

Data File : VU032078.D
Acq On : 17 May 2019 04:07
Operator : JC/SP
Sample : K2850-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W17

Quant Time: May 17 08:44:47 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	384089	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	397081	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	150972	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	143797	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.68	69	121521	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.27	63	207475	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.40%
20) 2-Butanone-d5	4.20	46	273860	43.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.24%
24) Chloroform-d	4.64	84	258113	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.31	65	128781	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	5.33	84	540353	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.33	67	156742	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.56	98	448005	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	7.85	79	50781	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	8.31	63	238170	41.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	125923	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	157641	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

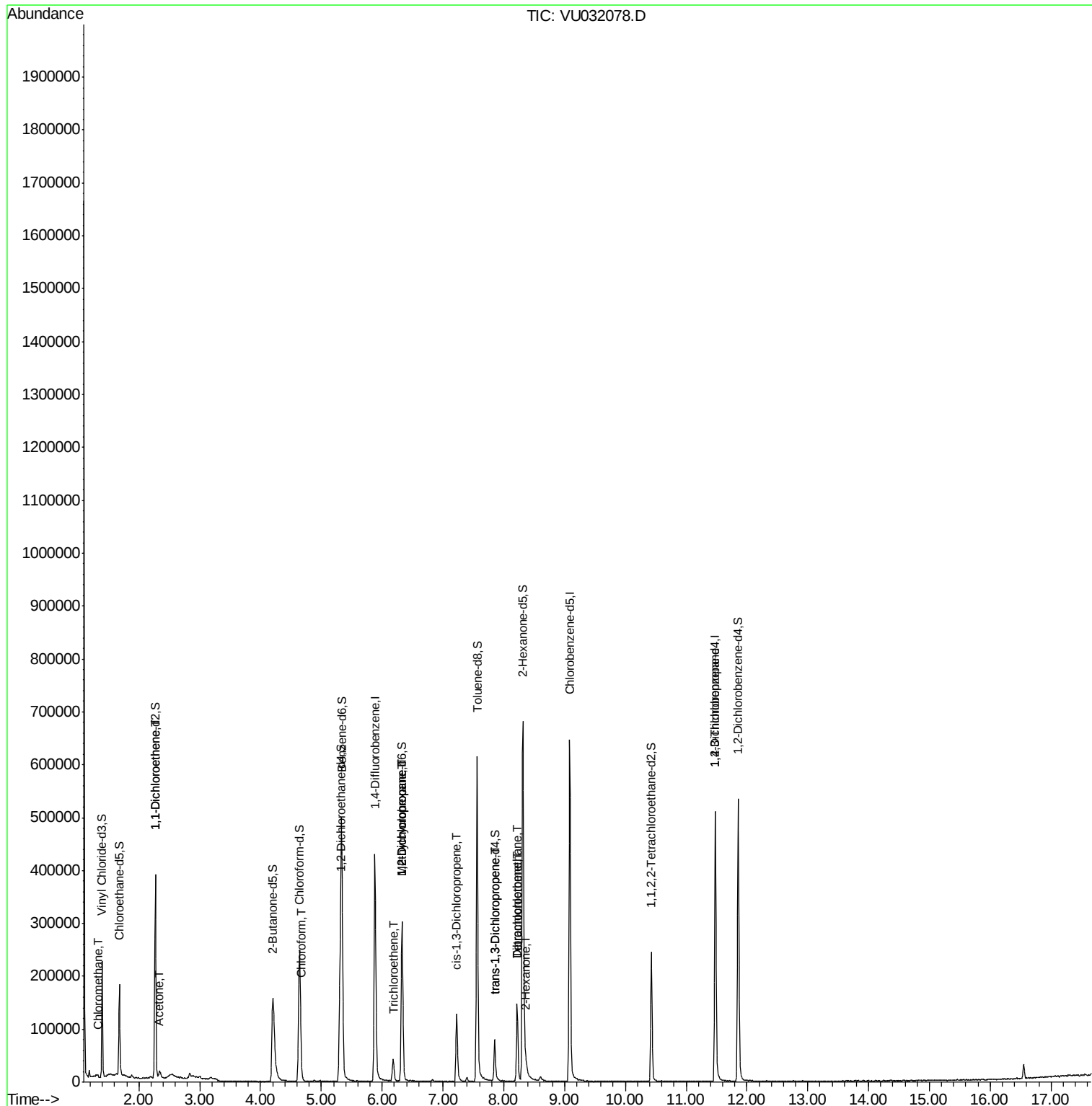
					Qvalue
3) Chloromethane	1.33	50	3503	0.190 ug/L	92
12) 1,1-Dichloroethene	2.27	96	1975	0.128 ug/L #	1
13) Acetone	2.34	43	11109	5.327 ug/L	91
25) Chloroform	4.67	83	6500	0.232 ug/L	91
34) Trichloroethene	6.18	95	15437	0.933 ug/L	93
35) Methylcyclohexane	6.32	83	39830	1.672 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	15758	1.057 ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	3289	0.160 ug/L #	72
44) trans-1,3-Dichloropropene	7.85	75	2617	0.163 ug/L #	81
47) Tetrachloroethene	8.22	164	35943	2.907 ug/L	86
48) 2-Hexanone	8.37	43	14295	2.667 ug/L #	76
49) Dibromochloromethane	8.22	129	32108	2.530 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	15970	1.687 ug/L	96

