

Data File : VU032087.D
Acq On : 17 May 2019 07:50
Operator : JC/SP
Sample : K2859-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W43

Quant Time: May 17 08:46:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 08:41:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	377810	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	401999	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	154603	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	139591	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.68	69	120572	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.27	63	195956	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	4.20	46	272967	43.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.38%
24) Chloroform-d	4.64	84	249999	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.31	65	127120	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	5.33	84	525257	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.33	67	150855	4.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.20%
41) Toluene-d8	7.56	98	429124	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloropropene-	7.85	79	47581	3.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.80%
46) 2-Hexanone-d5	8.31	63	238408	40.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	128243	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	157738	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

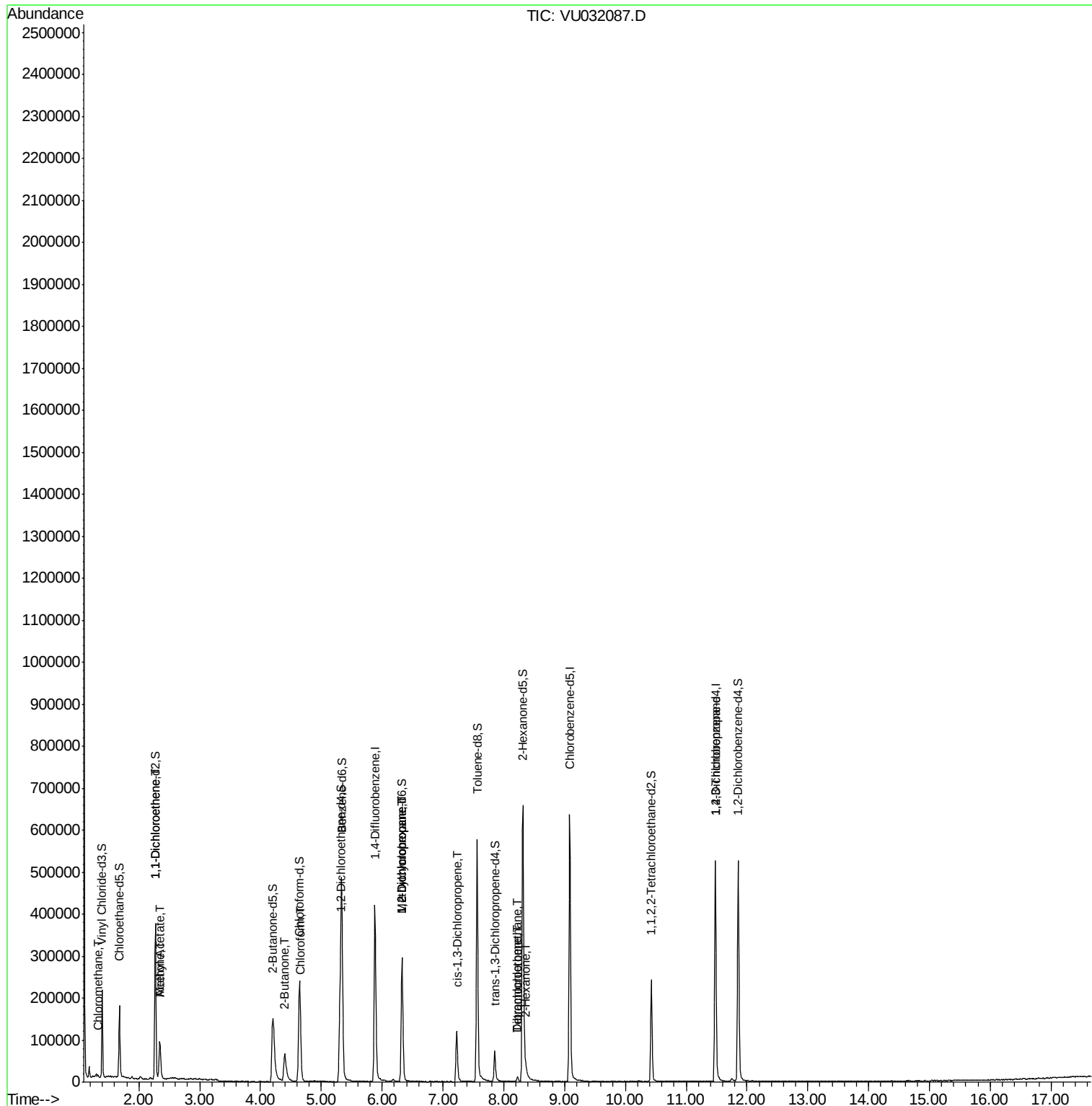
					Qvalue
3) Chloromethane	1.32	50	3778	0.208 ug/L	88
12) 1,1-Dichloroethene	2.27	96	1751	0.115 ug/L #	1
13) Acetone	2.34	43	33838	16.497 ug/L	98
15) Methyl Acetate	2.34	43	29168	4.959 ug/L #	42
21) 2-Butanone	4.40	43	80320	27.281 ug/L #	42
25) Chloroform	4.67	83	8454	0.307 ug/L	93
35) Methylcyclohexane	6.32	83	34711	1.440 ug/L #	20
37) 1,2-Dichloropropane	6.32	63	16222	1.075 ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	3317	0.159 ug/L	86
47) Tetrachloroethene	8.23	164	3104	0.248 ug/L	93
48) 2-Hexanone	8.37	43	10614	1.956 ug/L #	34
49) Dibromochloromethane	8.23	129	2939	0.229 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	17668	1.843 ug/L	92

