

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100920\
 Data File : VU040619.D
 Acq On : 10 Oct 2020 05:33
 Operator : SY/MD
 Sample : L4352-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ11

Quant Time: Oct 10 06:09:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 10 05:58:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	131211	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	132783	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56742	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	46528	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.92	69	40950	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.58	63	72076	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.66	46	182226	52.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.76%
24) Chloroform-d	5.08	84	94905	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.72	65	60045	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.74	84	177625	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.70	67	60841	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.91	98	143039	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	8.19	79	22945	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.64	63	127789	49.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.46%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	53116	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	56994	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

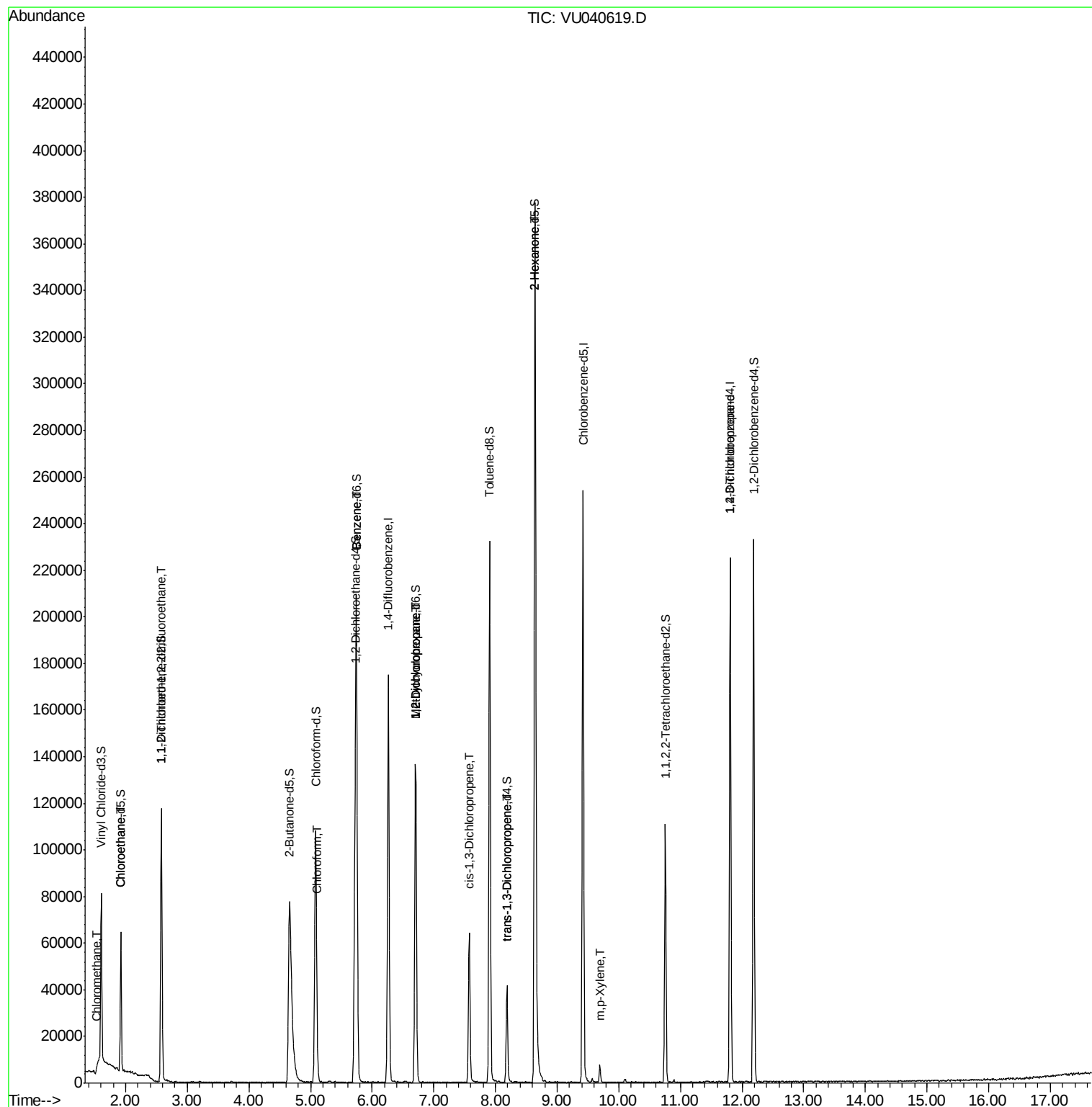
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	836	0.075	ug/L	87
8) Chloroethane	1.92	64	481	0.065	ug/L #	59
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	589	0.054	ug/L #	20
25) Chloroform	5.11	83	4843	0.234	ug/L	96
33) Benzene	5.74	78	1645	0.039	ug/L	100
35) Methylcyclohexane	6.71	83	14014	0.894	ug/L #	14
37) 1,2-Dichloropropane	6.71	63	7388	0.622	ug/L #	87
39) cis-1,3-Dichloropropene	7.58	75	1568	0.097	ug/L #	83
44) trans-1,3-Dichloropropene	8.19	75	1052	0.070	ug/L	91
48) 2-Hexanone	8.64	43	17467	2.476	ug/L #	74
53) m,p-Xylene	9.70	106	1994	0.116	ug/L	97
59) 1,2,3-Trichloropropane	11.81	75	7290	0.835	ug/L #	81