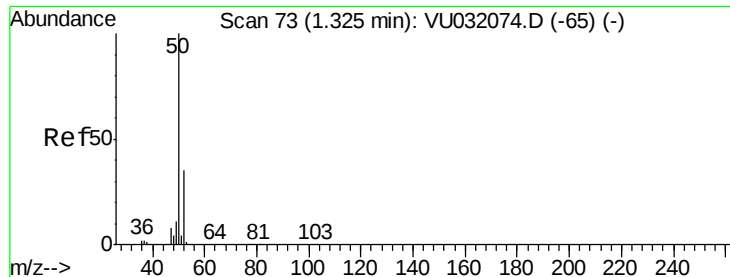
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.190 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU032078.D

Acq: 17 May 2019 04:07

Instrument :

MSVOA_U

ClientSampleId :

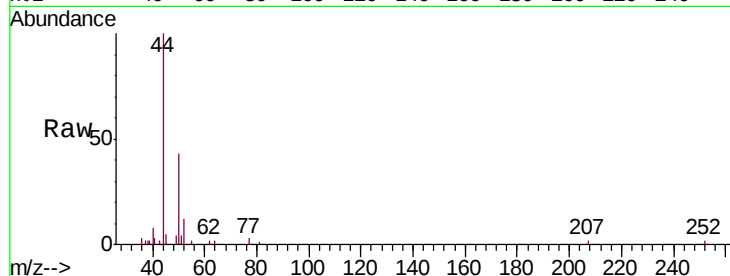
F9W17

Tgt Ion: 50 Resp: 3503

Ion Ratio Lower Upper

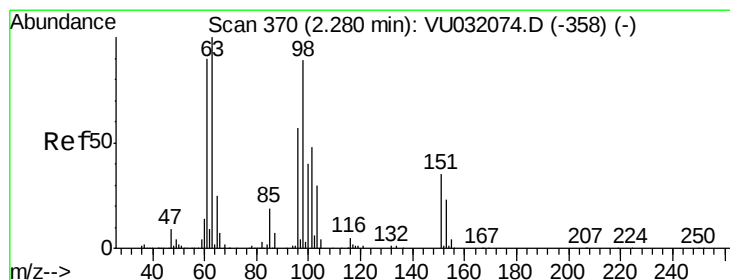
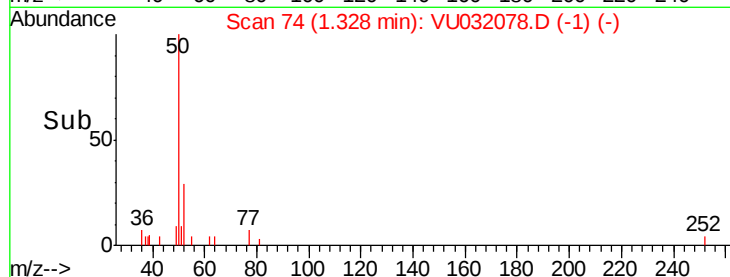
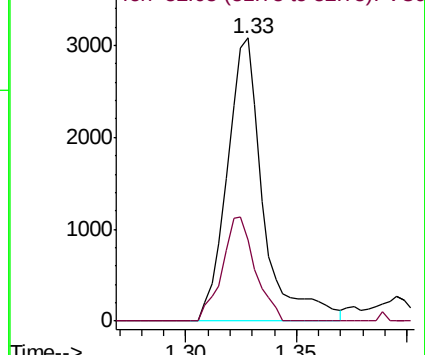
50 100

52 28.7 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: 0.128 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032078.D

Acq: 17 May 2019 04:07

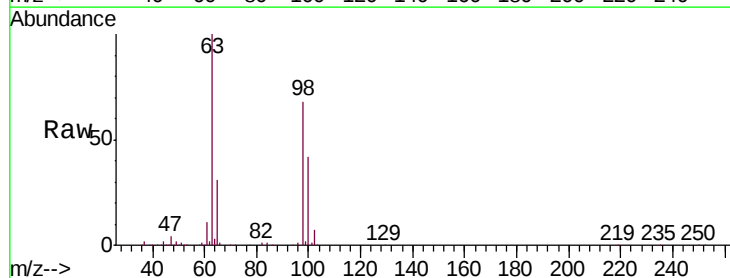
Tgt Ion: 96 Resp: 1975

Ion Ratio Lower Upper

96 100

61 970.6 111.7 207.5#

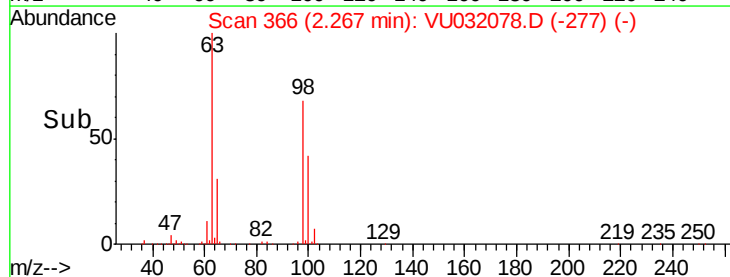
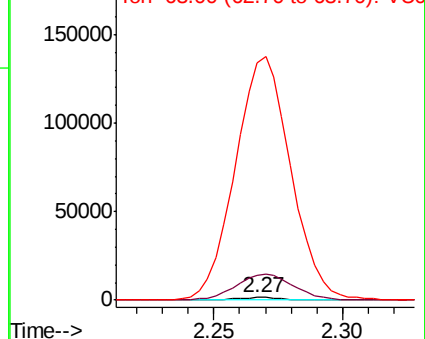
63 9211.3 152.2 282.6#

