

Data File : VU032063.D
Acq On : 16 May 2019 21:04
Operator : JC/SP
Sample : K2850-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W05

Quant Time: May 17 07:23:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 07:17:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	432391	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	400904	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	157220	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	153361	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.68	69	128748	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.80%
11) 1,1-Dichloroethene-d2	2.27	63	217219	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	4.20	46	280273	39.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.40%
24) Chloroform-d	4.64	84	264660	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
26) 1,2-Dichloroethane-d4	5.31	65	133492	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
32) Benzene-d6	5.33	84	552075	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.33	67	163564	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.56	98	463047	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.85	79	54584	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.31	63	250478	43.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	126821	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	160656	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

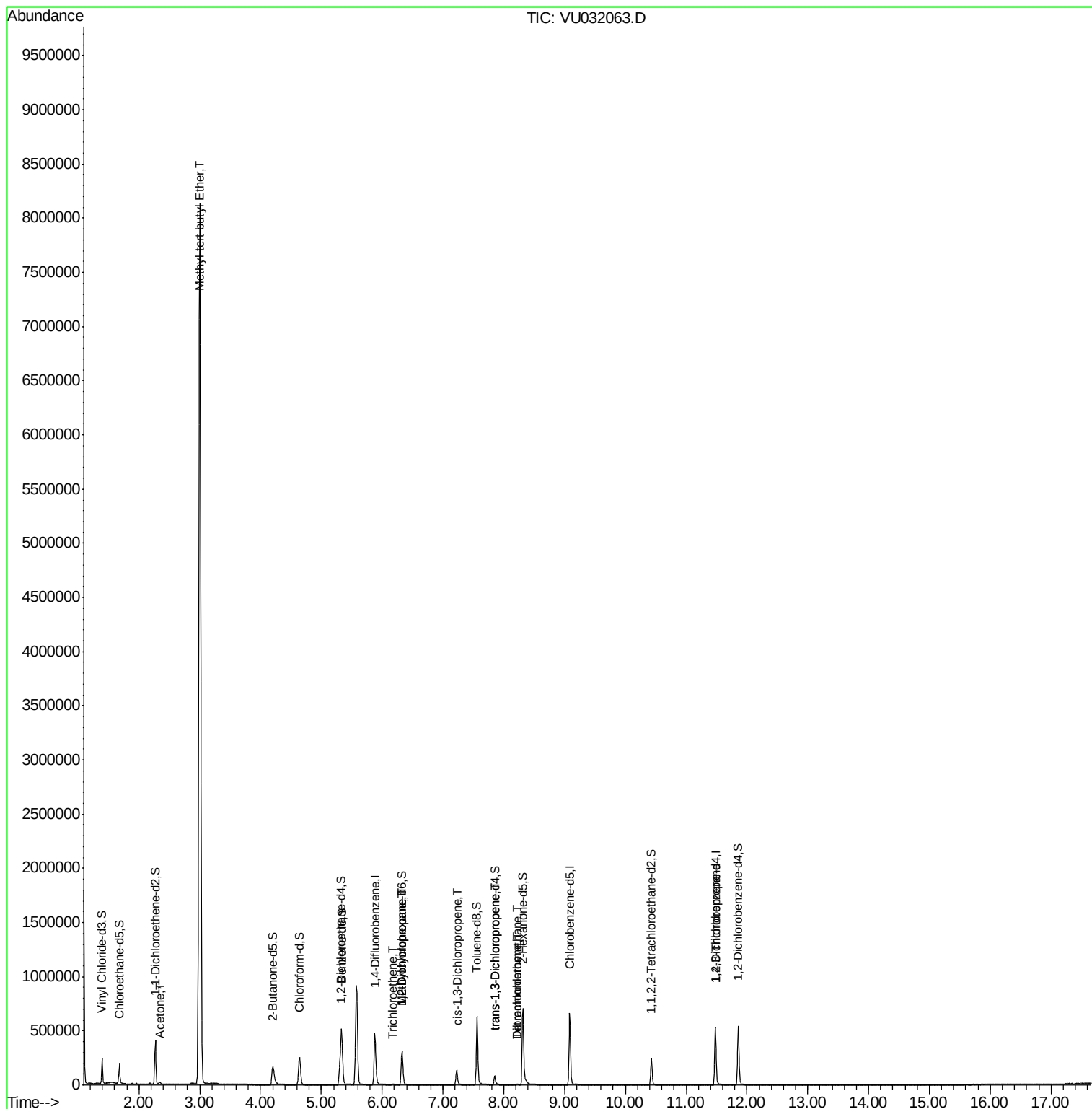
					Qvalue
13) Acetone	2.33	43	14347	6.112	ug/L 90
17) Methyl tert-butyl Ether	3.00	73	9515135	233.082	ug/L 97
34) Trichloroethene	6.18	95	2561	0.153	ug/L # 61
35) Methylcyclohexane	6.33	83	40052	1.666	ug/L # 20
37) 1,2-Dichloropropane	6.32	63	16642	1.106	ug/L # 86
39) cis-1,3-Dichloropropene	7.23	75	3228	0.155	ug/L # 39
44) trans-1,3-Dichloropropene	7.85	75	2165	0.134	ug/L # 69
47) Tetrachloroethene	8.23	164	2522	0.202	ug/L 80
49) Dibromochloromethane	8.22	129	2402	0.187	ug/L # 10
59) 1,2,3-Trichloropropane	11.48	75	17518	1.832	ug/L 93