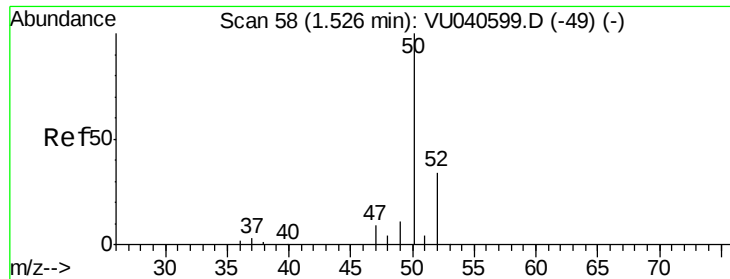
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 10 05:58:50 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.075 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040619.D

Acq: 10 Oct 2020 05:33

Instrument :

MSVOA_U

ClientSampled :

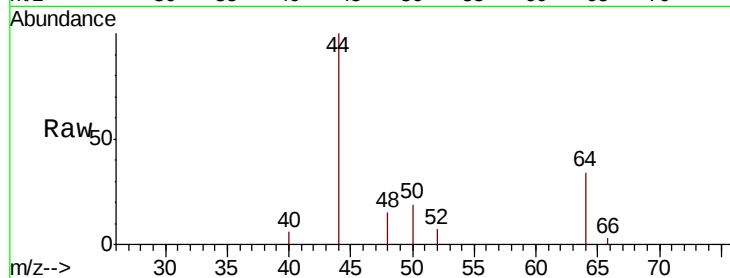
ETZ11

Tot Ion: 50 Resp: 836

Ion Ratio Lower Upper

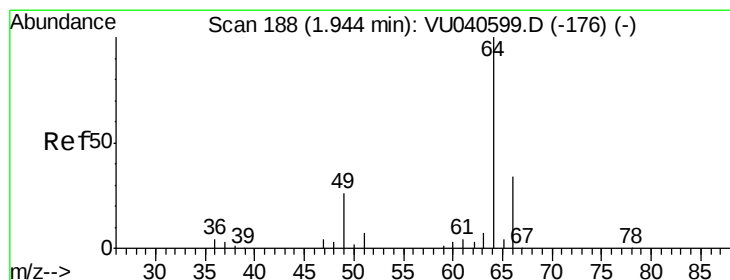
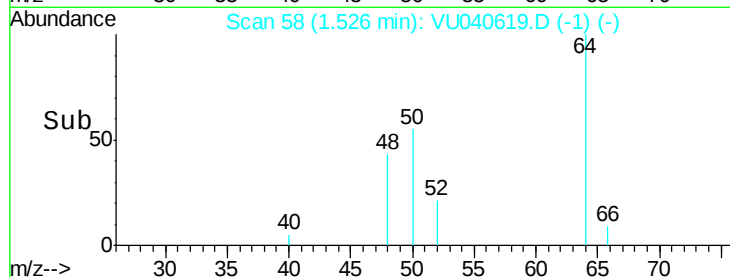
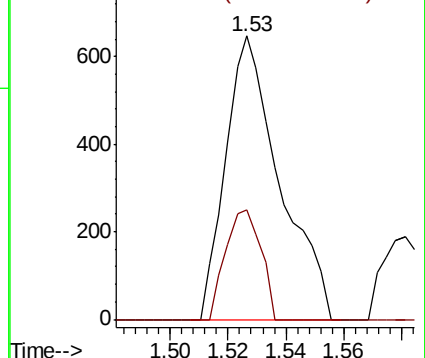
50 100

