

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101920\
 Data File : VU040833.D
 Acq On : 20 Oct 2020 02:56
 Operator : SY/MD
 Sample : L4428-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ29

Quant Time: Oct 20 05:21:58 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	108702	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	110194	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	44392	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	26211	2.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.20%
7) Chloroethane-d5	1.92	69	28138	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.00%
11) 1,1-Dichloroethene-d2	2.58	63	42920	2.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.80%#
20) 2-Butanone-d5	4.66	46	171102	59.36	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.72%
24) Chloroform-d	5.08	84	78448	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.72	65	47738	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.74	84	124420	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
36) 1,2-Dichloropropane-d6	6.70	67	47317	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.91	98	92357	3.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.40%#
43) trans-1,3-Dichloropropene-	8.19	79	17644	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.64	63	113107	52.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.02%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46819	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	41445	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

				Ovalue
3) Chloromethane	1.48	50	25251	2.742 ug/L # 43
8) Chloroethane	2.15	64	2156	0.349 ug/L # 50
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	466	0.052 ug/L # 20
13) Acetone	2.66	43	2290	1.025 ug/L 89
14) Carbon disulfide	2.81	76	37911	1.746 ug/L 98
27) 1,2-Dichloroethane	5.74	62	774	0.064 ug/L # 77
33) Benzene	5.79	78	3191	0.090 ug/L 100
35) Methylcyclohexane	6.70	83	11503	0.884 ug/L # 14
37) 1,2-Dichloropropane	6.70	63	5453	0.553 ug/L # 87
39) cis-1,3-Dichloropropene	7.57	75	1258	0.093 ug/L # 70
42) Toluene	7.97	91	5051	0.140 ug/L 82
44) trans-1,3-Dichloropropene	8.18	75	663	0.053 ug/L # 79
45) 1,1,2-Trichloroethane	8.28	97	833	0.113 ug/L # 14
48) 2-Hexanone	8.64	43	19562	3.341 ug/L # 68
59) 1,2,3-Trichloropropane	11.81	75	5801	0.801 ug/L # 82

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 20 05:12:18 2020
Response via : Initial Calibration

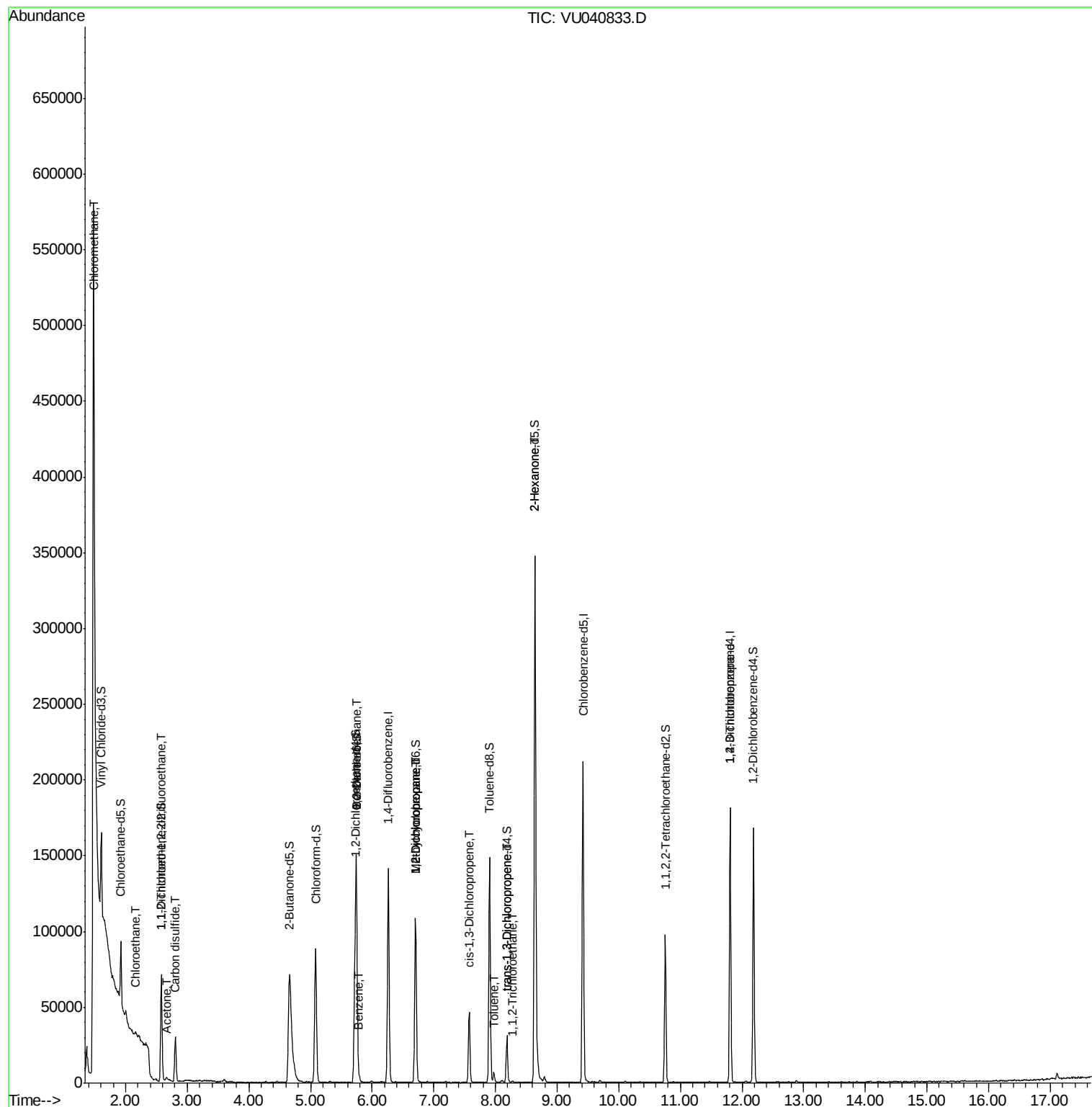
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

