

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112020\
 Data File : VU041362.D
 Acq On : 20 Nov 2020 13:13
 Operator : SY/MD
 Sample : L4790-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4399

Quant Time: Nov 21 03:12:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 21 02:42:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	57780	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	58310	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	23617	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	18073	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.92	69	17442	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.58	63	31281	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.65	46	90223	51.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.98%
24) Chloroform-d	5.08	84	52257	5.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.60%
26) 1,2-Dichloroethane-d4	5.72	65	34087	5.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.60%
32) Benzene-d6	5.74	84	88939	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.20%
36) 1,2-Dichloropropane-d6	6.70	67	31957	5.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.00%
41) Toluene-d8	7.91	98	73984	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	8.19	79	12317	5.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.60%
46) 2-Hexanone-d5	8.64	63	62445	50.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.28%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	27181	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	29819	6.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	129.40%#

Target Compounds

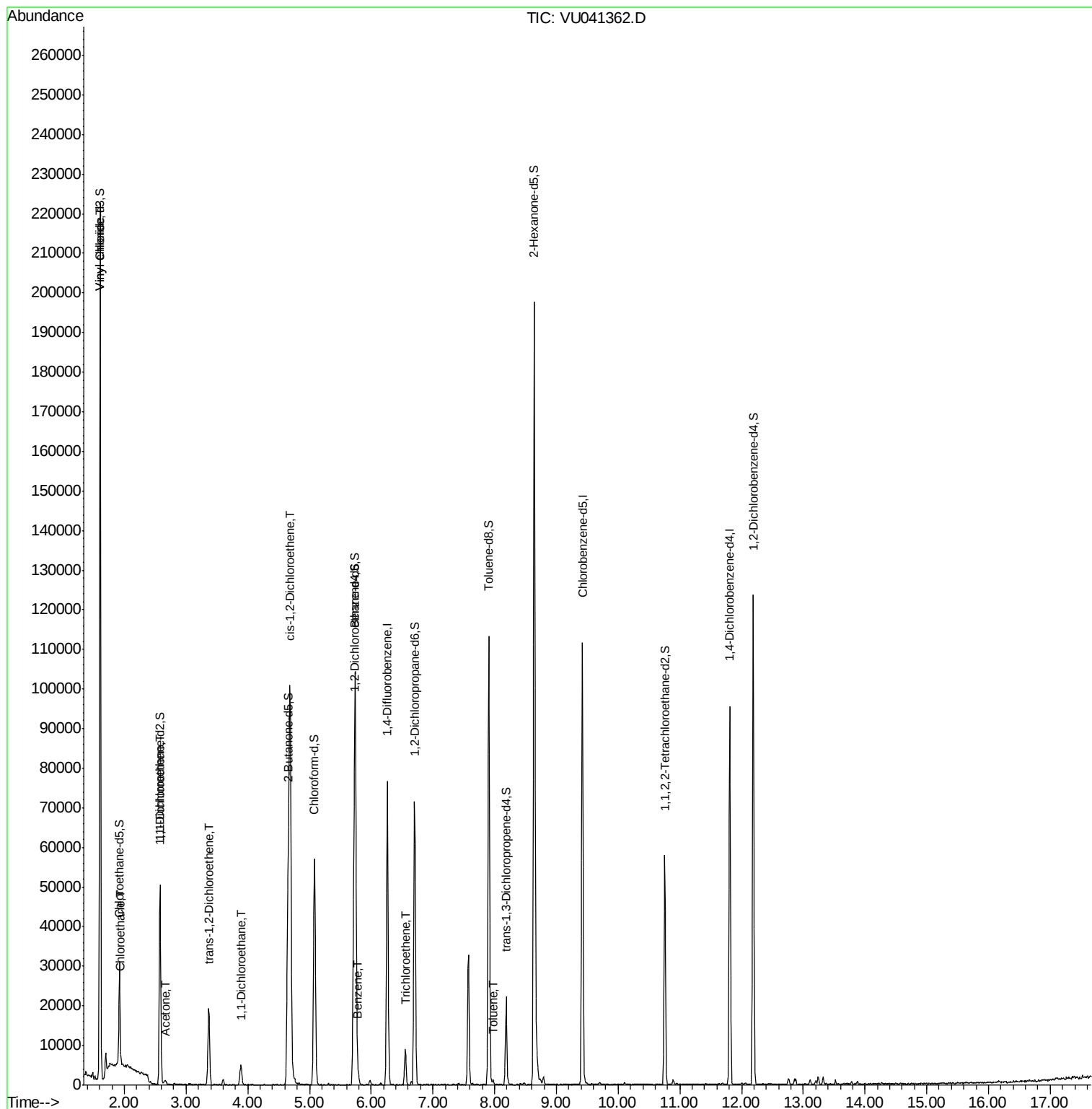
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	127092	25.337	ug/L	100
8) Chloroethane	1.94	64	973	0.292	ug/L #	63
12) 1,1-Dichloroethene	2.59	96	1272	0.338	ug/L #	1
13) Acetone	2.67	43	1835	1.578	ug/L	81
18) trans-1,2-Dichloroethene	3.37	96	7474	2.040	ug/L	98
19) 1,1-Dichloroethane	3.89	63	6113	0.746	ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	41183	9.955	ug/L	99
33) Benzene	5.79	78	2810	0.178	ug/L	100
34) Trichloroethene	6.55	95	3219	0.754	ug/L	97
42) Toluene	7.98	91	779	0.046	ug/L	99

