

Data File : VU033289.D
Acq On : 17 Jul 2019 14:42
Operator : JC/SP
Sample : VIBLK42
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK42

Quant Time: Jul 18 08:05:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 18 08:01:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	117867	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	126853	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	52437	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	47288	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.67	69	42482	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.26	63	76501	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.17	46	114506	51.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.38%
24) Chloroform-d	4.62	84	82200	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.29	65	46471	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.31	84	151551	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.31	67	50858	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.55	98	126515	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.60%
43) trans-1,3-Dichloropropene-	7.84	79	18672	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.30	63	86251	46.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.22%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	45955	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	50263	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

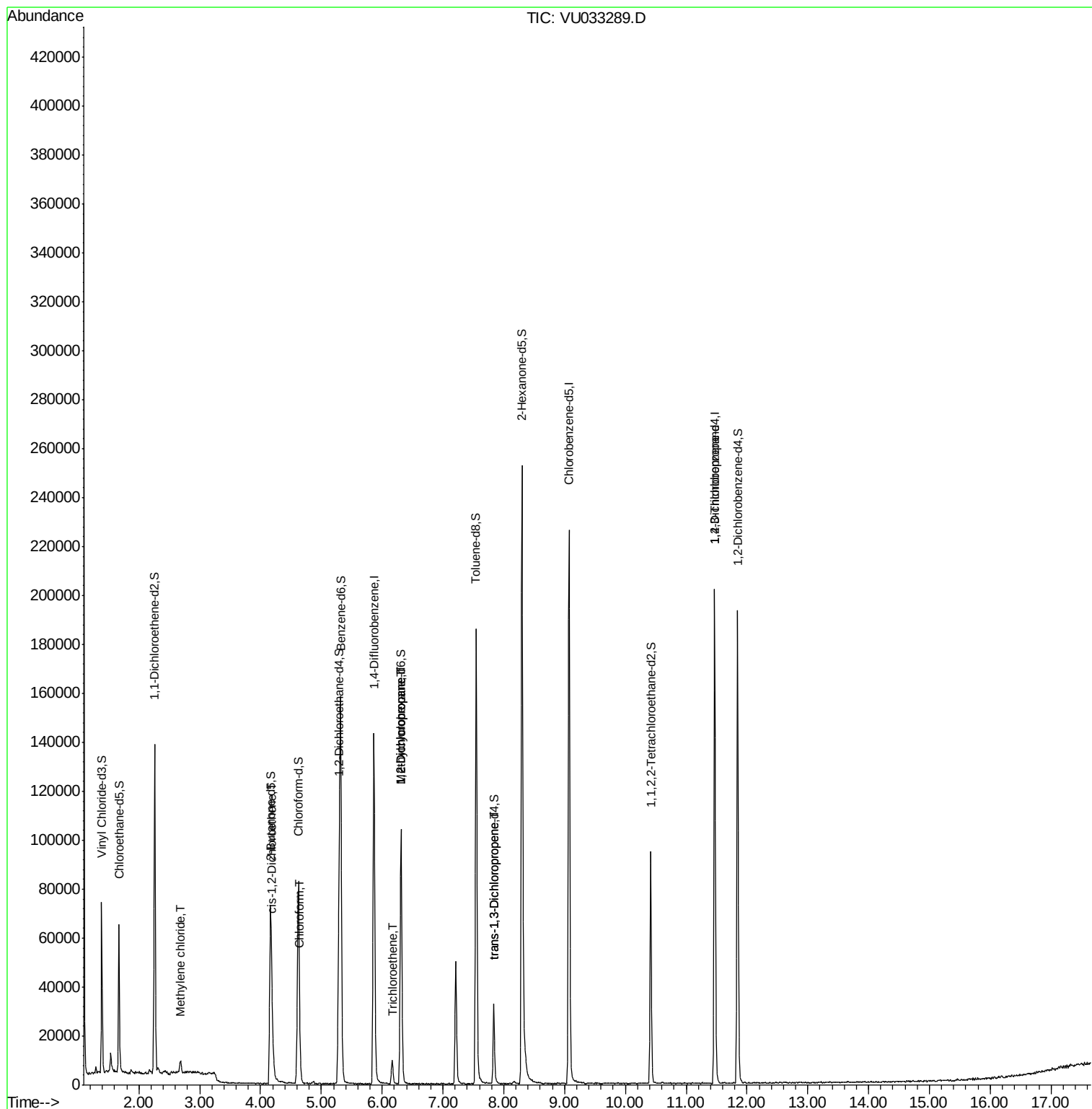
					Qvalue
16) Methylene chloride	2.68	84	2119	0.179 ug/L	85
22) cis-1,2-Dichloroethene	4.19	96	3260	0.361 ug/L	96
25) Chloroform	4.65	83	3294	0.185 ug/L	97
34) Trichloroethene	6.16	95	3194	0.336 ug/L	86
35) Methylcyclohexane	6.31	83	11782	0.823 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	5774	0.594 ug/L #	88
44) trans-1,3-Dichloropropene	7.83	75	904	0.081 ug/L	92
59) 1,2,3-Trichloropropane	11.47	75	6665	1.052 ug/L	92

