

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101920\
 Data File : VU040832.D
 Acq On : 20 Oct 2020 02:33
 Operator : SY/MD
 Sample : L4428-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ28

Quant Time: Oct 20 05:21:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 20 05:12:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	108359	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	112556	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45131	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	27022	3.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.20%
7) Chloroethane-d5	1.92	69	28115	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.20%
11) 1,1-Dichloroethene-d2	2.58	63	44002	2.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.20%#
20) 2-Butanone-d5	4.66	46	170076	59.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.38%
24) Chloroform-d	5.08	84	78858	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.72	65	47062	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.75	84	127965	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.70	67	48849	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.91	98	93963	3.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.20%#
43) trans-1,3-Dichloropropene-	8.19	79	17119	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.64	63	111668	50.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.52%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47663	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	42532	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

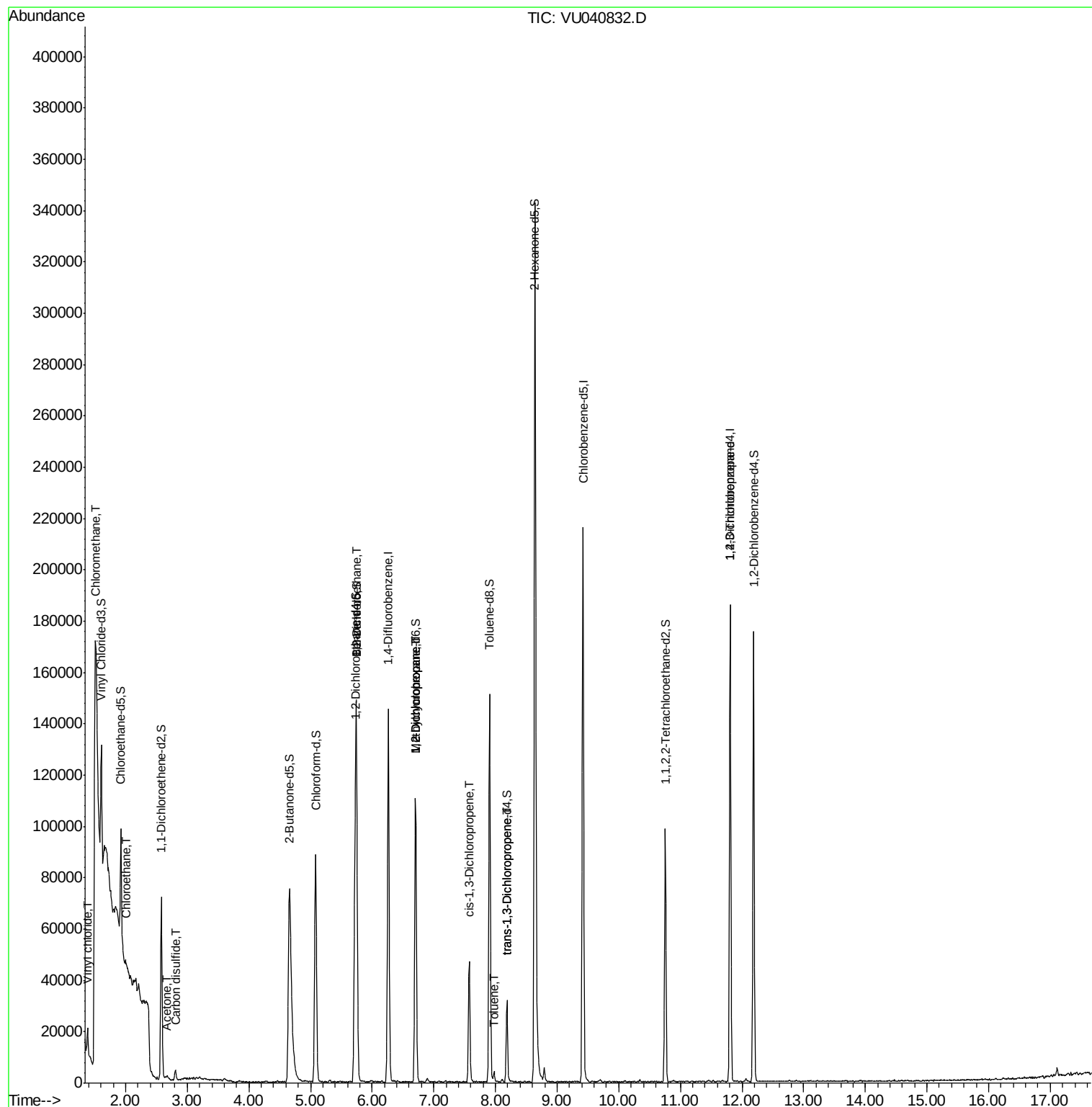
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.50	50	3171	0.345	ug/L #	43
5) Vinyl chloride	1.39	62	1020	0.105	ug/L	89
8) Chloroethane	2.01	64	1256	0.204	ug/L #	50
13) Acetone	2.67	43	1750	0.786	ug/L	60
14) Carbon disulfide	2.81	76	6102	0.282	ug/L #	91
27) 1,2-Dichloroethane	5.74	62	473	0.039	ug/L #	77
35) Methylcyclohexane	6.70	83	11124	0.837	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5444	0.540	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1198	0.087	ug/L #	27
42) Toluene	7.98	91	2774	0.075	ug/L	84
44) trans-1,3-Dichloropropene	8.19	75	869	0.069	ug/L #	16
59) 1,2,3-Trichloropropane	11.81	75	6439	0.870	ug/L	92