52 38.5 21.9 40.7



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#8

Chloroethane

Concen: 0.065 ug/L

RT: 1.92 min Scan# 179

Delta R.T. -0.03 min

Lab File: VU040619.D

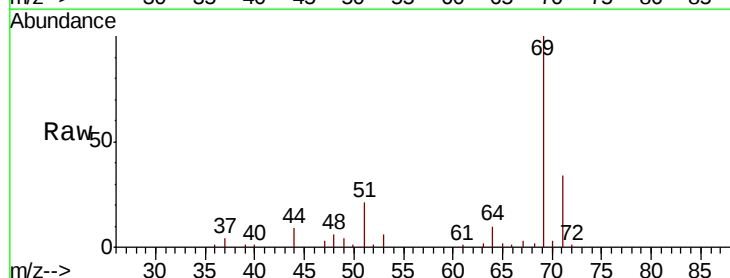
Acq: 10 Oct 2020 05:33

Tgt Ion: 64 Resp: 481

Ion Ratio Lower Upper

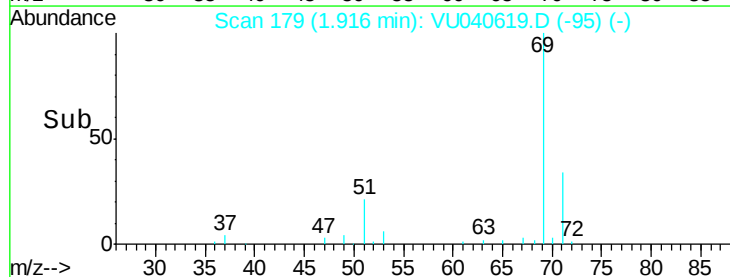
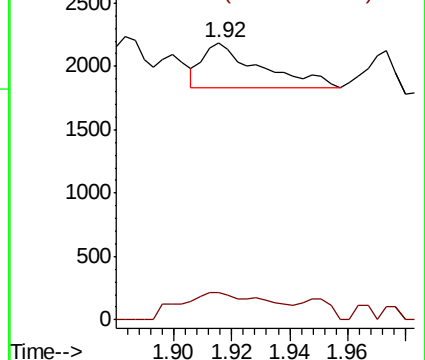
64 100

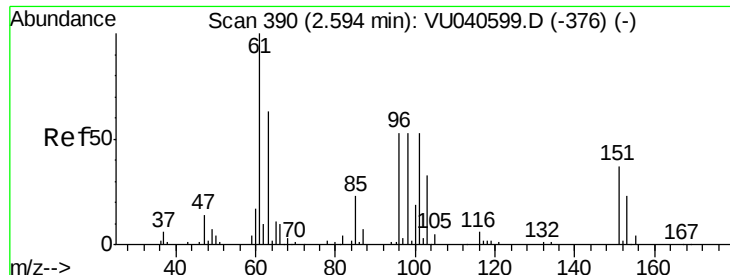
66 10.1 23.3 43.3#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.054 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.01 min

Lab File: VU040619.D

Acq: 10 Oct 2020 05:33

Instrument :

MSVOA_U

ClientSampleId :

ETZ11

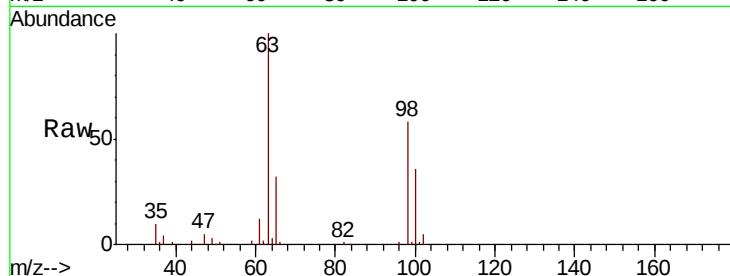
Tot Ion:101 Resp: 589

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

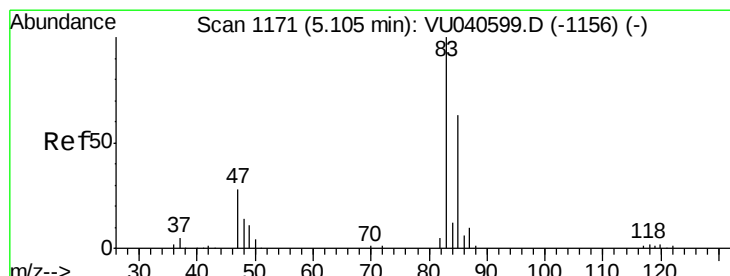
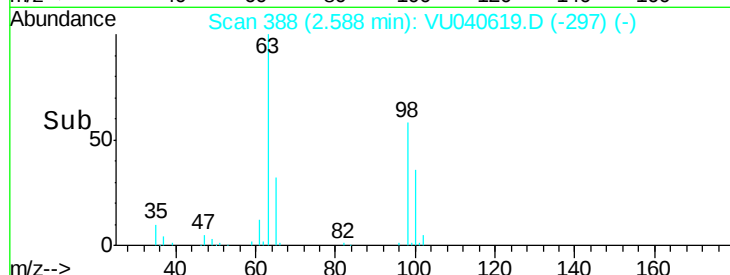
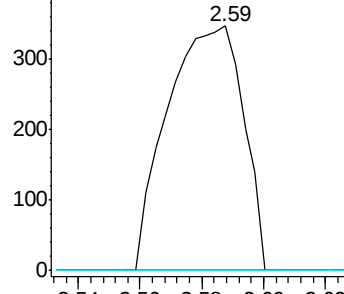
151 0.0 58.0 87.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#25