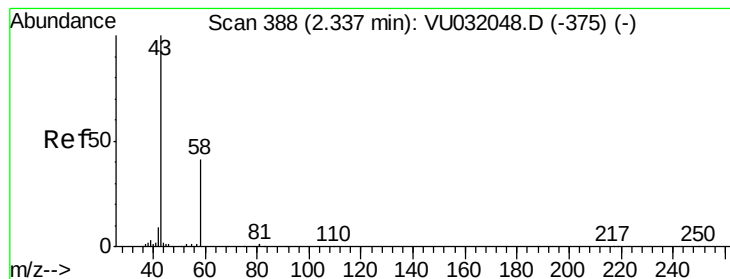
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 17 07:17:36 2019
Response via : Initial Calibration





#13

Acetone

Concen: 6.112 ug/L

RT: 2.33 min Scan# 387

Delta R.T. -0.00 min

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Acq: 16 May 2019 21:04

Instrument :

MSVOA_U

ClientSampleId :

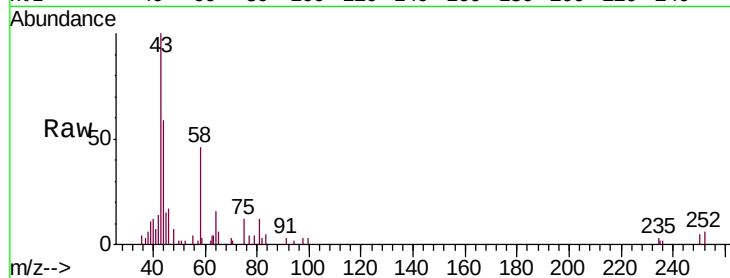
F9W05

Tgt Ion: 43 Resp: 14347

Ion Ratio Lower Upper

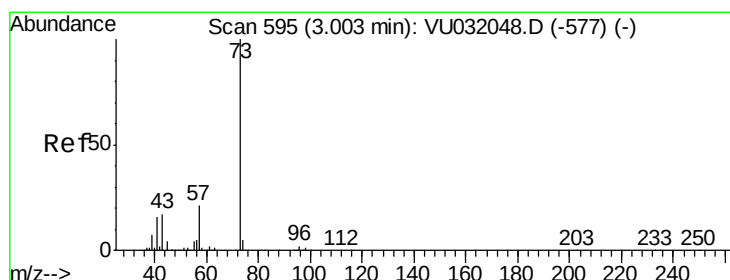
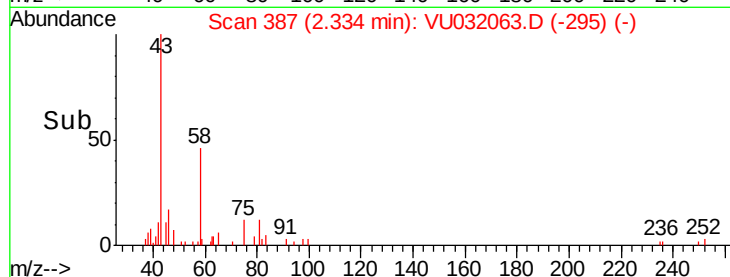
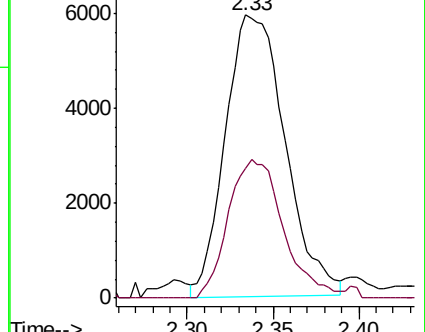
43 100

