

Data File : VU032064.D
Acq On : 16 May 2019 21:29
Operator : JC/SP
Sample : K2850-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W06

Quant Time: May 17 07:23:23 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	444513	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	408974	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	157104	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	154588	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.68	69	133306	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	2.27	63	218424	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	4.20	46	282681	38.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.90%
24) Chloroform-d	4.64	84	265863	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
26) 1,2-Dichloroethane-d4	5.31	65	135840	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
32) Benzene-d6	5.33	84	560141	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.33	67	162873	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.56	98	471188	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	7.85	79	54036	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.32	63	247390	41.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	132260	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	159563	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

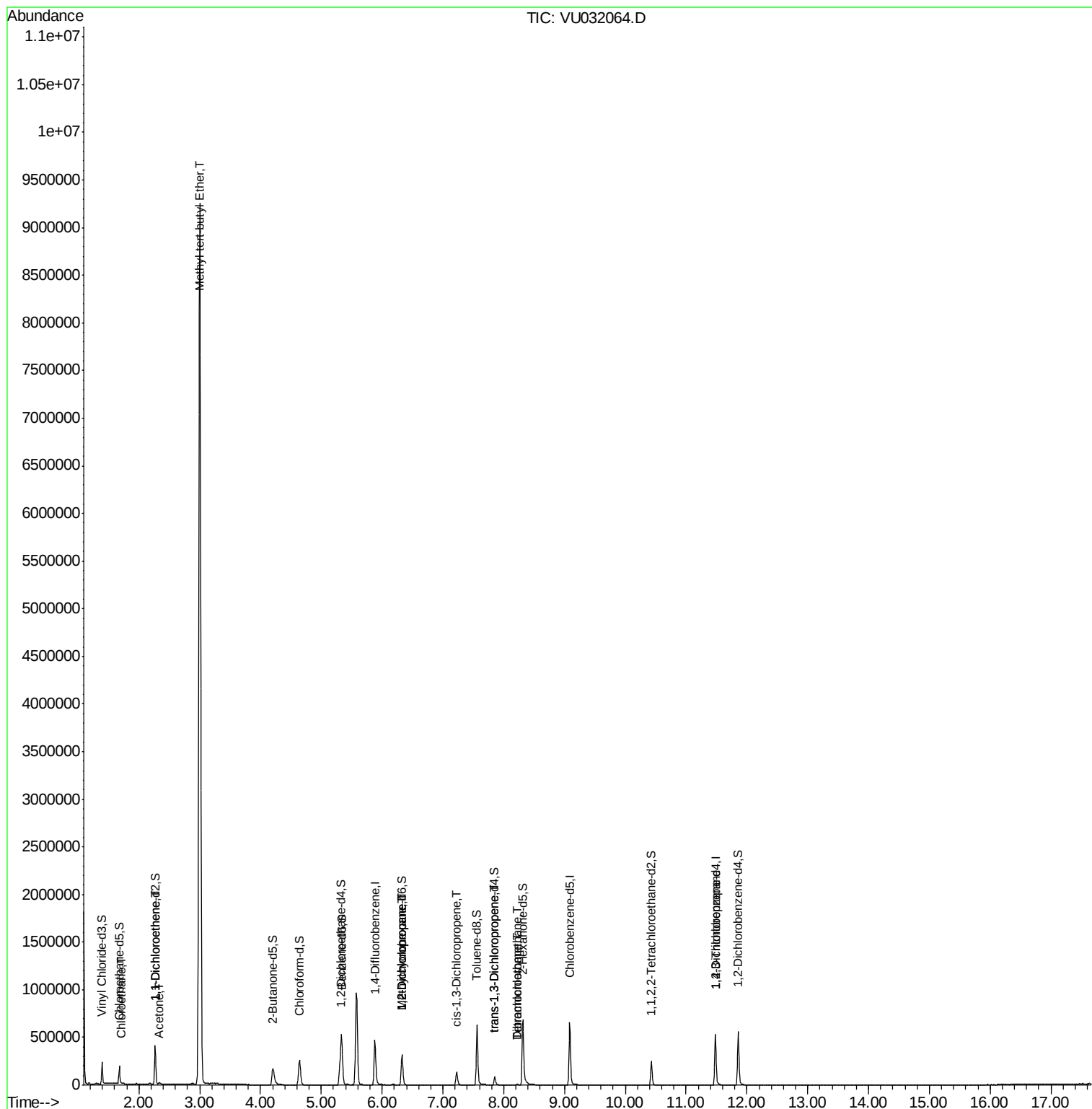
					Qvalue
8) Chloroethane	1.71	64	1714	0.123 ug/L #	57
12) 1,1-Dichloroethene	2.27	96	2208	0.124 ug/L #	1
13) Acetone	2.34	43	14245	5.903 ug/L	92
17) Methyl tert-butyl Ether	3.00	73	10845834	258.434 ug/L	97
35) Methylcyclohexane	6.32	83	39096	1.594 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	16747	1.091 ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	3286	0.155 ug/L #	36
44) trans-1,3-Dichloropropene	7.85	75	1897	0.115 ug/L #	23
47) Tetrachloroethene	8.22	164	2511	0.197 ug/L #	81
49) Dibromochloromethane	8.23	129	1999	0.153 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	17499	1.794 ug/L	89