Chloroform

Concen: 0.234 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU040619.D

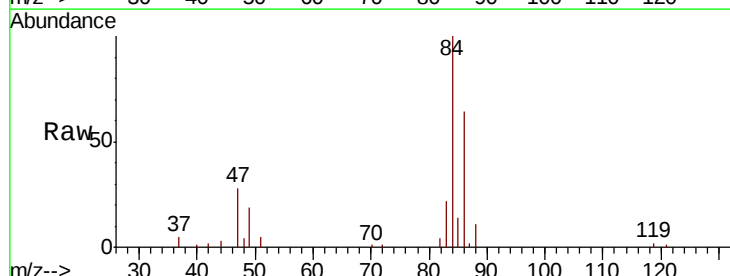
Acq: 10 Oct 2020 05:33

Tgt Ion: 83 Resp: 4843

Ion Ratio Lower Upper

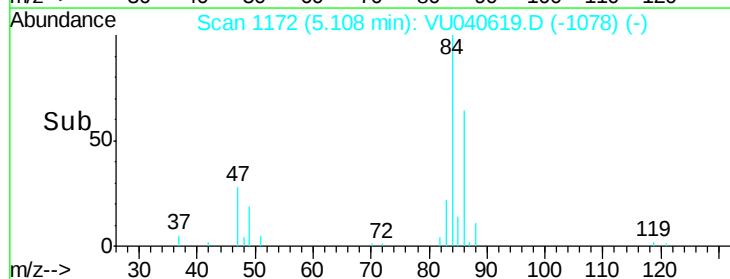
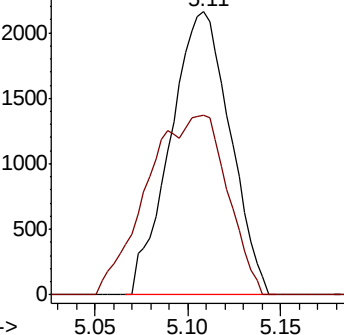
83 100

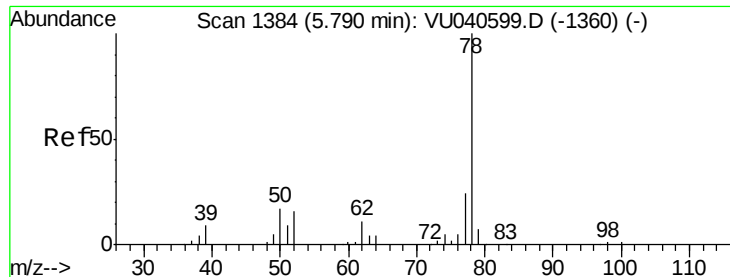
85 63.5 46.5 86.5



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0





#33

Benzene

Concen: 0.039 ug/L

RT: 5.74 min Scan# 1369

Delta R.T. -0.05 min

Lab File: VU040619.D

Acq: 10 Oct 2020 05:33

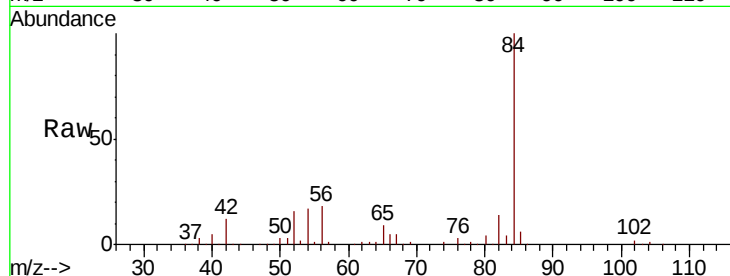
Instrument :

