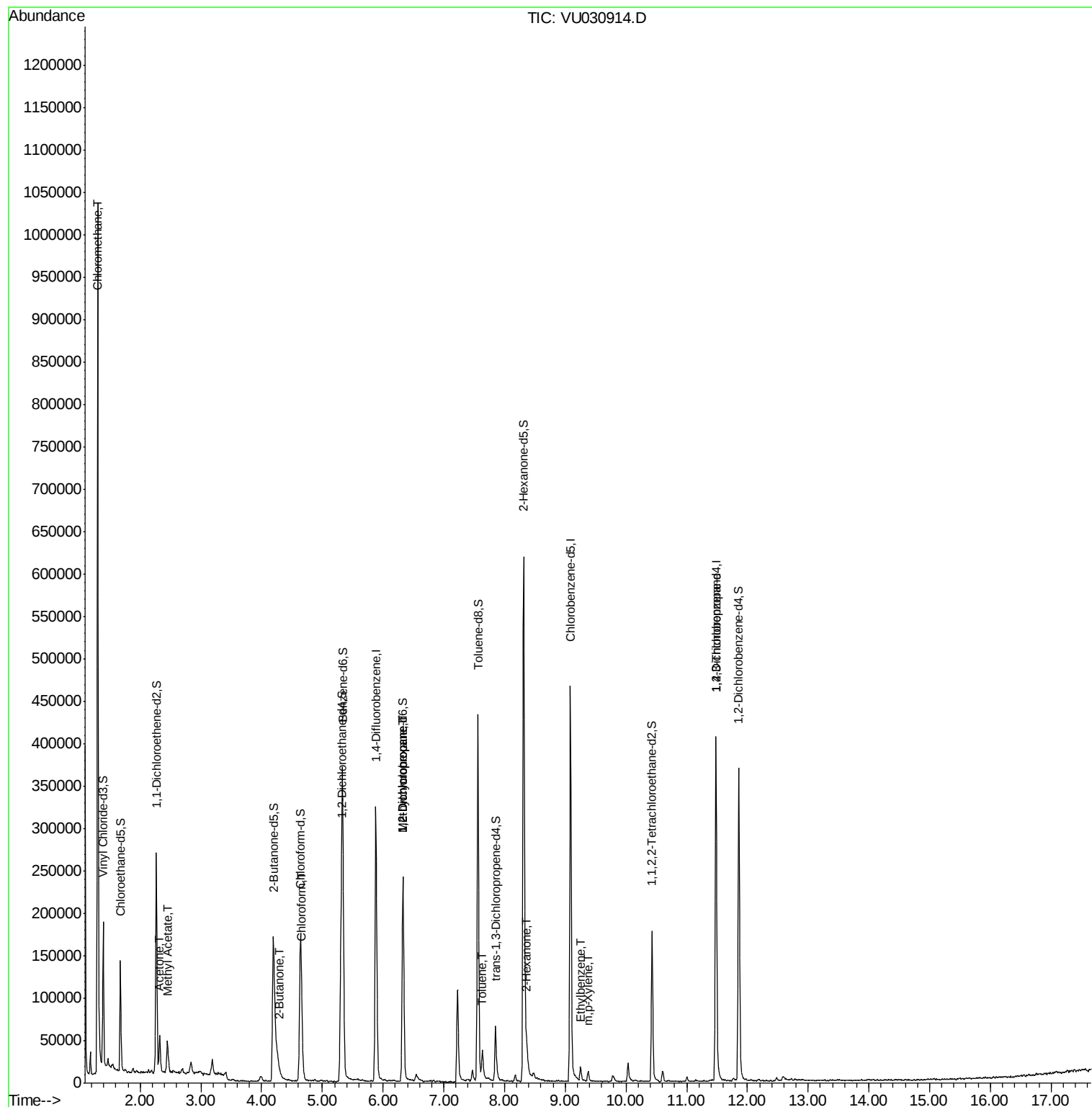
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.30	50	7236	0.216	ug/L #	74
13) Acetone	2.32	43	42945	11.008	ug/L	97
15) Methyl Acetate	2.45	43	8330	0.827	ug/L #	56
21) 2-Butanone	4.29	43	13962	2.258	ug/L #	74
25) Chloroform	4.67	83	24564	0.645	ug/L	95
35) Methylcyclohexane	6.33	83	26552	0.783	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	13216	0.566	ug/L #	90
42) Toluene	7.64	91	26183	0.308	ug/L	98
48) 2-Hexanone	8.37	43	14305	1.417	ug/L #	91
52) Ethylbenzene	9.25	91	11527	0.127	ug/L	95
53) m,p-Xylene	9.37	106	3545	0.112	ug/L	87
59) 1,2,3-Trichloropropane	11.48	75	14059	1.077	ug/L	91