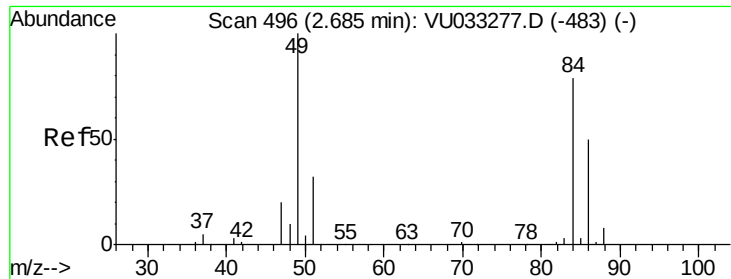
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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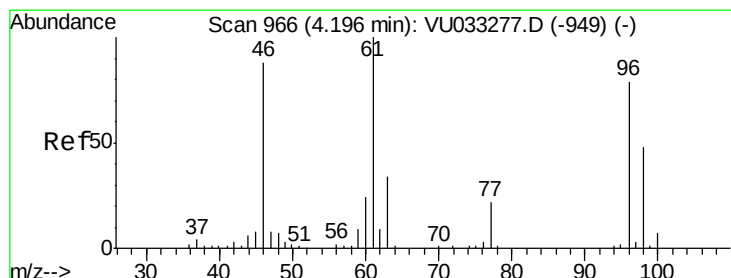
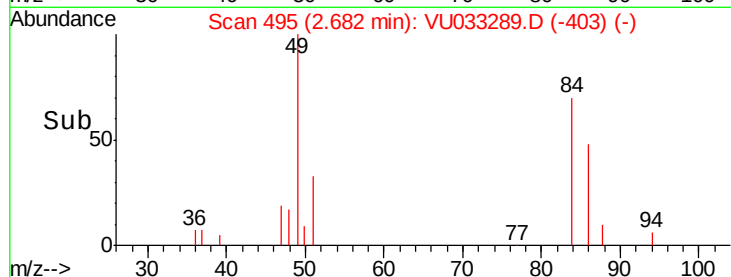
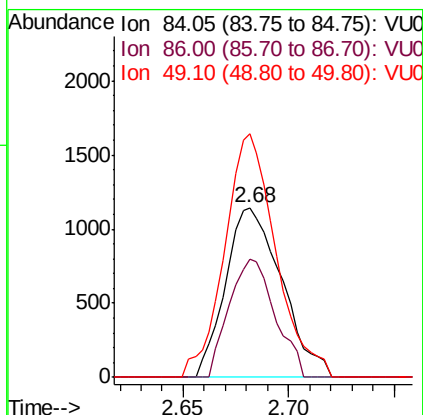
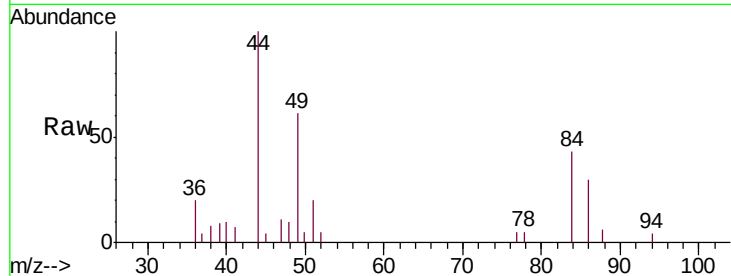