MSVOA_U

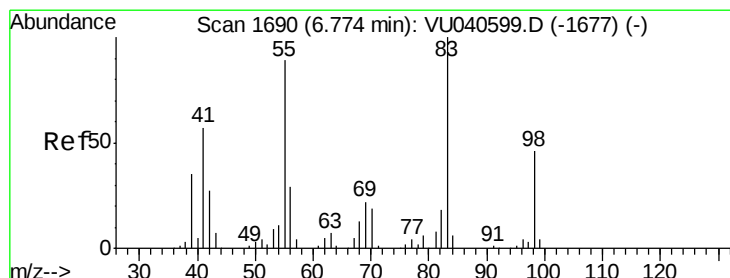
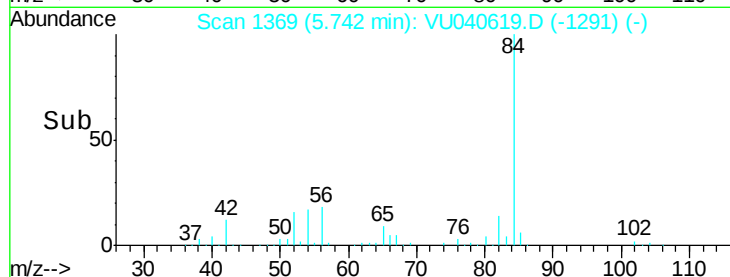
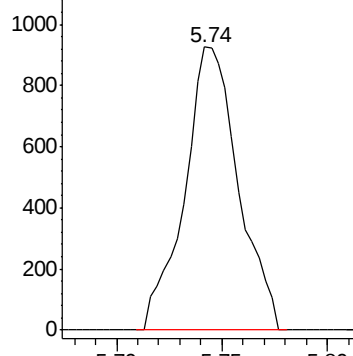
ClientSampleId :

ETZ11

Tgt Ion: 78 Resp: 1645



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.894 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.07 min

Lab File: VU040619.D

Acq: 10 Oct 2020 05:33

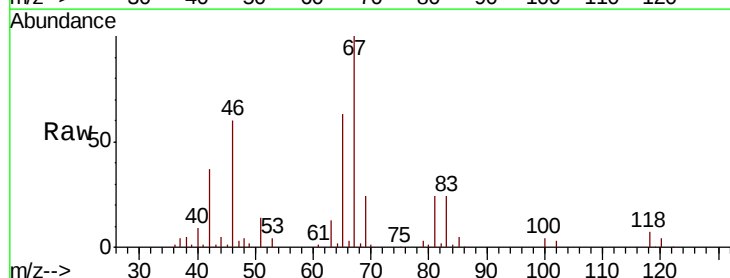
Tgt Ion: 83 Resp: 14014

Ion Ratio Lower Upper

83 100

55 0.0 70.7 106.1#

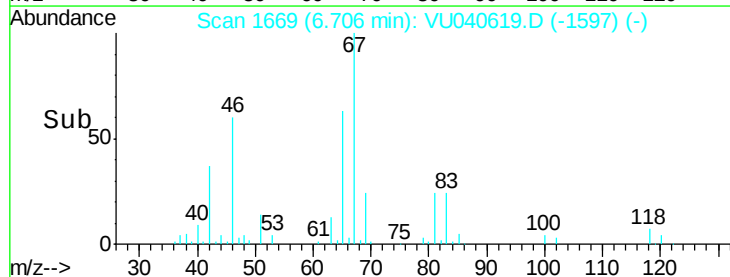
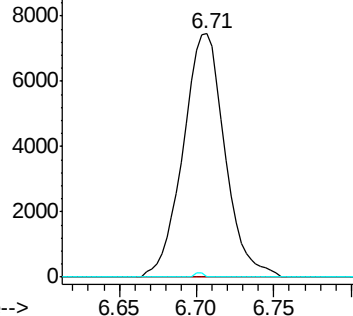
98 0.3 38.4 57.6#