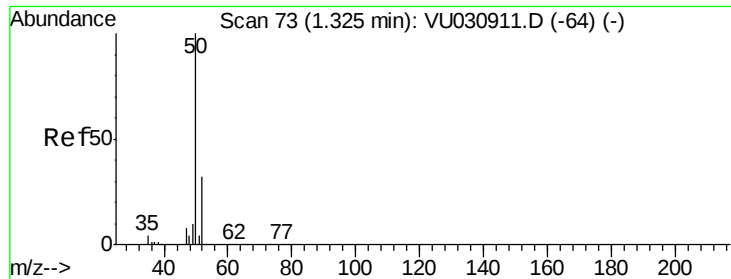
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.216 ug/L

RT: 1.30 min Scan# 66

Delta R.T. -0.02 min

Lab File: VU030914.D

Acq: 08 Apr 2019 18:54

Instrument :

MSVOA_U

ClientSampleId :

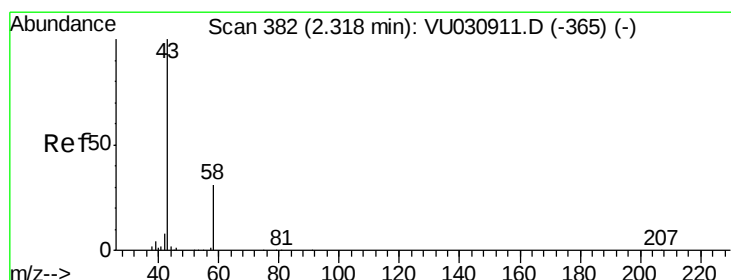
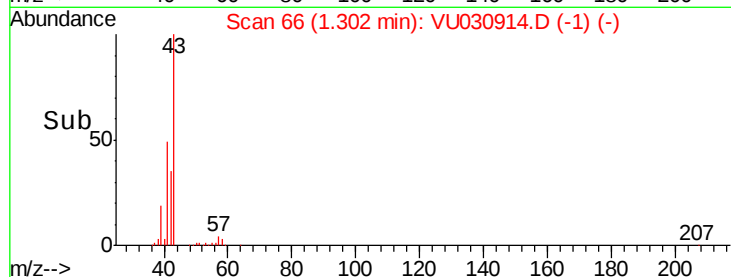
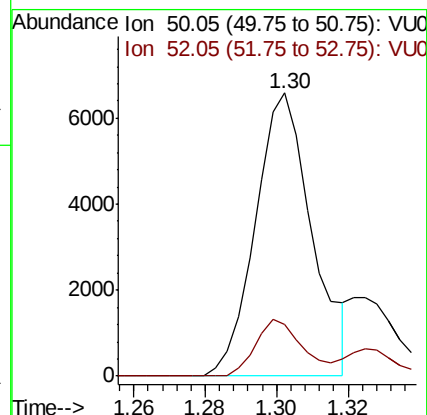
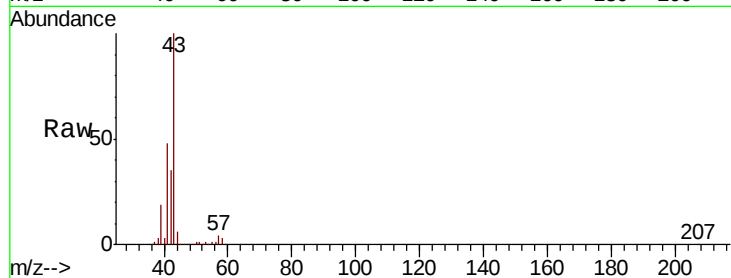
E3YB7

Tot Ion: 50 Resp: 7236

Ion Ratio Lower Upper

50 100

52 18.3 22.9 42.5#



#13

Acetone

Concen: 11.008 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.04 min

Lab File: VU030914.D

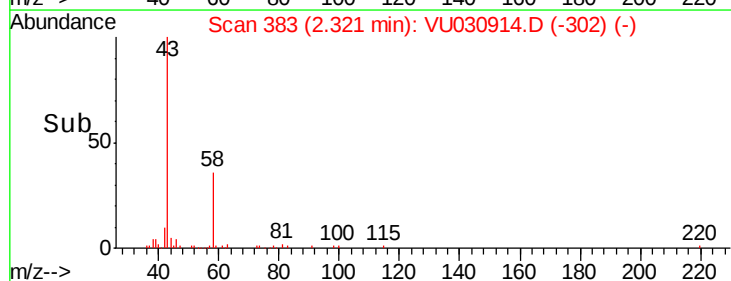
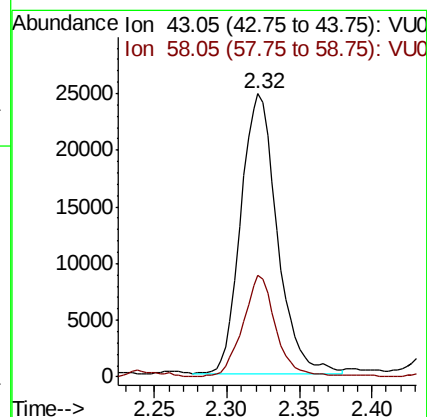
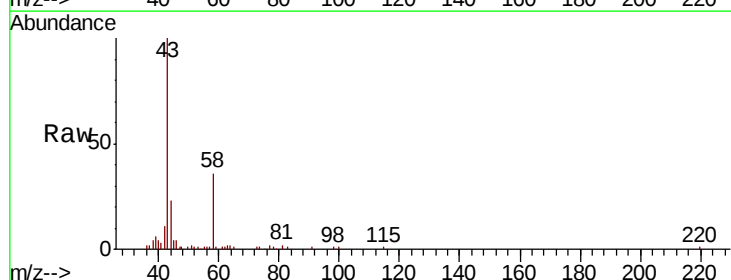
Acq: 08 Apr 2019 18:54