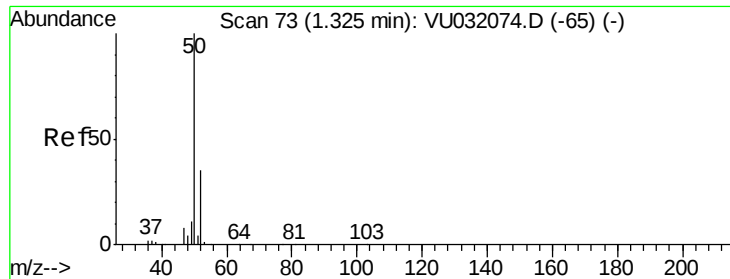
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.208 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032087.D

Acq: 17 May 2019 07:50

Instrument :

MSVOA_U

ClientSampleId :

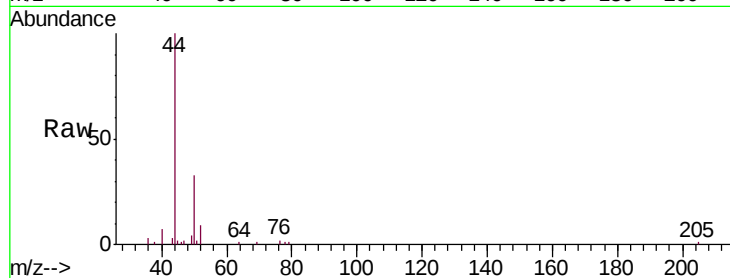
F9W43

Tgt Ion: 50 Resp: 3778

Ion Ratio Lower Upper

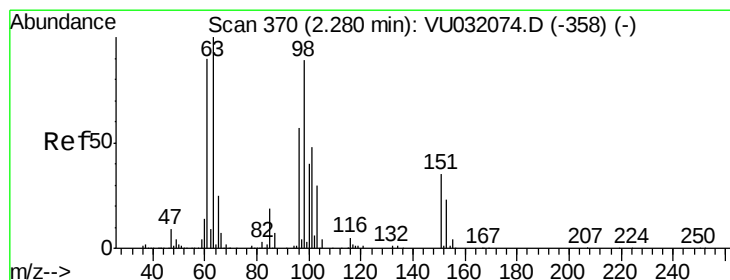
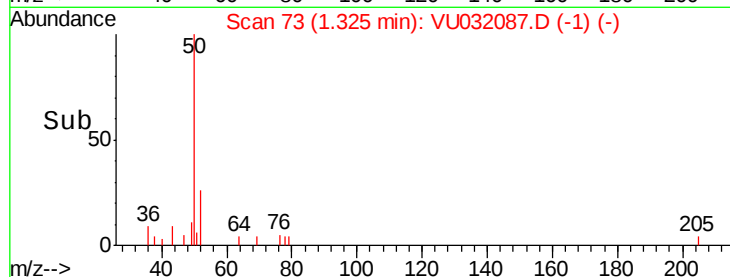
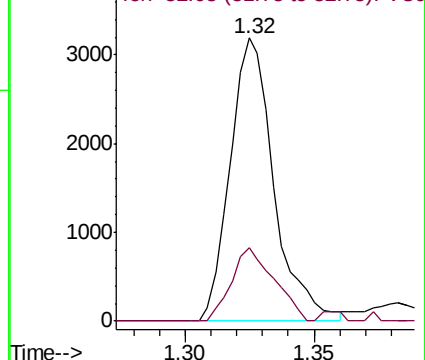
50 100

52 26.0 23.2 43.0



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#12

1,1-Dichloroethene

Concen: 0.115 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032087.D

Acq: 17 May 2019 07:50

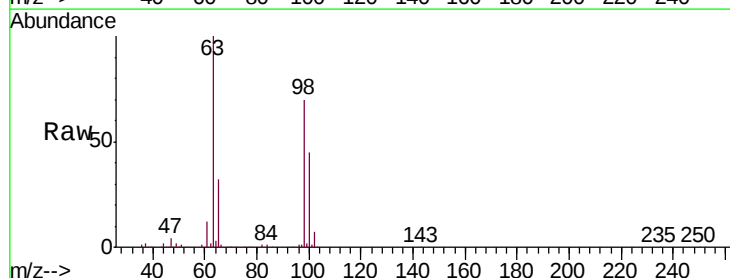
Tgt Ion: 96 Resp: 1751

Ion Ratio Lower Upper

96 100

61 1452.5 111.7 207.5#

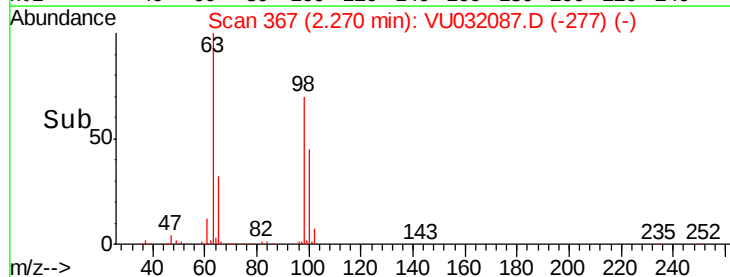
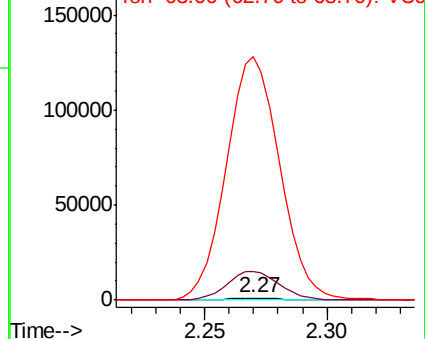
63 12280.7 152.2 282.6#