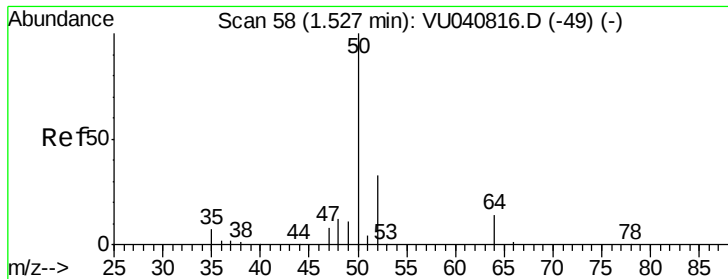
(#)= qualifier out of range (m)= manual integration (+)= signals summed						

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#3

Chloromethane

Concen: 2.742 ug/L

RT: 1.48 min Scan# 43

Delta R.T. -0.05 min

Lab File: VU040833.D

Acq: 20 Oct 2020 02:56

Instrument :

MSVOA_U

ClientSampleId :

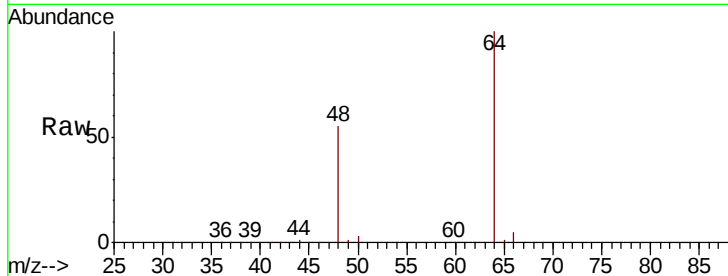
ETZ29

Tot Ion: 50 Resp: 25251

Ion Ratio Lower Upper

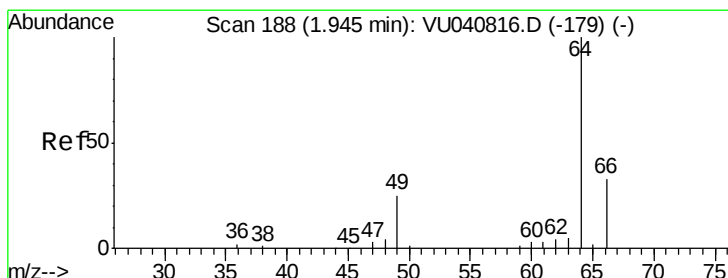
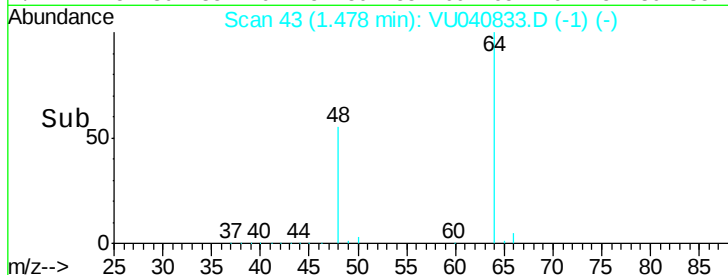
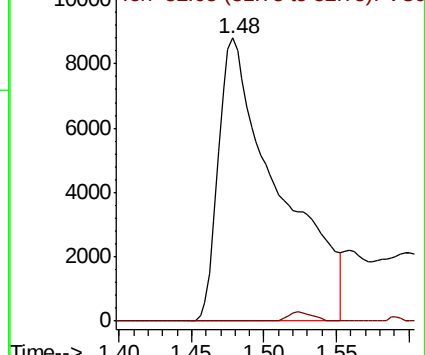
50 100

52 0.0 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: 0.349 ug/L

RT: 2.15 min Scan# 251

Delta R.T. 0.20 min

Lab File: VU040833.D

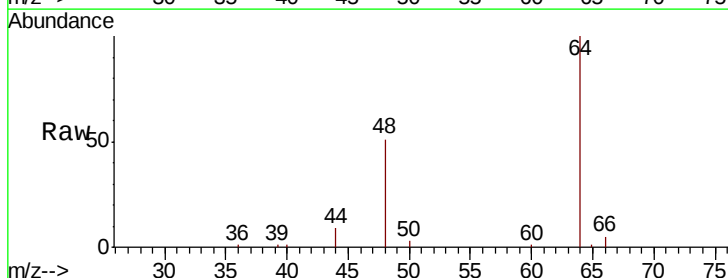
Acq: 20 Oct 2020 02:56

Tgt Ion: 64 Resp: 2156

Ion Ratio Lower Upper

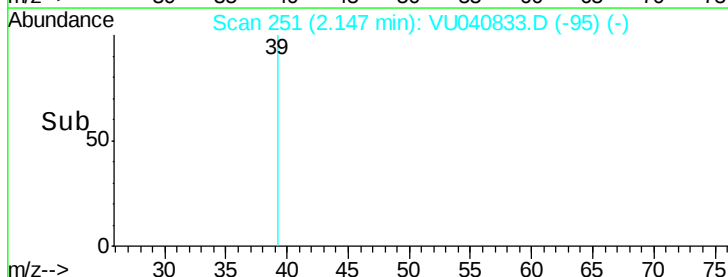
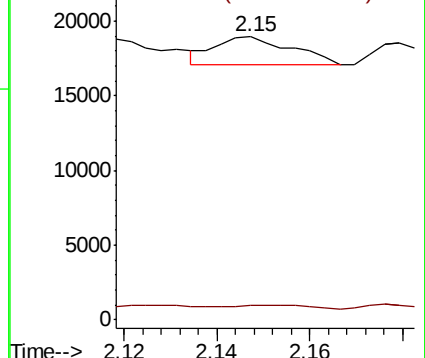
64 100