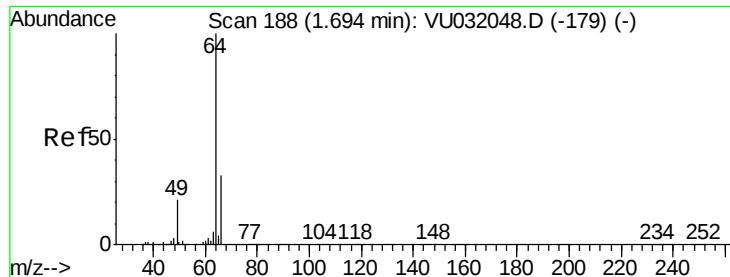
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.123 ug/L

RT: 1.71 min Scan# 193

Delta R.T. 0.02 min

Lab File: VU032064.D

Acq: 16 May 2019 21:29

Instrument :

MSVOA_U

ClientSampleId :

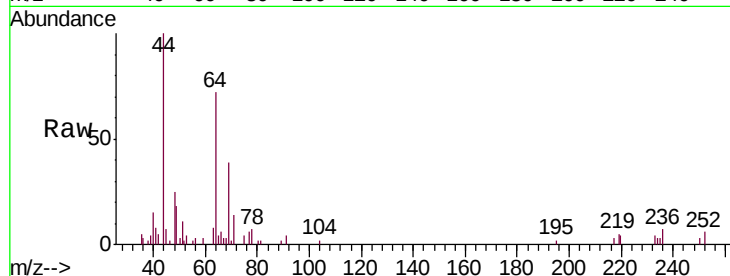
F9W06

Tgt Ion: 64 Resp: 1714

Ion Ratio Lower Upper

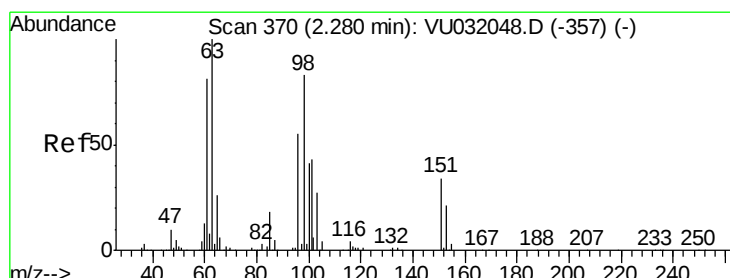
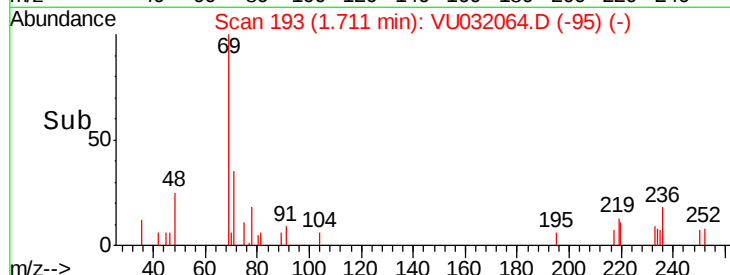
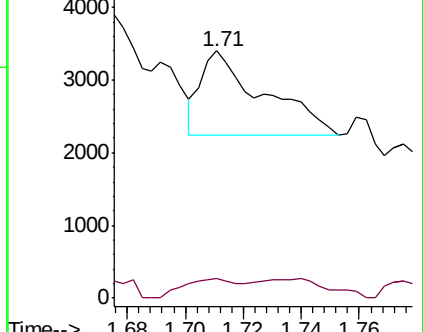
64 100