#16
Methylene chloride
Concen: 0.179 ug/L
RT: 2.68 min Scan# 495
Delta R.T. -0.00 min
Lab File: VU033289.D
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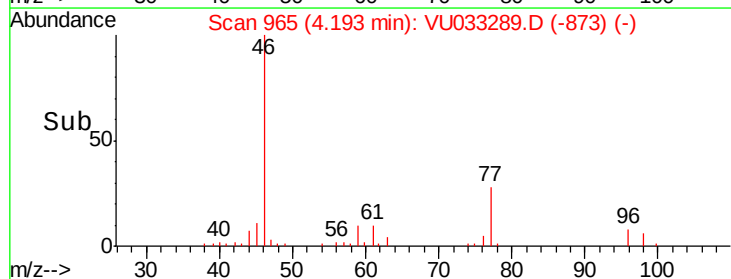
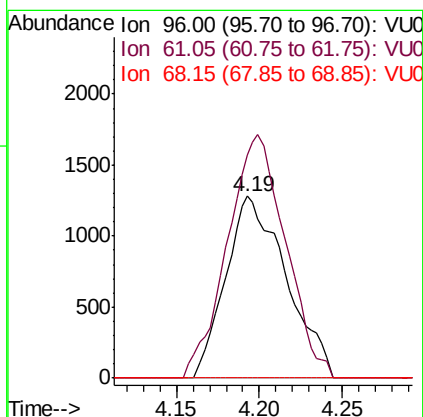
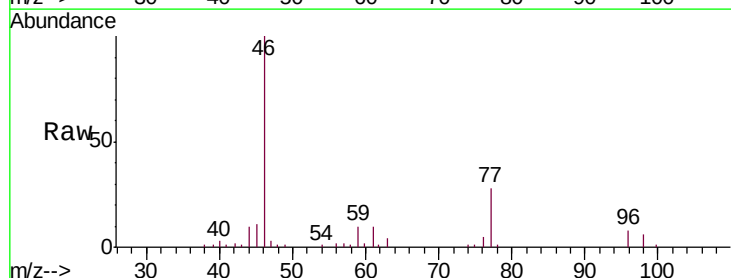
Instrument :
MSVOA_U
ClientSampleId :
VIBLK42

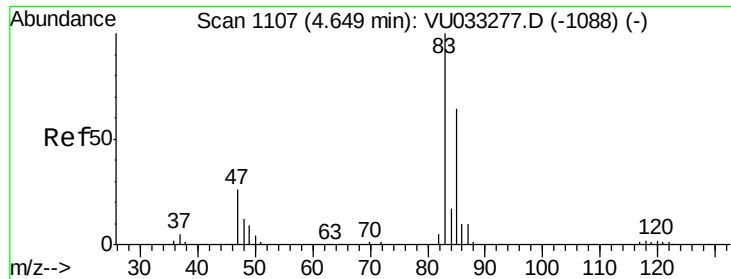
Tgt Ion: 84 Resp: 2119
Ion Ratio Lower Upper
84 100
86 69.6 42.5 78.9
49 143.5 86.9 161.3