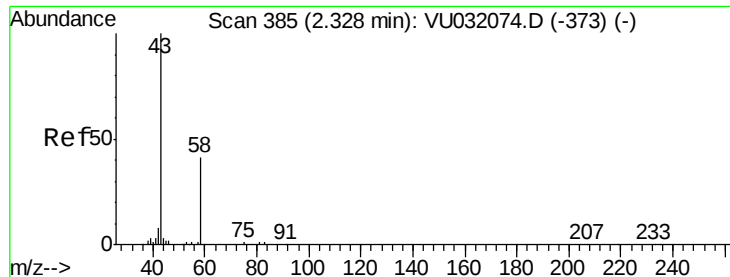


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 5.327 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.01 min

Lab File: VU032078.D

Acq: 17 May 2019 04:07

Instrument :

MSVOA_U

ClientSampled :

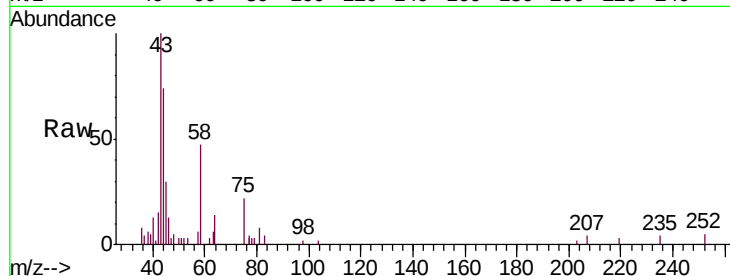
F9W17

Tgt Ion: 43 Resp: 11109

Ion Ratio Lower Upper

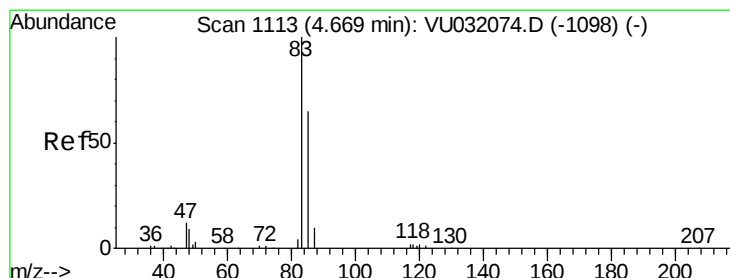
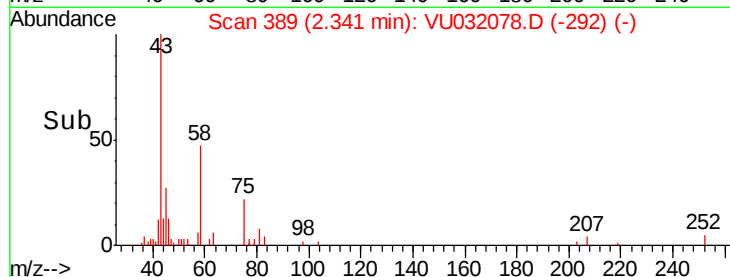
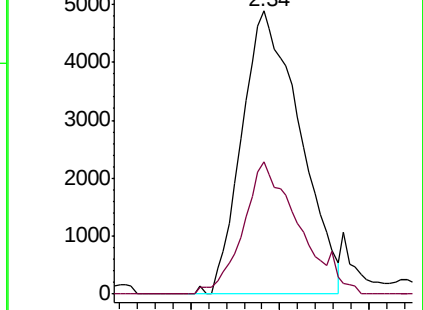
43 100

58 44.9 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU032078.D (-373) (-)

Ion 58.05 (57.75 to 58.75): VU032078.D (-373) (-)



