

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101920\
 Data File : VU040831.D
 Acq On : 20 Oct 2020 02:10
 Operator : SY/MD
 Sample : L4428-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ27

Quant Time: Oct 20 05:21:35 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	107645	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	114133	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47430	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	25183	2.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.40%
7) Chloroethane-d5	1.92	69	26332	3.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.60%
11) 1,1-Dichloroethene-d2	2.58	63	41753	2.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.80%#
20) 2-Butanone-d5	4.66	46	161036	56.42	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.84%
24) Chloroform-d	5.08	84	75714	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.72	65	47964	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.75	84	123201	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
36) 1,2-Dichloropropane-d6	6.70	67	45998	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.91	98	88820	3.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.40%#
43) trans-1,3-Dichloropropene-	8.19	79	16664	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	8.64	63	103376	46.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.68%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44653	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	43398	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

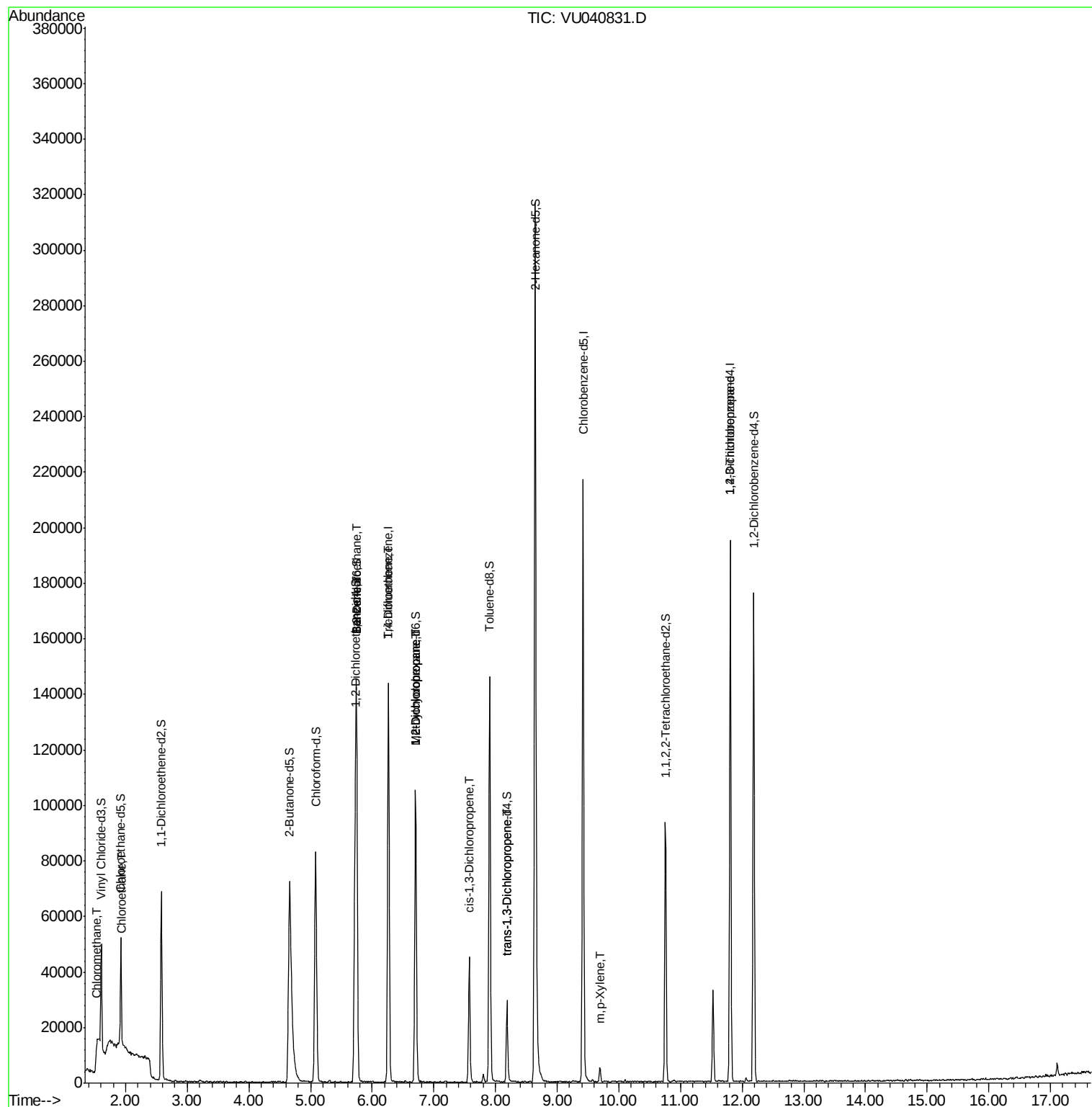
					Ovalue
3) Chloromethane	1.53	50	955	0.105 ug/L #	70
8) Chloroethane	1.94	64	382	0.062 ug/L #	50
27) 1,2-Dichloroethane	5.75	62	658	0.055 ug/L #	77
33) Benzene	5.74	78	1045	0.028 ug/L	100
34) Trichloroethene	6.27	95	1886	0.198 ug/L #	5
35) Methylcyclohexane	6.70	83	11337	0.841 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5261	0.515 ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1245	0.089 ug/L #	59
44) trans-1,3-Dichloropropene	8.19	75	832	0.065 ug/L #	82
53) m,p-Xylene	9.70	106	1743	0.118 ug/L	64
59) 1,2,3-Trichloropropane	11.81	75	6231	0.830 ug/L #	83