#22
cis-1,2-Dichloroethene
Concen: 0.361 ug/L
RT: 4.19 min Scan# 965
Delta R.T. -0.00 min
Lab File: VU033289.D
Acq: 17 Jul 2019 14:42

Tgt Ion: 96 Resp: 3260
Ion Ratio Lower Upper
96 100
61 122.4 89.2 165.6
68 0.0 0.0 0.0

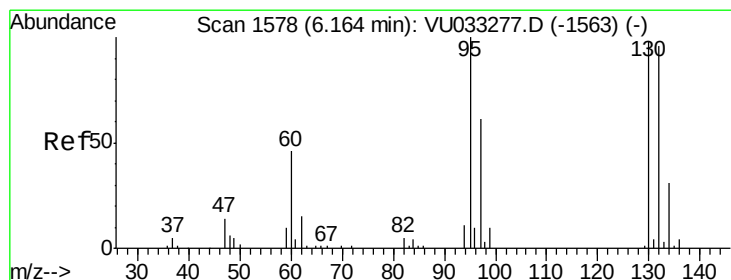
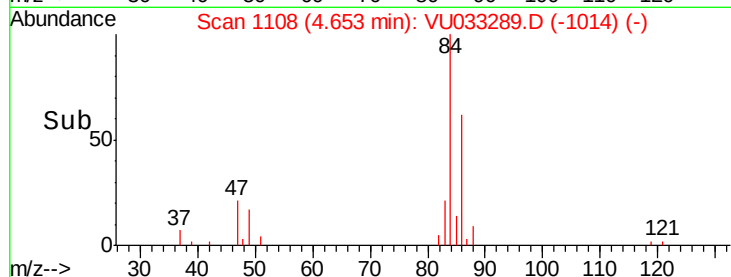
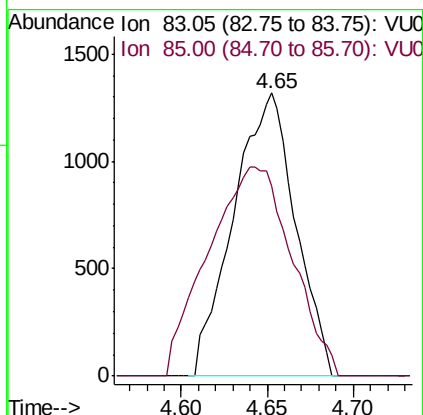
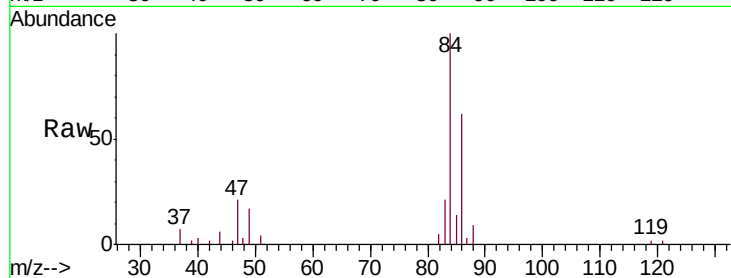




#25
Chloroform
Concen: 0.185 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU033289.D
Acq: 17 Jul 2019 14:42