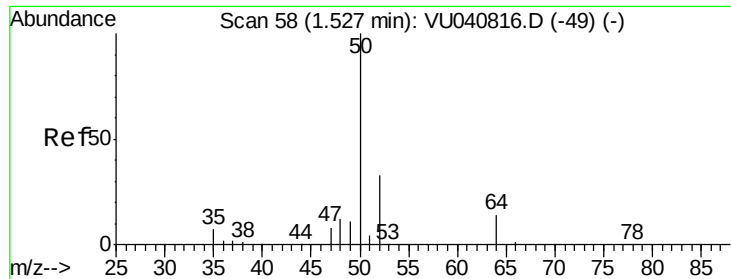
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.345 ug/L

RT: 1.50 min Scan# 51

Delta R.T. -0.02 min

Lab File: VU040832.D

Acq: 20 Oct 2020 02:33

Instrument :

MSVOA_U

ClientSampleId :

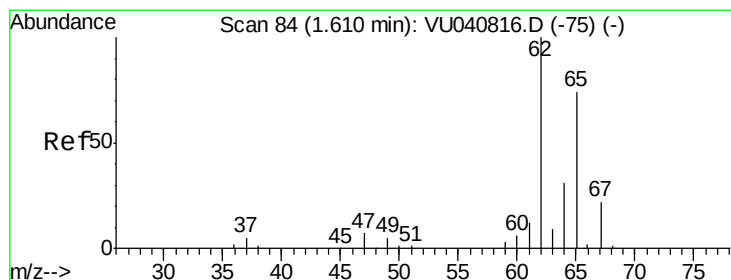
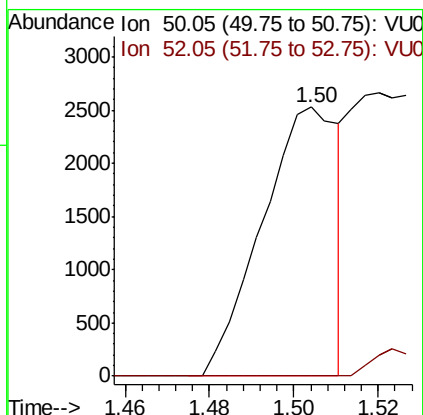
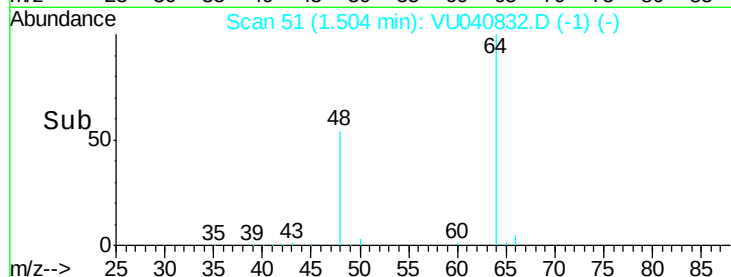
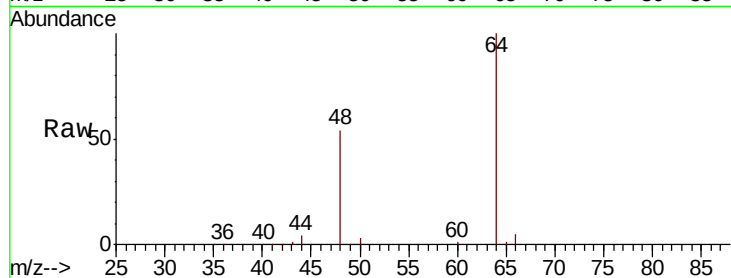
ETZ28