58 45.4 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU032048.D (-375) (-)

Ion 58.05 (57.75 to 58.75): VU032048.D (-375) (-)



#17

Methyl tert-butyl Ether

Concen: 233.082 ug/L

RT: 3.00 min Scan# 594

Delta R.T. -0.00 min

Lab File: VU032063.D

Acq: 16 May 2019 21:04

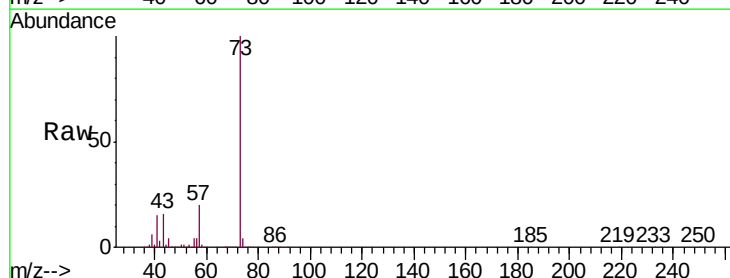
Tgt Ion: 73 Resp: 9515135

Ion Ratio Lower Upper

73 100

43 15.6 13.0 19.6

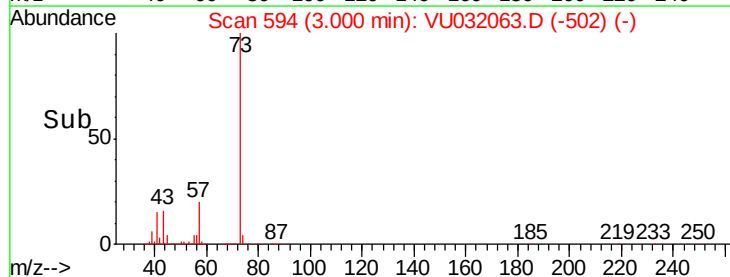
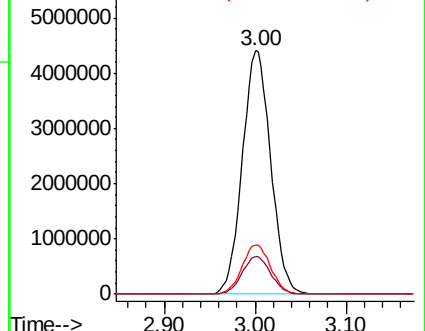
57 20.5 17.9 26.9

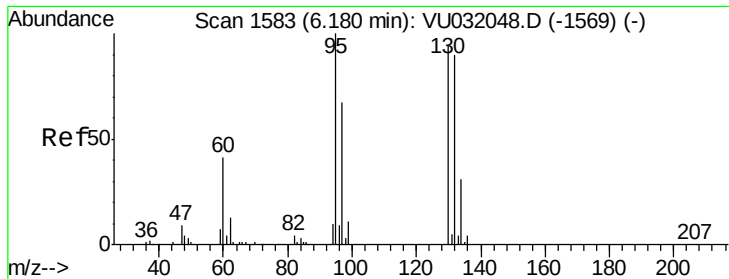


Abundance Ion 73.10 (72.80 to 73.80): VU032048.D (-577) (-)

