

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112320\
 Data File : VU041390.D
 Acq On : 23 Nov 2020 16:09
 Operator : SY/MD
 Sample : L4849-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4423

Quant Time: Nov 24 02:23:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 24 01:52:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	54520	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	57574	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24847	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	13982	3.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.00%
7) Chloroethane-d5	1.92	69	13692	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.57	63	25928	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.64	46	74725	76.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	153.10%#
24) Chloroform-d	5.08	84	44602	5.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.20%
26) 1,2-Dichloroethane-d4	5.72	65	27601	6.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.40%
32) Benzene-d6	5.74	84	73481	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.70	67	25701	5.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.60%
41) Toluene-d8	7.91	98	64926	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	8.19	79	10832	5.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.40%
46) 2-Hexanone-d5	8.64	63	53030	79.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	159.30%#
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23741	6.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	130.20%#
64) 1,2-Dichlorobenzene-d4	12.19	152	26710	6.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	129.00%#

Target Compounds

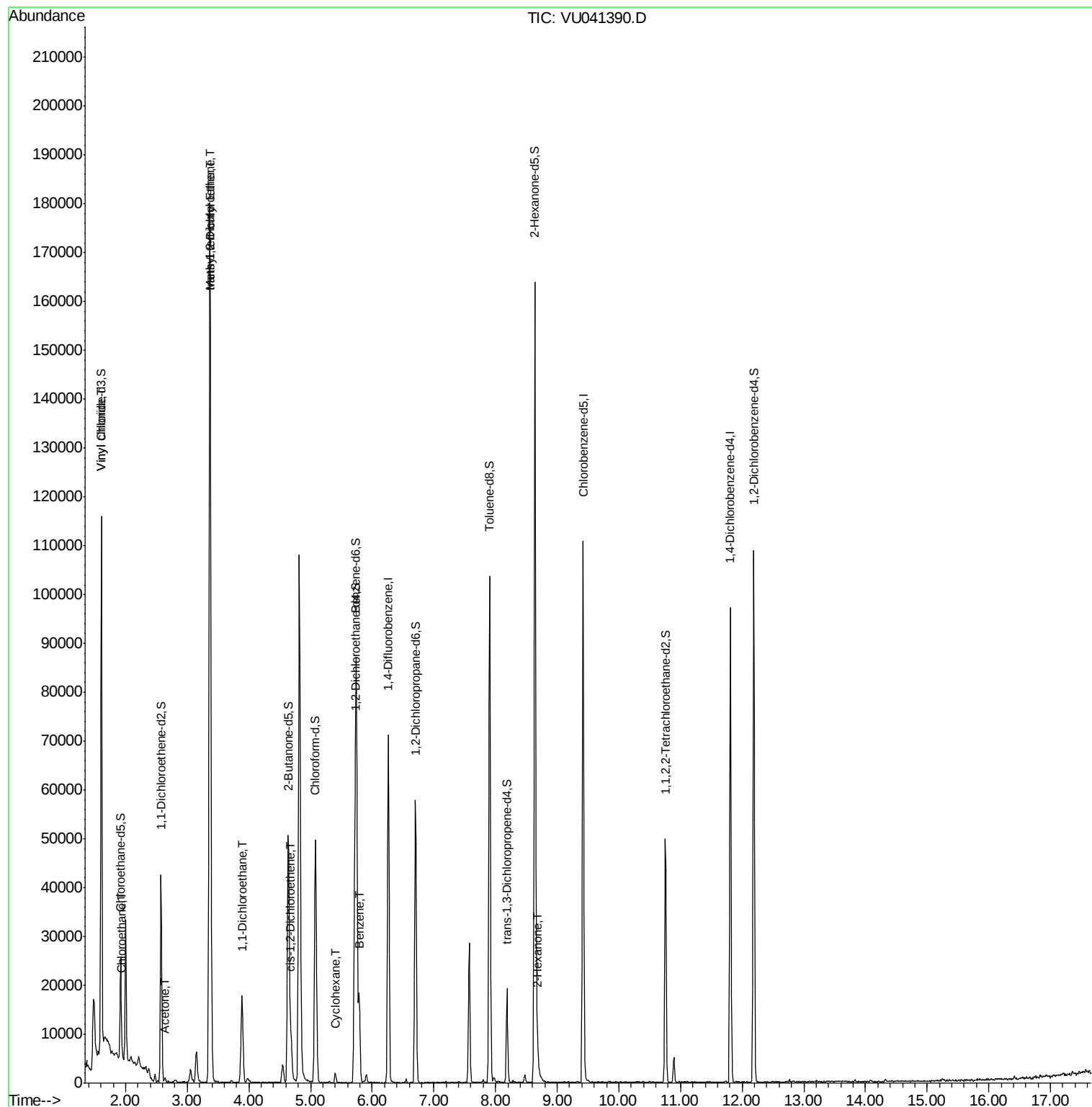
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	50082	10.512	ug/L	87
8) Chloroethane	1.94	64	1648	0.610	ug/L #	62
13) Acetone	2.64	43	1284	1.946	ug/L	88
17) Methyl tert-butyl Ether	3.38	73	18262	2.184	ug/L	94
18) trans-1,2-Dichloroethene	3.37	96	64628	17.750	ug/L	96
19) 1,1-Dichloroethane	3.89	63	20751	2.865	ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	3366	0.869	ug/L	91
30) Cyclohexane	5.40	56	993	0.162	ug/L #	87
33) Benzene	5.79	78	16053	1.040	ug/L	100
48) 2-Hexanone	8.69	43	1956	1.026	ug/L #	90