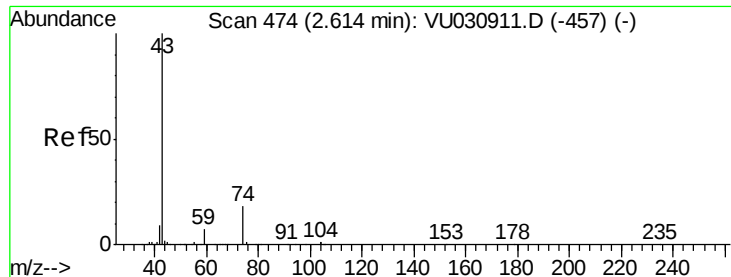
Tgt Ion: 43 Resp: 42945

Ion Ratio Lower Upper

43 100

58 33.1 0.0 62.8

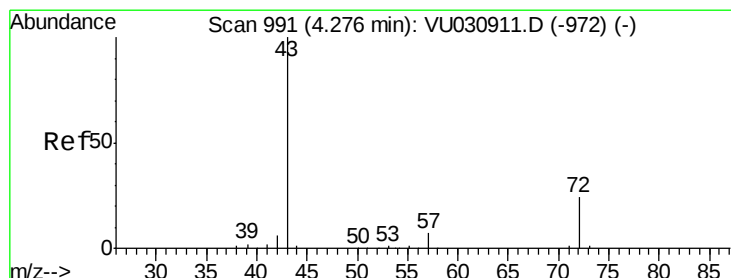
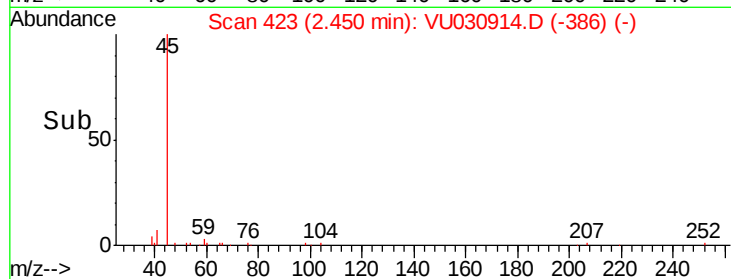
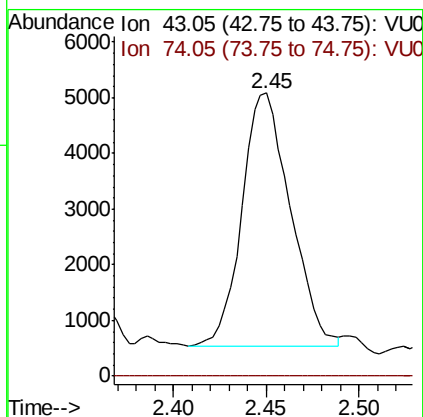
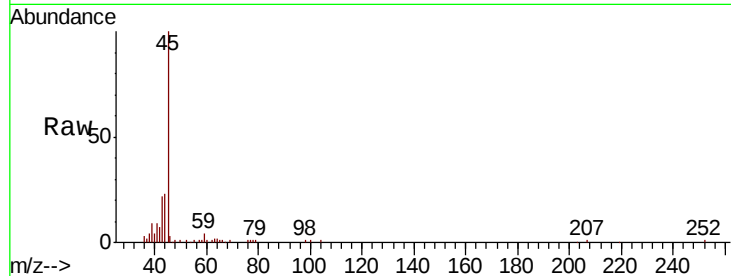




#15
Methyl Acetate
Concen: 0.827 ug/L
RT: 2.45 min Scan# 423
Delta R.T. -0.18 min
Lab File: VU030914.D
Acq: 08 Apr 2019 18:54