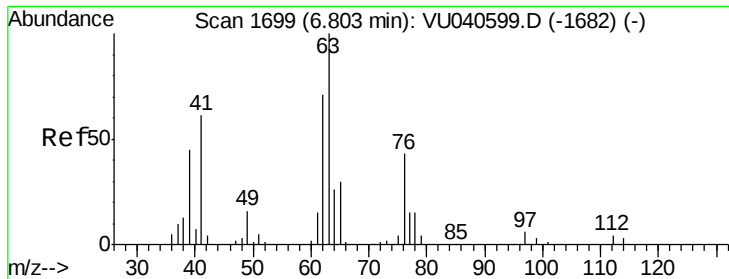


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

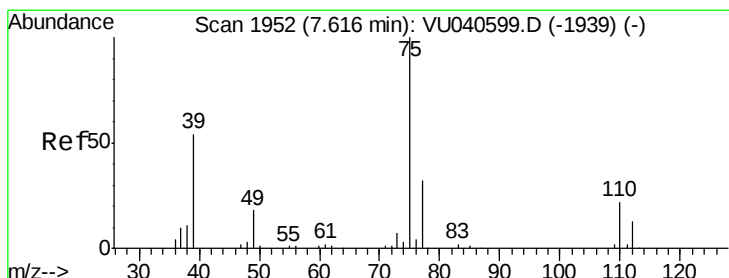
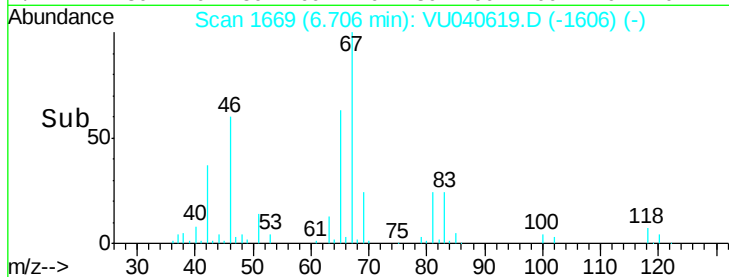
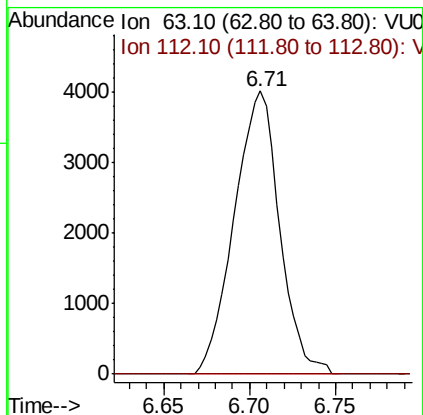
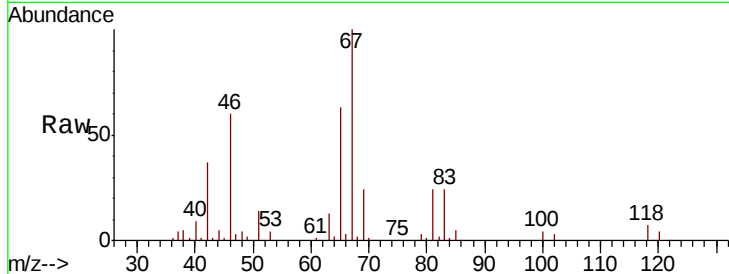




#37
 1,2-Dichloropropane
 Concen: 0.622 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU040619.D
 Acq: 10 Oct 2020 05:33

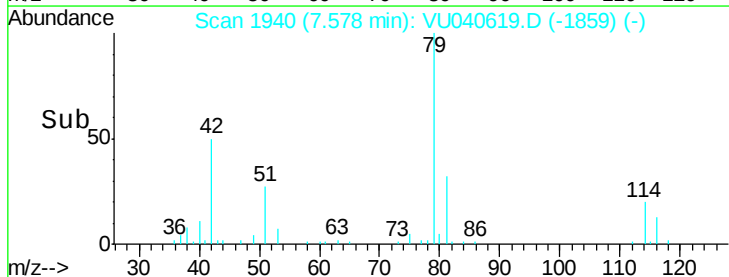
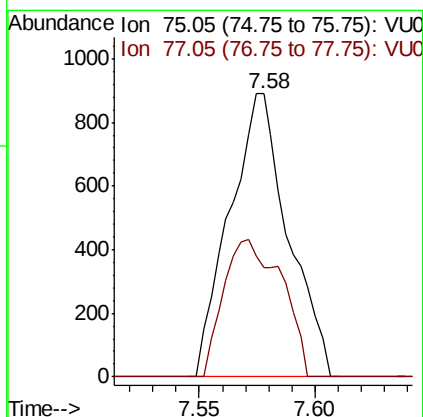
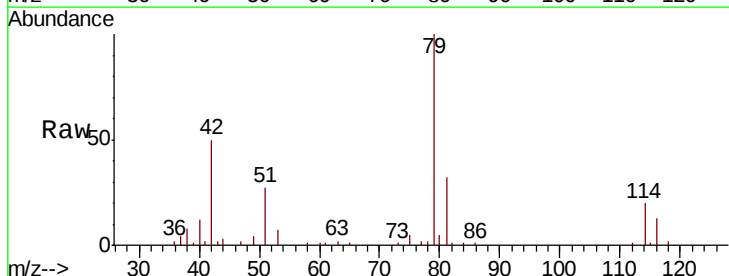
Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ11

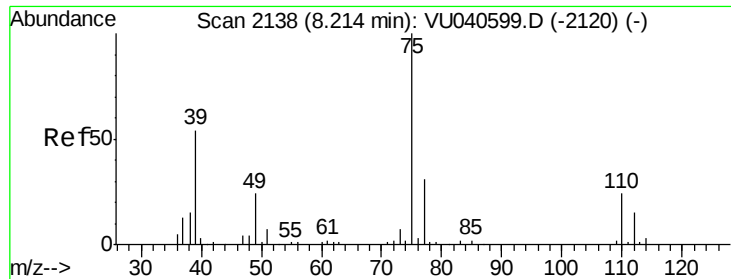
Tot Ion: 63 Resp: 7388
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU040619.D
 Acq: 10 Oct 2020 05:33