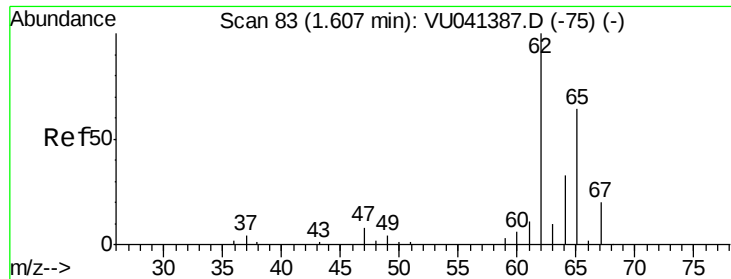
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112320\
Data File : VU041390.D
Acq On : 23 Nov 2020 16:09
Operator : SY/MD
Sample : L4849-16
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4423

Quant Time: Nov 24 02:23:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 24 01:52:19 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 10.512 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041390.D

Acq: 23 Nov 2020 16:09

Instrument :

MSVOA_U

ClientSampleId :

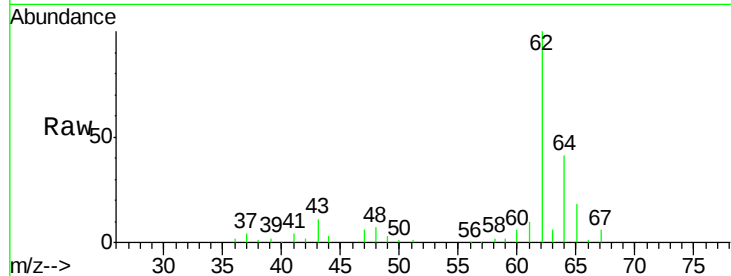
H4423

Tot Ion: 62 Resp: 50082

Ion Ratio Lower Upper

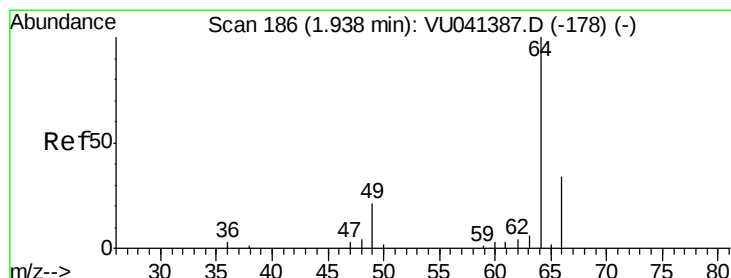
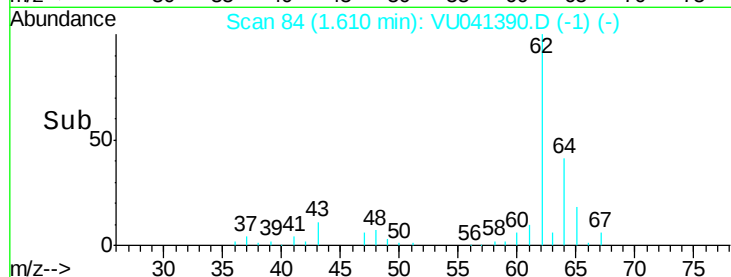
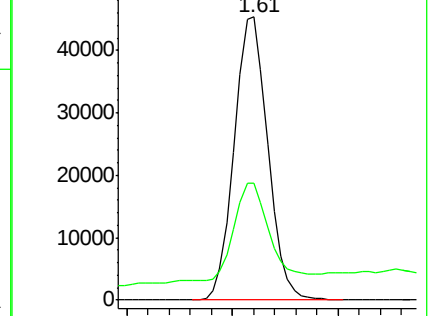
62 100