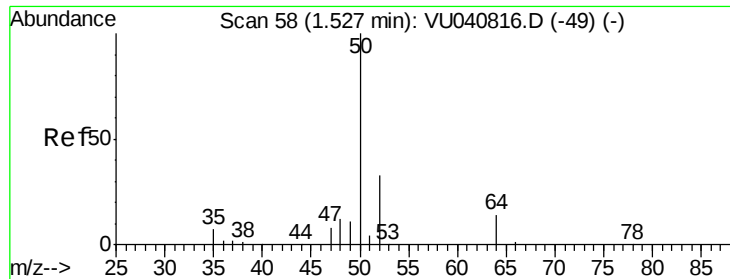
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#3

Chloromethane

Concen: 0.105 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040831.D

Acq: 20 Oct 2020 02:10

Instrument :

MSVOA_U

ClientSampleId :

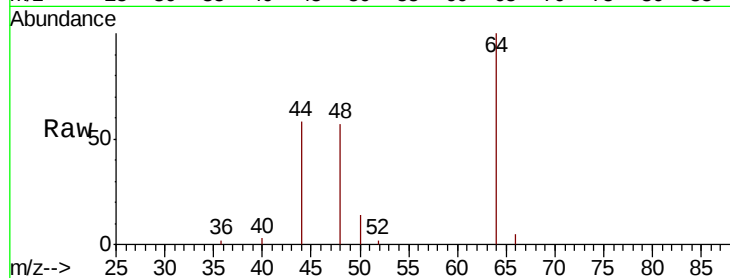
ETZ27

Tot Ion: 50 Resp: 955

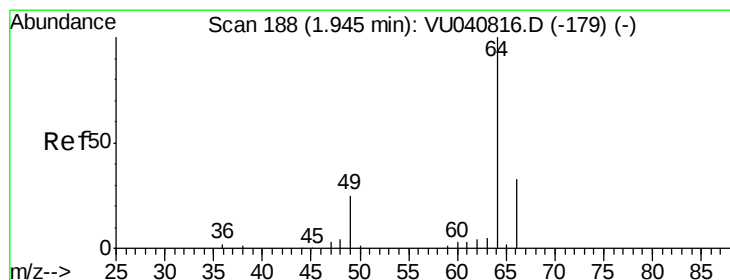
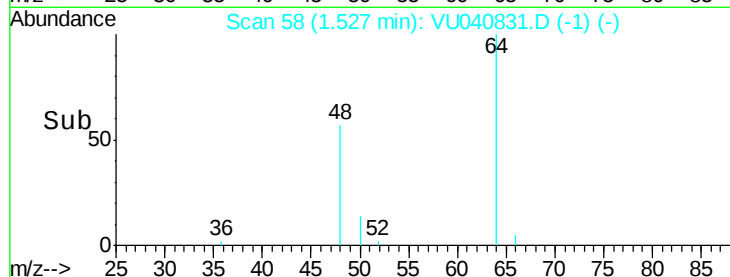
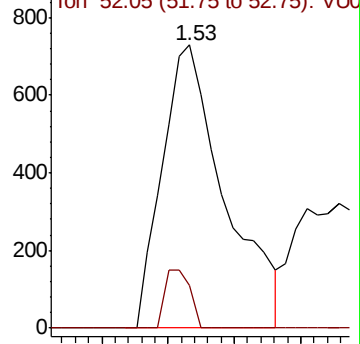
Ion Ratio Lower Upper

50 100

52 15.0 21.9 40.7#



Abundance Ion 50.05 (49.75 to 50.75): VU040831.D (-1) (-)