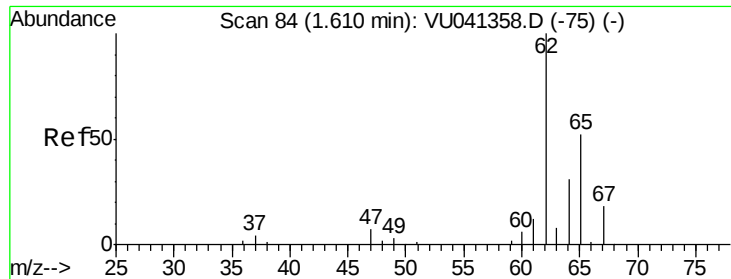
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112020\
Data File : VU041362.D
Acq On : 20 Nov 2020 13:13
Operator : SY/MD
Sample : L4790-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4399

Quant Time: Nov 21 03:12:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 21 02:42:19 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 25.337 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU041362.D

Acq: 20 Nov 2020 13:13

Instrument :

MSVOA_U

ClientSampleId :

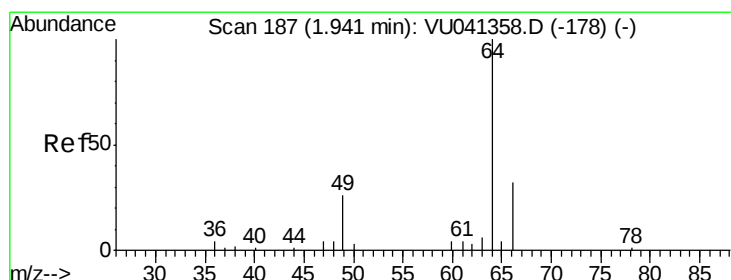
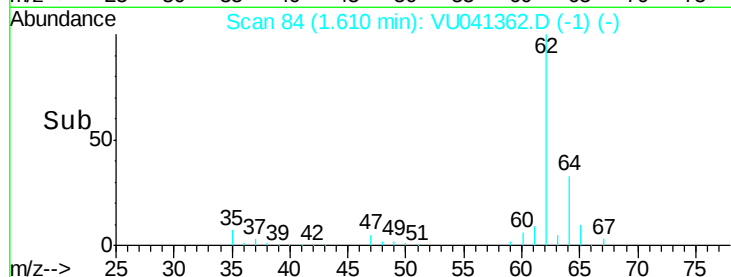
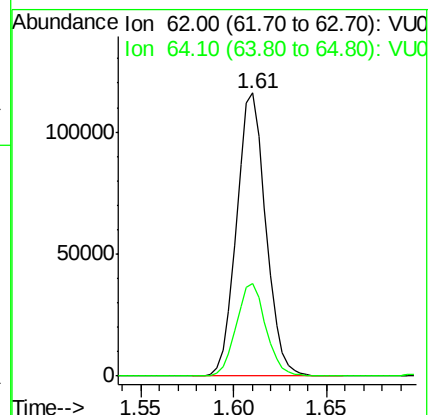
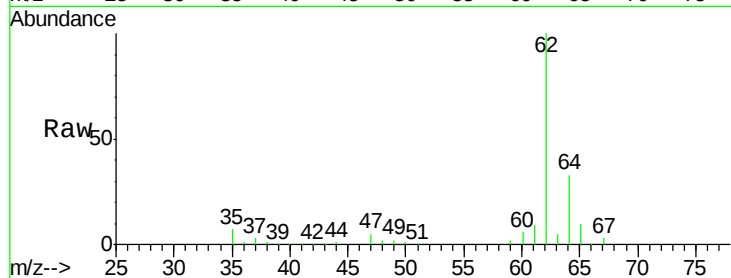
H4399