64 41.2 23.8 44.2



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#8

Chloroethane

Concen: 0.610 ug/L

RT: 1.94 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU041390.D

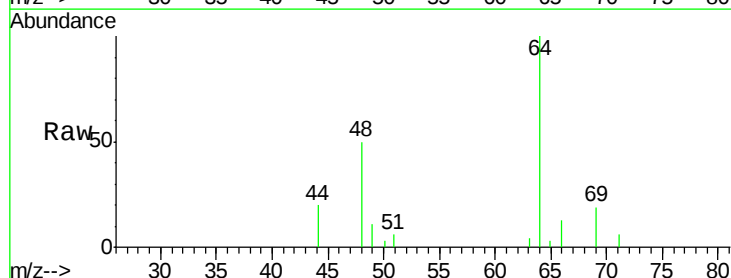
Acq: 23 Nov 2020 16:09

Tgt Ion: 64 Resp: 1648

Ion Ratio Lower Upper

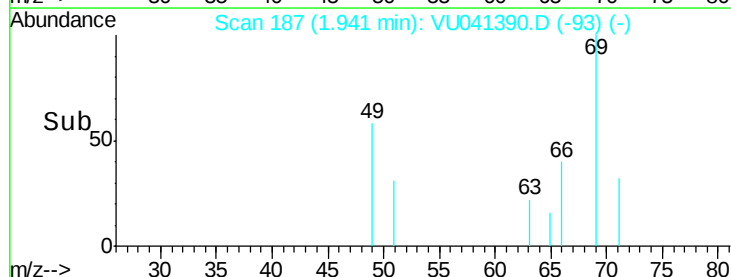
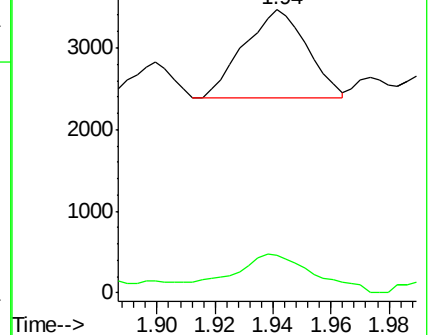
64 100

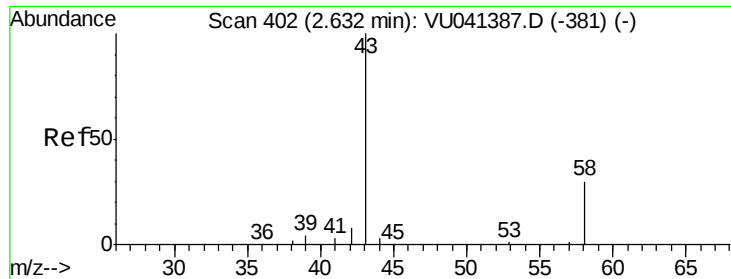
66 13.3 24.6 45.8#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#13

Acetone

Concen: 1.946 ug/L

RT: 2.64 min Scan# 404

Delta R.T. 0.01 min

Lab File: VU041390.D

Acq: 23 Nov 2020 16:09

Instrument :

MSVOA_U

ClientSampleId :