#8

Chloroethane

Concen: 0.062 ug/L

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU040831.D

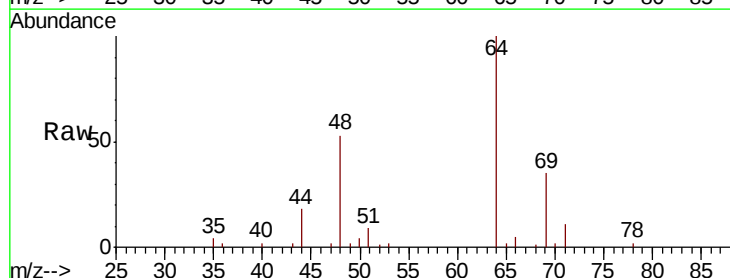
Acq: 20 Oct 2020 02:10

Tgt Ion: 64 Resp: 382

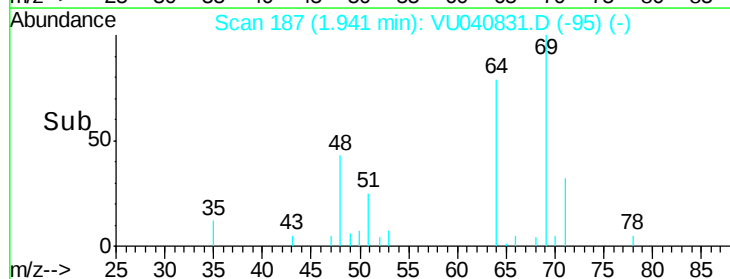
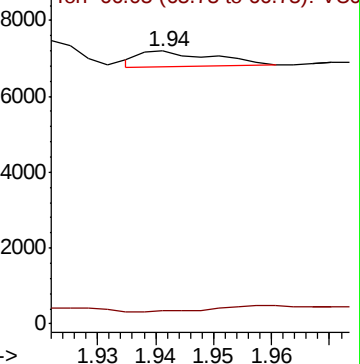
Ion Ratio Lower Upper

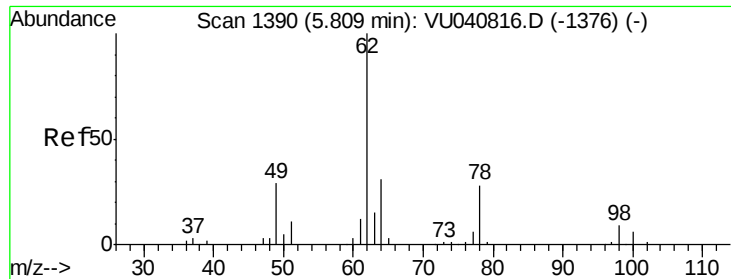
64 100

66 4.8 23.3 43.3#



Abundance Ion 64.10 (63.80 to 64.80): VU040831.D (-95) (-)