Tot Ion: 62 Resp: 127092

Ion Ratio Lower Upper

62 100

64 32.6 22.7 42.3



#8

Chloroethane

Concen: 0.292 ug/L

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU041362.D

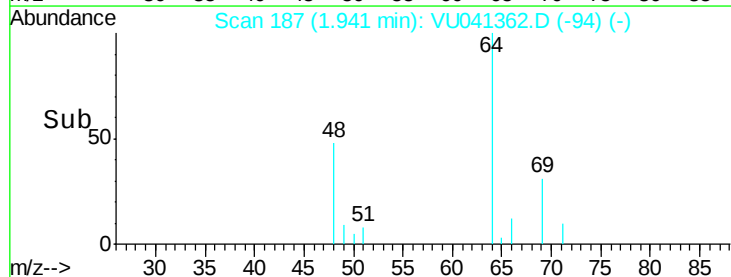
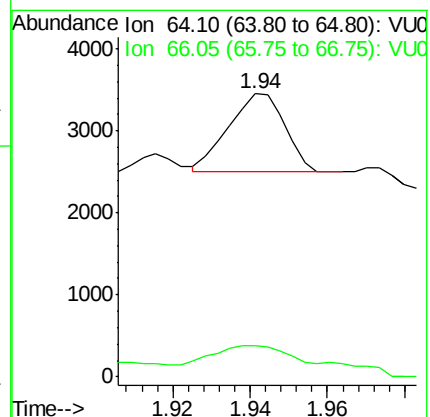
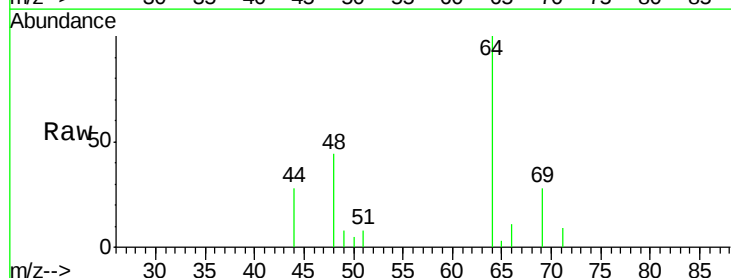
Acq: 20 Nov 2020 13:13

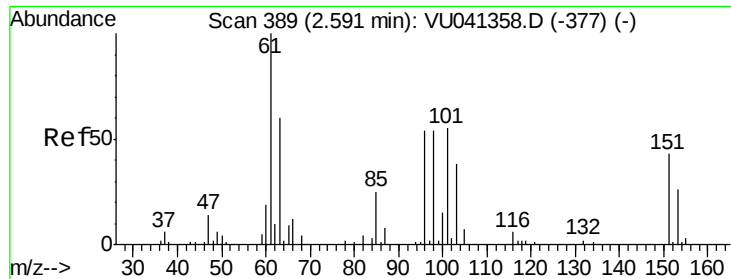
Tgt Ion: 64 Resp: 973

Ion Ratio Lower Upper

64 100

66 11.2 22.3 41.5#





#12

1,1-Dichloroethene

Concen: 0.338 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU041362.D

Acq: 20 Nov 2020 13:13

Instrument :

MSVOA_U

ClientSampleId :