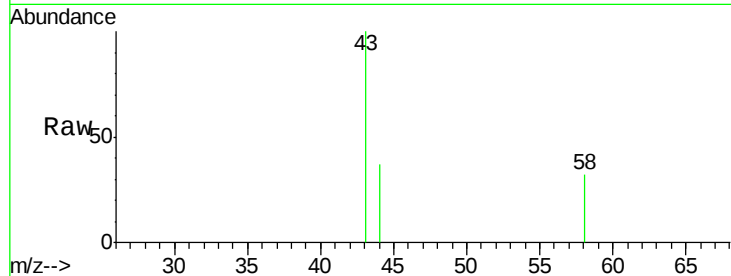
H4423

Tot Ion: 43 Resp: 1284

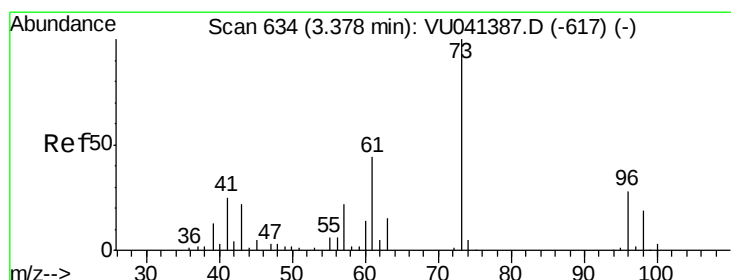
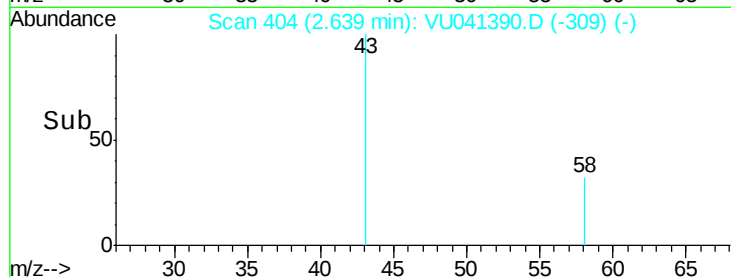
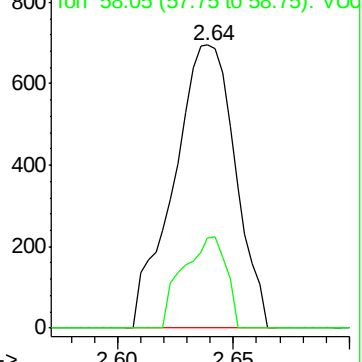
Ion Ratio Lower Upper

43 100

58 22.4 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VU041387.D (-381) (-)



#17

Methyl tert-butyl Ether

Concen: 2.184 ug/L

RT: 3.38 min Scan# 634

Delta R.T. 0.00 min

Lab File: VU041390.D

Acq: 23 Nov 2020 16:09

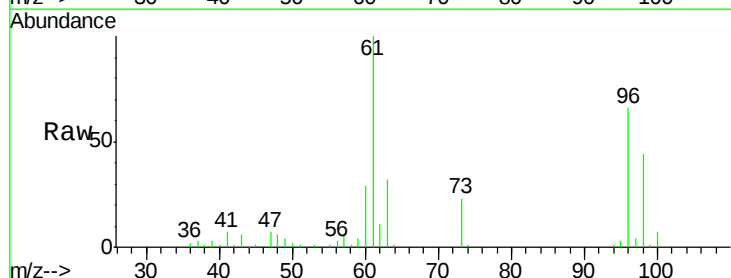
Tgt Ion: 73 Resp: 18262

Ion Ratio Lower Upper

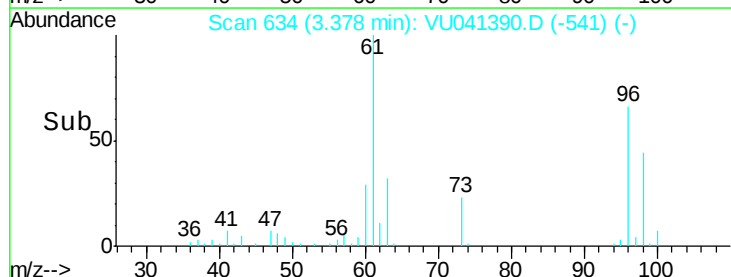
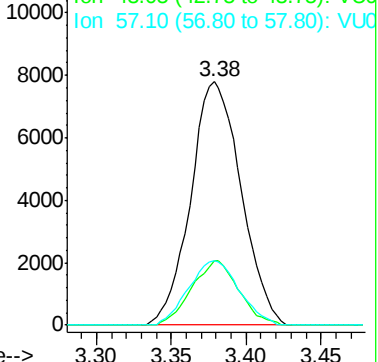
73 100