Ion 43.05 (42.75 to 43.75): VU032048.D (-577) (-)

Ion 57.10 (56.80 to 57.80): VU032048.D (-577) (-)





#34

Trichloroethene

Concen: 0.153 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032063.D

Acq: 16 May 2019 21:04

Instrument :

MSVOA_U

ClientSampleId :

F9W05

Tgt Ion: 95 Resp: 2561

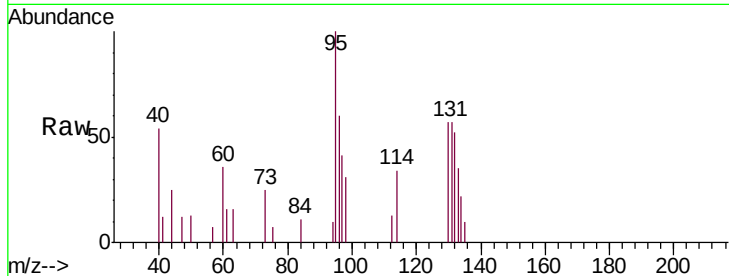
Ion Ratio Lower Upper

95 100

97 40.6 45.2 84.0#

132 51.7 66.1 122.7#

130 56.5 66.7 123.9#

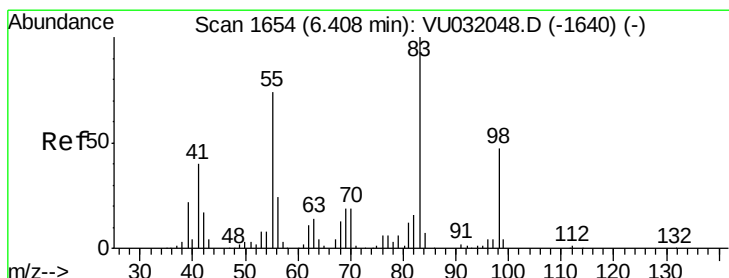
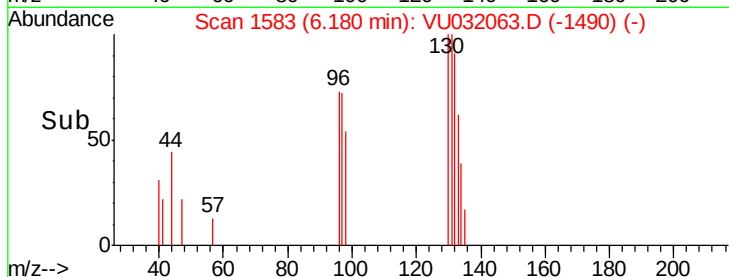
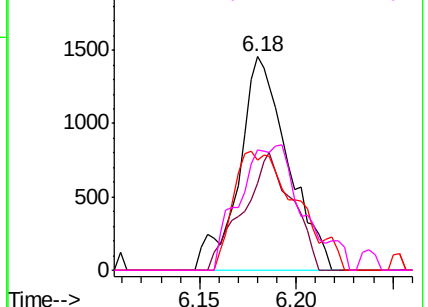


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 1.666 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU032063.D