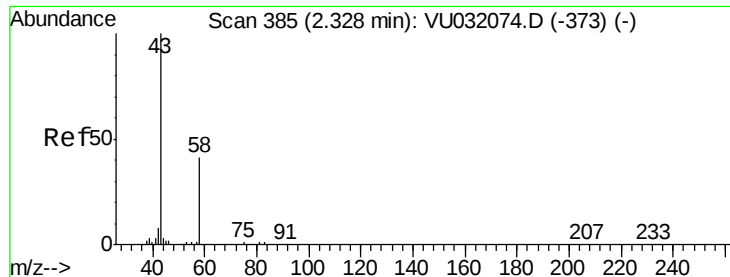


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 16.497 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.02 min

Lab File: VU032087.D

Acq: 17 May 2019 07:50

Instrument :

MSVOA_U

ClientSampleId :

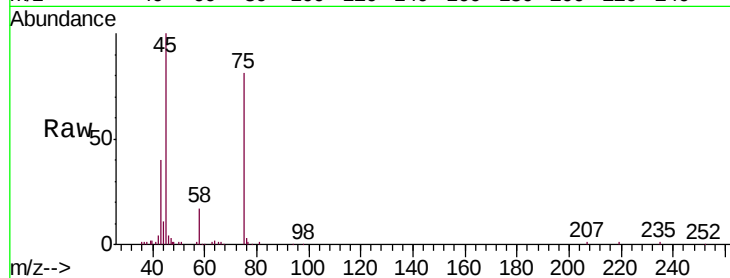
F9W43

Tgt Ion: 43 Resp: 33838

Ion Ratio Lower Upper

43 100

58 40.7 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU032074.D (-373) (-)

Ion 58.05 (57.75 to 58.75): VU032074.D (-373) (-)

2.34

15000

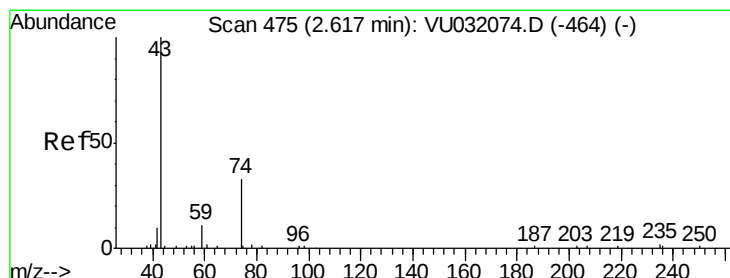
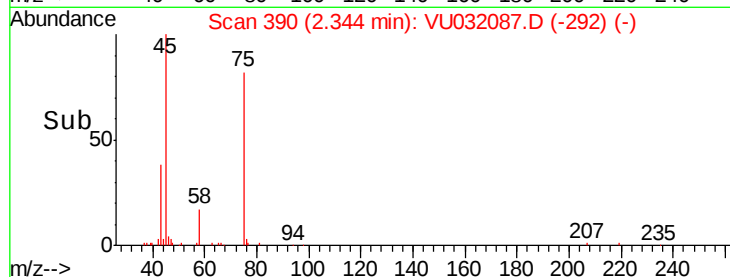
10000

5000

0

Time-->

2.25 2.30 2.35 2.40 2.45



#15

Methyl Acetate

Concen: 4.959 ug/L

RT: 2.34 min Scan# 390

Delta R.T. -0.27 min

Lab File: VU032087.D

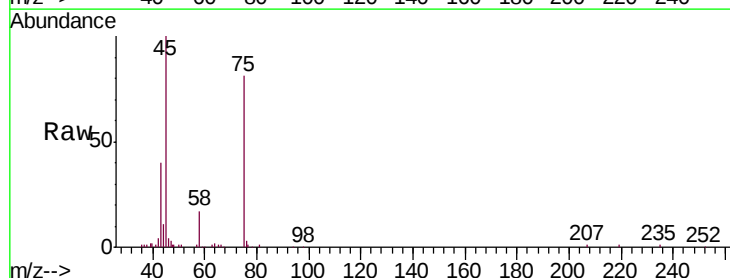
Acq: 17 May 2019 07:50

Tgt Ion: 43 Resp: 29168

Ion Ratio Lower Upper

43 100

74 0.1 26.4 39.6#



Abundance Ion 43.05 (42.75 to 43.75): VU032074.D (-464) (-)

Ion 74.05 (73.75 to 74.75): VU032074.D (-464) (-)