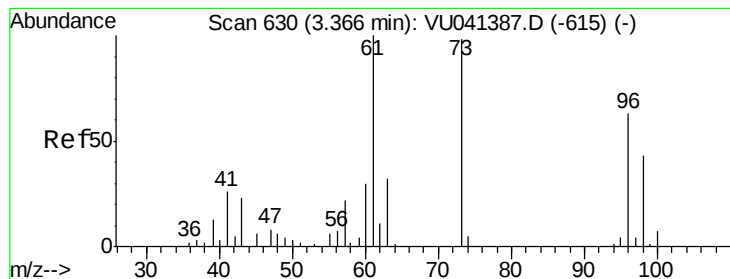
43 24.7 18.3 27.5

57 26.3 17.7 26.5



Abundance Ion 73.10 (72.80 to 73.80): VU041387.D (-617) (-)





#18

trans-1,2-Dichloroethene

Concen: 17.750 ug/L

RT: 3.37 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU041390.D

Acq: 23 Nov 2020 16:09

Instrument :

MSVOA_U

ClientSampleId :

H4423

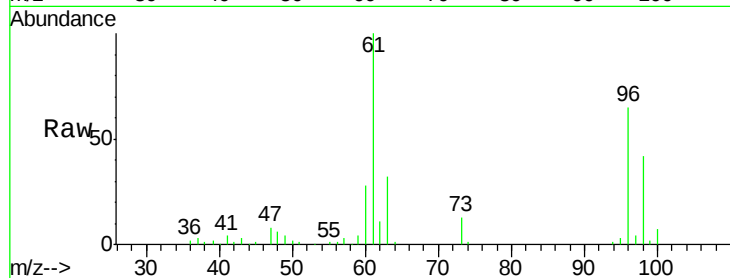
Tot Ion: 96 Resp: 64628

Ion Ratio Lower Upper

96 100

61 154.0 103.7 192.5

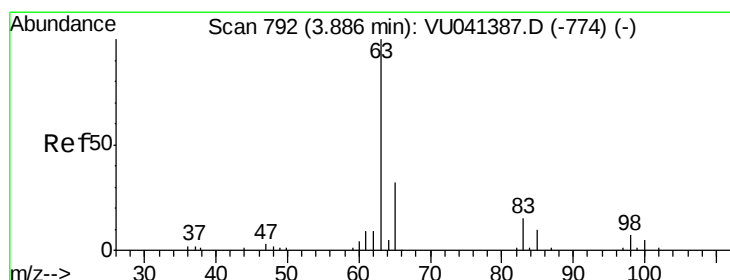
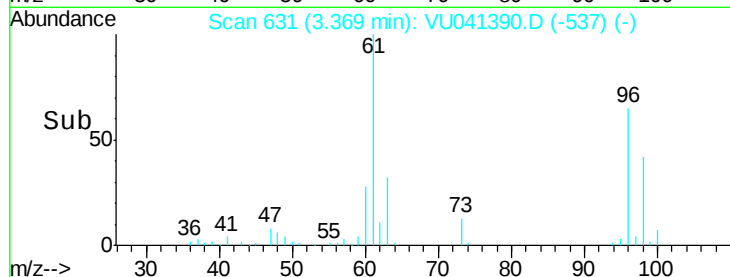
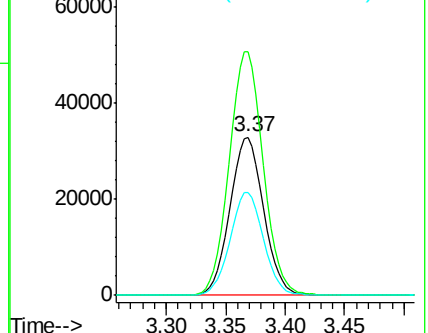
98 65.2 47.5 88.3



Abundance Ion 96.00 (95.70 to 96.70): VU041387.D (-615) (-)

Ion 61.05 (60.75 to 61.75): VU041387.D (-615) (-)

Ion 97.95 (97.65 to 98.65): VU041387.D (-615) (-)