H4399

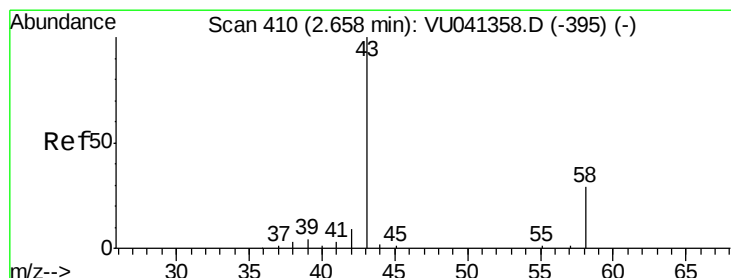
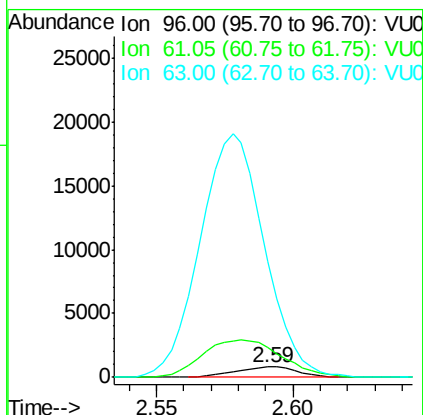
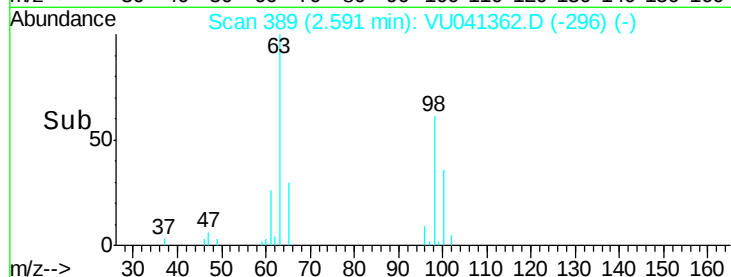
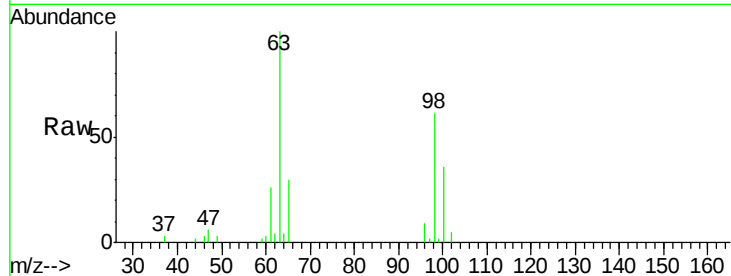
Tot Ion: 96 Resp: 1272

Ion Ratio Lower Upper

96 100

61 291.5 134.3 249.5#

63 1131.3 95.0 176.4#



#13

Acetone

Concen: 1.578 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.01 min

Lab File: VU041362.D

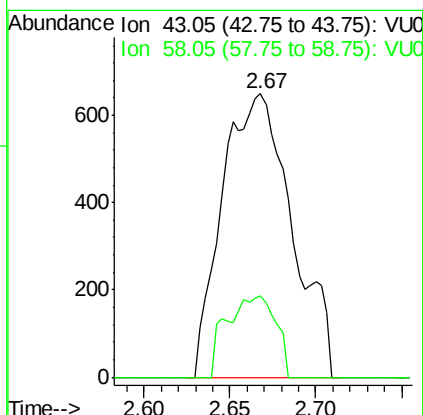
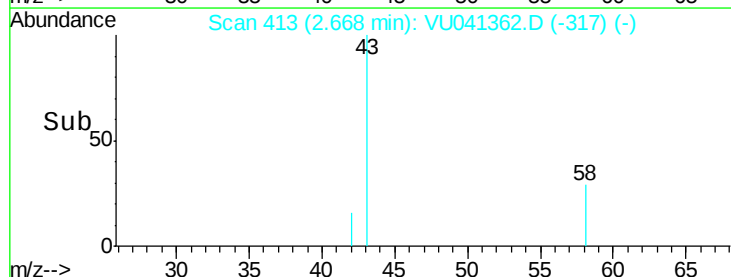
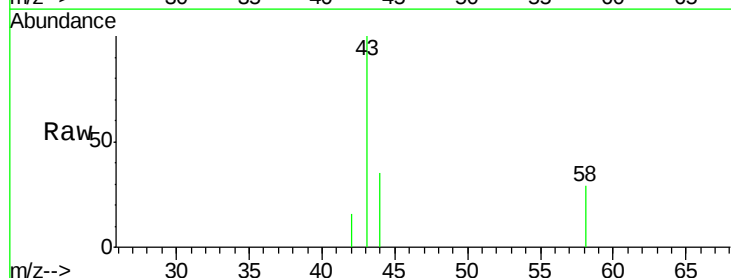
Acq: 20 Nov 2020 13:13