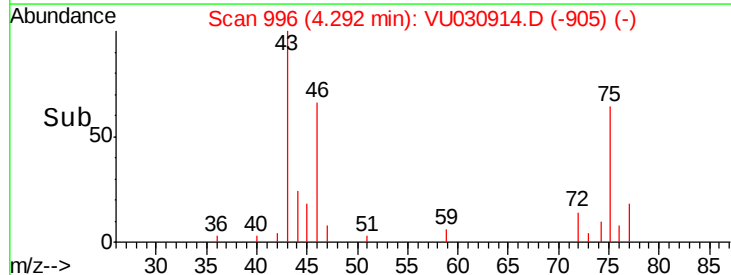
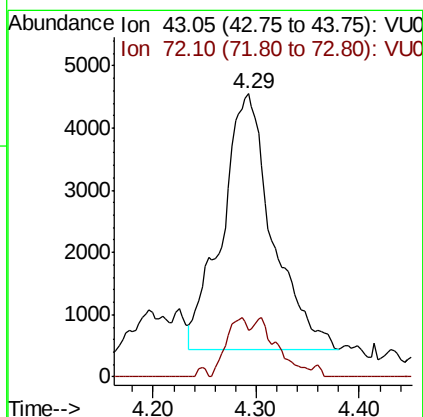
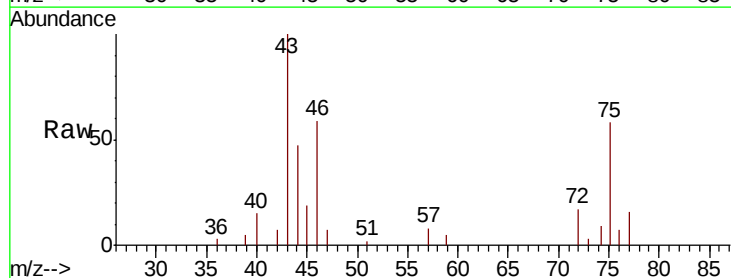
Instrument :
MSVOA_U
ClientSampleId :
E3YB7

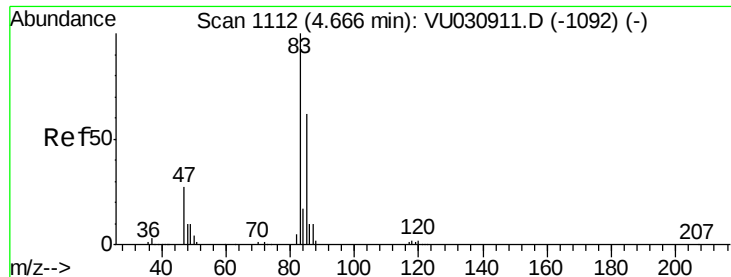
Tot Ion: 43 Resp: 8330
Ion Ratio Lower Upper
43 100
74 0.5 17.1 25.7#



#21
2-Butanone
Concen: 2.258 ug/L
RT: 4.29 min Scan# 996
Delta R.T. -0.01 min
Lab File: VU030914.D
Acq: 08 Apr 2019 18:54

Tgt Ion: 43 Resp: 13962
Ion Ratio Lower Upper
43 100
72 10.0 11.2 33.5#





#25

Chloroform

Concen: 0.645 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VU030914.D

Acq: 08 Apr 2019 18:54

Instrument :

MSVOA_U

ClientSampleId :

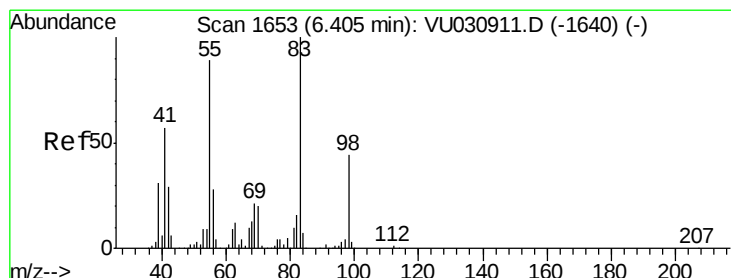
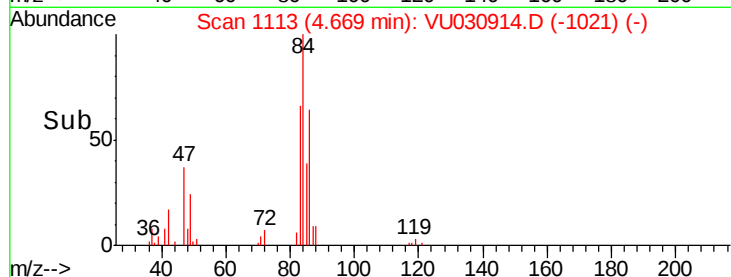
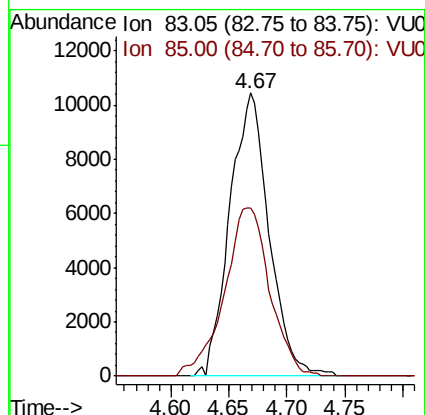
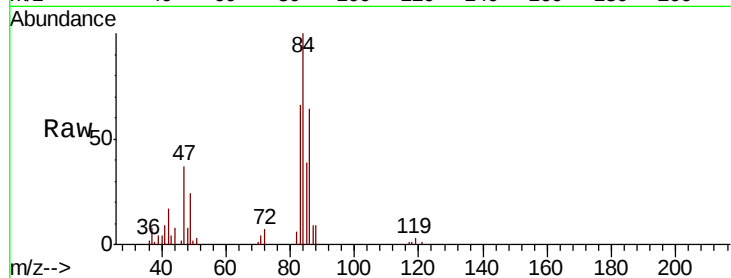
E3YB7