66 7.9 22.0 41.0#



Abundance Ion 64.10 (63.80 to 64.80): VU032064.D (-193) (-)

Ion 66.05 (65.75 to 66.75): VU032064.D (-193) (-)



#12

1,1-Dichloroethene

Concen: 0.124 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032064.D

Acq: 16 May 2019 21:29

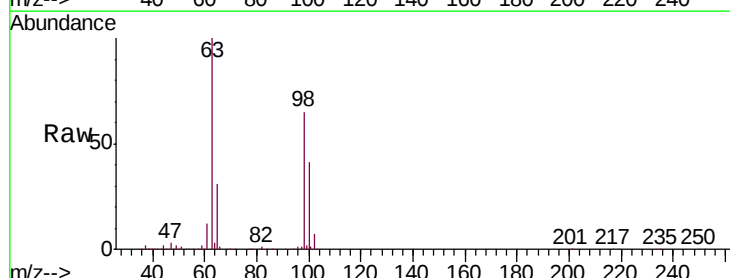
Tgt Ion: 96 Resp: 2208

Ion Ratio Lower Upper

96 100

61 1175.7 111.7 207.5#

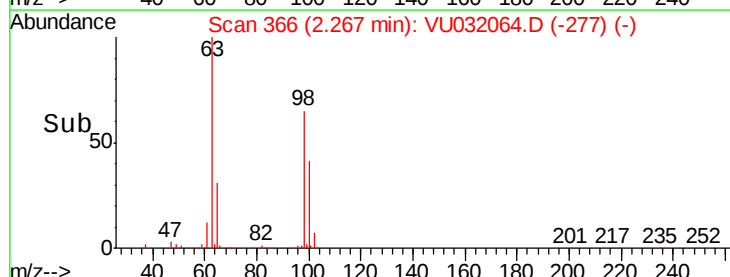
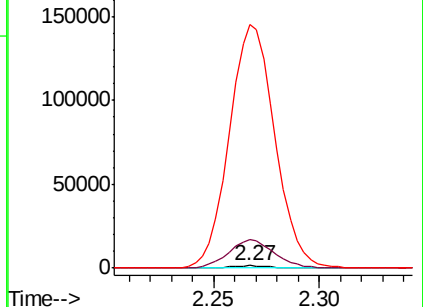
63 10138.2 152.2 282.6#

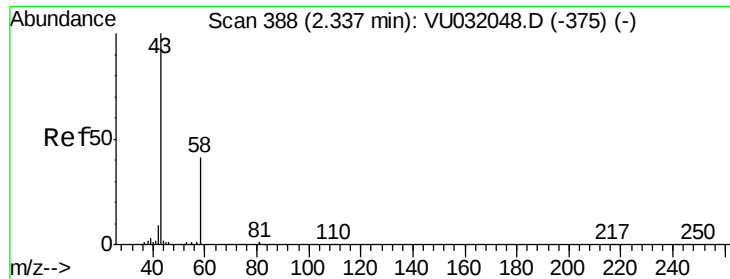


Abundance Ion 96.00 (95.70 to 96.70): VU032064.D (-366) (-)

Ion 61.05 (60.75 to 61.75): VU032064.D (-366) (-)

Ion 63.00 (62.70 to 63.70): VU032064.D (-366) (-)





#13

Acetone

Concen: 5.903 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.00 min

Lab File: VU032064.D

Acq: 16 May 2019 21:29

Instrument :

MSVOA_U

ClientSampleId :