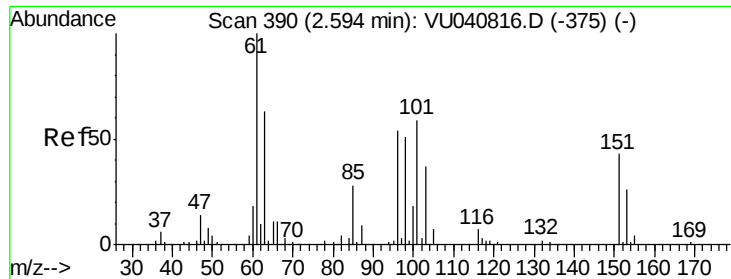
66 5.0 23.3 43.3#



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: 0.052 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040833.D

Acq: 20 Oct 2020 02:56

Instrument :

MSVOA_U

ClientSampleId :

ETZ29

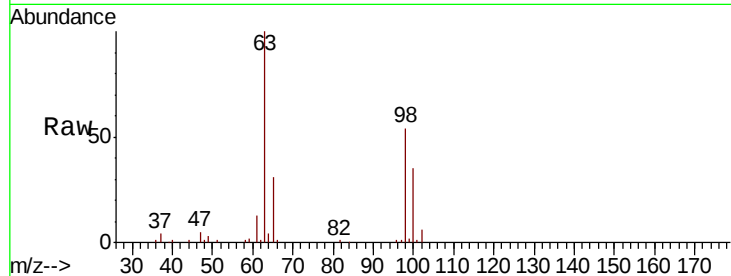
Tot Ion:101 Resp: 466

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

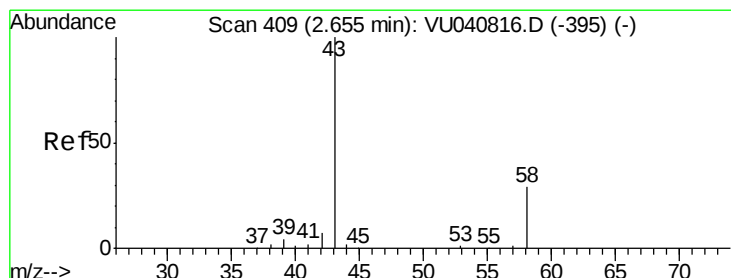
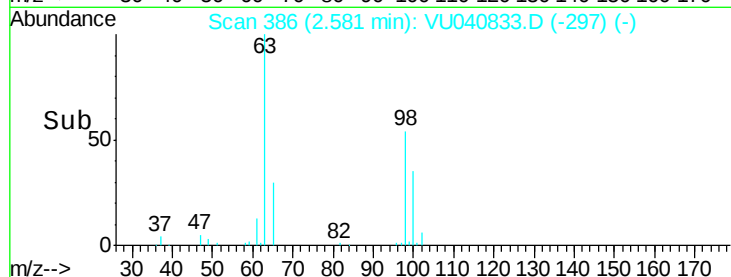
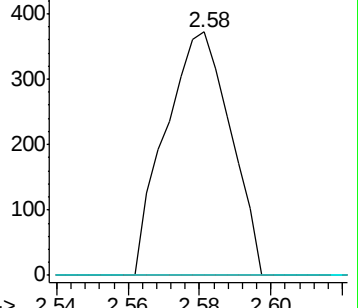
151 0.0 58.0 87.0#



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



#13

Acetone

Concen: 1.025 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.01 min

Lab File: VU040833.D

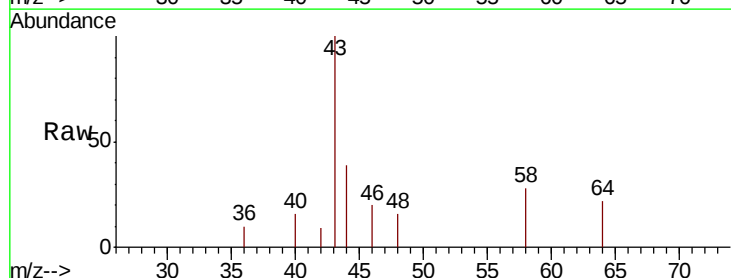
Acq: 20 Oct 2020 02:56

Tgt Ion: 43 Resp: 2290

Ion Ratio Lower Upper

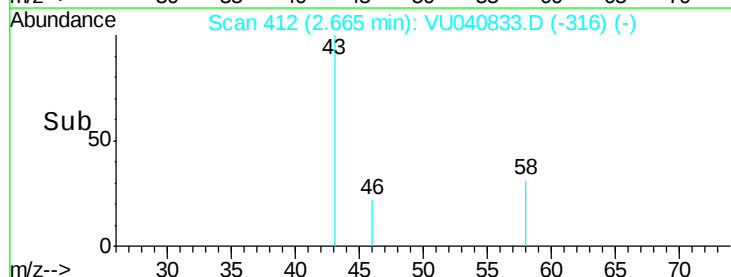
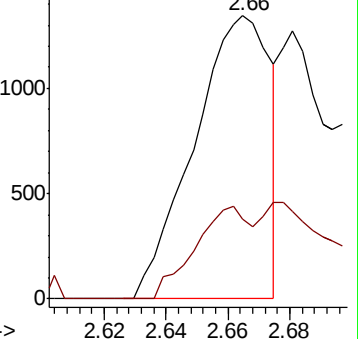
43 100

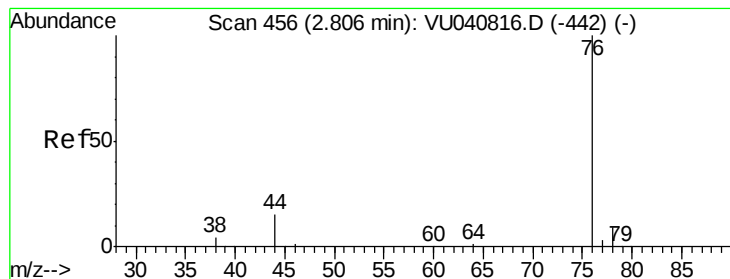
58 24.1 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#14