Tot Ion: 83 Resp: 24564

Ion Ratio Lower Upper

83 100

85 59.4 44.2 82.2



#35

Methylcyclohexane

Concen: 0.783 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU030914.D

Acq: 08 Apr 2019 18:54

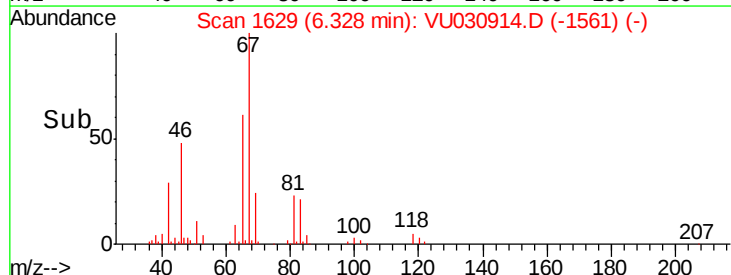
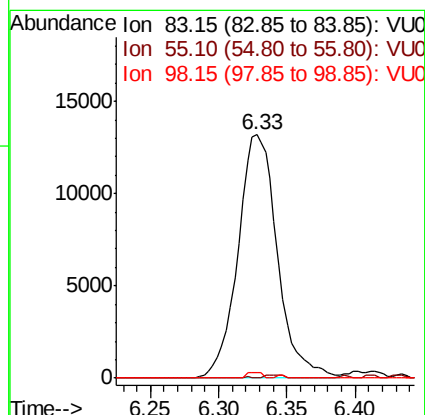
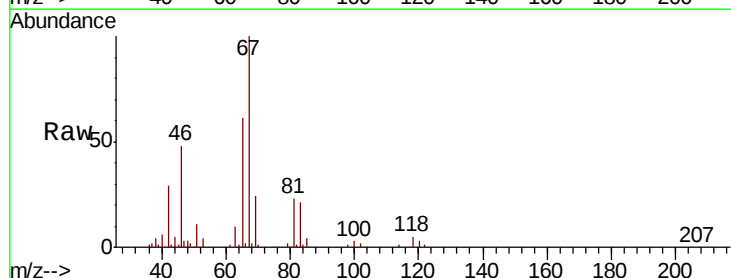
Tgt Ion: 83 Resp: 26552

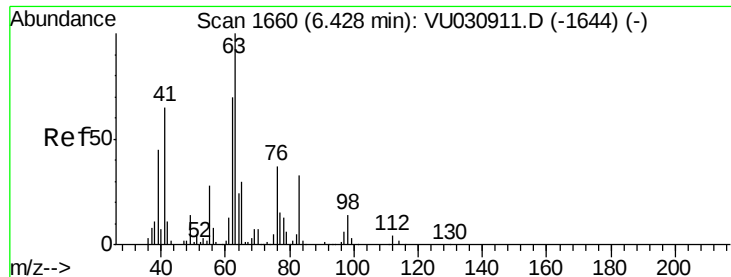
Ion Ratio Lower Upper

83 100

55 0.0 72.6 108.8#

98 0.9 35.0 52.6#





#37

1,2-Dichloropropane

Concen: 0.566 ug/L

RT: 6.33 min Scan# 1630

Delta R.T. -0.10 min

Lab File: VU030914.D

Acq: 08 Apr 2019 18:54

Instrument :

MSVOA_U

ClientSampleId :