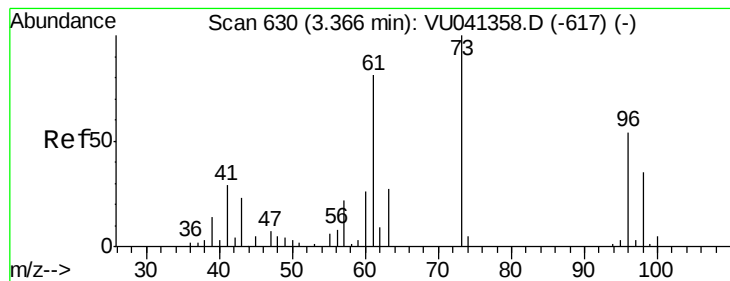
Tgt Ion: 43 Resp: 1835

Ion Ratio Lower Upper

43 100

58 20.1 0.0 25.4





#18

trans-1,2-Dichloroethene

Concen: 2.040 ug/L

RT: 3.37 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU041362.D

Acq: 20 Nov 2020 13:13

Instrument :

MSVOA_U

ClientSampleId :

H4399

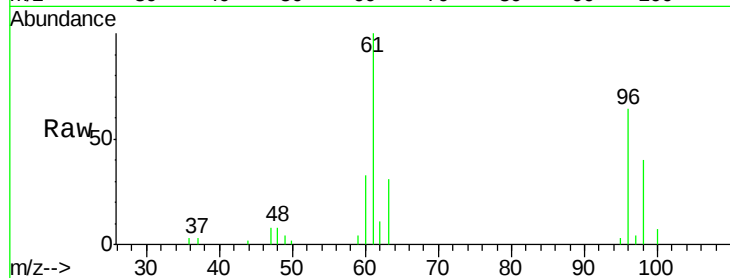
Tot Ion: 96 Resp: 7474

Ion Ratio Lower Upper

96 100

61 155.9 110.9 205.9

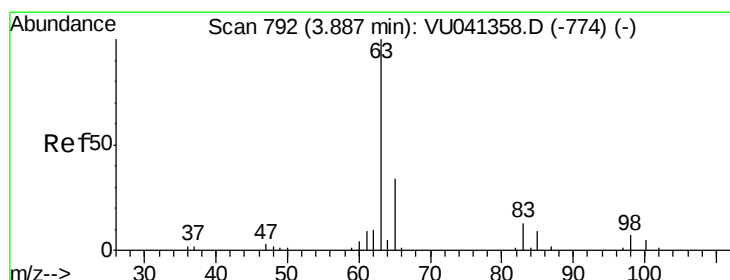
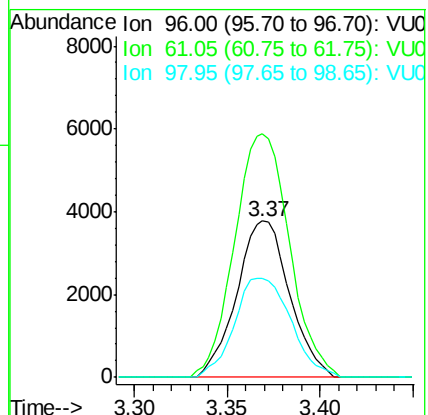
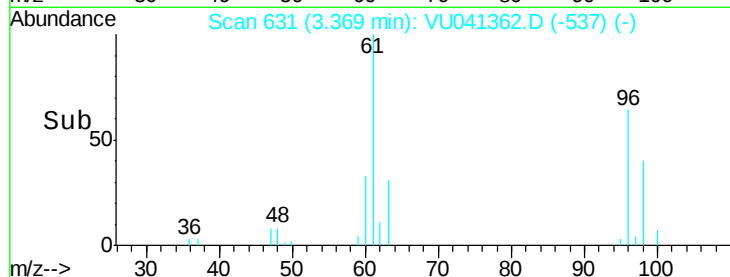
98 63.0 45.4 84.2



Abundance Ion 96.00 (95.70 to 96.70): VU041362.D (-537) (-)

Ion 61.05 (60.75 to 61.75): VU041362.D (-537) (-)

Ion 97.95 (97.65 to 98.65): VU041362.D (-537) (-)