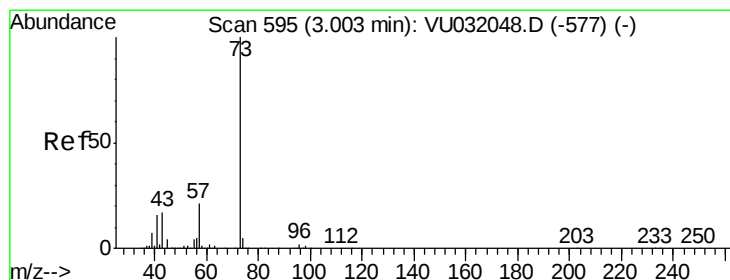
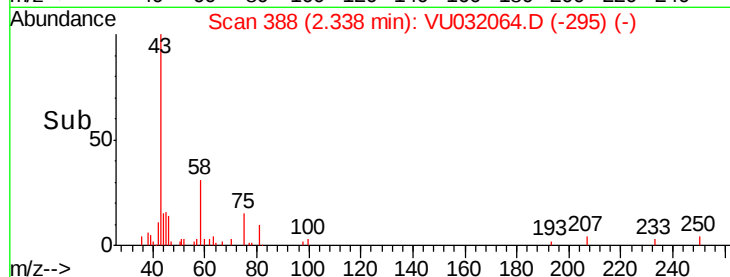
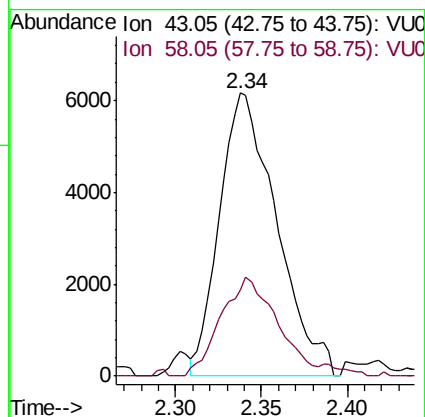
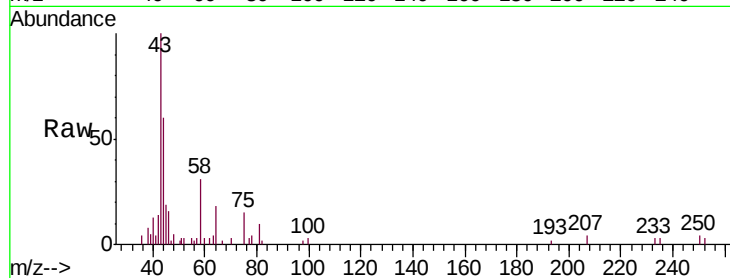
F9W06

Tgt Ion: 43 Resp: 14245

Ion Ratio Lower Upper

43 100

58 34.4 0.0 78.8



#17

Methyl tert-butyl Ether

Concen: 258.434 ug/L

RT: 3.00 min Scan# 594

Delta R.T. -0.00 min

Lab File: VU032064.D

Acq: 16 May 2019 21:29

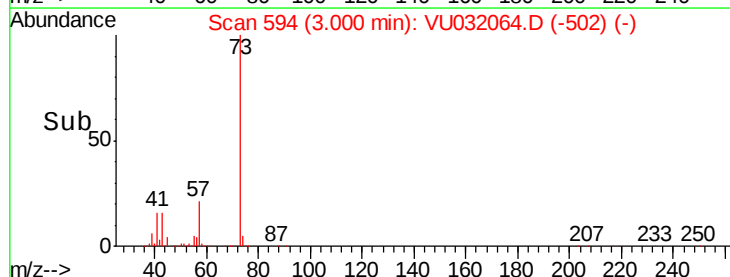
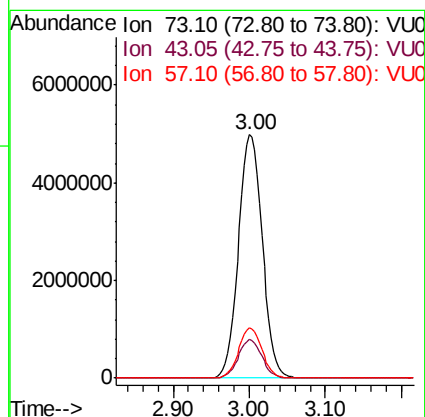
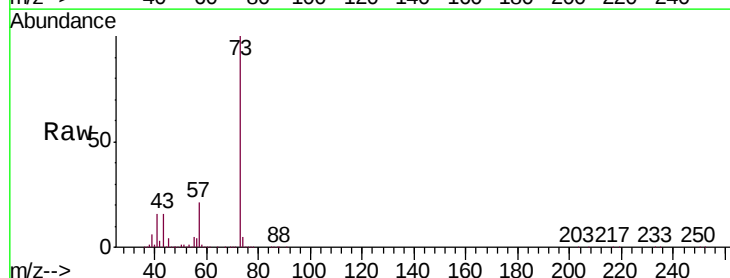
Tgt Ion: 73 Resp: 10845834