#25

Chloroform

Concen: 0.232 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU032078.D

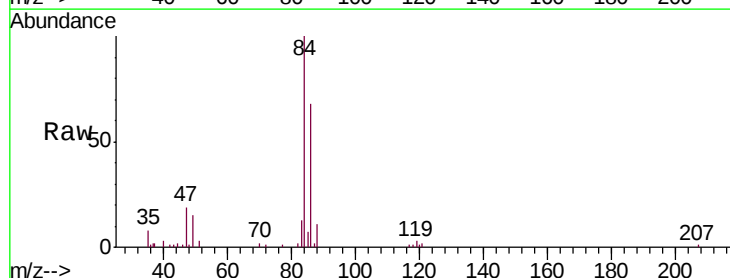
Acq: 17 May 2019 04:07

Tgt Ion: 83 Resp: 6500

Ion Ratio Lower Upper

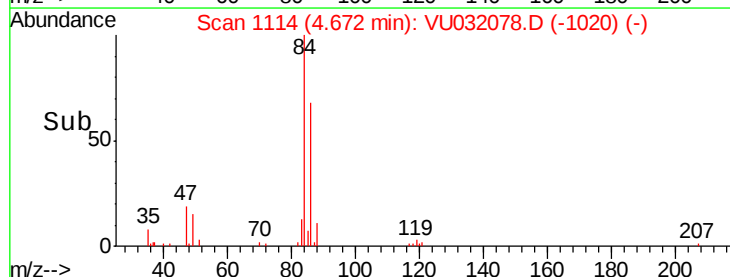
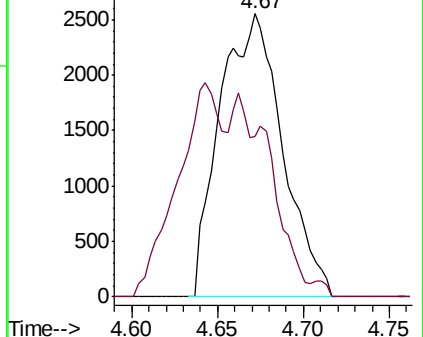
83 100

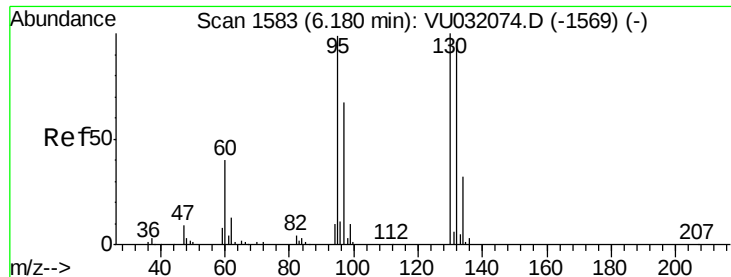
85 56.7 44.9 83.3



Abundance Ion 83.05 (82.75 to 83.75): VU032078.D (-1098) (-)

Ion 85.00 (84.70 to 85.70): VU032078.D (-1098) (-)





#34

Trichloroethene

Concen: 0.933 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU032078.D

Acq: 17 May 2019 04:07

Instrument :

MSVOA_U

ClientSampleId :

F9W17

Tgt Ion: 95 Resp: 15437

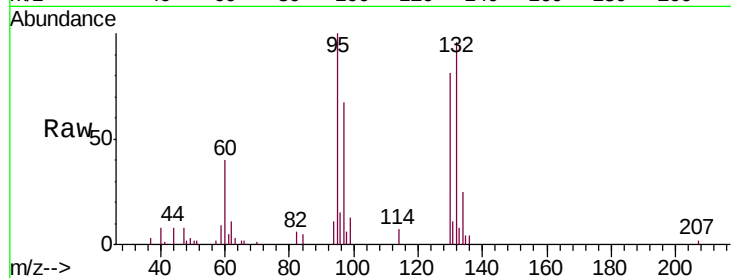
Ion Ratio Lower Upper

95 100

97 66.7 45.2 84.0

132 96.0 66.1 122.7

130 81.4 66.7 123.9

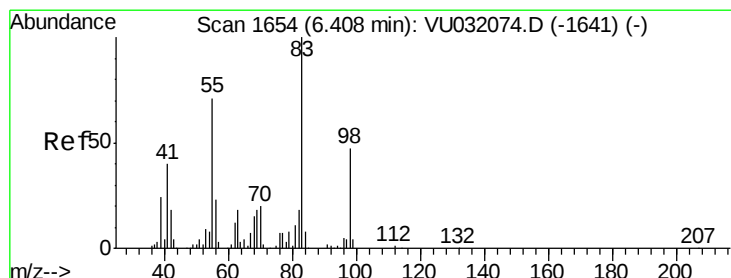
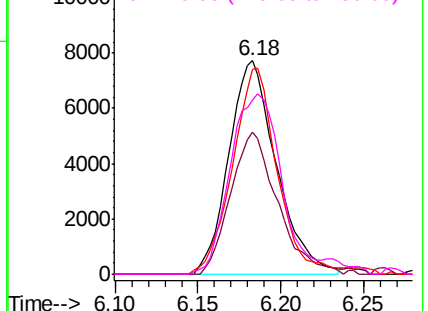
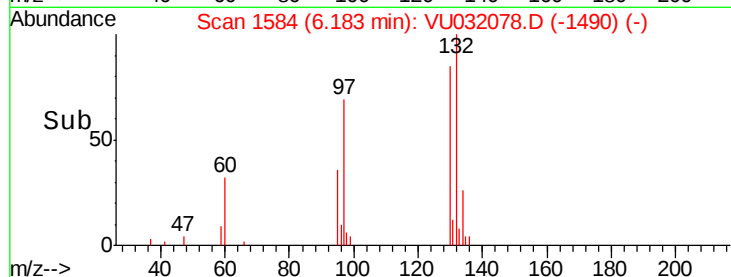


Abundance Ion 95.00 (94.70 to 95.70): VU032078.D (-1569) (-)

Ion 96.95 (96.65 to 97.65): VU032078.D (-1569) (-)

Ion 131.95 (131.65 to 132.65): VU032078.D (-1569) (-)

Ion 129.95 (129.65 to 130.65): VU032078.D (-1569) (-)