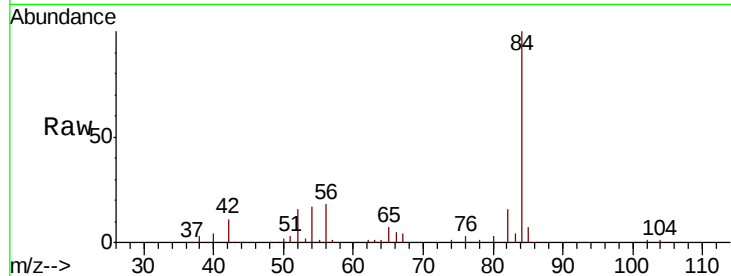




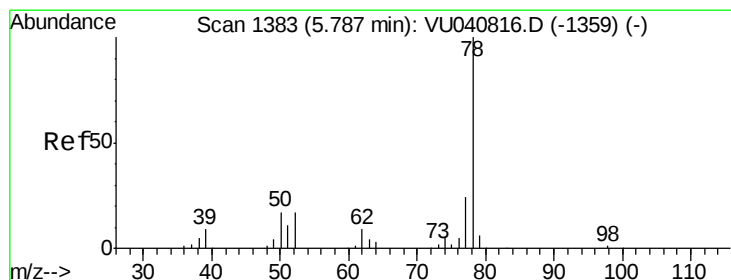
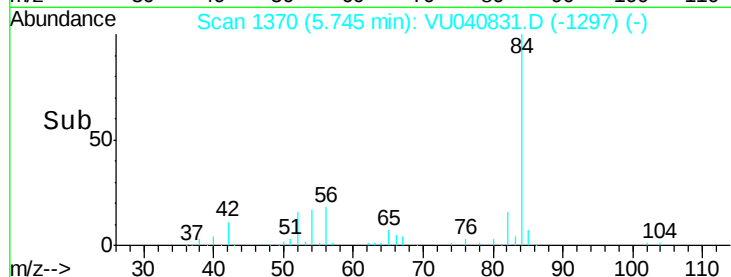
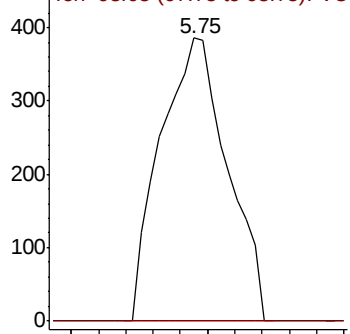
#27
 1,2-Dichloroethane
 Concen: 0.055 ug/L
 RT: 5.75 min Scan# 1370
 Delta R.T. -0.06 min
 Lab File: VU040831.D
 Acq: 20 Oct 2020 02:10

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ27

Tot Ion: 62 Resp: 658
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#

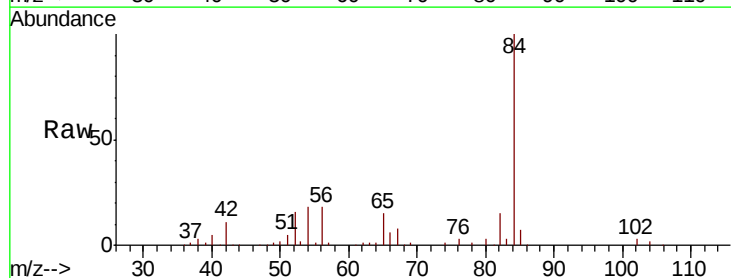


Abundance Ion 62.00 (61.70 to 62.70): VU0
 Ion 98.05 (97.75 to 98.75): VU0

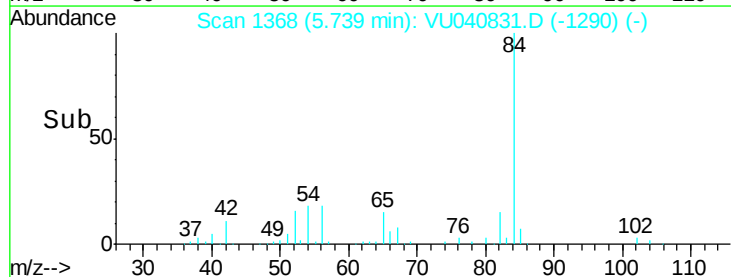
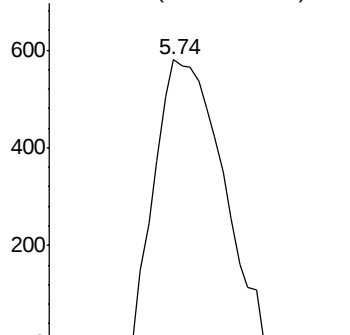


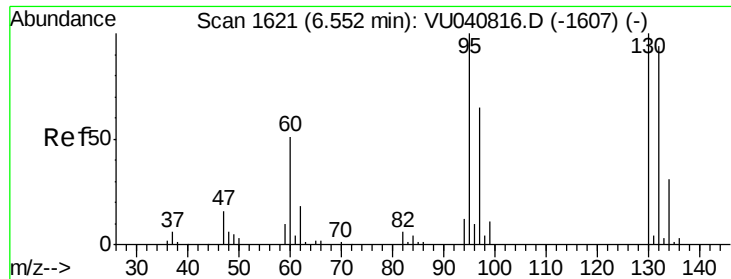
#33
 Benzene
 Concen: 0.028 ug/L
 RT: 5.74 min Scan# 1368
 Delta R.T. -0.05 min
 Lab File: VU040831.D
 Acq: 20 Oct 2020 02:10