Acq: 16 May 2019 21:04

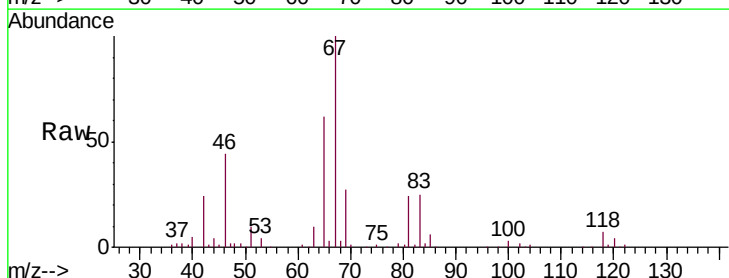
Tgt Ion: 83 Resp: 40052

Ion Ratio Lower Upper

83 100

55 0.3 59.7 89.5#

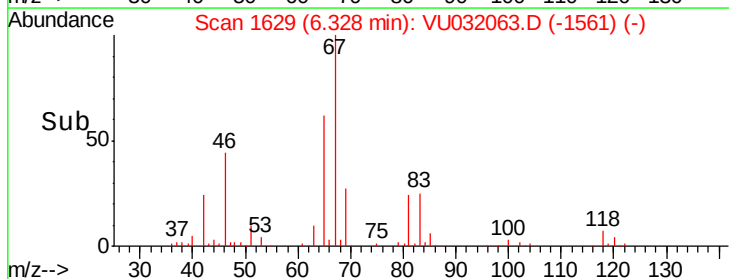
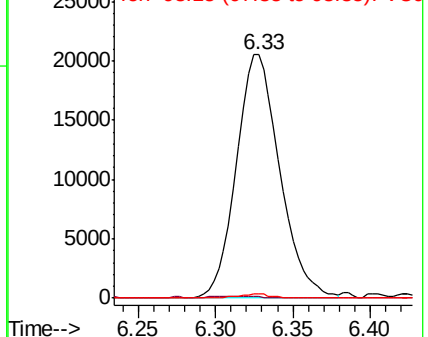
98 1.2 36.8 55.2#

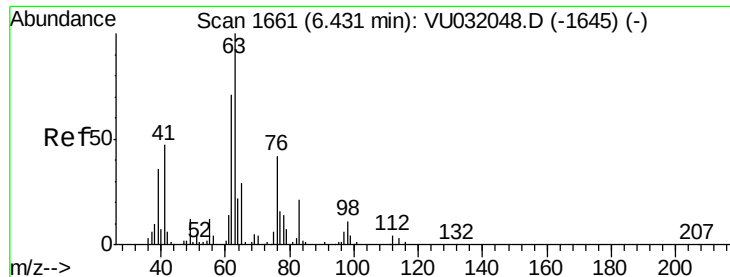


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

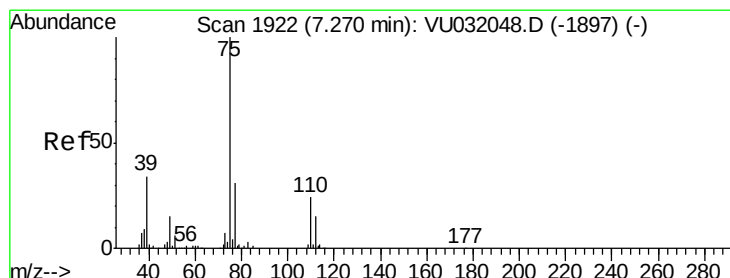
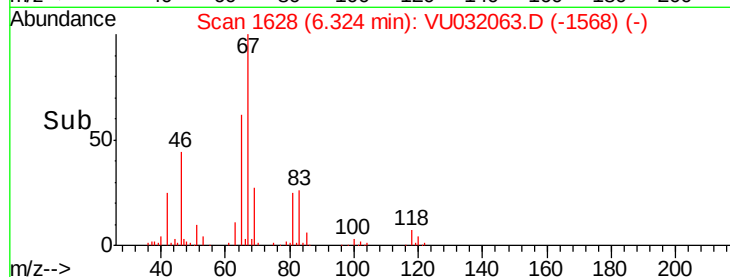
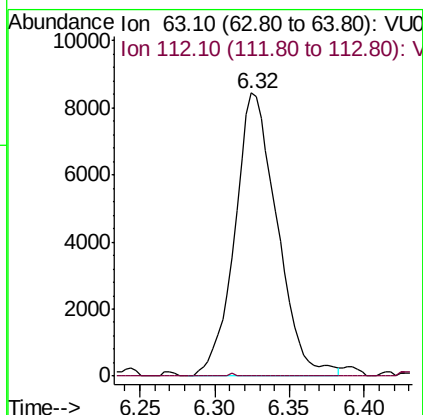
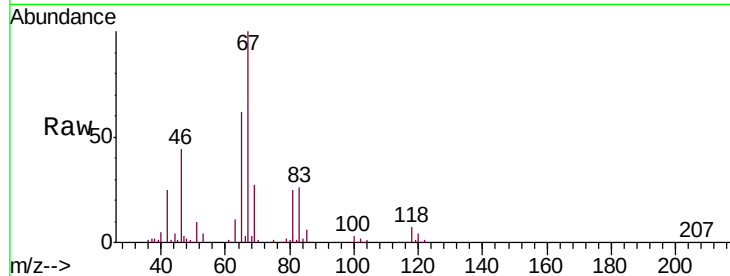