#35

Methylcyclohexane

Concen: 1.672 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032078.D

Acq: 17 May 2019 04:07

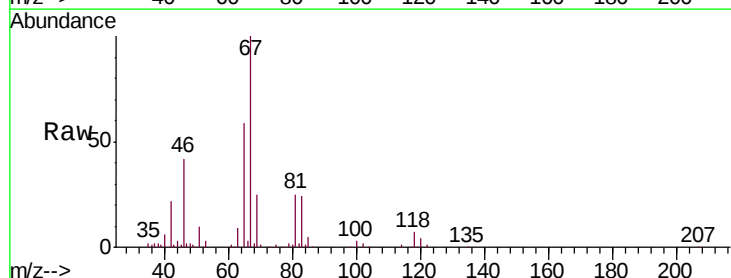
Tgt Ion: 83 Resp: 39830

Ion Ratio Lower Upper

83 100

55 0.2 59.7 89.5#

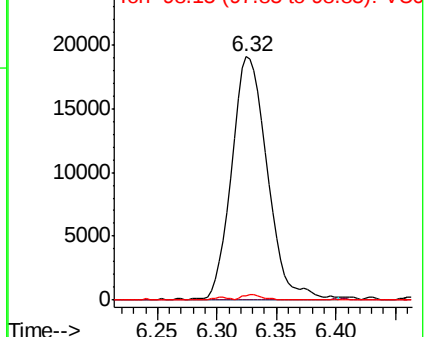
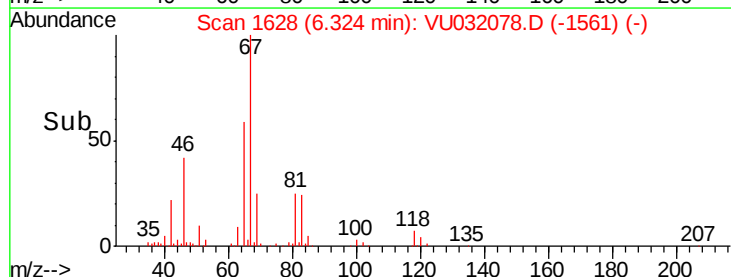
98 1.3 36.8 55.2#

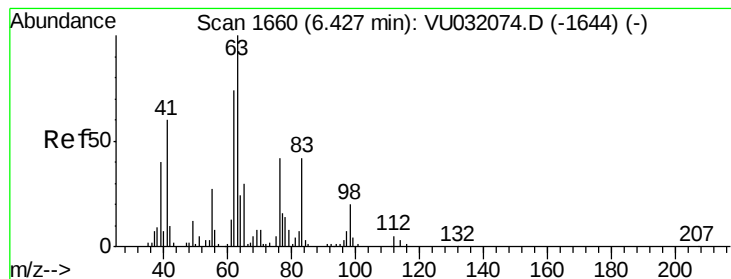


Abundance Ion 83.15 (82.85 to 83.85): VU032078.D (-1641) (-)

Ion 55.10 (54.80 to 55.80): VU032078.D (-1641) (-)

Ion 98.15 (97.85 to 98.85): VU032078.D (-1641) (-)





#37

1,2-Dichloropropane

Concen: 1.057 ug/L

RT: 6.33 min Scan# 1630

Delta R.T. -0.10 min

Lab File: VU032078.D

Acq: 17 May 2019 04:07

Instrument :

MSVOA_U

ClientSampleId :

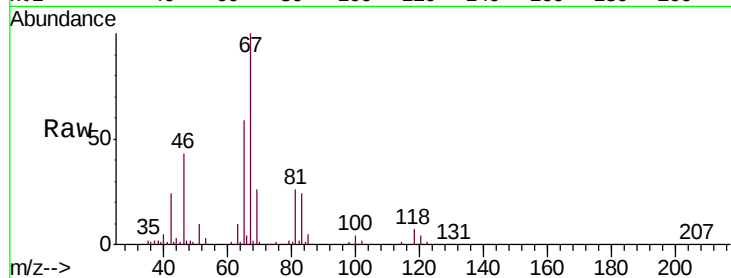
F9W17

Tgt Ion: 63 Resp: 15758

Ion Ratio Lower Upper

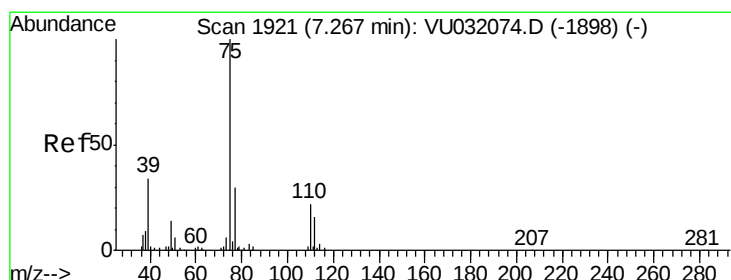
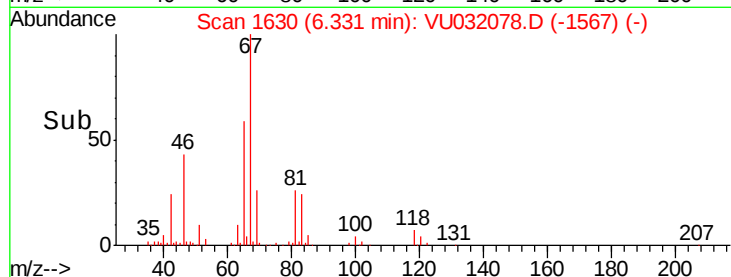
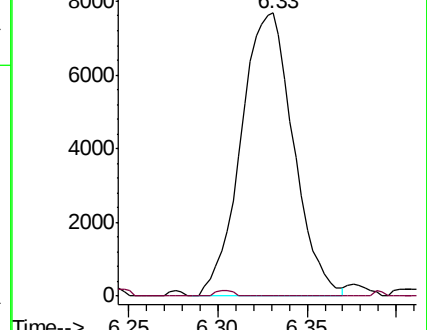
63 100