2.34

15000

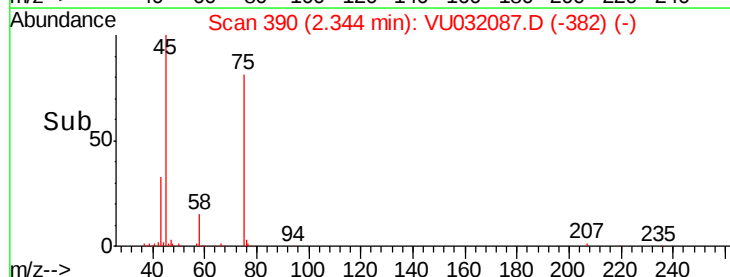
10000

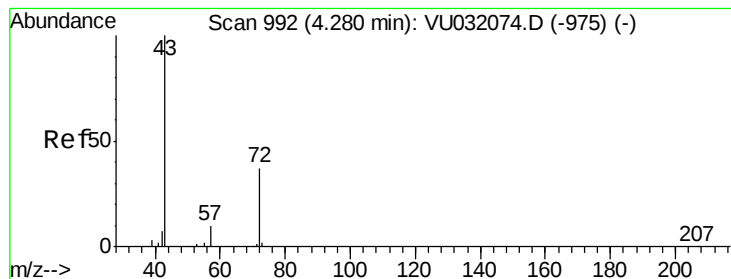
5000

0

Time-->

2.30 2.35 2.40 2.45





#21

2-Butanone

Concen: 27.281 ug/L

RT: 4.40 min Scan# 1028

Delta R.T. 0.12 min

Lab File: VU032087.D

Acq: 17 May 2019 07:50

Instrument :

MSVOA_U

ClientSampleId :

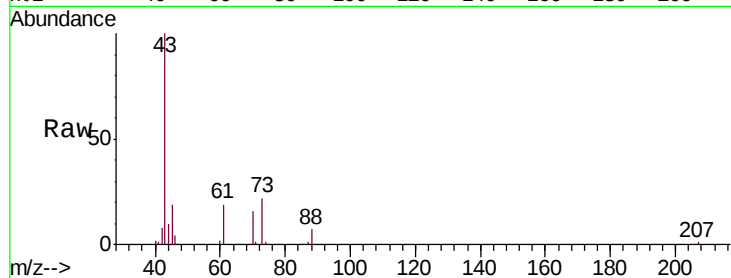
F9W43

Tgt Ion: 43 Resp: 80320

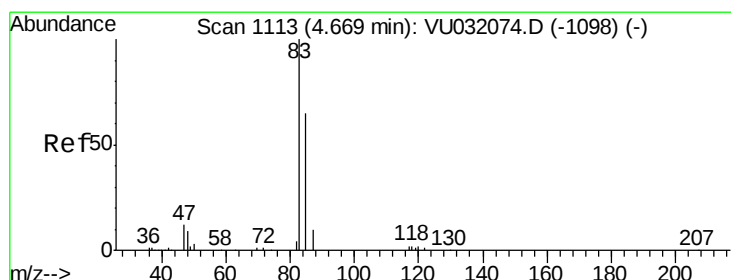
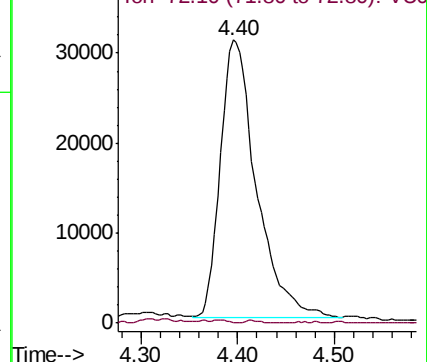
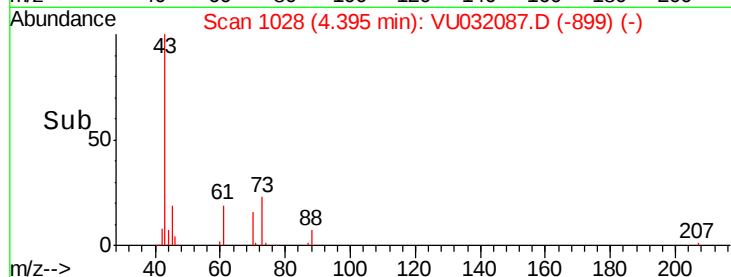
Ion Ratio Lower Upper

43 100

72 0.5 16.8 50.3#



Abundance Ion 43.05 (42.75 to 43.75): VU032087.D (-1020) (-)