Tot Ion: 50 Resp: 3171

Ion Ratio Lower Upper

50 100

52 0.0 21.9 40.7#



#5

Vinyl chloride

Concen: 0.105 ug/L

RT: 1.39 min Scan# 14

Delta R.T. -0.23 min

Lab File: VU040832.D

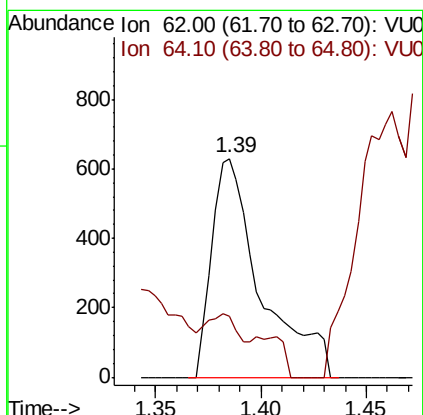
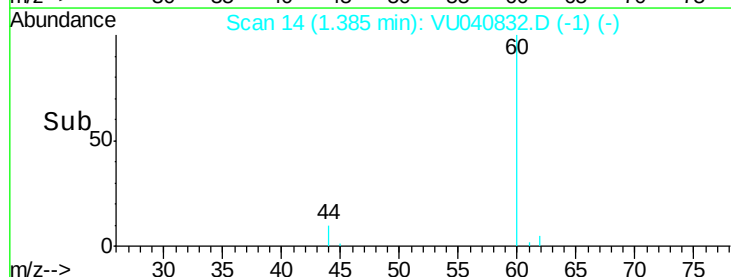
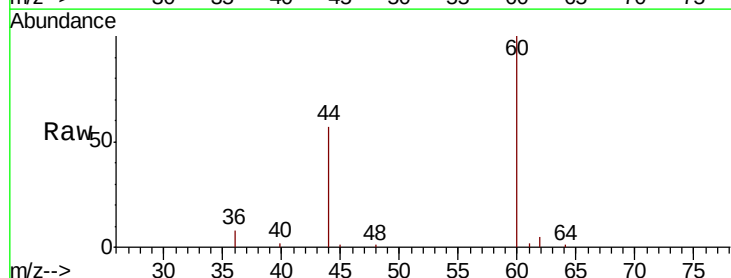
Acq: 20 Oct 2020 02:33

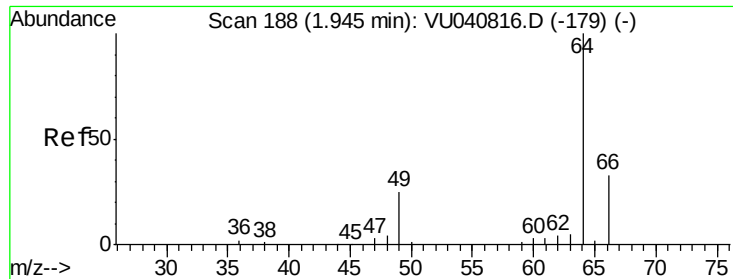
Tgt Ion: 62 Resp: 1020

Ion Ratio Lower Upper

62 100

64 27.6 23.7 44.1

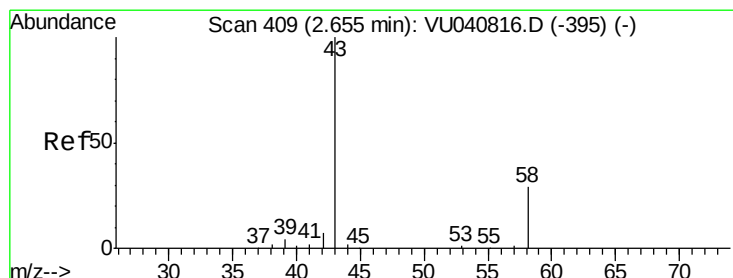
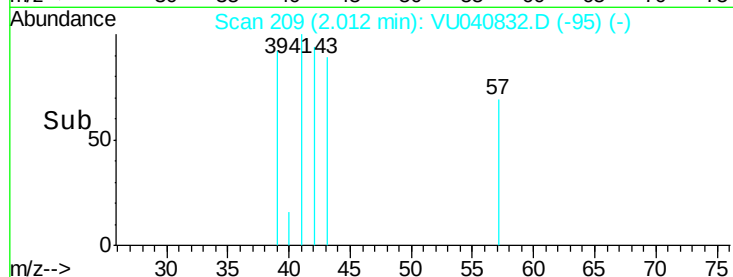
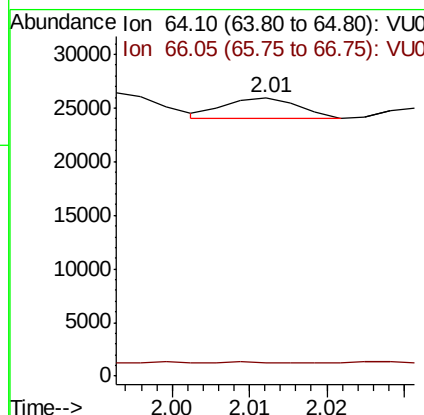
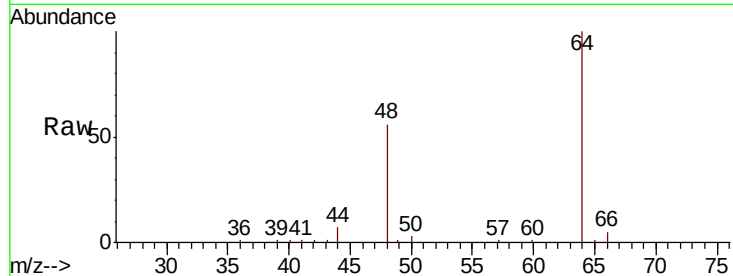