112 0.6 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VU032078.D (-1630) (-)

Ion 112.10 (111.80 to 112.80): VU032078.D (-1630) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.160 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU032078.D

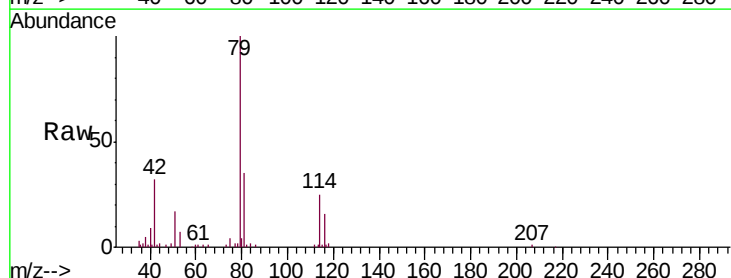
Acq: 17 May 2019 04:07

Tgt Ion: 75 Resp: 3289

Ion Ratio Lower Upper

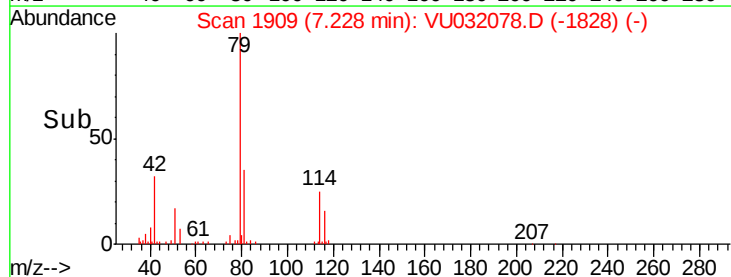
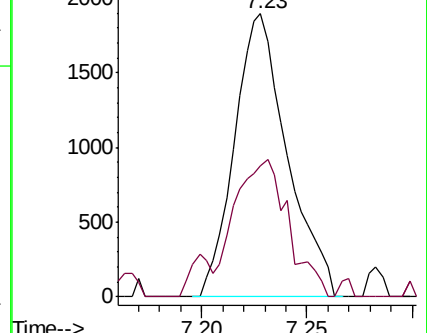
75 100

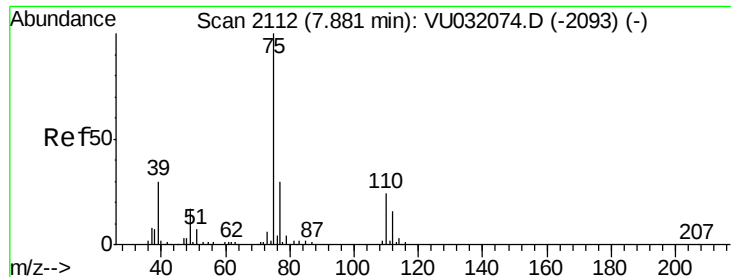
77 46.4 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VU032078.D (-1898) (-)

Ion 77.05 (76.75 to 77.75): VU032078.D (-1898) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.163 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU032078.D

Acq: 17 May 2019 04:07

Instrument :

MSVOA_U

ClientSampleId :

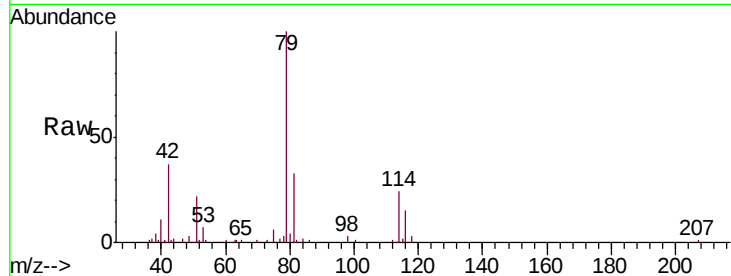
F9W17

Tgt Ion: 75 Resp: 2617

Ion Ratio Lower Upper

75 100

77 40.5 21.0 39.0#



Abundance Ion 75.05 (74.75 to 75.75): VU032078.D (-2102) (-)

Ion 77.05 (76.75 to 77.75): VU032078.D (-2102) (-)