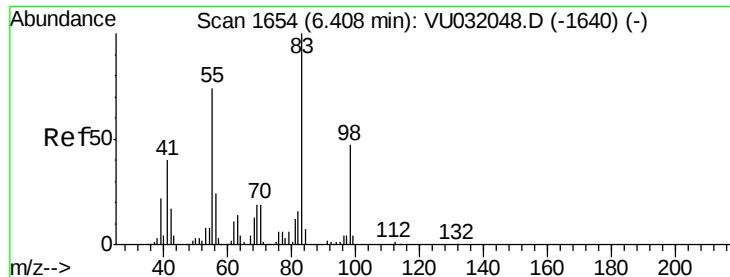
Ion Ratio Lower Upper

73 100

43 15.6 13.0 19.6

57 20.4 17.9 26.9

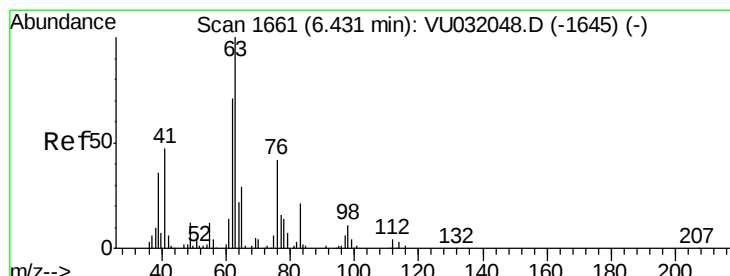
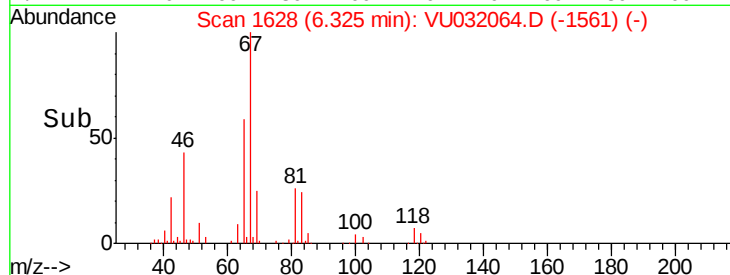
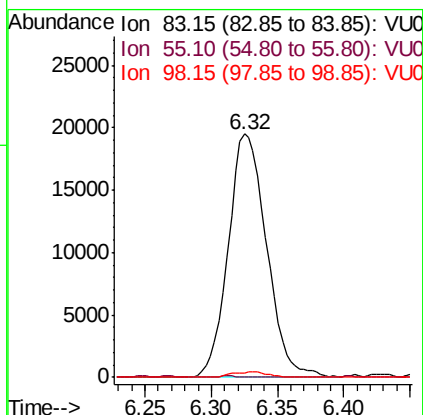
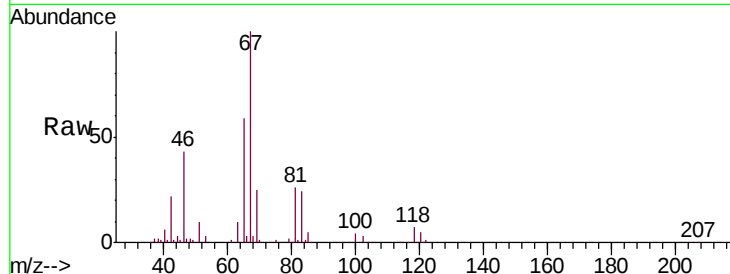




#35
Methylcyclohexane
Concen: 1.594 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032064.D
Acq: 16 May 2019 21:29