#8
 Chloroethane
 Concen: 0.204 ug/L
 RT: 2.01 min Scan# 209
 Delta R.T. 0.07 min
 Lab File: VU040832.D
 Acq: 20 Oct 2020 02:33

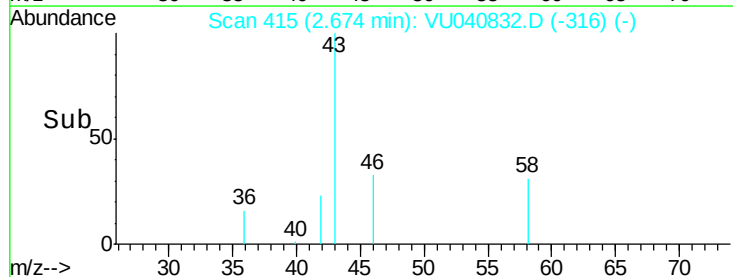
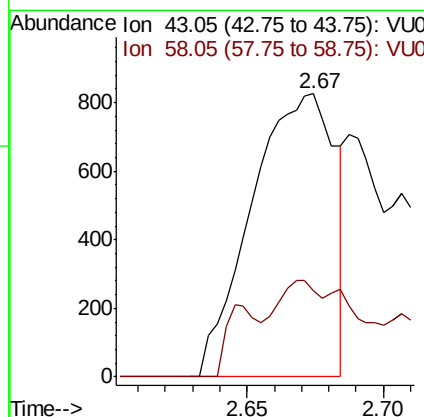
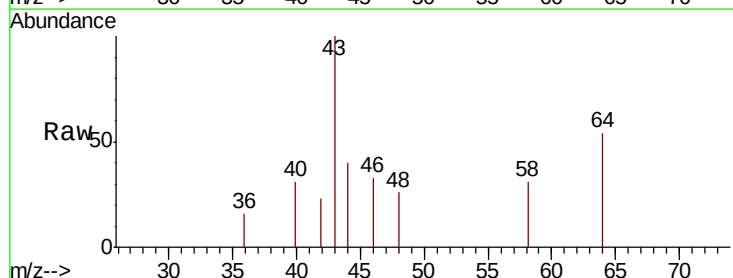
Instrument :
 MSVOA_U
 ClientSampled :
 ETZ28

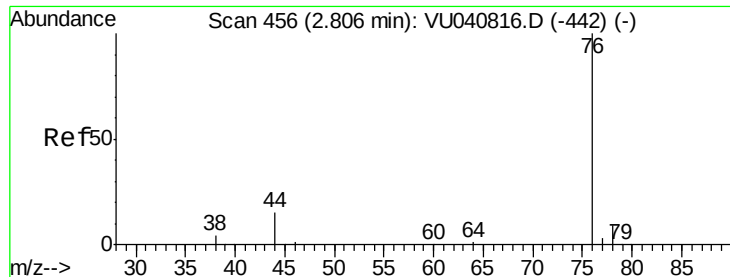
Tot Ion: 64 Resp: 1256
 Ion Ratio Lower Upper
 64 100
 66 4.9 23.3 43.3#



#13
 Acetone
 Concen: 0.786 ug/L
 RT: 2.67 min Scan# 415
 Delta R.T. 0.02 min
 Lab File: VU040832.D
 Acq: 20 Oct 2020 02:33

Tgt Ion: 43 Resp: 1750
 Ion Ratio Lower Upper
 43 100
 58 8.5 0.0 60.6





#14

Carbon disulfide

Concen: 0.282 ug/L

RT: 2.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: VU040832.D

Acq: 20 Oct 2020 02:33

Instrument :

MSVOA_U

ClientSampleId :