#25

Chloroform

Concen: 0.307 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VU032087.D

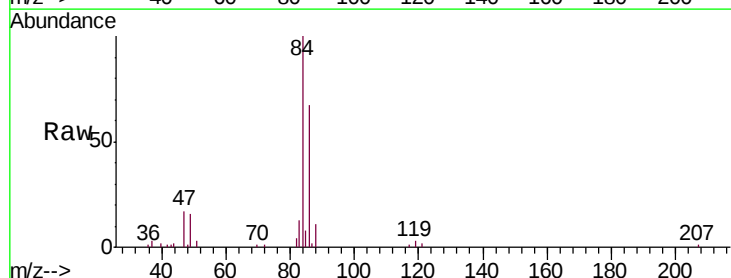
Acq: 17 May 2019 07:50

Tgt Ion: 83 Resp: 8454

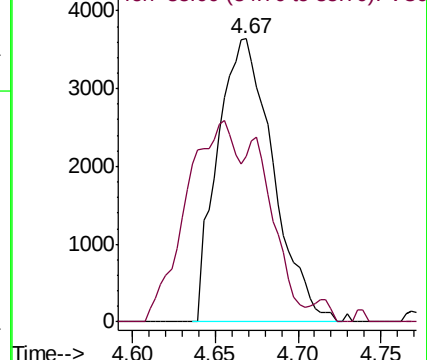
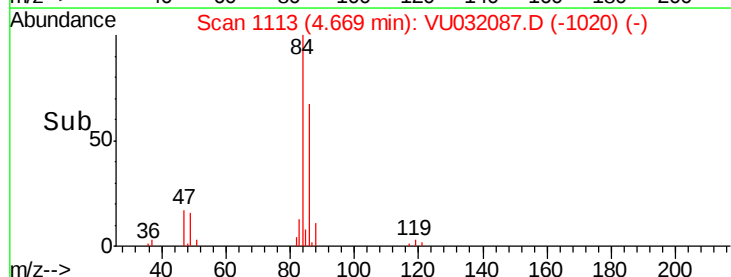
Ion Ratio Lower Upper

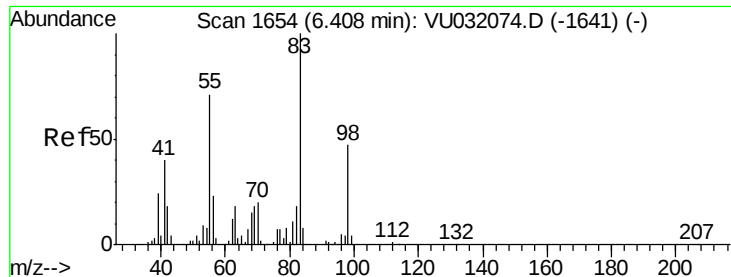
83 100

85 58.4 44.9 83.3



Abundance Ion 83.05 (82.75 to 83.75): VU032087.D (-1020) (-)

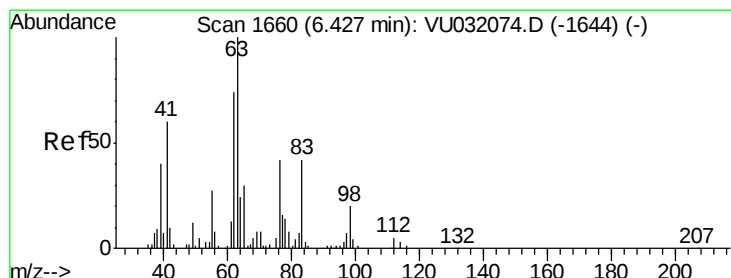
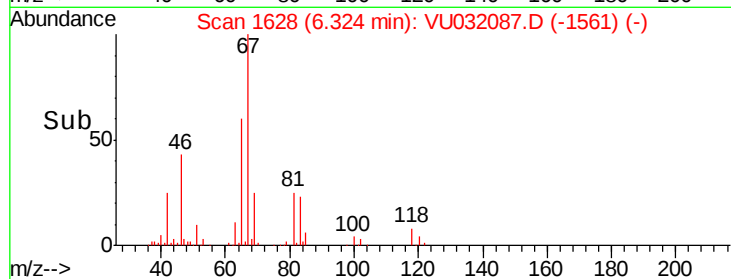
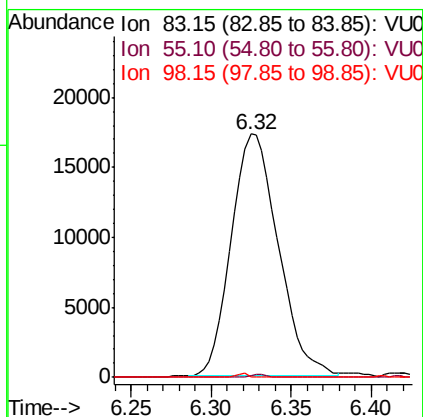
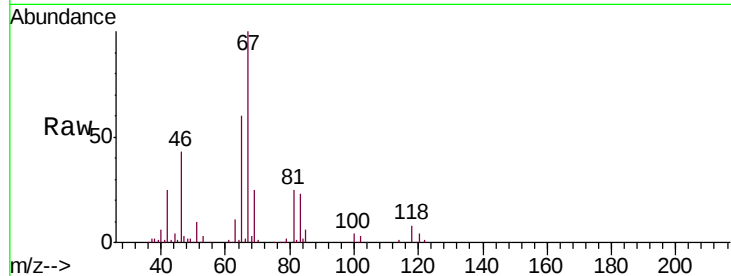




#35
Methylcyclohexane
Concen: 1.440 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032087.D
Acq: 17 May 2019 07:50