#37
 1,2-Dichloropropane
 Concen: 1.106 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.11 min
 Lab File: VU032063.D
 Acq: 16 May 2019 21:04

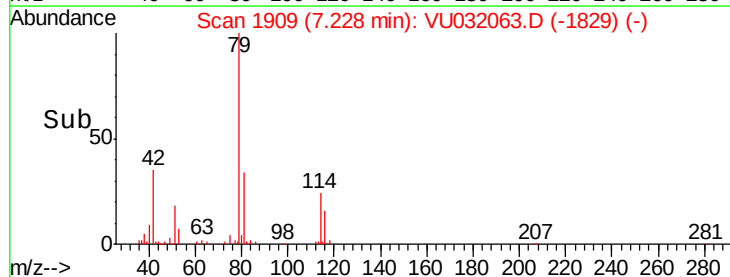
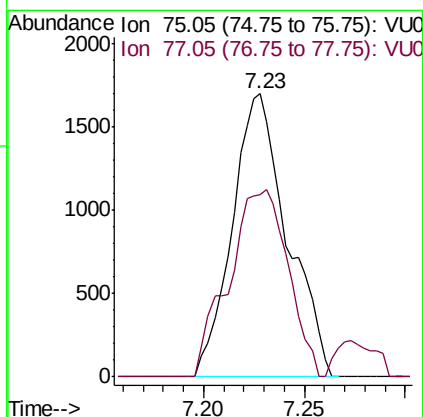
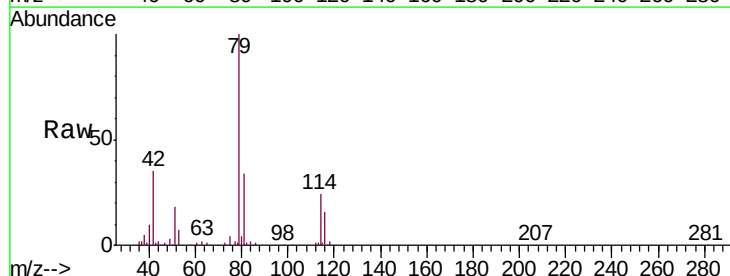
Instrument :
 MSVOA_U
 ClientSampleId :
 F9W05

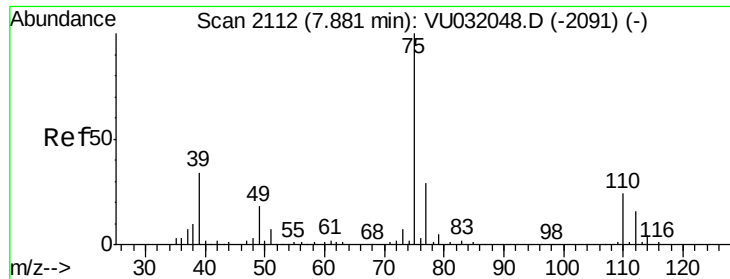
Tgt Ion: 63 Resp: 16642
 Ion Ratio Lower Upper
 63 100
 112 0.1 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.155 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU032063.D
 Acq: 16 May 2019 21:04

Tgt Ion: 75 Resp: 3228
 Ion Ratio Lower Upper
 75 100
 77 64.6 21.7 40.3#





#44

trans-1,3-Dichloropropene

Concen: 0.134 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU032063.D

Acq: 16 May 2019 21:04

Instrument :

MSVOA_U

ClientSampleId :