#19

1,1-Dichloroethane

Concen: 0.746 ug/L

RT: 3.89 min Scan# 792

Delta R.T. -0.00 min

Lab File: VU041362.D

Acq: 20 Nov 2020 13:13

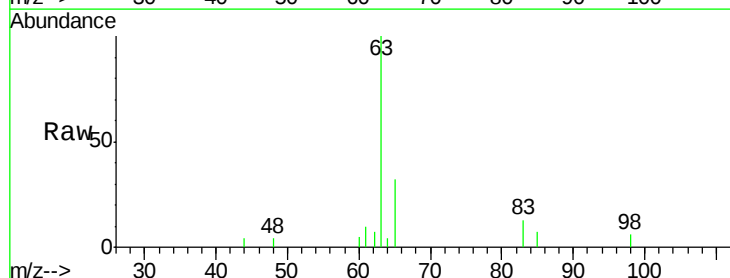
Tgt Ion: 63 Resp: 6113

Ion Ratio Lower Upper

63 100

65 31.8 21.3 39.6

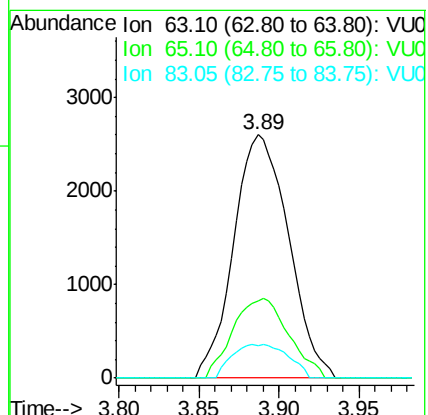
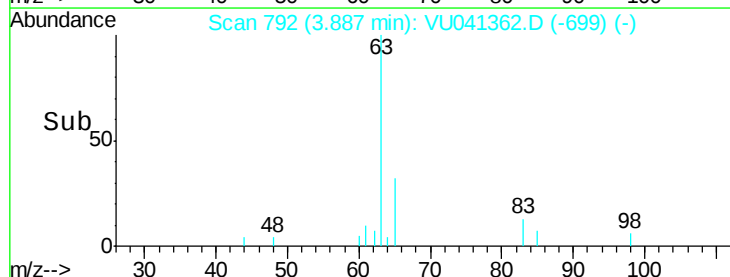
83 13.5 8.8 16.3

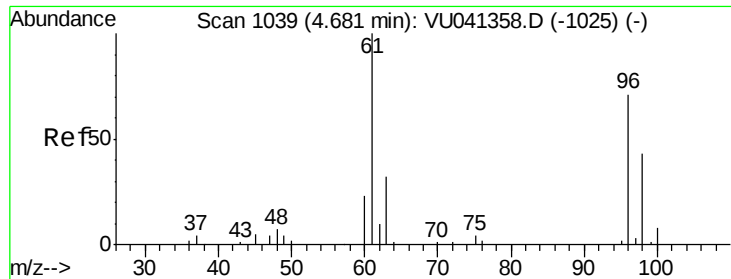


Abundance Ion 63.10 (62.80 to 63.80): VU041362.D (-699) (-)

Ion 65.10 (64.80 to 65.80): VU041362.D (-699) (-)

Ion 83.05 (82.75 to 83.75): VU041362.D (-699) (-)