Tgt Ion: 75 Resp: 1568
 Ion Ratio Lower Upper
 75 100
 77 38.7 20.5 38.1#





#44

trans-1,3-Dichloropropene

Concen: 0.070 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040619.D

Acq: 10 Oct 2020 05:33

Instrument :

MSVOA_U

ClientSampleId :

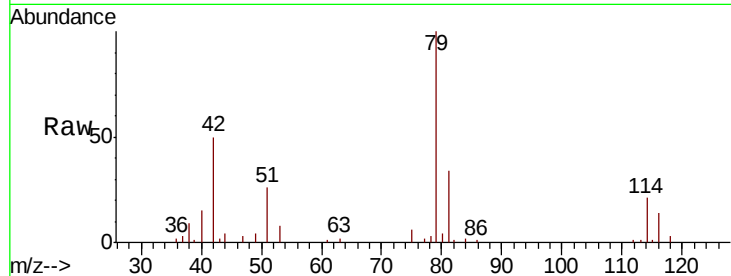
ETZ11

Tot Ion: 75 Resp: 1052

Ion Ratio Lower Upper

75 100

77 34.0 20.4 38.0



Abundance Ion 75.05 (74.75 to 75.75): VU040599.D (-2120) (-)

Ion 77.05 (76.75 to 77.75): VU040599.D (-2120) (-)

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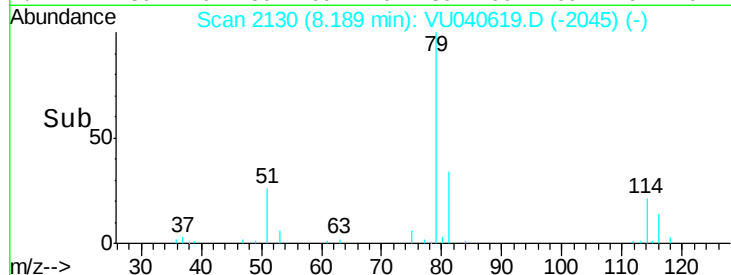
8.19

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#48

2-Hexanone

Concen: 2.476 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040619.D

Acq: 10 Oct 2020 05:33

Tgt Ion: 43 Resp: 17467

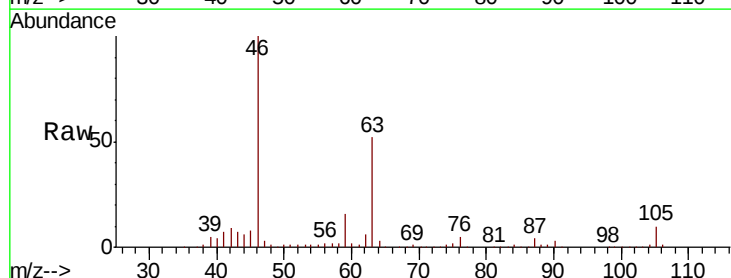
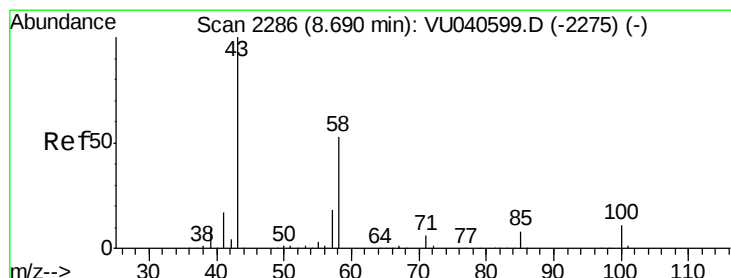
Ion Ratio Lower Upper

43 100

58 35.1 41.0 61.6#

57 32.7 14.4 21.6#

100 1.2 8.6 13.0#



Abundance Ion 43.05 (42.75 to 43.75): VU040599.D (-2275) (-)

Ion 58.05 (57.75 to 58.75): VU040599.D (-2275) (-)

Ion 57.20 (56.90 to 57.90): VU040599.D (-2275) (-)

Ion 100.15 (99.85 to 100.85): VU040599.D (-2275) (-)

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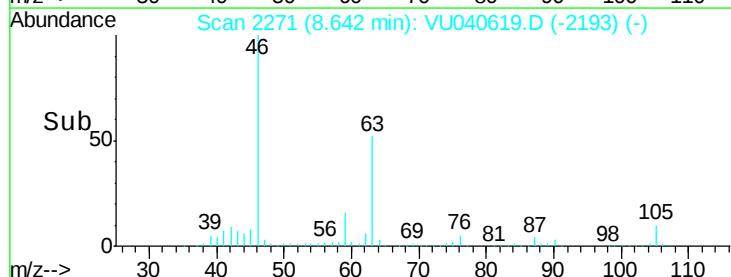
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8.64