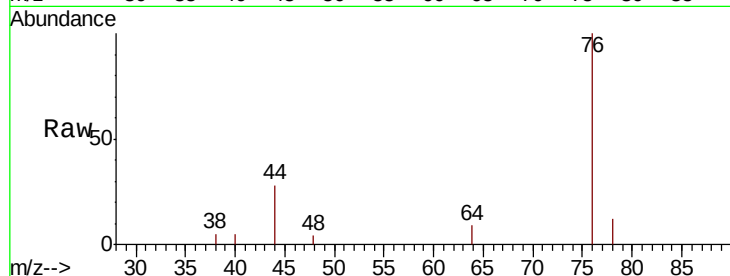
ETZ28

Tot Ion: 76 Resp: 6102

Ion Ratio Lower Upper

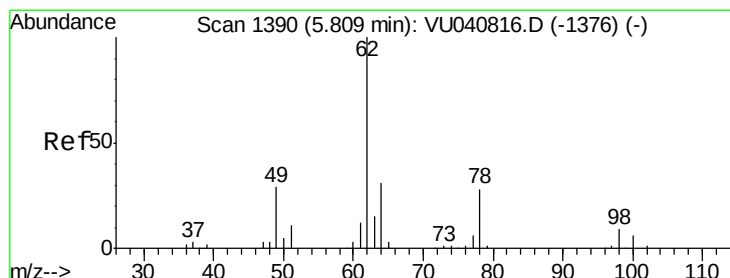
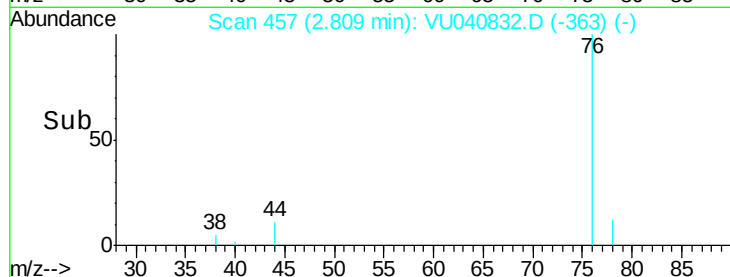
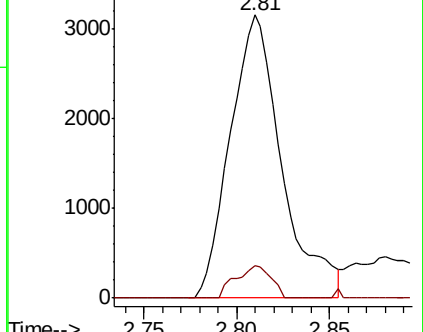
76 100

78 11.6 6.8 10.2#



Abundance Ion 76.05 (75.75 to 76.75): VU040832.D (-363) (-)

Ion 78.00 (77.70 to 78.70): VU040832.D (-363) (-)



#27

1,2-Dichloroethane

Concen: 0.039 ug/L

RT: 5.74 min Scan# 1369

Delta R.T. -0.07 min

Lab File: VU040832.D

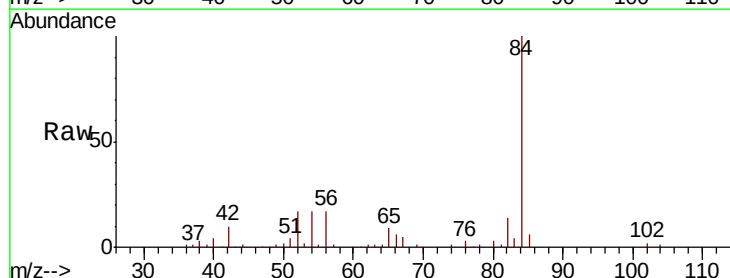
Acq: 20 Oct 2020 02:33

Tgt Ion: 62 Resp: 473

Ion Ratio Lower Upper

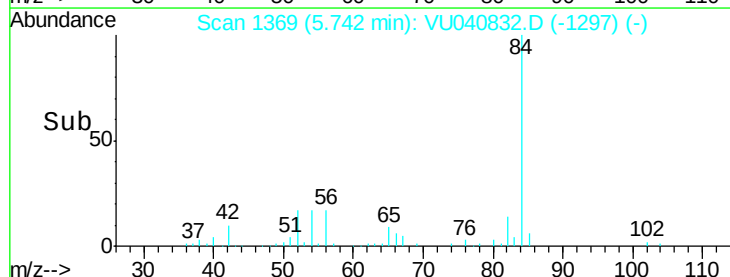
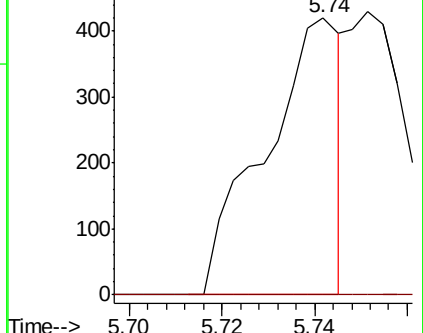
62 100