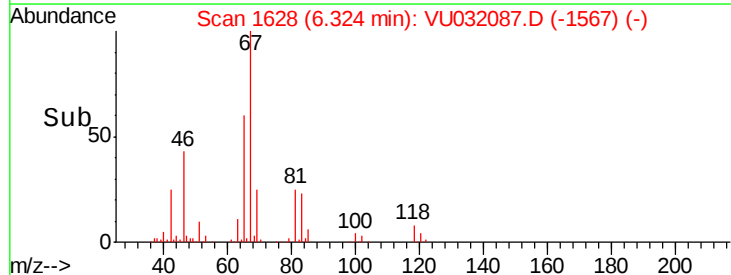
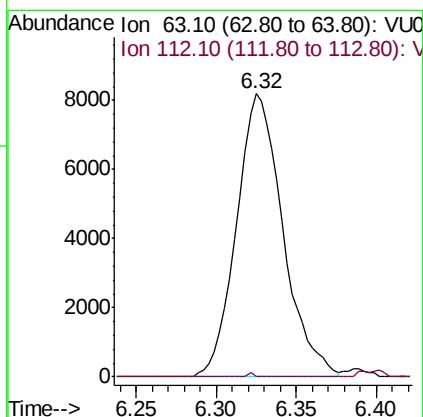
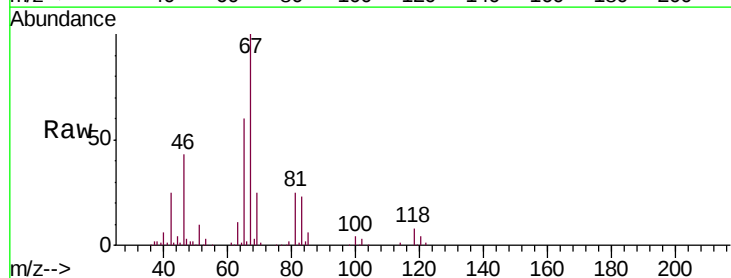
Instrument :
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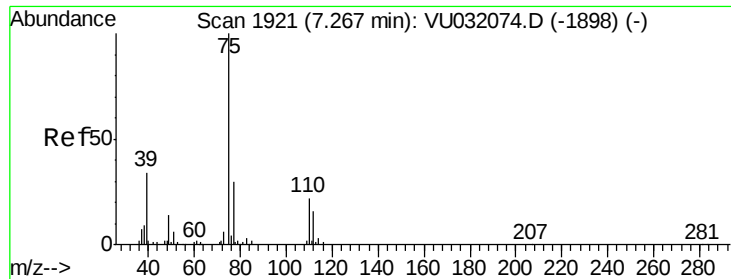
Tgt Ion: 83 Resp: 34711
Ion Ratio Lower Upper
83 100
55 0.4 59.7 89.5#
98 0.3 36.8 55.2#



#37
1,2-Dichloropropane
Concen: 1.075 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032087.D
Acq: 17 May 2019 07:50

Tgt Ion: 63 Resp: 16222
Ion Ratio Lower Upper
63 100
112 0.1 3.8 5.6#

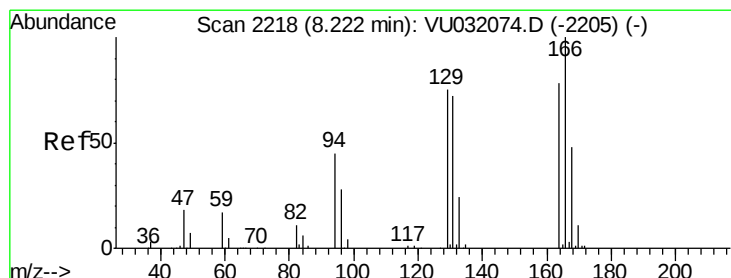
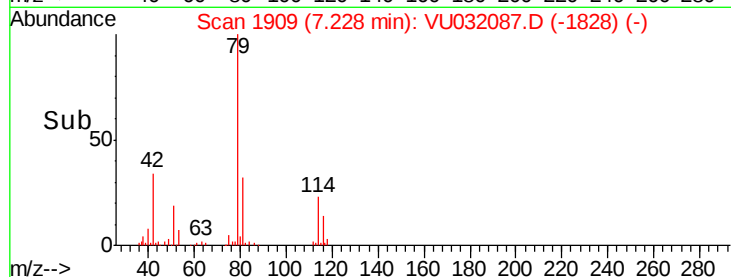
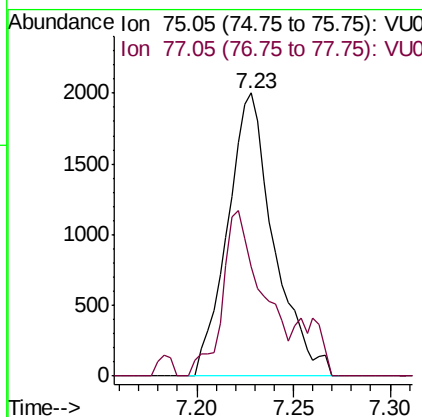
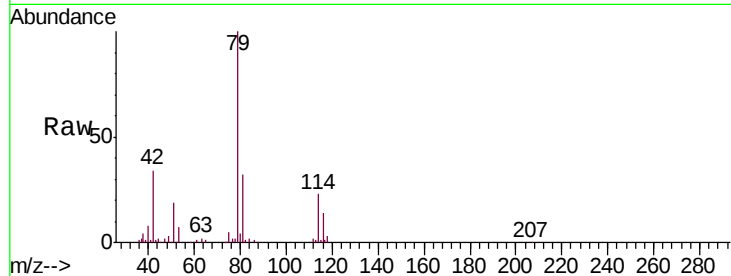