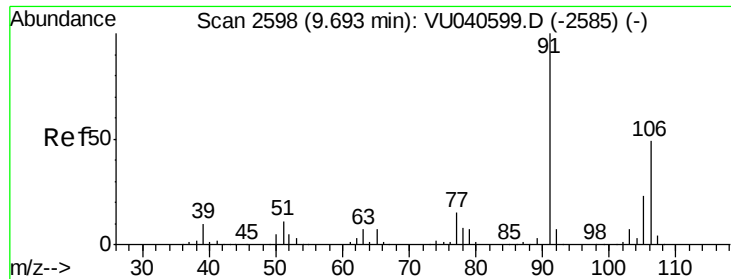
8.64

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Time-->



#53

m,p-Xylene

Concen: 0.116 ug/L

RT: 9.70 min Scan# 2599

Delta R.T. 0.00 min

Lab File: VU040619.D

Acq: 10 Oct 2020 05:33

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ClientSampleId :

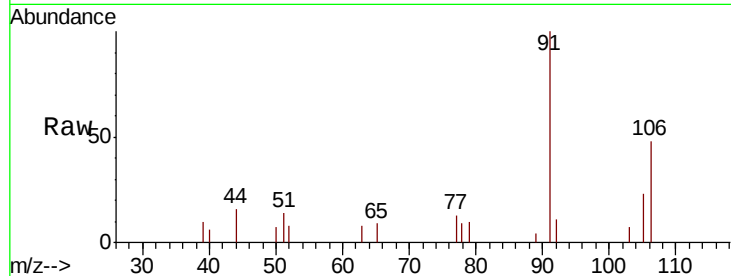
ETZ11

Tot Ion:106 Resp: 1994

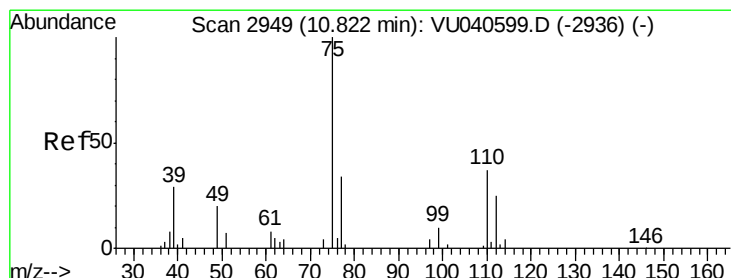
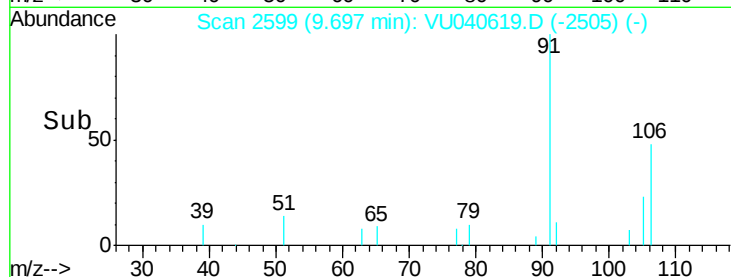
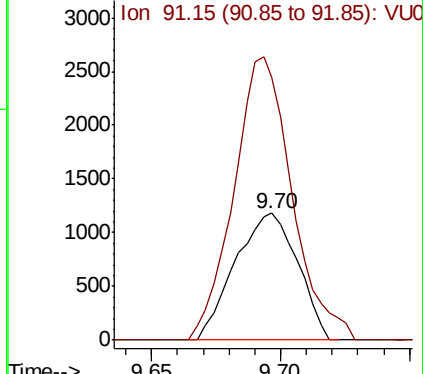
Ion Ratio Lower Upper

106 100

91 207.6 148.5 275.7



Abundance Ion 106.15 (105.85 to 106.85): VU040619.D (-2585) (-)



#59

1,2,3-Trichloropropane

Concen: 0.835 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040619.D

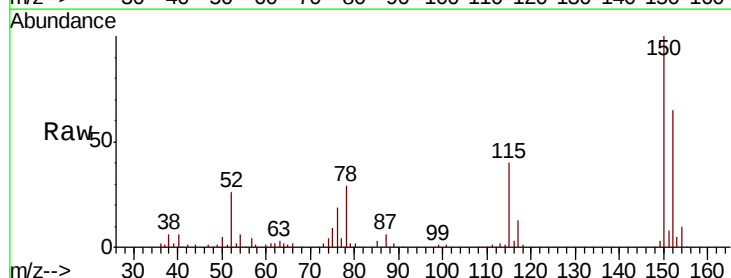
Acq: 10 Oct 2020 05:33

Tgt Ion: 75 Resp: 7290

Ion Ratio Lower Upper

75 100

77 43.6 26.4 39.6#



Abundance Ion 75.00 (74.70 to 75.70): VU040619.D (-2936) (-)