Tgt Ion: 78 Resp: 1045



Abundance Ion 78.10 (77.80 to 78.80): VU0

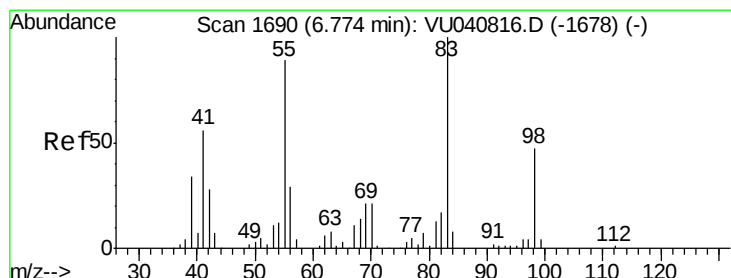
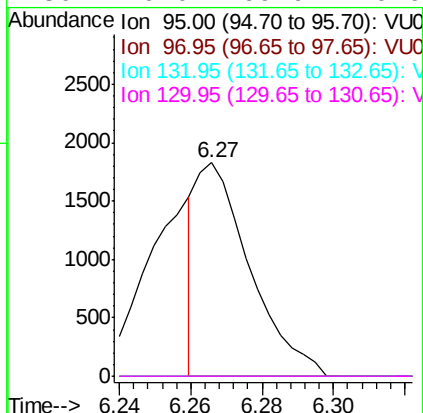
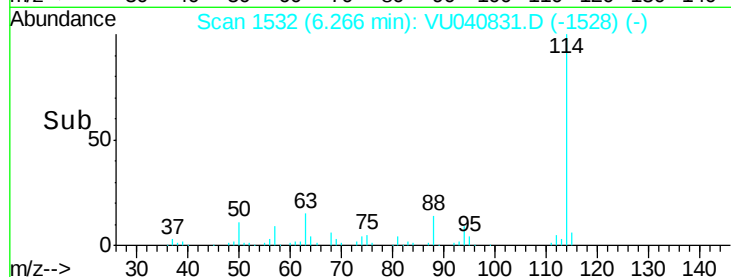
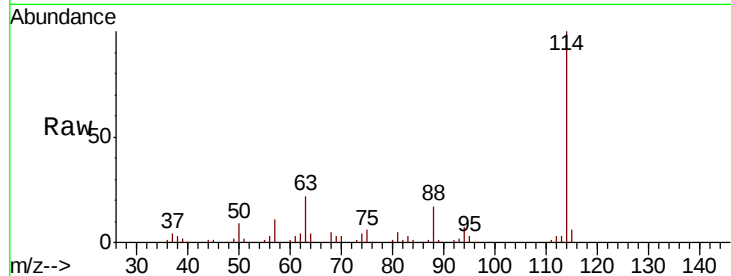




#34
 Trichloroethene
 Concen: 0.198 ug/L
 RT: 6.27 min Scan# 1532
 Delta R.T. -0.29 min
 Lab File: VU040831.D
 Acq: 20 Oct 2020 02:10

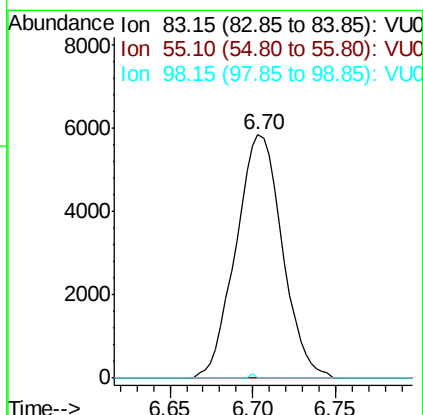
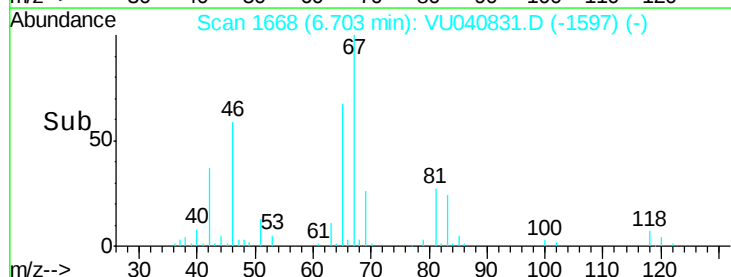
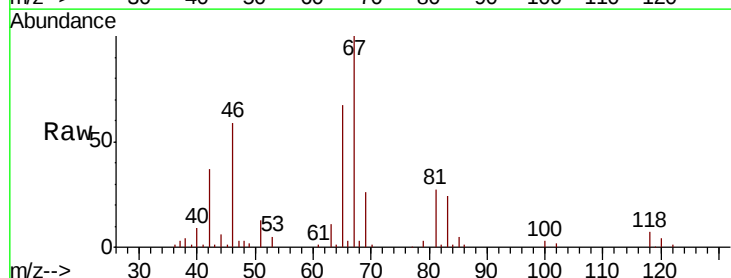
Instrument :
 MSVOA_U
 ClientSampled :
 ETZ27