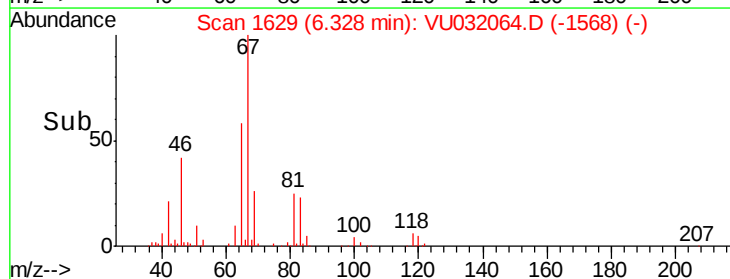
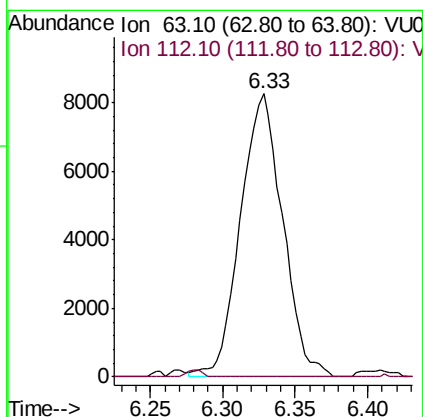
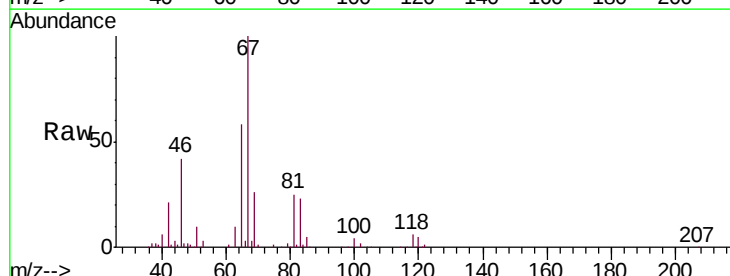
Instrument :
MSVOA_U
ClientSampled :
F9W06

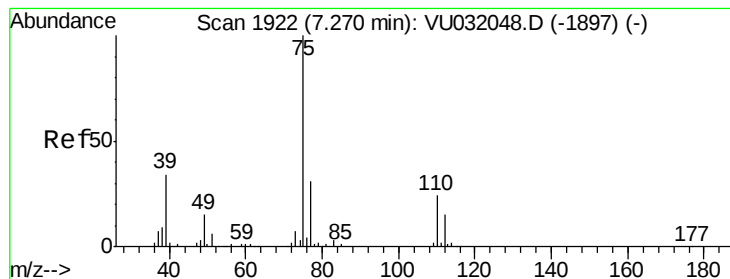
Tgt Ion: 83 Resp: 39096
Ion Ratio Lower Upper
83 100
55 0.1 59.7 89.5#
98 1.3 36.8 55.2#



#37
1,2-Dichloropropane
Concen: 1.091 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032064.D
Acq: 16 May 2019 21:29

Tgt Ion: 63 Resp: 16747
Ion Ratio Lower Upper
63 100
112 0.9 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.155 ug/L

RT: 7.23 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU032064.D

Acq: 16 May 2019 21:29

Instrument :

MSVOA_U

ClientSampleId :

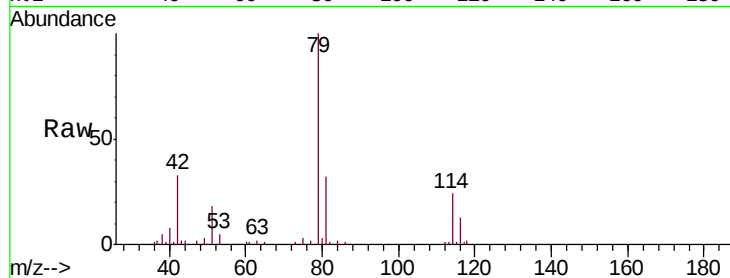
F9W06

Tgt Ion: 75 Resp: 3286

Ion Ratio Lower Upper

75 100

77 66.2 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VU032048.D (-1897) (-)

Ion 77.05 (76.75 to 77.75): VU032048.D (-1897) (-)

7.23

1500

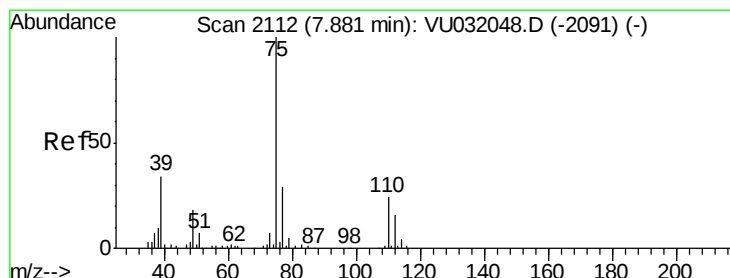
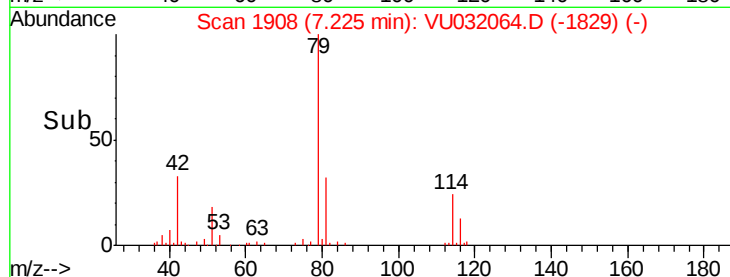
1000