Carbon disulfide

Concen: 1.746 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU040833.D

Acq: 20 Oct 2020 02:56

Instrument :

MSVOA_U

ClientSampleId :

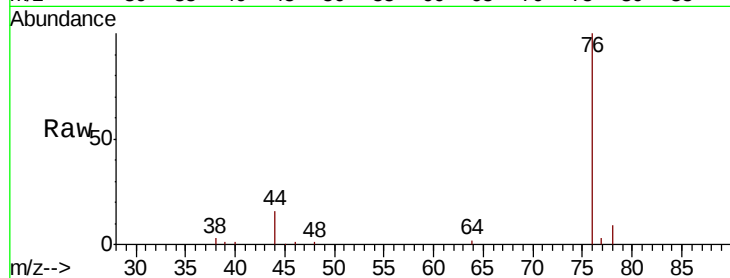
ETZ29

Tot Ion: 76 Resp: 37911

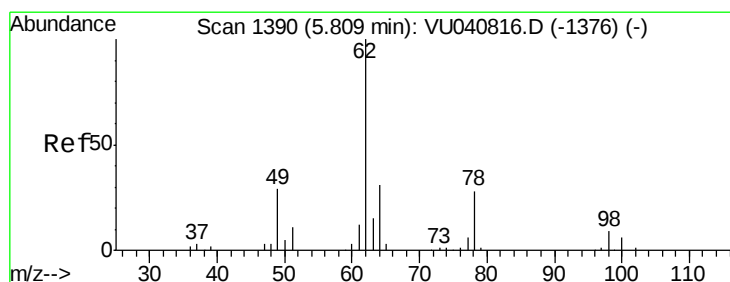
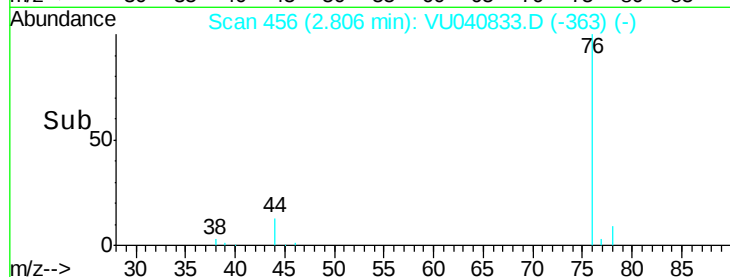
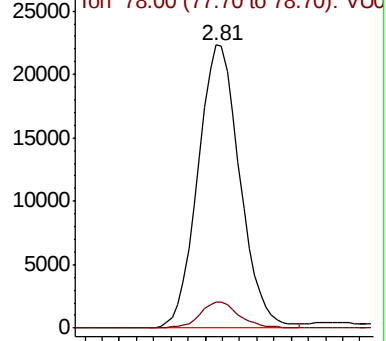
Ion Ratio Lower Upper

76 100

78 9.1 6.8 10.2



Abundance Ion 76.05 (75.75 to 76.75): VU040833.D (-363) (-)



#27

1,2-Dichloroethane

Concen: 0.064 ug/L

RT: 5.74 min Scan# 1369

Delta R.T. -0.07 min

Lab File: VU040833.D

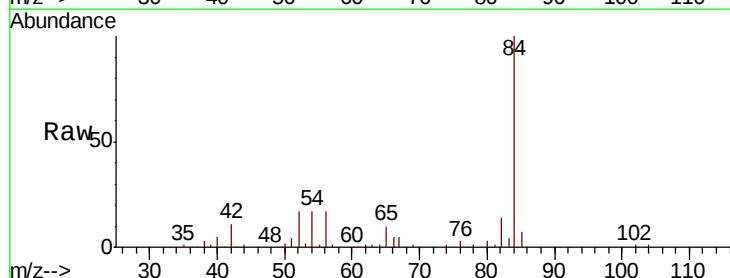
Acq: 20 Oct 2020 02:56

Tgt Ion: 62 Resp: 774

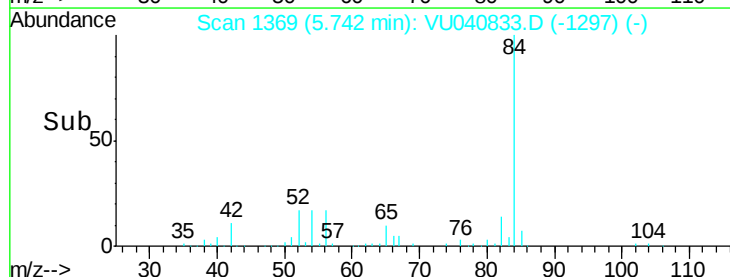
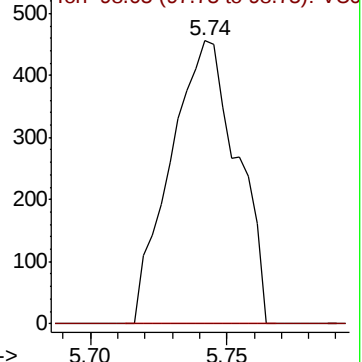
Ion Ratio Lower Upper

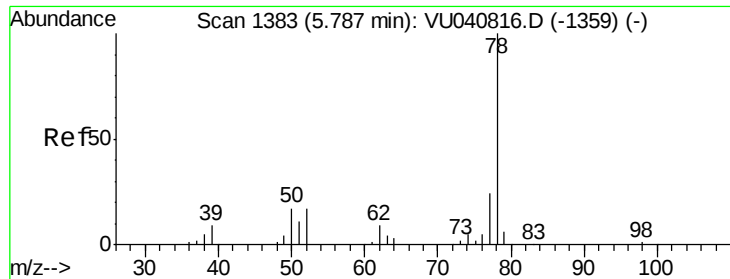
62 100

98 0.0 6.6 10.0#



Abundance Ion 62.00 (61.70 to 62.70): VU040833.D (-1297) (-)