#19

1,1-Dichloroethane

Concen: 2.865 ug/L

RT: 3.89 min Scan# 792

Delta R.T. 0.00 min

Lab File: VU041390.D

Acq: 23 Nov 2020 16:09

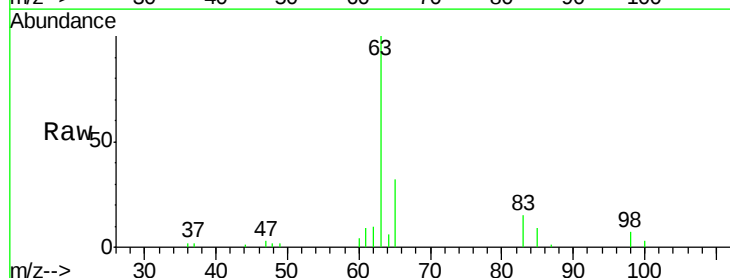
Tgt Ion: 63 Resp: 20751

Ion Ratio Lower Upper

63 100

65 32.2 23.0 42.8

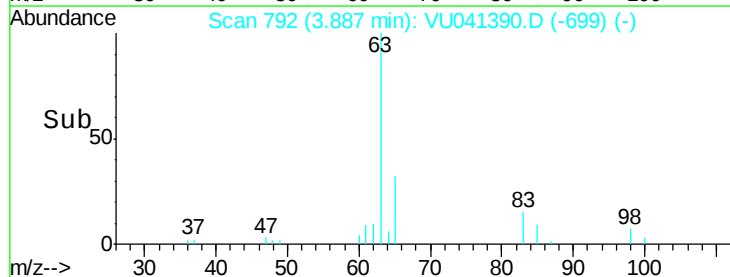
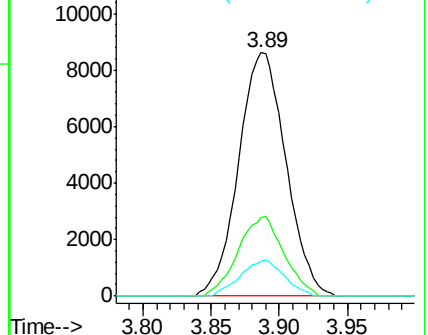
83 14.5 9.4 17.4

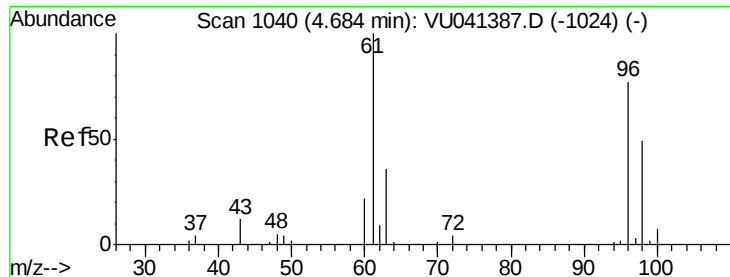


Abundance Ion 63.10 (62.80 to 63.80): VU041387.D (-774) (-)

Ion 65.10 (64.80 to 65.80): VU041387.D (-774) (-)

Ion 83.05 (82.75 to 83.75): VU041387.D (-774) (-)





#22

cis-1,2-Dichloroethene

Concen: 0.869 ug/L

RT: 4.68 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VU041390.D

Acq: 23 Nov 2020 16:09

Instrument :

MSVOA_U

ClientSampleId :