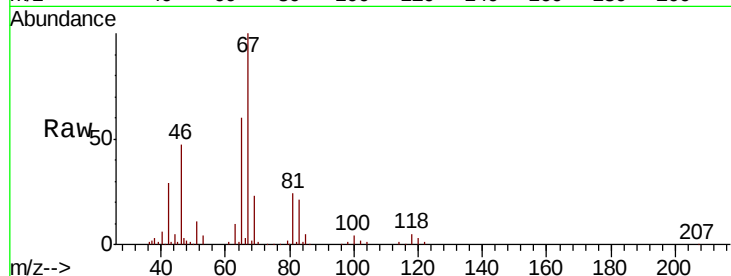
E3YB7

Tot Ion: 63 Resp: 13216

Ion Ratio Lower Upper

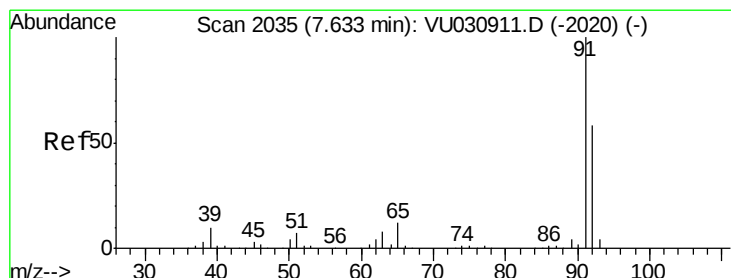
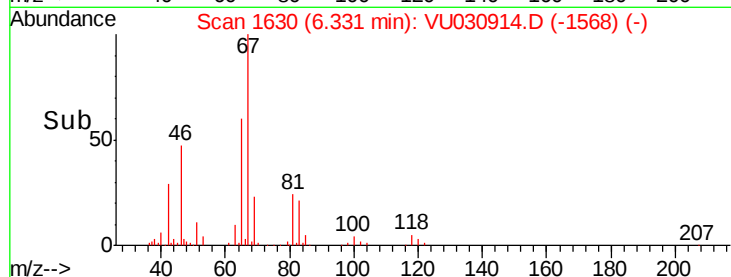
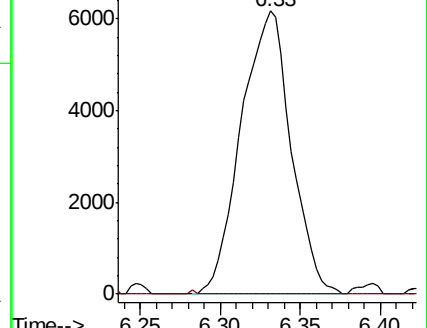
63 100

112 0.1 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VU030911.D (-1644) (-)

Ion 112.10 (111.80 to 112.80): VU030911.D (-1644) (-)



#42

Toluene

Concen: 0.308 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU030914.D

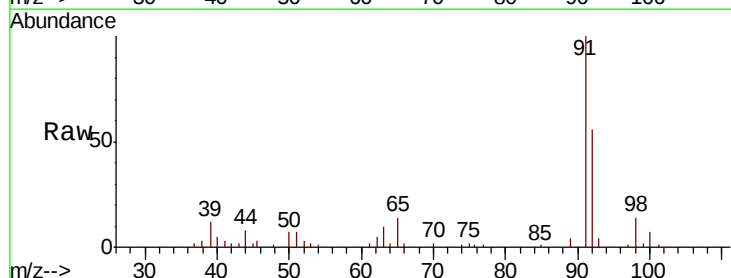
Acq: 08 Apr 2019 18:54

Tgt Ion: 91 Resp: 26183

Ion Ratio Lower Upper

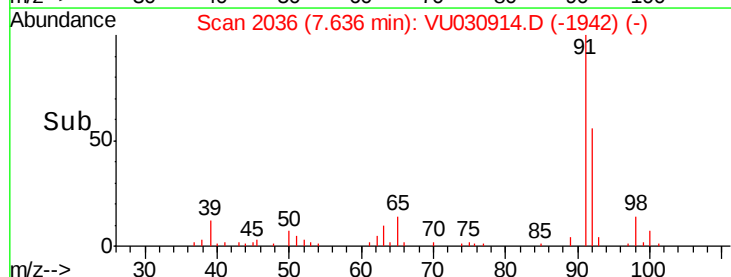
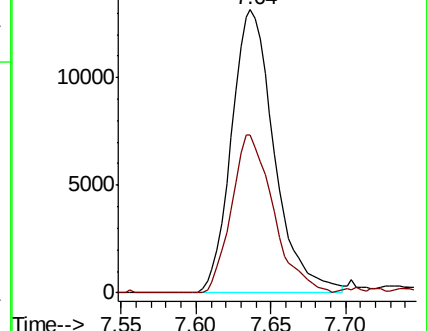
91 100

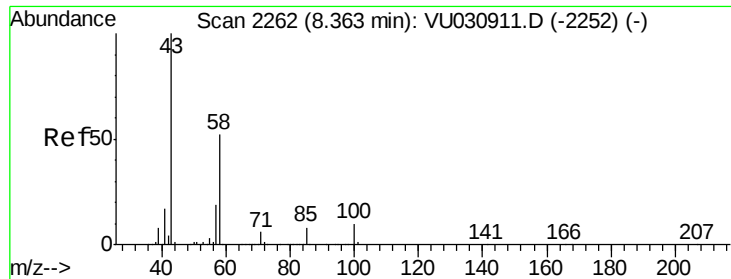
92 55.7 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VU030911.D (-2020) (-)

Ion 92.15 (91.85 to 92.85): VU030911.D (-2020) (-)