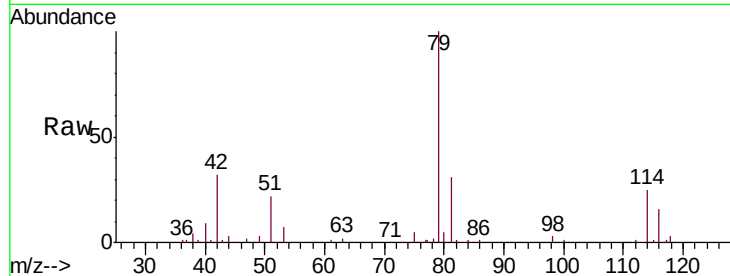
F9W05

Tgt Ion: 75 Resp: 2165

Ion Ratio Lower Upper

75 100

77 47.0 21.0 39.0#



Abundance Ion 75.05 (74.75 to 75.75): VU032048.D (-2091) (-)

Ion 77.05 (76.75 to 77.75): VU032048.D (-2091) (-)

7.85

1500

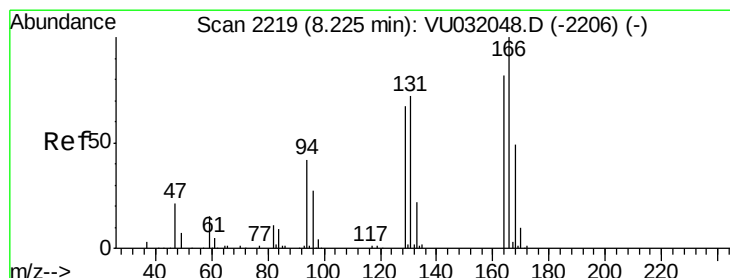
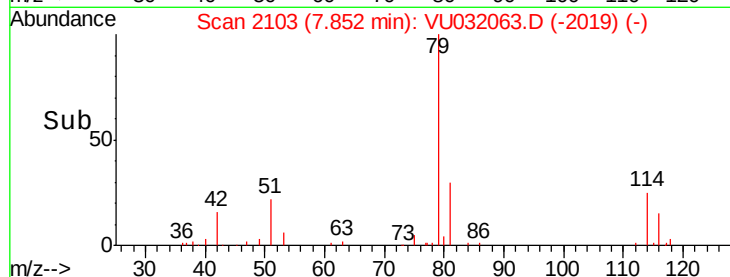
1000

500

0

7.80 7.85 7.90

Time-->



#47

Tetrachloroethene

Concen: 0.202 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.00 min

Lab File: VU032063.D

Acq: 16 May 2019 21:04

Tgt Ion: 164 Resp: 2522

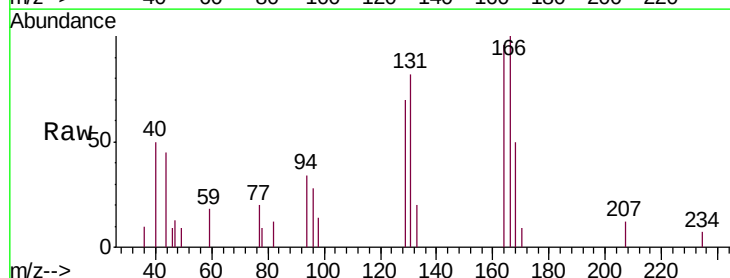
Ion Ratio Lower Upper

164 100

129 73.1 70.3 130.5

131 85.8 64.5 119.9

166 104.4 92.3 171.5



Abundance Ion 163.90 (163.60 to 164.60): VU032048.D (-2206) (-)

Ion 128.95 (128.65 to 129.65): VU032048.D (-2206) (-)

Ion 130.95 (130.65 to 131.65): VU032048.D (-2206) (-)

Ion 165.90 (165.60 to 166.60): VU032048.D (-2206) (-)