500

0

7.20 7.25 7.30

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.115 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU032064.D

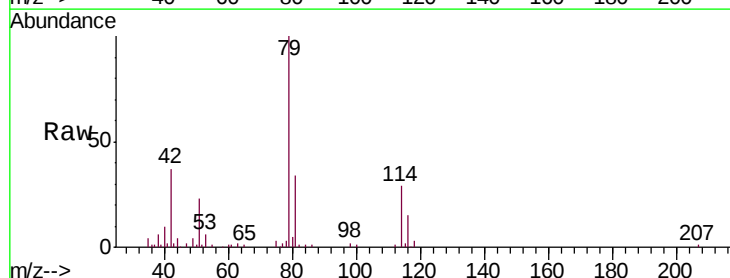
Acq: 16 May 2019 21:29

Tgt Ion: 75 Resp: 1897

Ion Ratio Lower Upper

75 100

77 71.5 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

1000

800

600

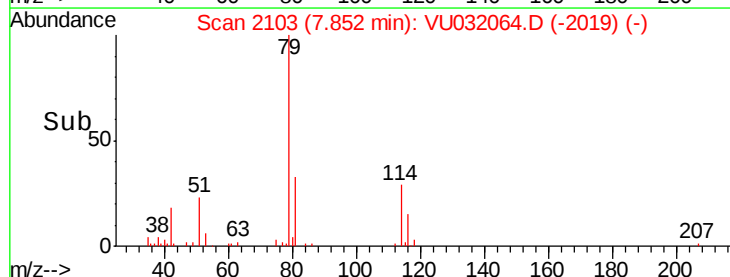
400

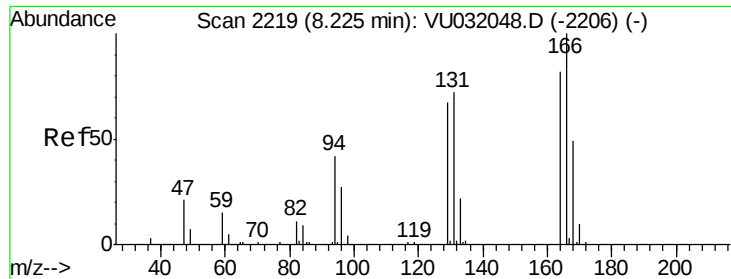
200

0

7.80 7.85 7.90

Time-->

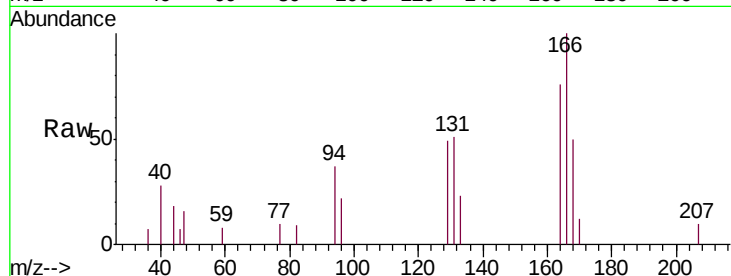




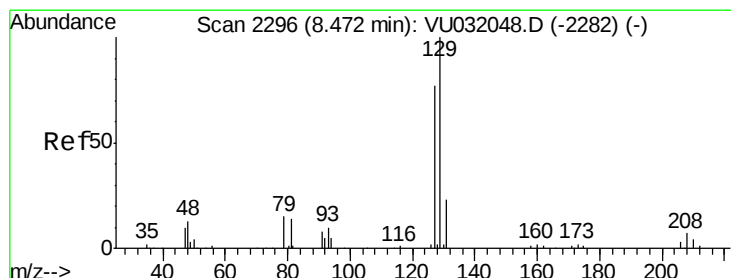
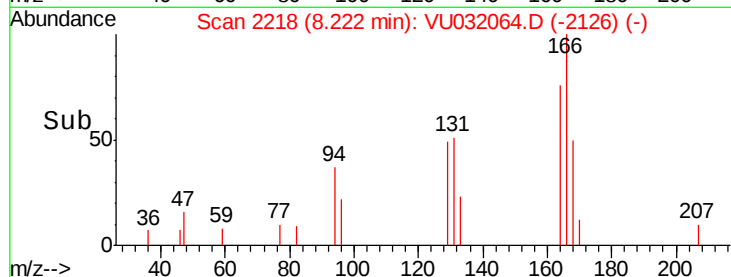
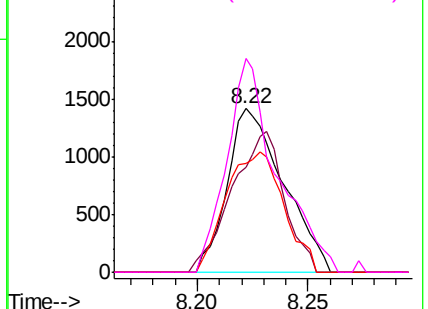
#47
Tetrachloroethene
Concen: 0.197 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU032064.D
Acq: 16 May 2019 21:29