#39
 cis-1,3-Dichloropropene
 Concen: 0.159 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU032087.D
 Acq: 17 May 2019 07:50

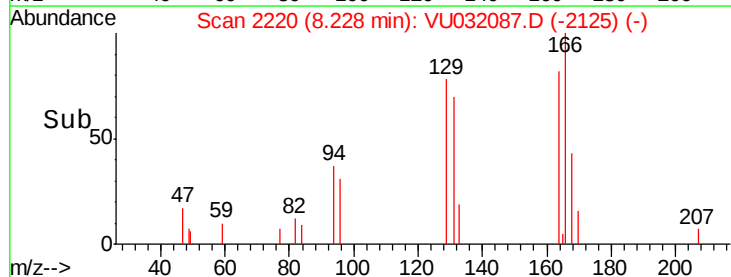
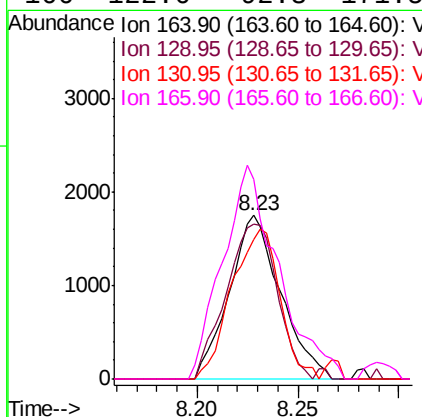
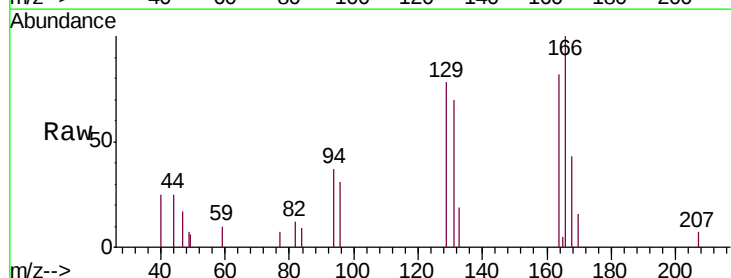
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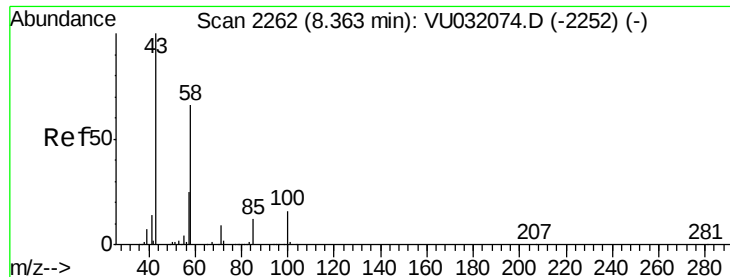
Tgt Ion: 75 Resp: 3317
 Ion Ratio Lower Upper
 75 100
 77 38.8 21.7 40.3



#47
 Tetrachloroethene
 Concen: 0.248 ug/L
 RT: 8.23 min Scan# 2220
 Delta R.T. 0.01 min
 Lab File: VU032087.D
 Acq: 17 May 2019 07:50

Tgt Ion: 164 Resp: 3104
 Ion Ratio Lower Upper
 164 100
 129 95.0 70.3 130.5
 131 85.6 64.5 119.9
 166 122.6 92.3 171.5

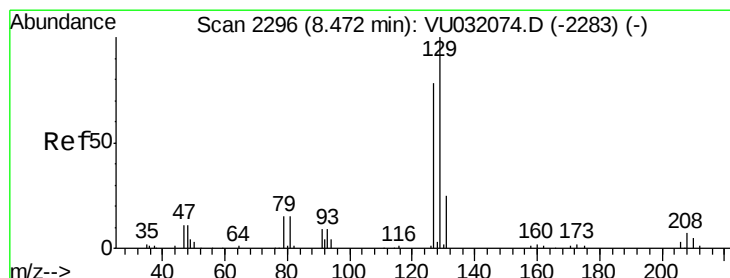
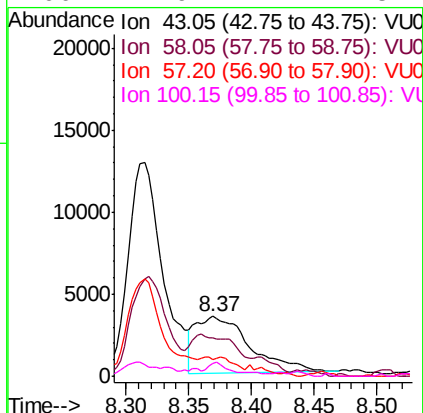
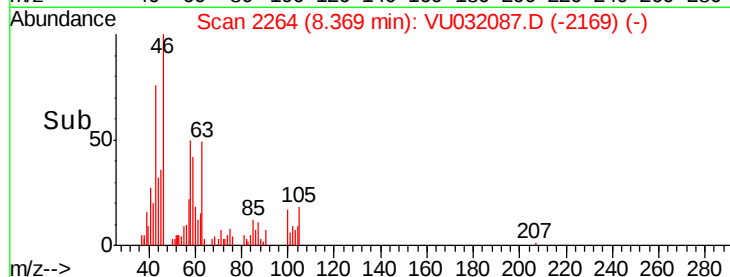
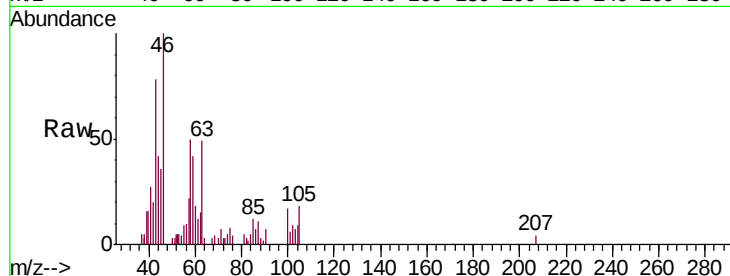