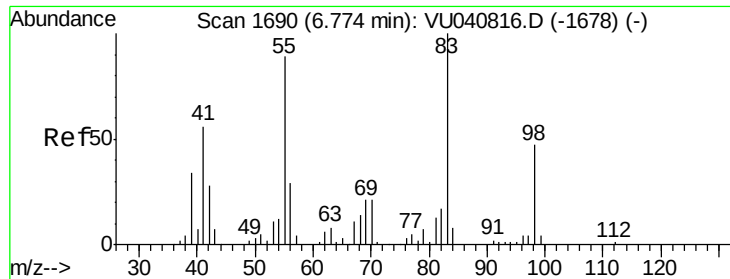
98 0.0 6.6 10.0#



Abundance Ion 62.00 (61.70 to 62.70): VU040832.D (-1297) (-)

Ion 98.05 (97.75 to 98.75): VU040832.D (-1297) (-)

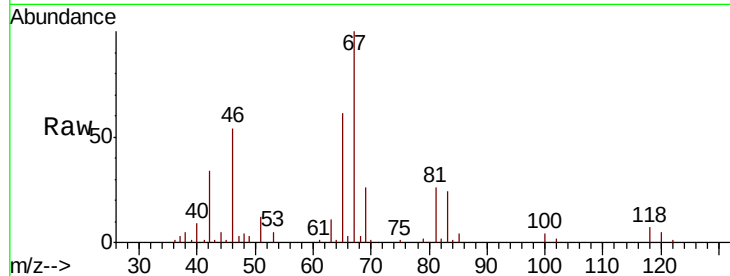




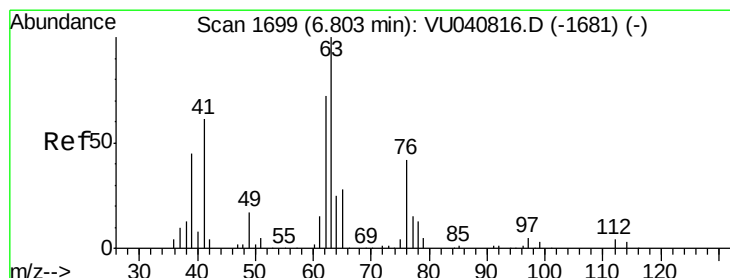
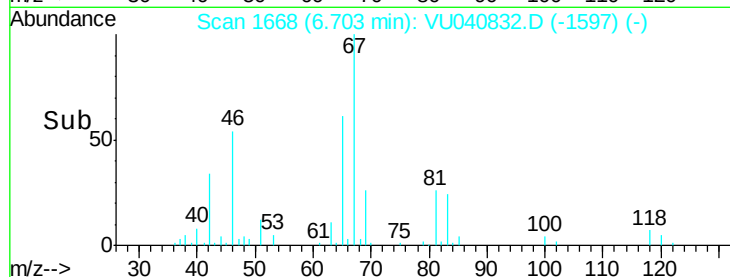
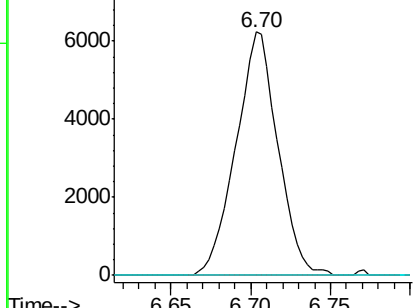
#35
Methylvlcyclohexane
Concen: 0.837 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040832.D
Acq: 20 Oct 2020 02:33

Instrument :
MSVOA_U
ClientSampleId :
ETZ28

Tot Ion: 83 Resp: 11124
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 0.2 38.4 57.6#

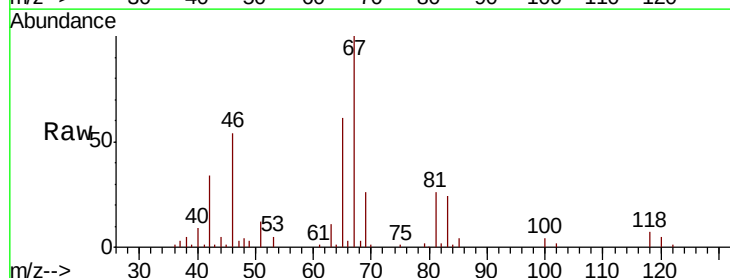


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

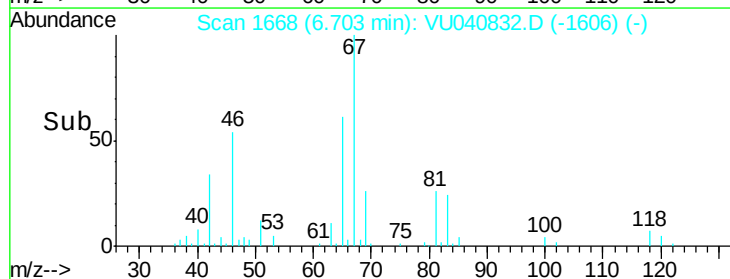
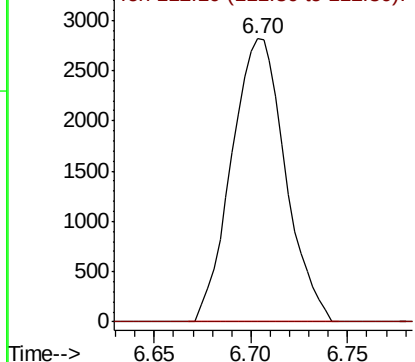