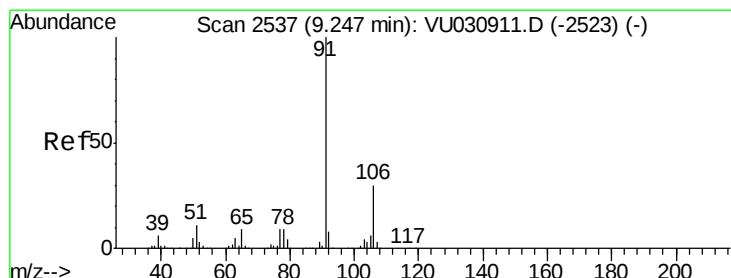
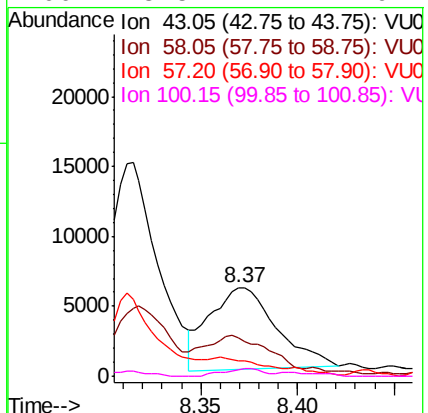
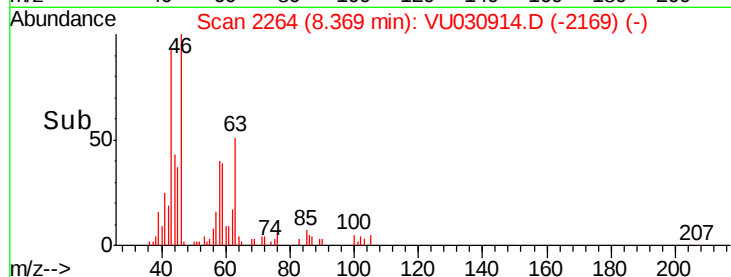
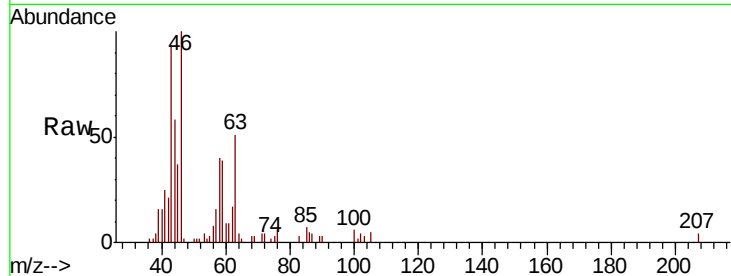




#48
2-Hexanone
Concen: 1.417 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU030914.D
Acq: 08 Apr 2019 18:54

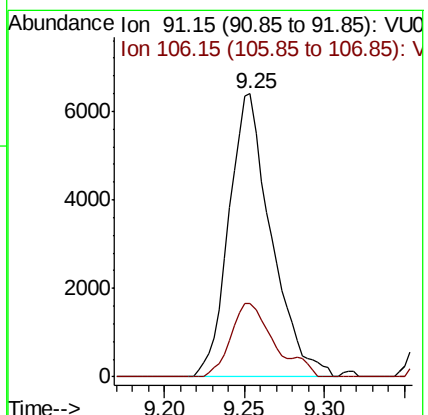
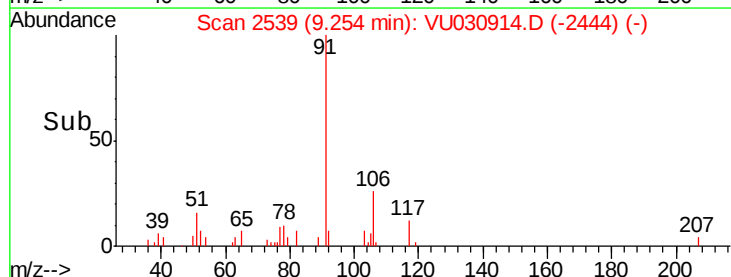
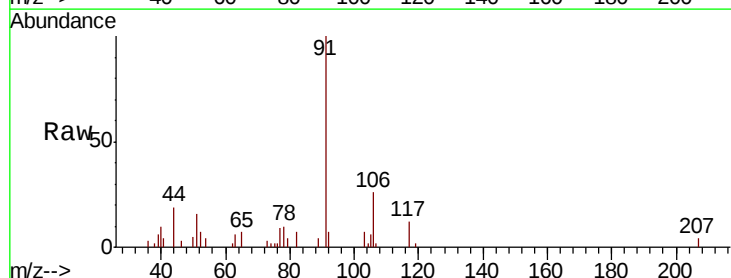
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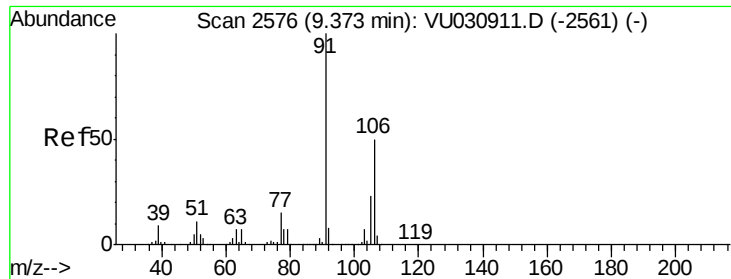
Tot Ion	Ratio	Lower	Upper
43	100		
58	48.9	42.5	63.7
57	8.8	13.9	20.9
100	5.5	7.1	10.7