H4423

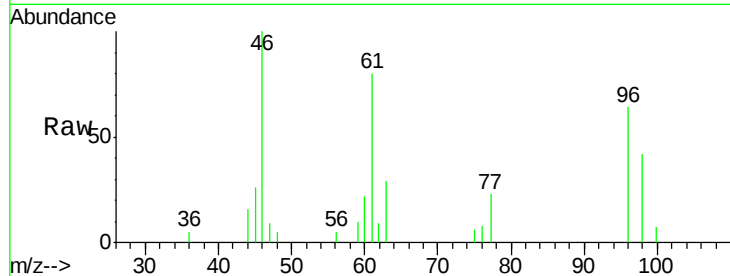
Tot Ion: 96 Resp: 3366

Ion Ratio Lower Upper

96 100

61 125.5 95.3 176.9

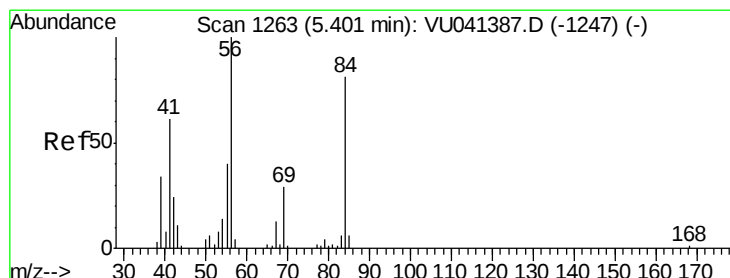
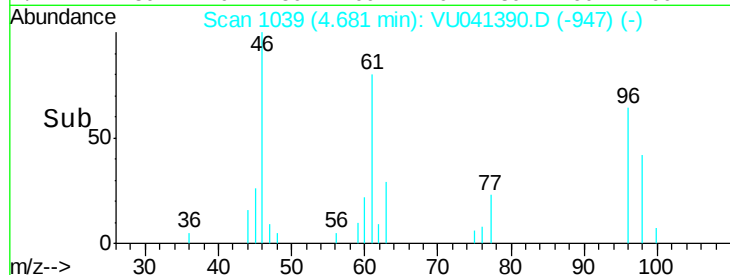
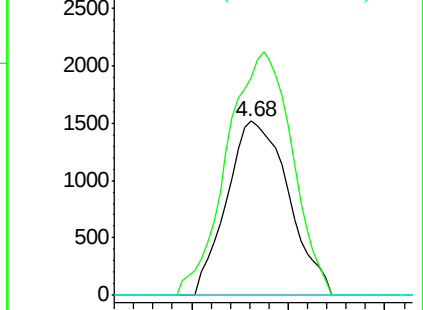
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU041390.D (-947) (-)

Ion 61.05 (60.75 to 61.75): VU041390.D (-947) (-)

Ion 68.15 (67.85 to 68.85): VU041390.D (-947) (-)



#30

Cyclohexane

Concen: 0.162 ug/L

RT: 5.40 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VU041390.D

Acq: 23 Nov 2020 16:09

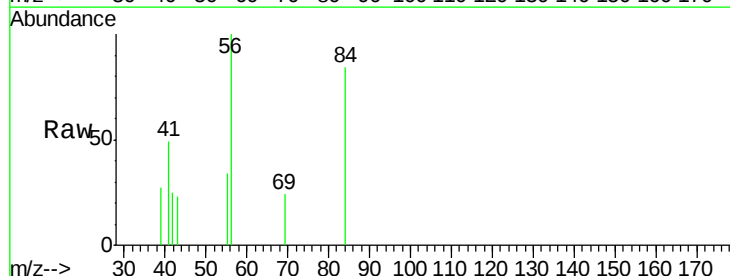
Tgt Ion: 56 Resp: 993

Ion Ratio Lower Upper

56 100

69 17.2 23.8 35.6#

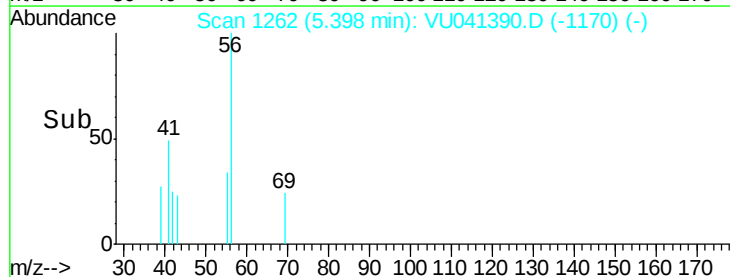
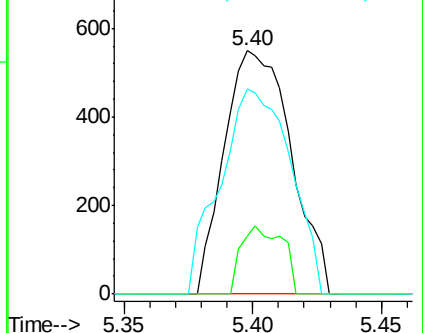
84 88.7 64.6 97.0