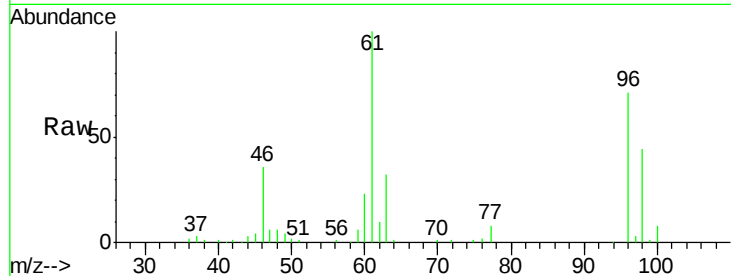




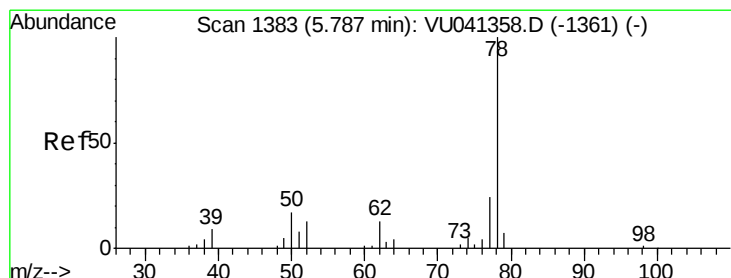
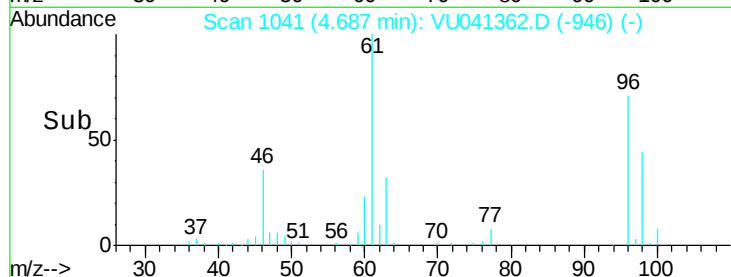
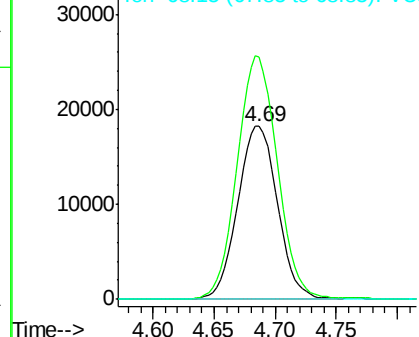
#22
 cis-1,2-Dichloroethene
 Concen: 9.955 ug/L
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.01 min
 Lab File: VU041362.D
 Acq: 20 Nov 2020 13:13

Instrument :
 MSVOA_U
 ClientSampleId :
 H4399

Tot Ion: 96 Resp: 41183
 Ion Ratio Lower Upper
 96 100
 61 140.0 97.2 180.4
 68 0.0 0.0 0.0

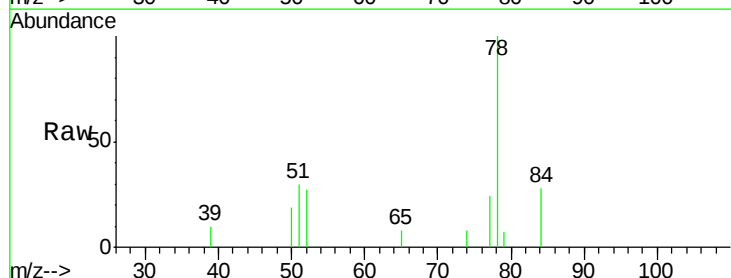


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

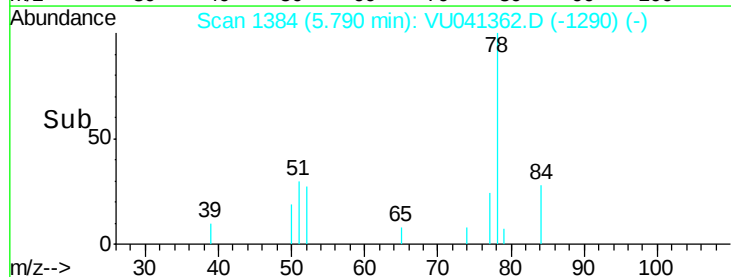
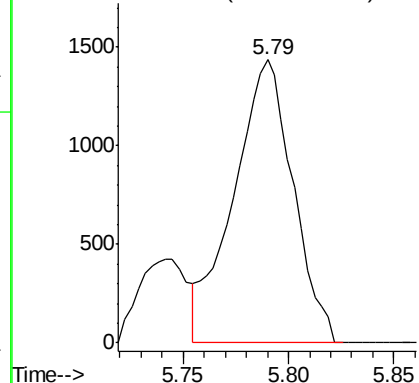


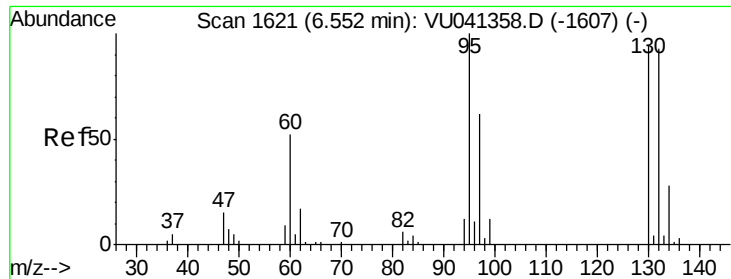
#33
 Benzene
 Concen: 0.178 ug/L
 RT: 5.79 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: VU041362.D
 Acq: 20 Nov 2020 13:13