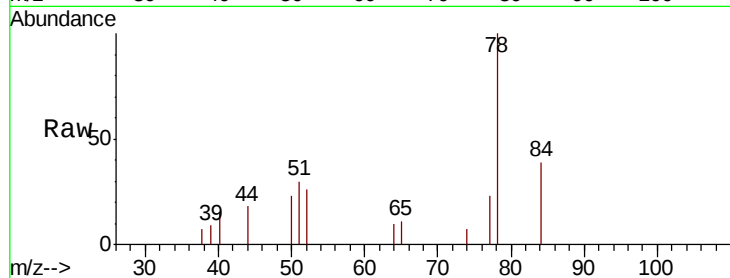




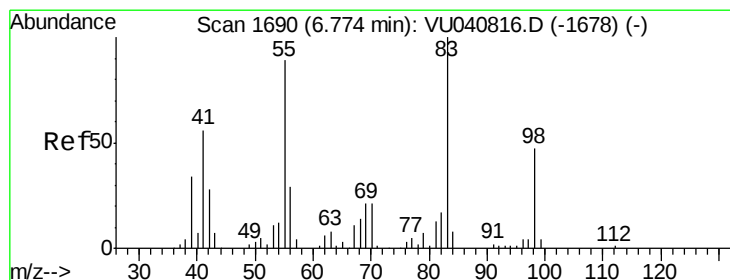
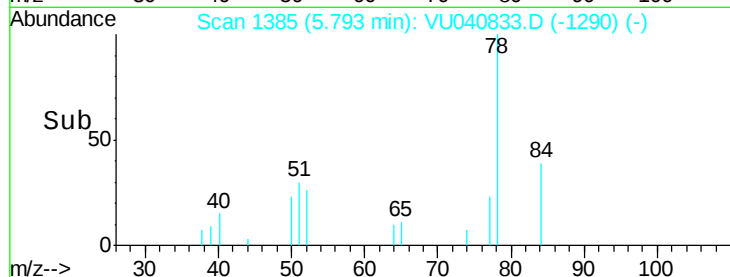
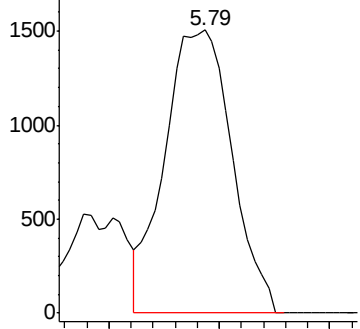
#33
Benzene
Concen: 0.090 ug/L
RT: 5.79 min Scan# 1385
Delta R.T. 0.01 min
Lab File: VU040833.D
Acq: 20 Oct 2020 02:56

Instrument :
MSVOA_U
ClientSampleId :
ETZ29

Tgt Ion: 78 Resp: 3191

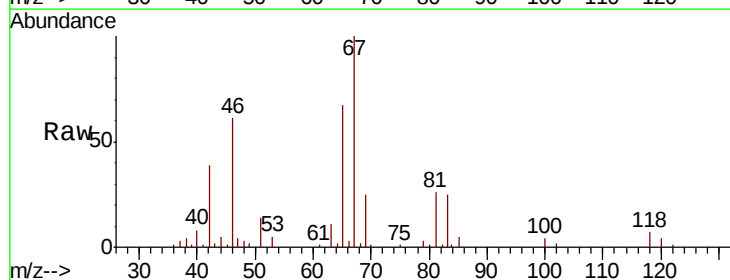


Abundance Ion 78.10 (77.80 to 78.80): VU0



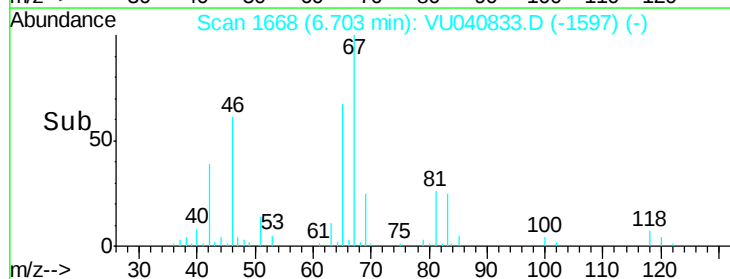
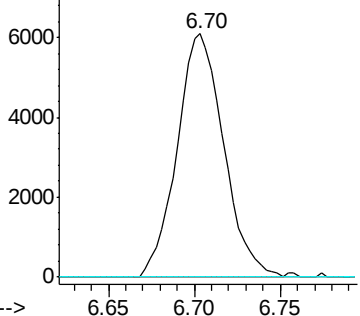
#35
Methylcyclohexane
Concen: 0.884 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040833.D
Acq: 20 Oct 2020 02:56

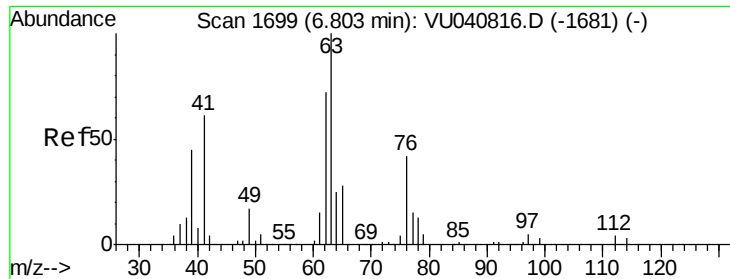
Tgt Ion: 83 Resp: 11503
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 0.0 38.4 57.6#