2500

2000

1500

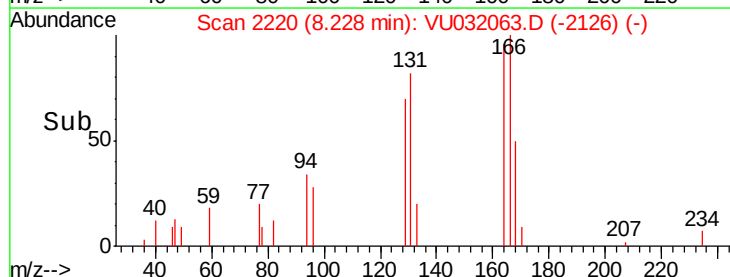
1000

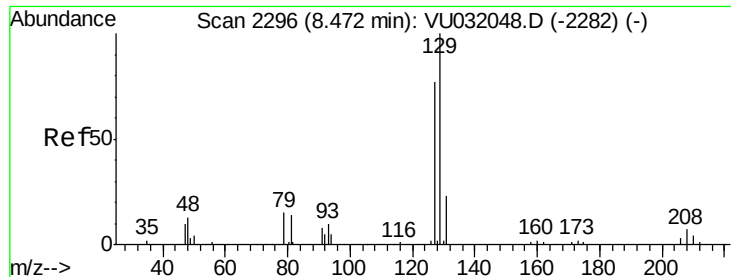
500

0

8.20 8.25

Time-->





#49

Dibromochloromethane

Concen: 0.187 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU032063.D

Acq: 16 May 2019 21:04

Instrument :

MSVOA_U

ClientSampled :

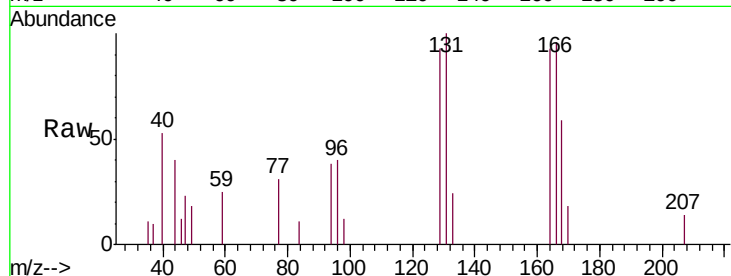
F9W05

Tgt Ion:129 Resp: 2402

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.22

1200

1000

800

600

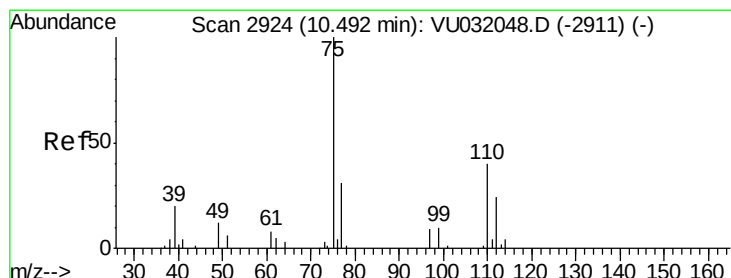
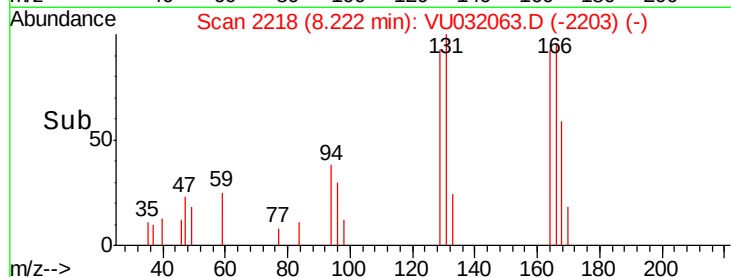
400

200

0

8.20 8.25

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.832 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032063.D

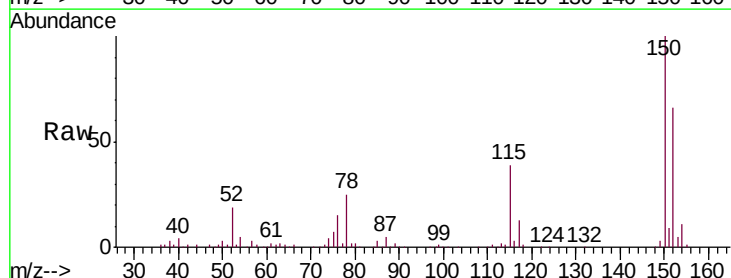
Acq: 16 May 2019 21:04

Tgt Ion: 75 Resp: 17518

Ion Ratio Lower Upper

75 100

77 36.4 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.48

12000

10000

8000

6000

4000

2000

0

11.45 11.50

Time-->