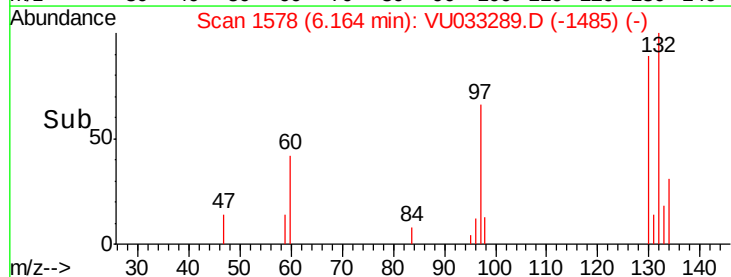
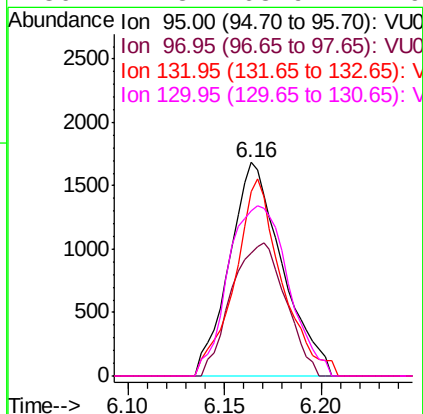
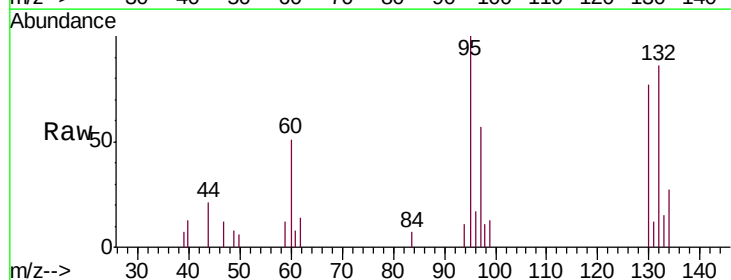
Instrument :
MSVOA_U
ClientSampleId :
VIBLK42

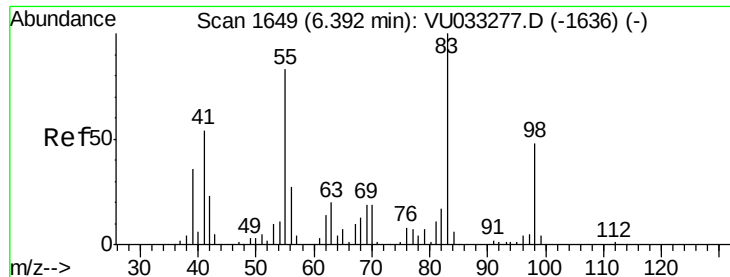
Tgt Ion: 83 Resp: 3294
Ion Ratio Lower Upper
83 100
85 67.2 45.4 84.4



#34
Trichloroethene
Concen: 0.336 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU033289.D
Acq: 17 Jul 2019 14:42

Tgt Ion: 95 Resp: 3194
Ion Ratio Lower Upper
95 100
97 57.3 44.5 82.7
132 86.4 66.6 123.8
130 77.3 68.9 127.9