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

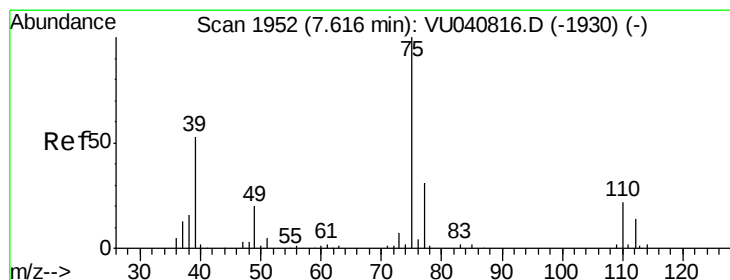
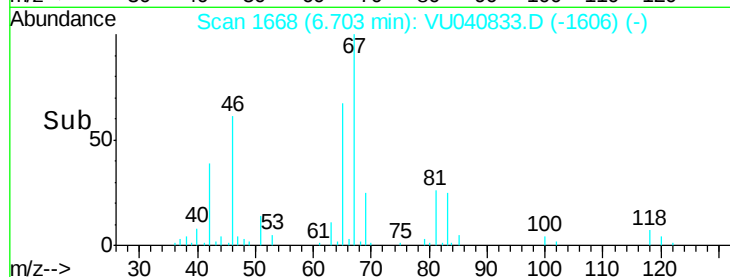
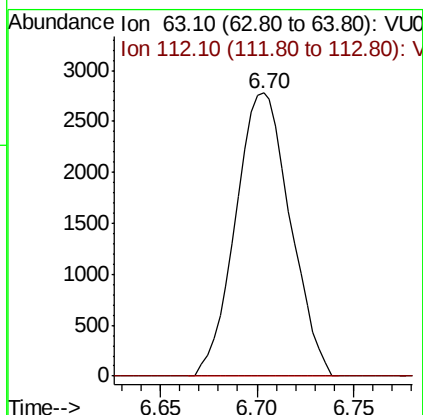
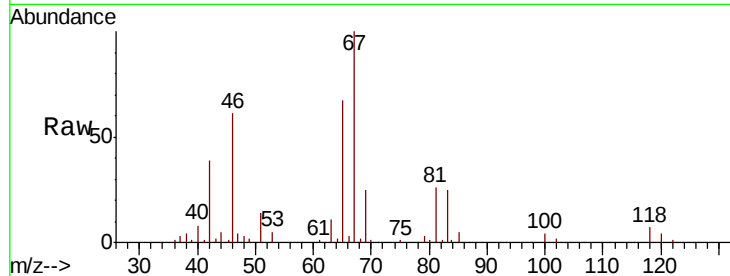




#37
 1,2-Dichloropropane
 Concen: 0.553 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040833.D
 Acq: 20 Oct 2020 02:56

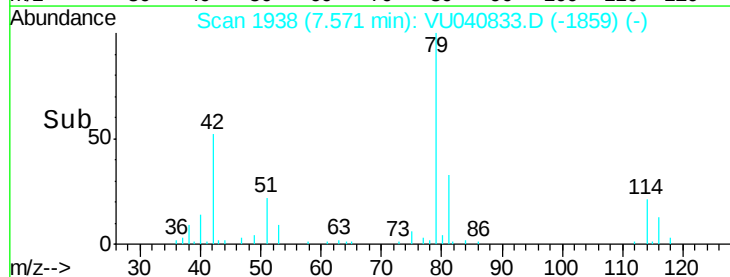
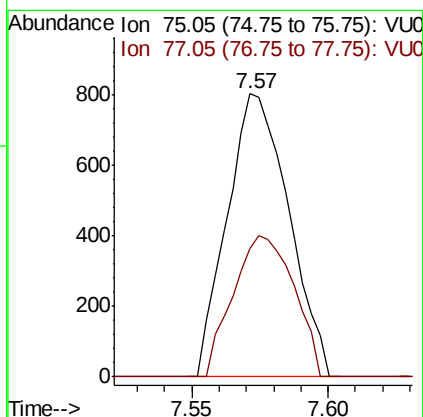
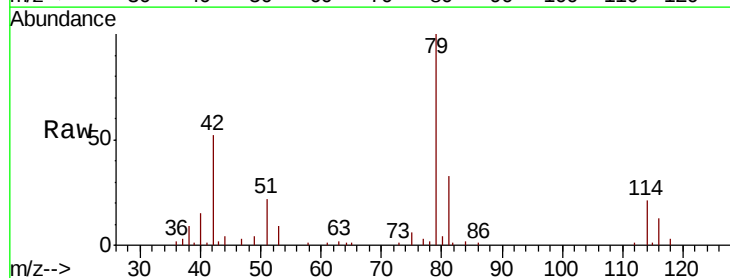
Instrument :
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 ClientSampleId :
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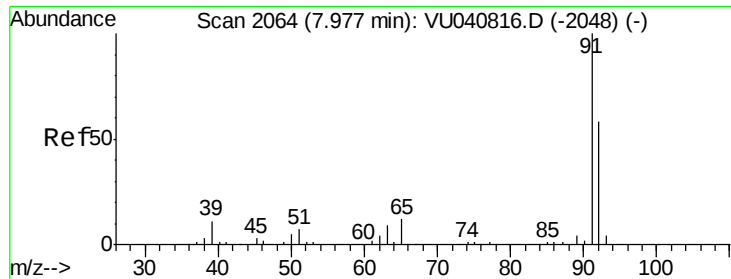
Tot Ion: 63 Resp: 5453
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040833.D
 Acq: 20 Oct 2020 02:56

Tgt Ion: 75 Resp: 1258
 Ion Ratio Lower Upper
 75 100
 77 45.3 20.5 38.1#





#42

Toluene

Concen: 0.140 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU040833.D

Acq: 20 Oct 2020 02:56

Instrument :

MSVOA_U

ClientSampleId :