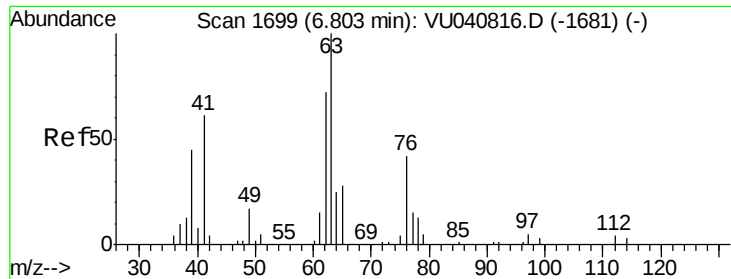
Tot Ion: 95 Resp: 1886
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.5 84.5#
 132 0.0 67.5 125.4#
 130 0.0 69.9 129.9#



#35
 Methylcyclohexane
 Concen: 0.841 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU040831.D
 Acq: 20 Oct 2020 02:10

Tgt Ion: 83 Resp: 11337
 Ion Ratio Lower Upper
 83 100
 55 0.0 70.7 106.1#
 98 0.2 38.4 57.6#

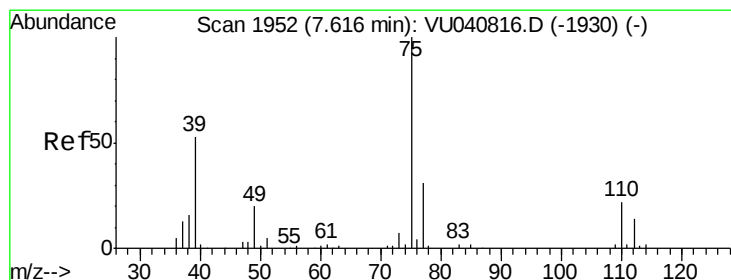
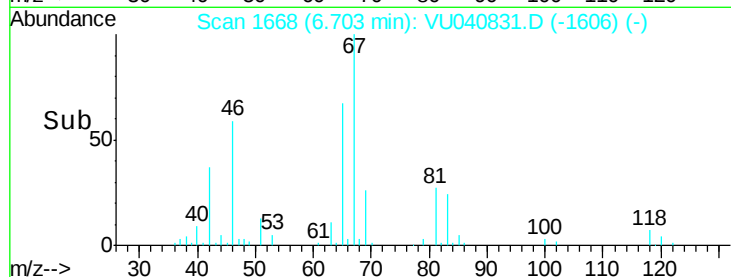
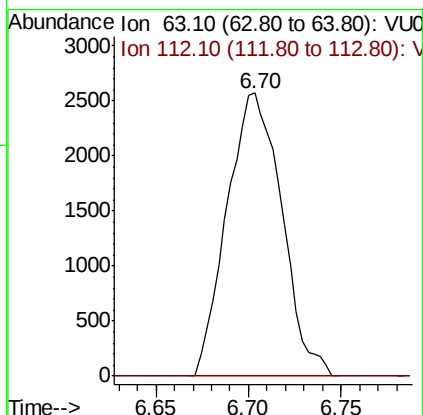
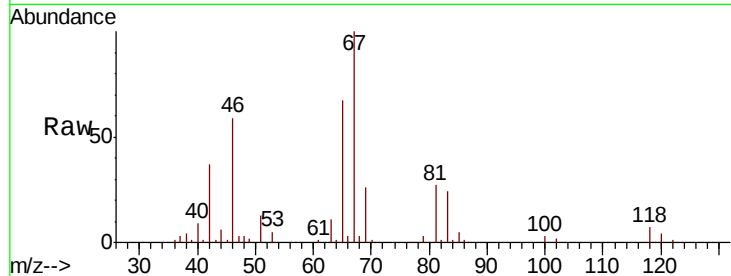




#37
 1,2-Dichloropropane
 Concen: 0.515 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040831.D
 Acq: 20 Oct 2020 02:10