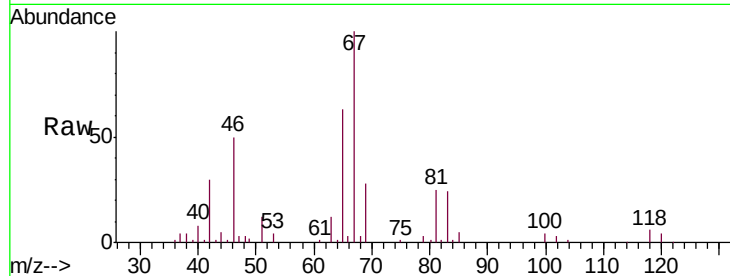




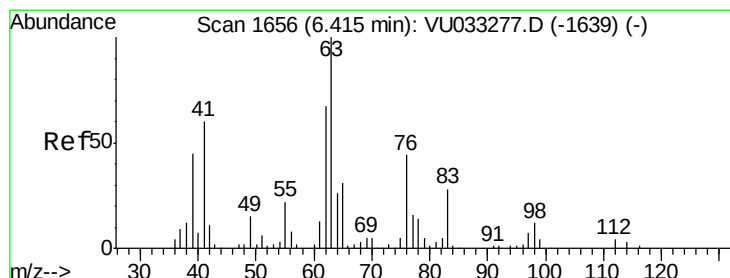
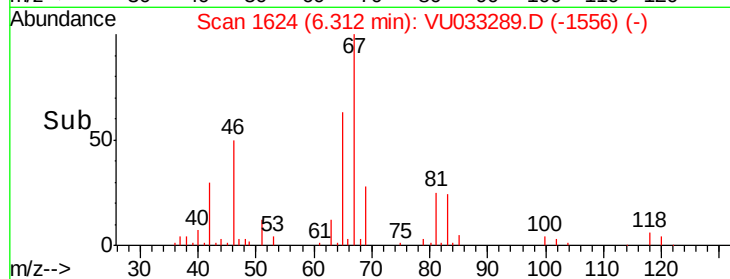
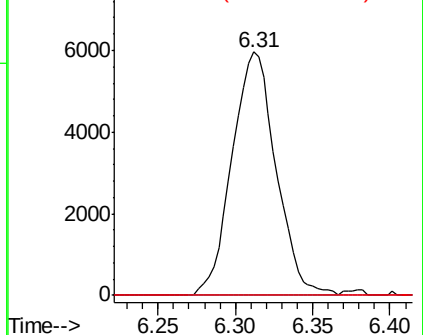
#35
Methylcyclohexane
Concen: 0.823 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU033289.D
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Instrument :
MSVOA_U
ClientSampleId :
VIBLK42

Tgt Ion: 83 Resp: 11782
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.4 36.2 54.2#

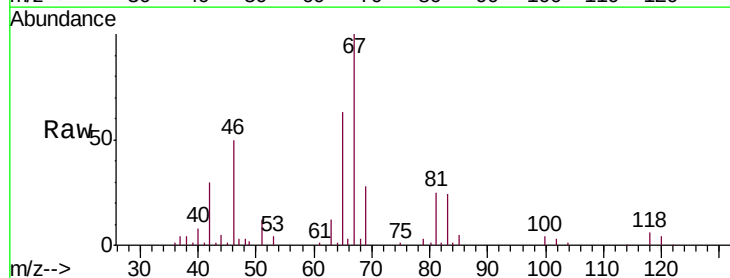


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

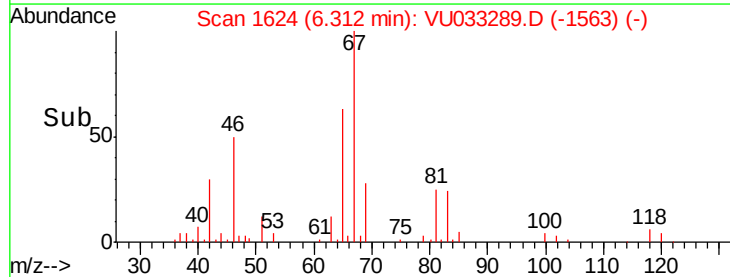
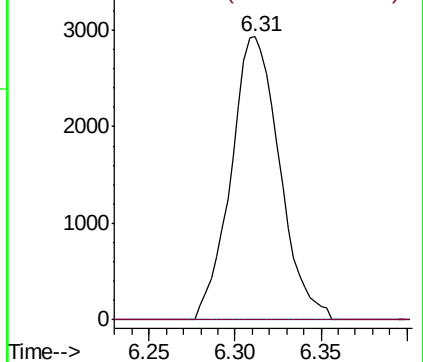


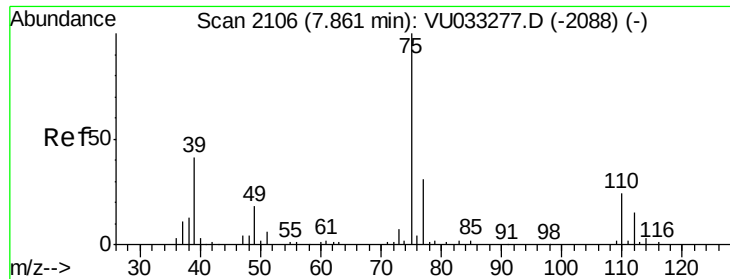
#37
1,2-Dichloropropane
Concen: 0.594 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU033289.D
Acq: 17 Jul 2019 14:42