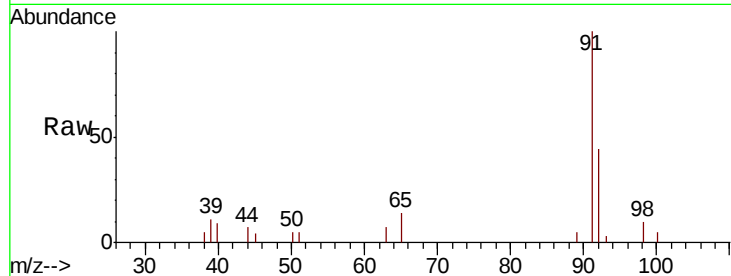
ETZ29

Tot Ion: 91 Resp: 5051

Ion Ratio Lower Upper

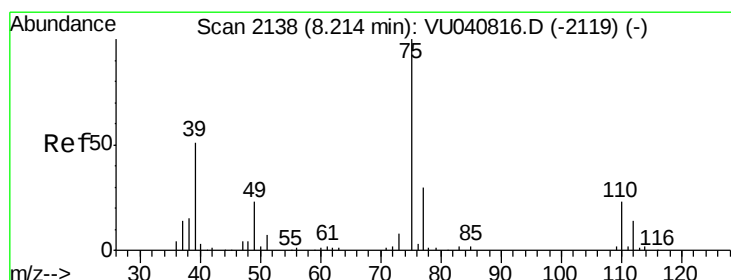
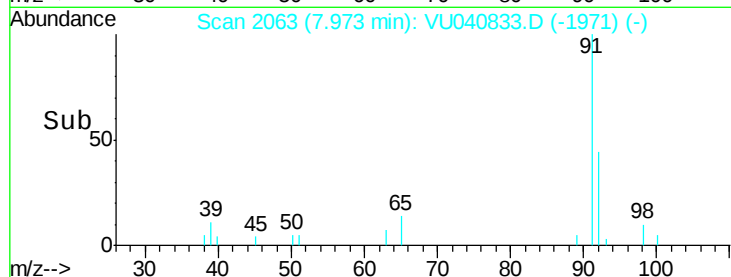
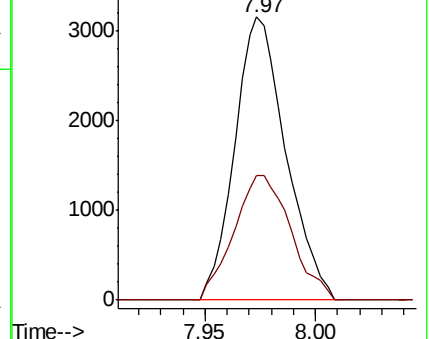
91 100

92 44.2 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.053 ug/L

RT: 8.18 min Scan# 2127

Delta R.T. -0.04 min

Lab File: VU040833.D

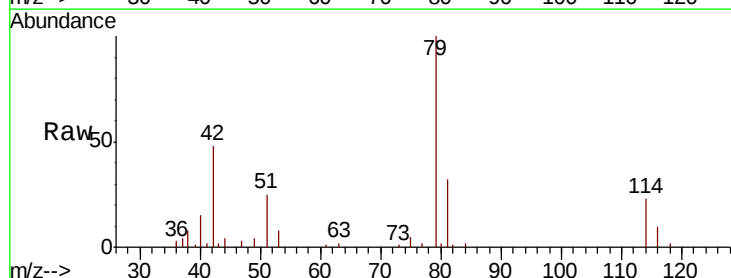
Acq: 20 Oct 2020 02:56

Tgt Ion: 75 Resp: 663

Ion Ratio Lower Upper

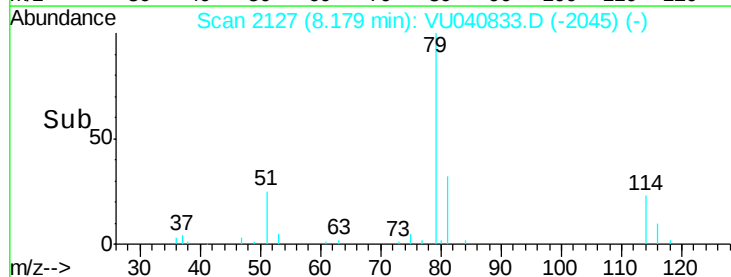
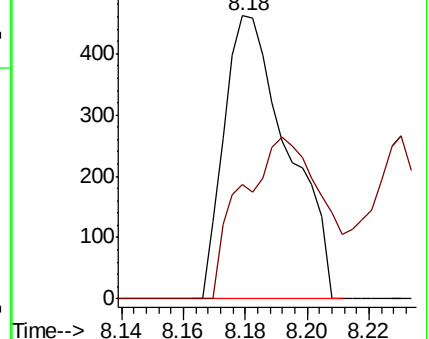
75 100

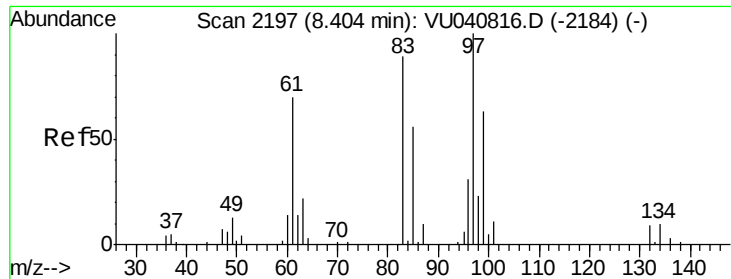
77 40.5 20.4 38.0#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