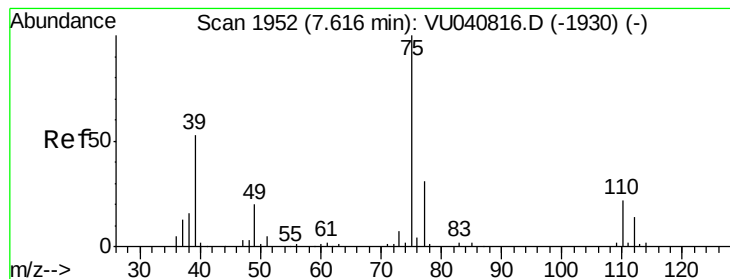
#37
1,2-Dichloropropane
Concen: 0.540 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040832.D
Acq: 20 Oct 2020 02:33

Tgt Ion: 63 Resp: 5444
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 7.57 min Scan# 1938

Delta R.T. -0.05 min

Lab File: VU040832.D

Acq: 20 Oct 2020 02:33

Instrument :

MSVOA_U

ClientSampleId :

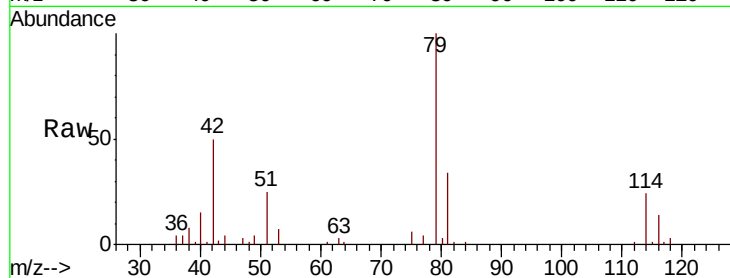
ETZ28

Tot Ion: 75 Resp: 1198

Ion Ratio Lower Upper

75 100

77 68.6 20.5 38.1#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.57

800

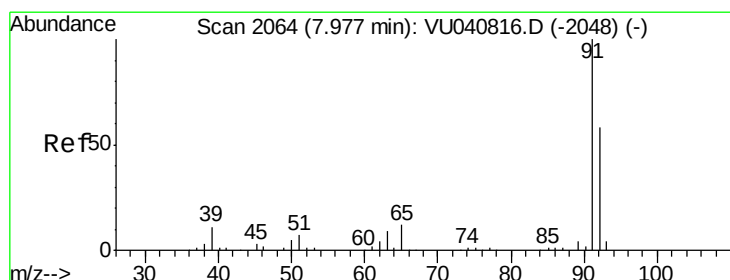
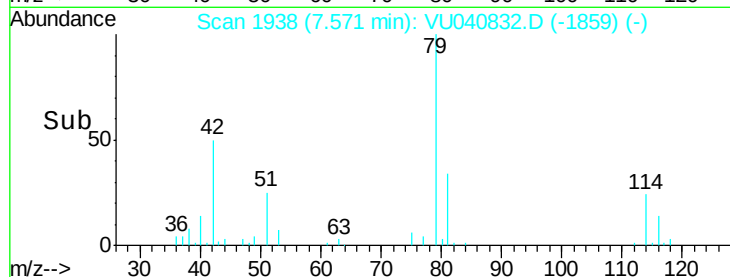
600