7.85

1500

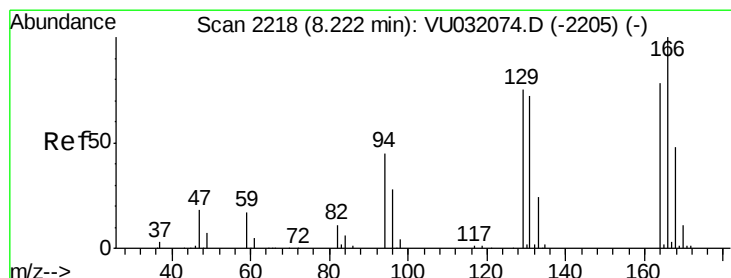
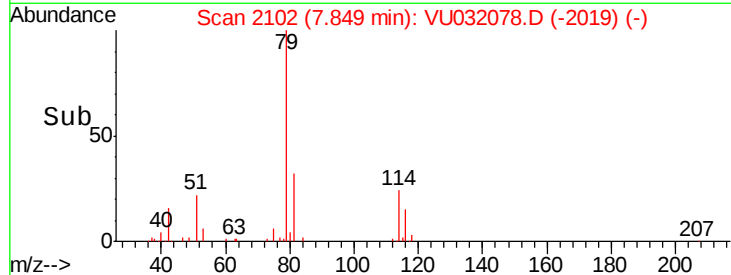
1000

500

0

7.80 7.85 7.90

Time-->



#47

Tetrachloroethene

Concen: 2.907 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU032078.D

Acq: 17 May 2019 04:07

Tgt Ion: 164 Resp: 35943

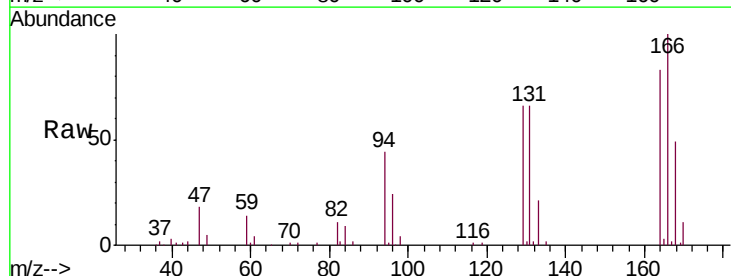
Ion Ratio Lower Upper

164 100

129 79.9 70.3 130.5

131 80.0 64.5 119.9

166 120.5 92.3 171.5



Abundance Ion 163.90 (163.60 to 164.60): VU032078.D (-2218) (-)

Ion 128.95 (128.65 to 129.65): VU032078.D (-2218) (-)

Ion 130.95 (130.65 to 131.65): VU032078.D (-2218) (-)

Ion 165.90 (165.60 to 166.60): VU032078.D (-2218) (-)

8.22

40000

30000

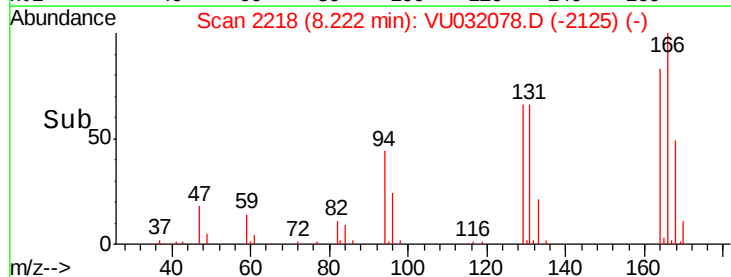
20000

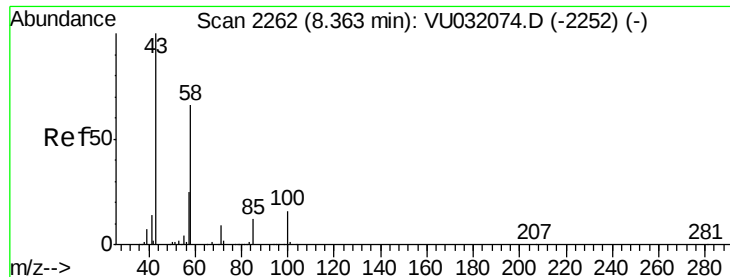
10000

0

8.15 8.20 8.25 8.30

Time-->

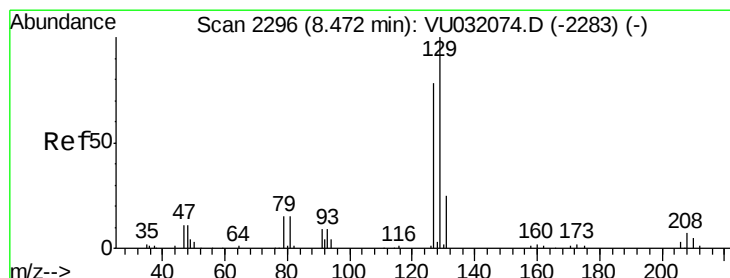
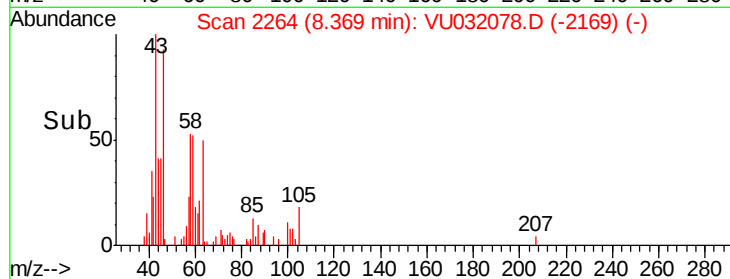
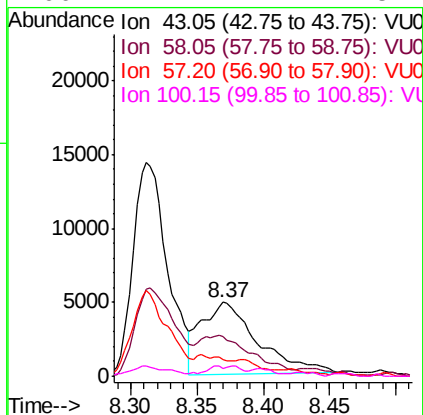
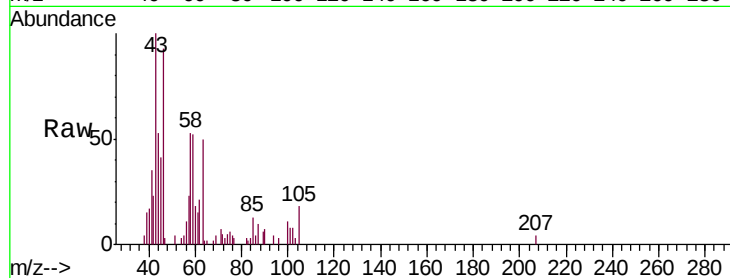