#52
Ethylbenzene
Concen: 0.127 ug/L
RT: 9.25 min Scan# 2539
Delta R.T. 0.01 min
Lab File: VU030914.D
Acq: 08 Apr 2019 18:54

Tgt Ion	Ratio	Lower	Upper
91	100		
106	26.1	20.2	37.4





#53

m,p-Xylene

Concen: 0.112 ug/L

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU030914.D

Acq: 08 Apr 2019 18:54

Instrument :

MSVOA_U

ClientSampleId :

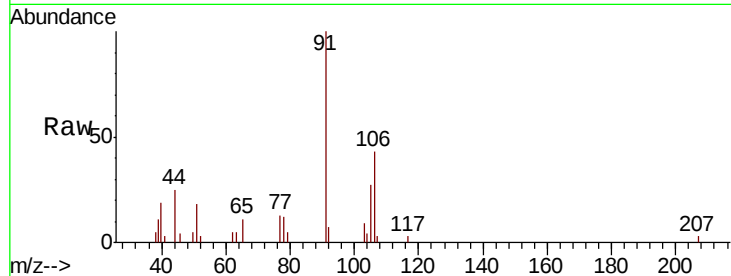
E3YB7

Tot Ion:106 Resp: 3545

Ion Ratio Lower Upper

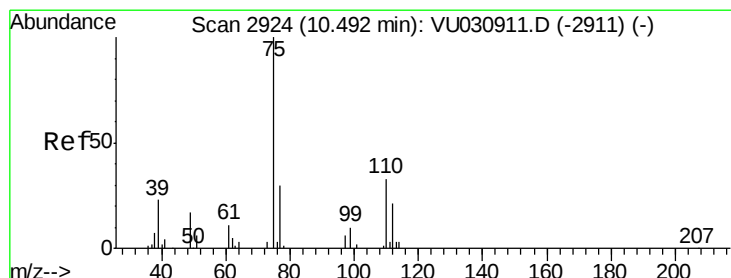
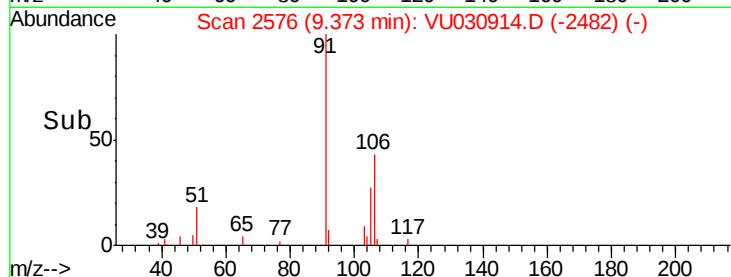
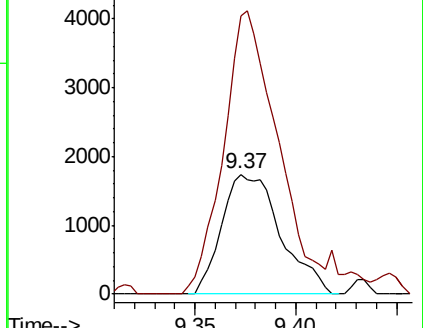
106 100

91 231.2 147.4 273.8



Abundance Ion 106.15 (105.85 to 106.85): VU030911.D (-2561) (-)

Ion 91.15 (90.85 to 91.85): VU030911.D (-2561) (-)



#59

1,2,3-Trichloropropane

Concen: 1.077 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030914.D

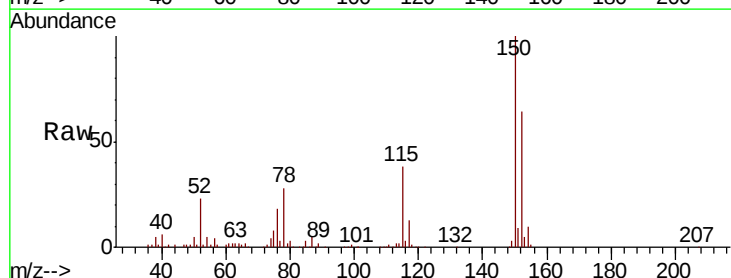
Acq: 08 Apr 2019 18:54

Tgt Ion: 75 Resp: 14059

Ion Ratio Lower Upper

75 100

77 37.3 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU030911.D (-2911) (-)

Ion 77.00 (76.70 to 77.70): VU030911.D (-2911) (-)