Instrument :
MSVOA_U
ClientSampleId :
F9W06

Tgt Ion:164 Resp: 2511
Ion Ratio Lower Upper
164 100
129 64.2 70.3 130.5#
131 66.3 64.5 119.9
166 130.8 92.3 171.5

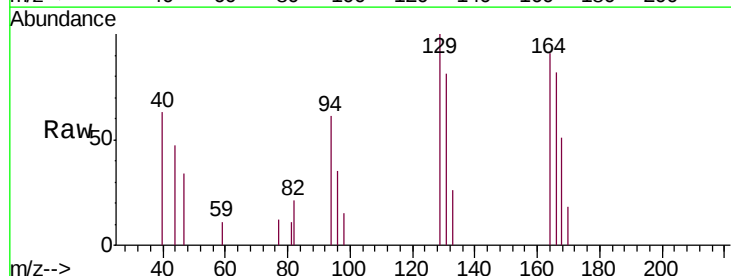


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

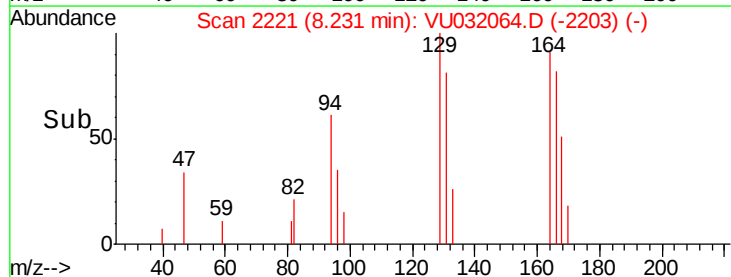
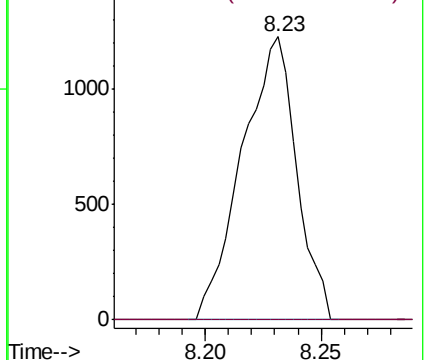


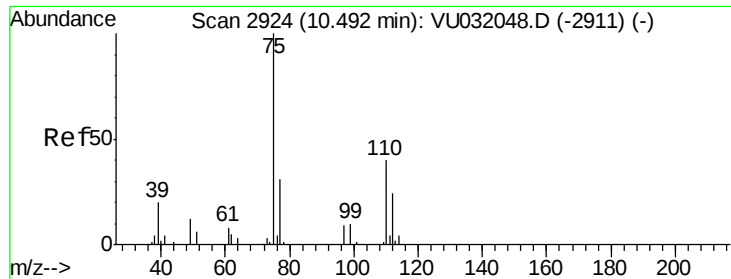
#49
Dibromochloromethane
Concen: 0.153 ug/L
RT: 8.23 min Scan# 2221
Delta R.T. -0.24 min
Lab File: VU032064.D
Acq: 16 May 2019 21:29

Tgt Ion:129 Resp: 1999
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





#59

1,2,3-Trichloropropane

Concen: 1.794 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032064.D

Acq: 16 May 2019 21:29

Instrument :

MSVOA_U

ClientSampleId :

F9W06

Tgt Ion: 75 Resp: 17499

Ion Ratio Lower Upper

75 100

77 39.0 26.2 39.2