#48
2-Hexanone
Concen: 2.667 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU032078.D
Acq: 17 May 2019 04:07

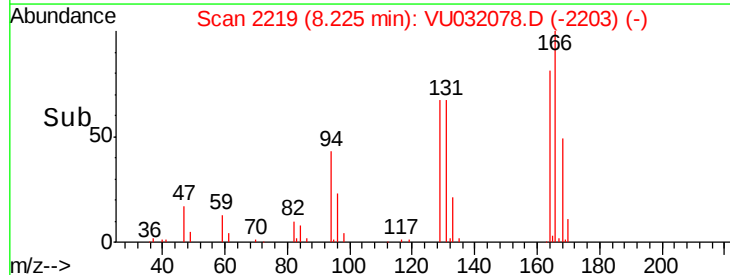
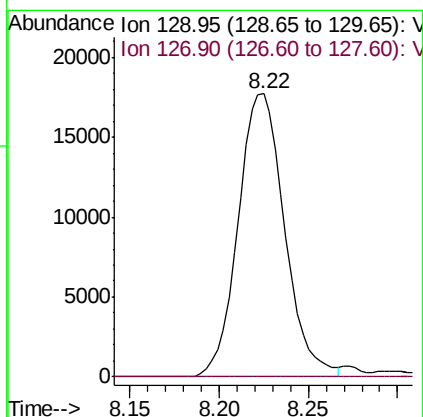
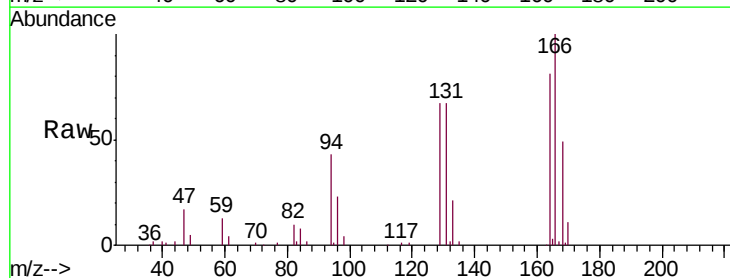
Instrument :
MSVOA_U
ClientSampleId :
F9W17

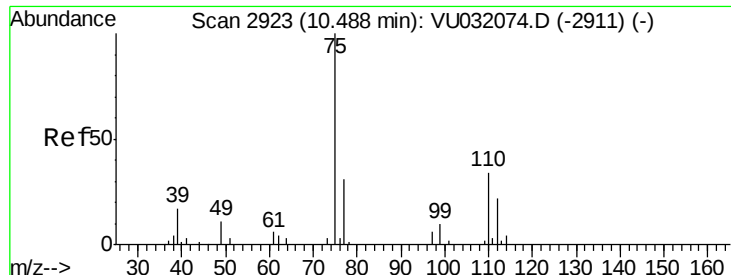
Tgt Ion:	43	Resp:	14295
Ion	Ratio	Lower	Upper
43	100		
58	52.1	51.6	77.4
57	0.0	18.4	27.6#
100	4.7	12.2	18.4#



#49
Dibromochloromethane
Concen: 2.530 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU032078.D
Acq: 17 May 2019 04:07

Tgt Ion:	129	Resp:	32108
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.2	102.6#





#59

1,2,3-Trichloropropane

Concen: 1.687 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032078.D

Acq: 17 May 2019 04:07

Instrument :

MSVOA_U

ClientSampleId :

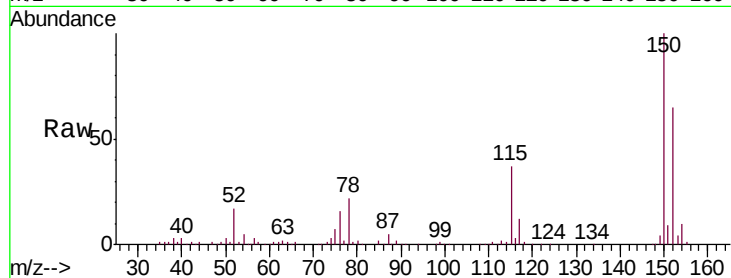
F9W17

Tgt Ion: 75 Resp: 15970

Ion Ratio Lower Upper

75 100

77 34.8 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