Tgt Ion: 63 Resp: 5774
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



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





#44

trans-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.83 min Scan# 2097

Delta R.T. -0.03 min

Lab File: VU033289.D

Acq: 17 Jul 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

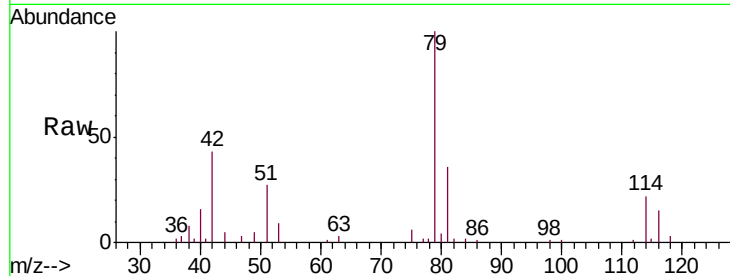
VIBLK42

Tgt Ion: 75 Resp: 904

Ion Ratio Lower Upper

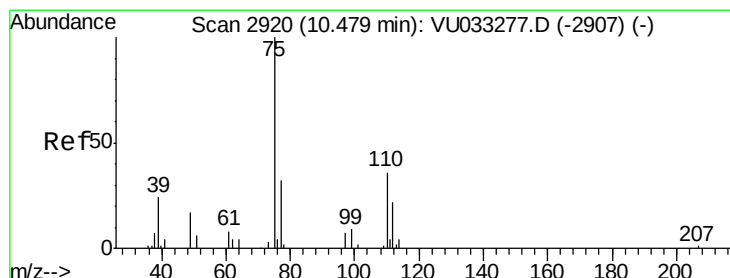
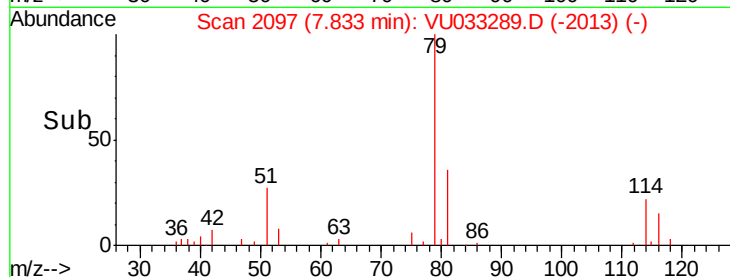
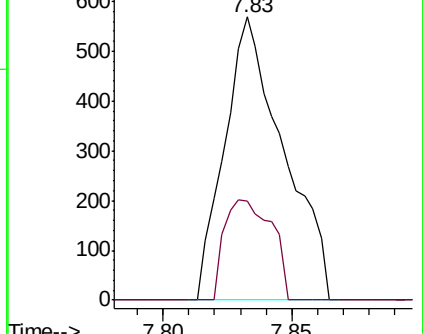
75 100

77 35.0 21.6 40.0



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: 1.052 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033289.D

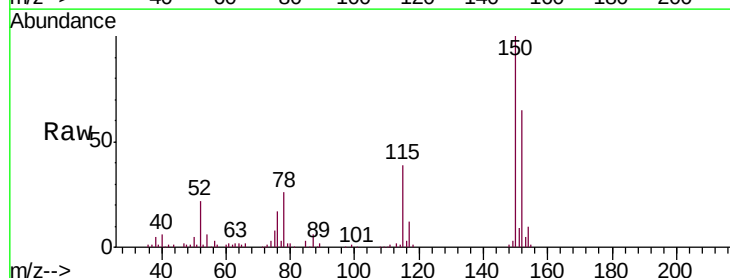
Acq: 17 Jul 2019 14:42

Tgt Ion: 75 Resp: 6665

Ion Ratio Lower Upper

75 100

77 37.4 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