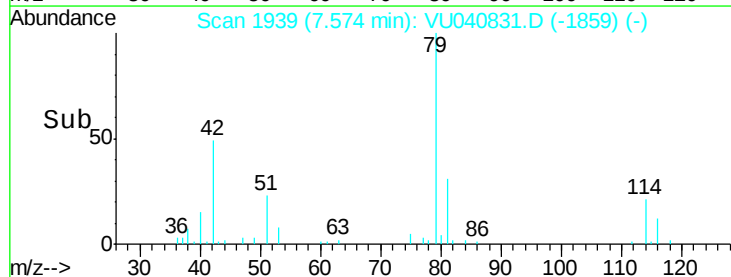
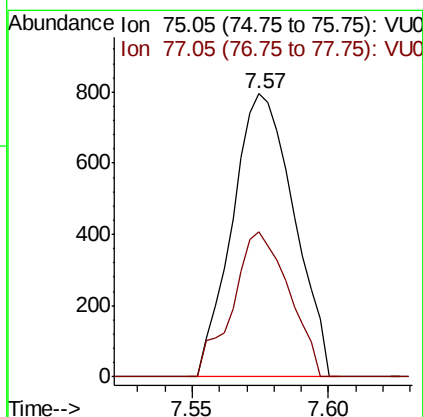
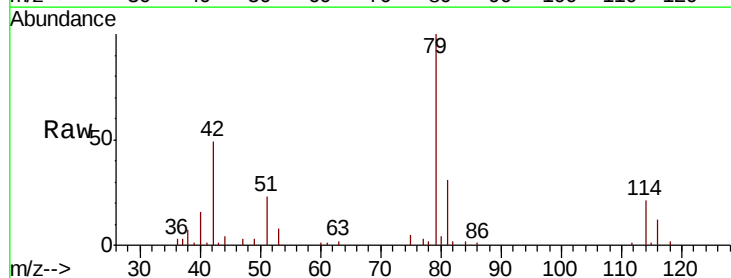
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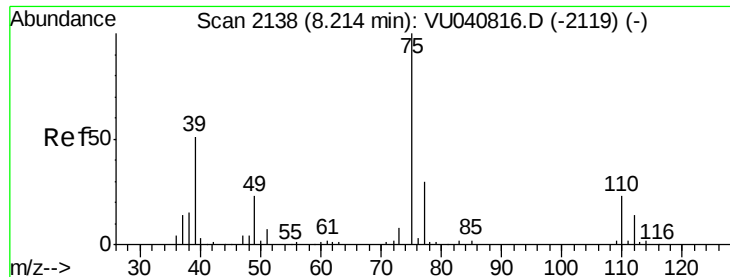
Tot Ion: 63 Resp: 5261
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040831.D
 Acq: 20 Oct 2020 02:10

Tgt Ion: 75 Resp: 1245
 Ion Ratio Lower Upper
 75 100
 77 51.4 20.5 38.1#





#44

trans-1,3-Dichloropropene

Concen: 0.065 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040831.D

Acq: 20 Oct 2020 02:10

Instrument :

MSVOA_U

ClientSampleId :

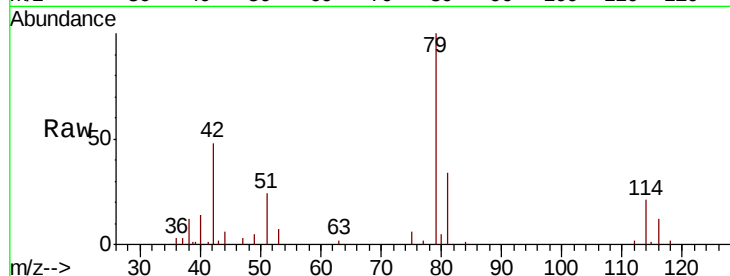
ETZ27

Tot Ion: 75 Resp: 832

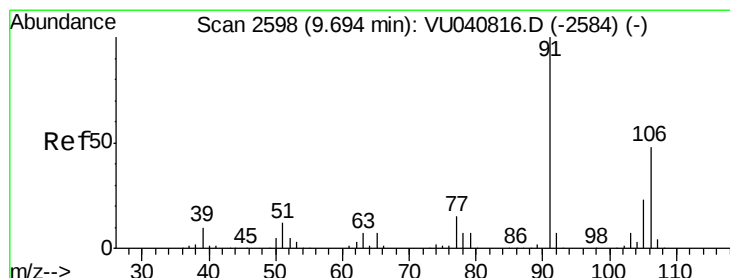
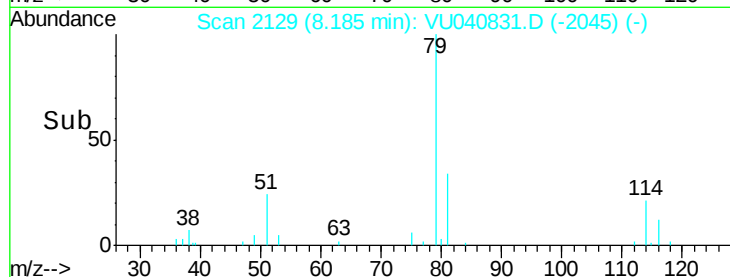
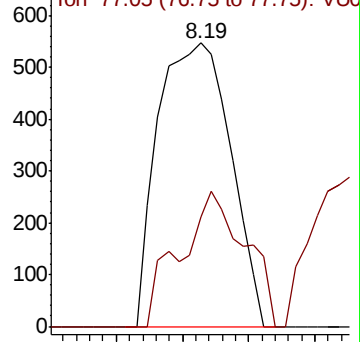
Ion Ratio Lower Upper