#48
2-Hexanone
Concen: 1.956 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU032087.D
Acq: 17 May 2019 07:50

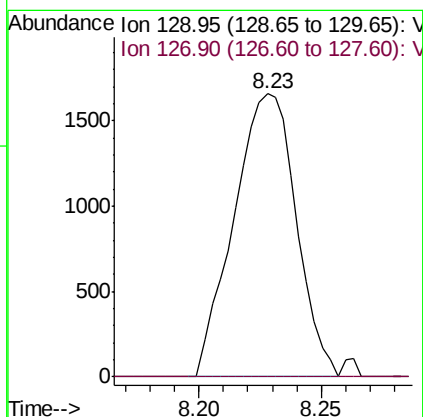
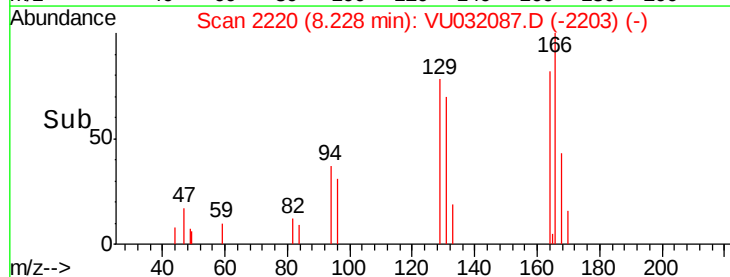
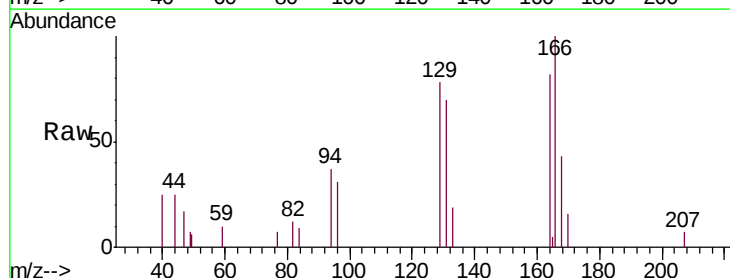
Instrument :
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F9W43

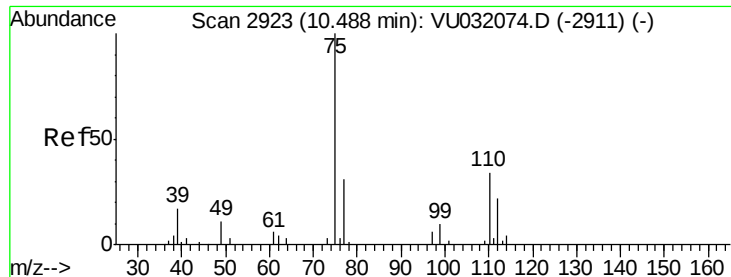
Tgt Ion: 43 Resp: 10614
Ion Ratio Lower Upper
43 100
58 0.0 51.6 77.4#
57 0.0 18.4 27.6#
100 4.9 12.2 18.4#



#49
Dibromochloromethane
Concen: 0.229 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. -0.24 min
Lab File: VU032087.D
Acq: 17 May 2019 07:50

Tgt Ion: 129 Resp: 2939
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.6#





#59

1,2,3-Trichloropropane

Concen: 1.843 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032087.D

Acq: 17 May 2019 07:50

Instrument :

MSVOA_U

ClientSampleId :

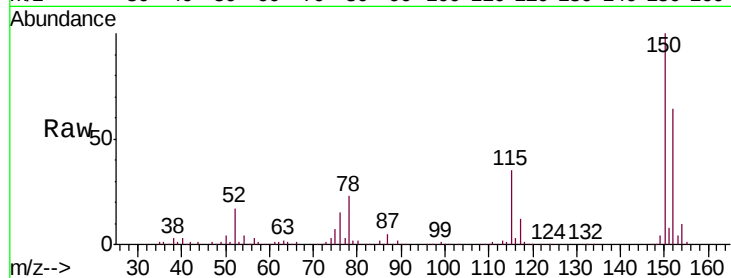
F9W43

Tgt Ion: 75 Resp: 17668

Ion Ratio Lower Upper

75 100

77 37.0 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