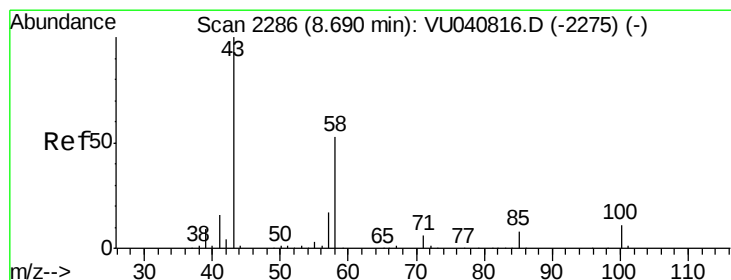
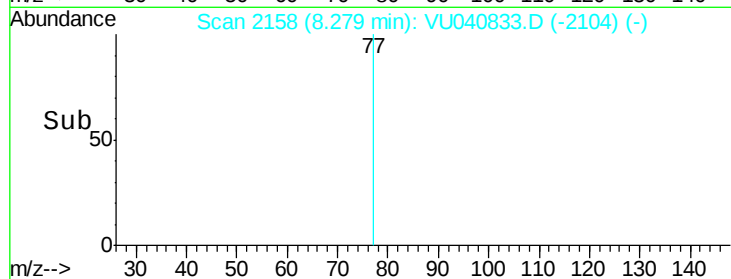
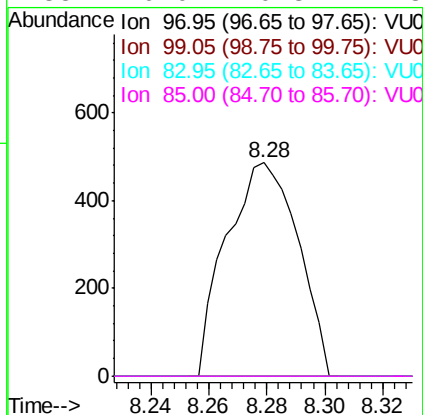
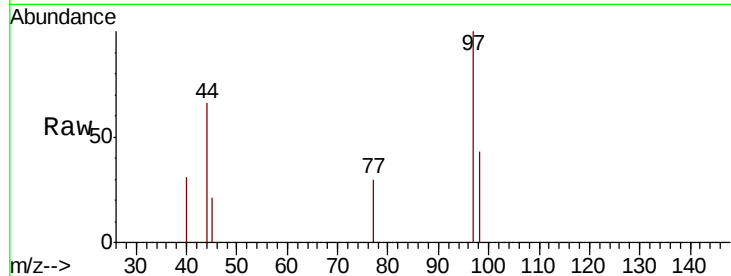




#45
 1,1,2-Trichloroethane
 Concen: 0.113 ug/L
 RT: 8.28 min Scan# 2158
 Delta R.T. -0.13 min
 Lab File: VU040833.D
 Acq: 20 Oct 2020 02:56

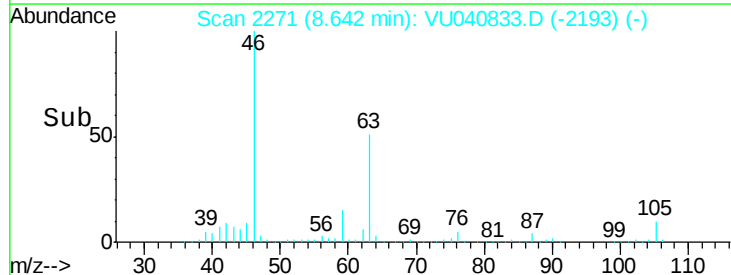
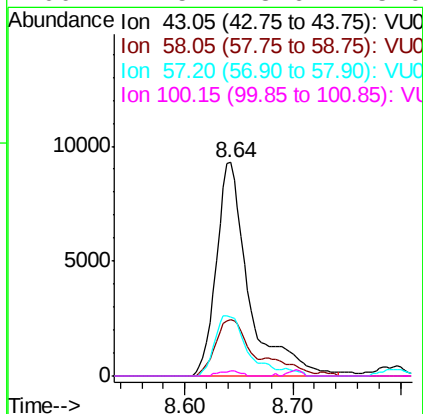
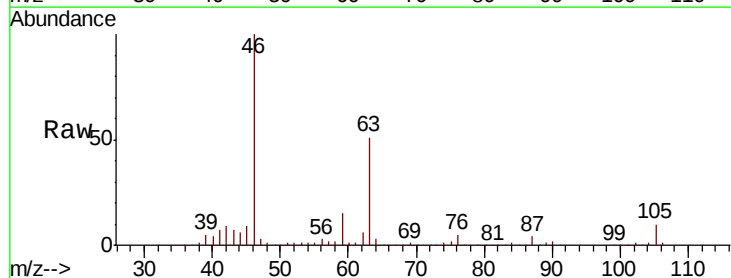
Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ29

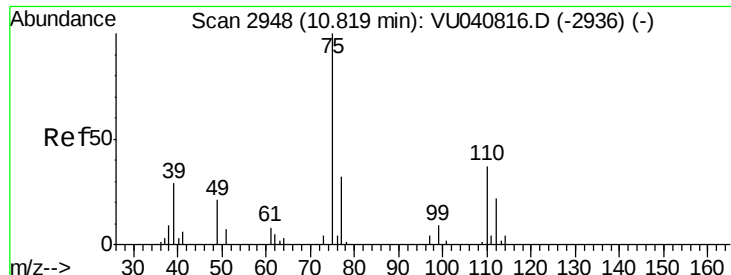
Tot Ion: 97 Resp: 833
 Ion Ratio Lower Upper
 97 100
 99 0.0 44.0 81.6#
 83 0.0 62.9 116.9#
 85 0.0 40.3 74.8#



#48
 2-Hexanone
 Concen: 3.341 ug/L
 RT: 8.64 min Scan# 2271
 Delta R.T. -0.05 min
 Lab File: VU040833.D
 Acq: 20 Oct 2020 02:56

Tgt Ion: 43 Resp: 19562
 Ion Ratio Lower Upper
 43 100
 58 25.0 41.0 61.6#
 57 27.7 14.4 21.6#
 100 1.5 8.6 13.0#





#59

1,2,3-Trichloropropane

Concen: 0.801 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040833.D

Acq: 20 Oct 2020 02:56

Instrument :

MSVOA_U

ClientSampleId :

ETZ29

Tot Ion: 75 Resp: 5801

Ion Ratio Lower Upper

75 100

77 43.0 26.4 39.6#