75 100

77 38.8 20.4 38.0#



Abundance Ion 75.05 (74.75 to 75.75): VU040831.D (-2045) (-)



#53

m,p-Xylene

Concen: 0.118 ug/L

RT: 9.70 min Scan# 2599

Delta R.T. 0.00 min

Lab File: VU040831.D

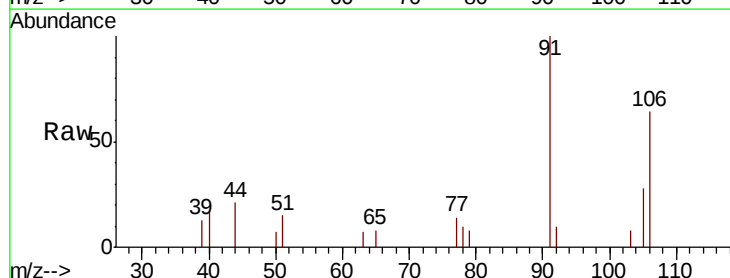
Acq: 20 Oct 2020 02:10

Tgt Ion: 106 Resp: 1743

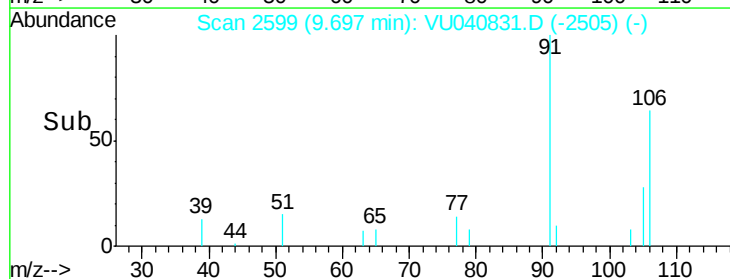
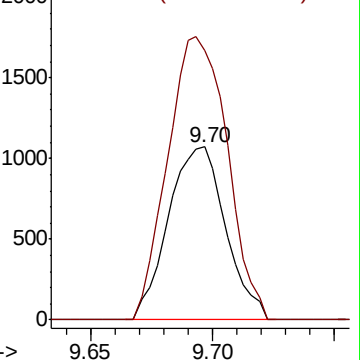
Ion Ratio Lower Upper

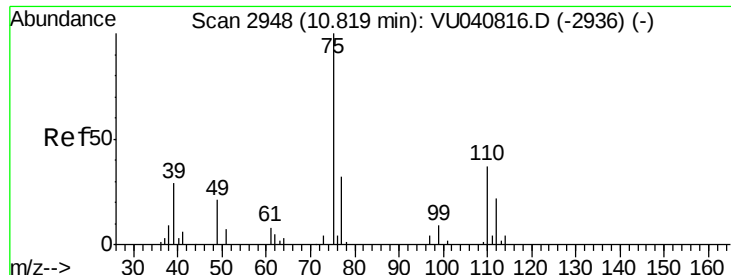
106 100

91 156.1 148.5 275.7



Abundance Ion 106.15 (105.85 to 106.85): VU040831.D (-2505) (-)





#59

1,2,3-Trichloropropane

Concen: 0.830 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU040831.D

Acq: 20 Oct 2020 02:10

Instrument :

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ClientSampleId :

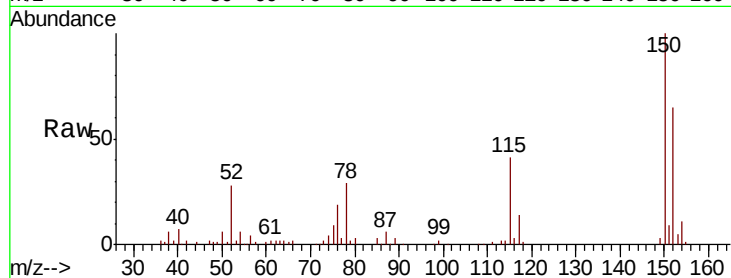
ETZ27

Tot Ion: 75 Resp: 6231

Ion Ratio Lower Upper

75 100

77 42.8 26.4 39.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