400

200

0

Time-->



#42

Toluene

Concen: 0.075 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU040832.D

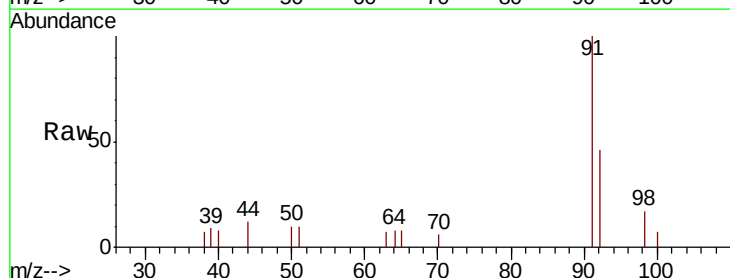
Acq: 20 Oct 2020 02:33

Tgt Ion: 91 Resp: 2774

Ion Ratio Lower Upper

91 100

92 45.8 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

7.98

2000

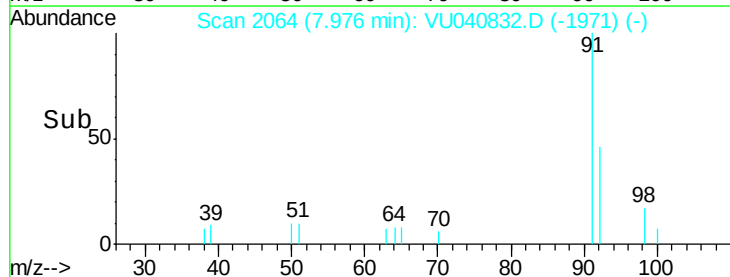
1500

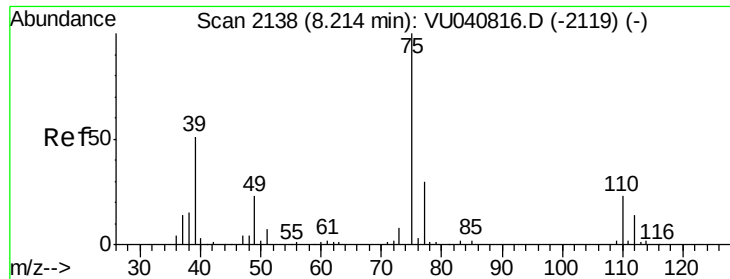
1000

500

0

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.069 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040832.D

Acq: 20 Oct 2020 02:33

Instrument :

MSVOA_U

ClientSampled :

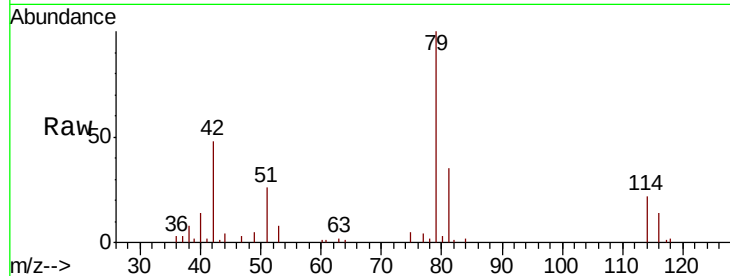
ETZ28

Tot Ion: 75 Resp: 869

Ion Ratio Lower Upper

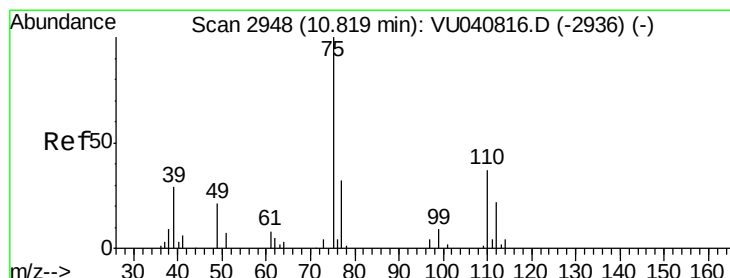
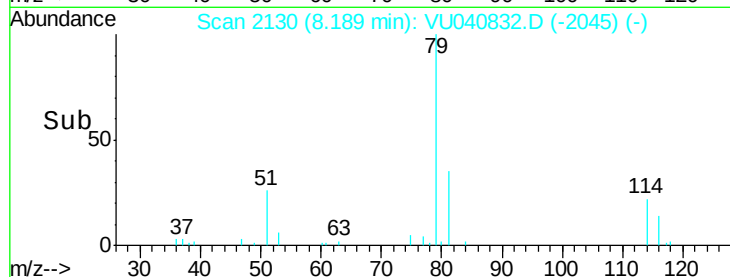
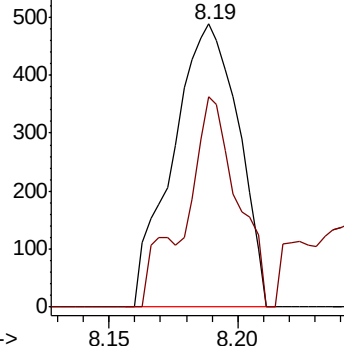
75 100

77 74.2 20.4 38.0#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 0.870 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU040832.D

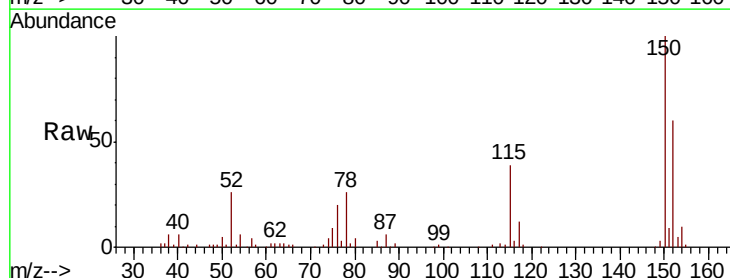
Acq: 20 Oct 2020 02:33

Tgt Ion: 75 Resp: 6439

Ion Ratio Lower Upper

75 100

77 37.7 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