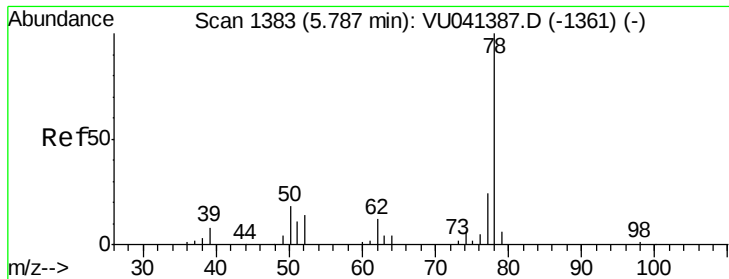


Abundance Ion 56.10 (55.80 to 56.80): VU041390.D (-1170) (-)

Ion 69.15 (68.85 to 69.85): VU041390.D (-1170) (-)

Ion 84.15 (83.85 to 84.85): VU041390.D (-1170) (-)





#33

Benzene

Concen: 1.040 ug/L

RT: 5.79 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VU041390.D

Acq: 23 Nov 2020 16:09

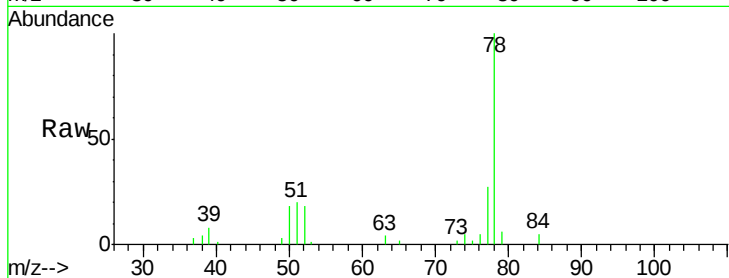
Instrument :

MSVOA_U

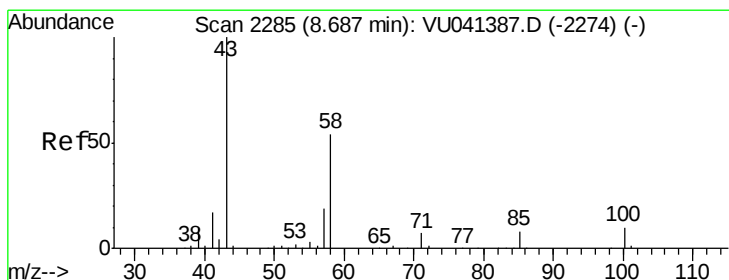
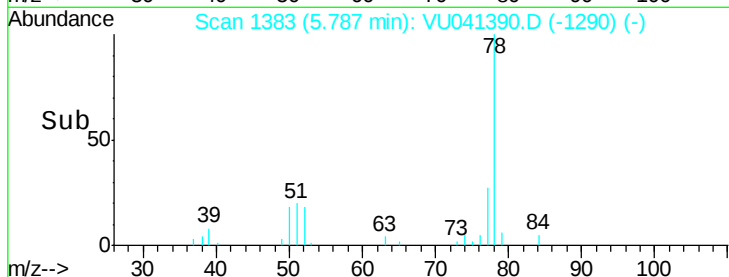
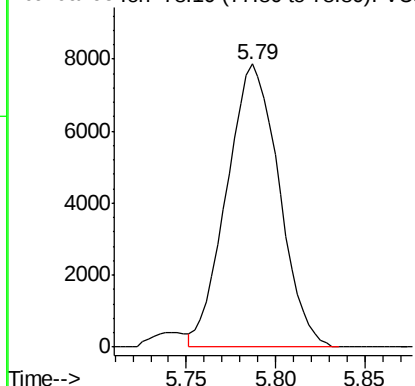
ClientSampleId :

H4423

Tgt Ion: 78 Resp: 16053



Abundance Ion 78.10 (77.80 to 78.80): VU0



#48

2-Hexanone

Concen: 1.026 ug/L

RT: 8.69 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VU041390.D

Acq: 23 Nov 2020 16:09

Tgt Ion: 43 Resp: 1956

Ion	Ratio	Lower	Upper
43	100		
58	46.4	42.0	63.0
57	22.2	15.0	22.4
100	3.4	8.4	12.6

Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0