Tgt Ion: 78 Resp: 2810



Abundance Ion 78.10 (77.80 to 78.80): VU0

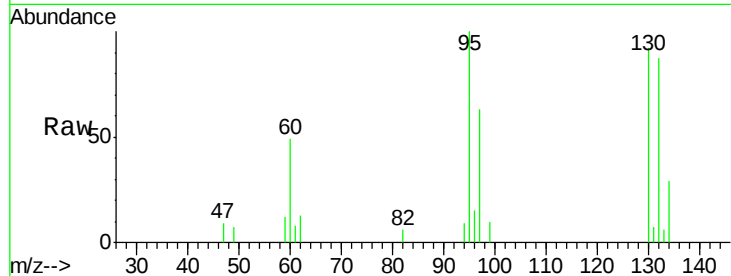




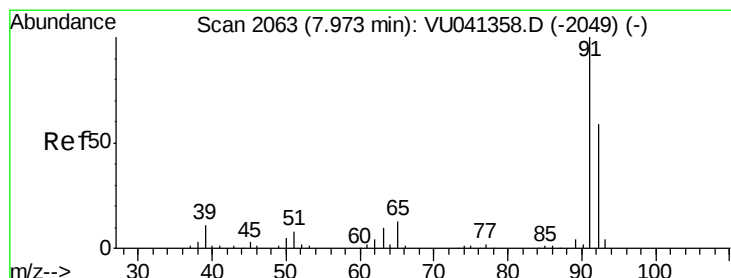
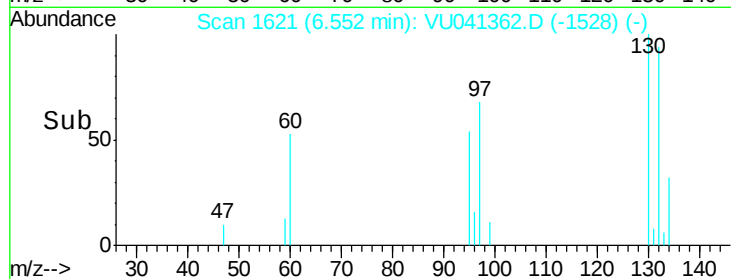
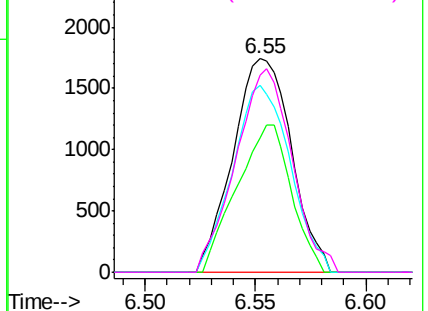
#34
 Trichloroethene
 Concen: 0.754 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU041362.D
 Acq: 20 Nov 2020 13:13

Instrument :
 MSVOA_U
 ClientSampleId :
 H4399

Tot Ion: 95 Resp: 3219
 Ion Ratio Lower Upper
 95 100
 97 62.8 45.6 84.6
 132 87.2 64.8 120.4
 130 92.4 64.8 120.4

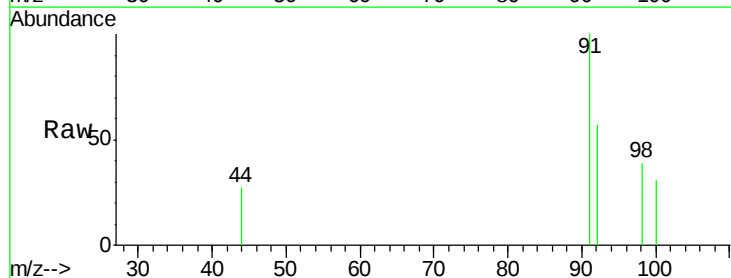


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V



#42
 Toluene
 Concen: 0.046 ug/L
 RT: 7.98 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VU041362.D
 Acq: 20 Nov 2020 13:13

Tgt Ion: 91 Resp: 779
 Ion Ratio Lower Upper
 91 100
 92 57.1 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VU0
 Ion 92.15 (91.85 to 92.85): VU0

