

Data File : VU033282.D
Acq On : 17 Jul 2019 11:13
Operator : JC/SP
Sample : VIBLK40
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Quant Time: Jul 18 08:04:42 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	125872	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	132029	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	57462	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	49691	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.67	69	44440	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.20%
11) 1,1-Dichloroethene-d2	2.26	63	80980	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	4.17	46	103225	43.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.42%
24) Chloroform-d	4.62	84	84430	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.29	65	47180	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.32	84	159993	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.31	67	52912	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.55	98	139661	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	7.84	79	20568	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.30	63	78446	40.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.46%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	43537	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	54038	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

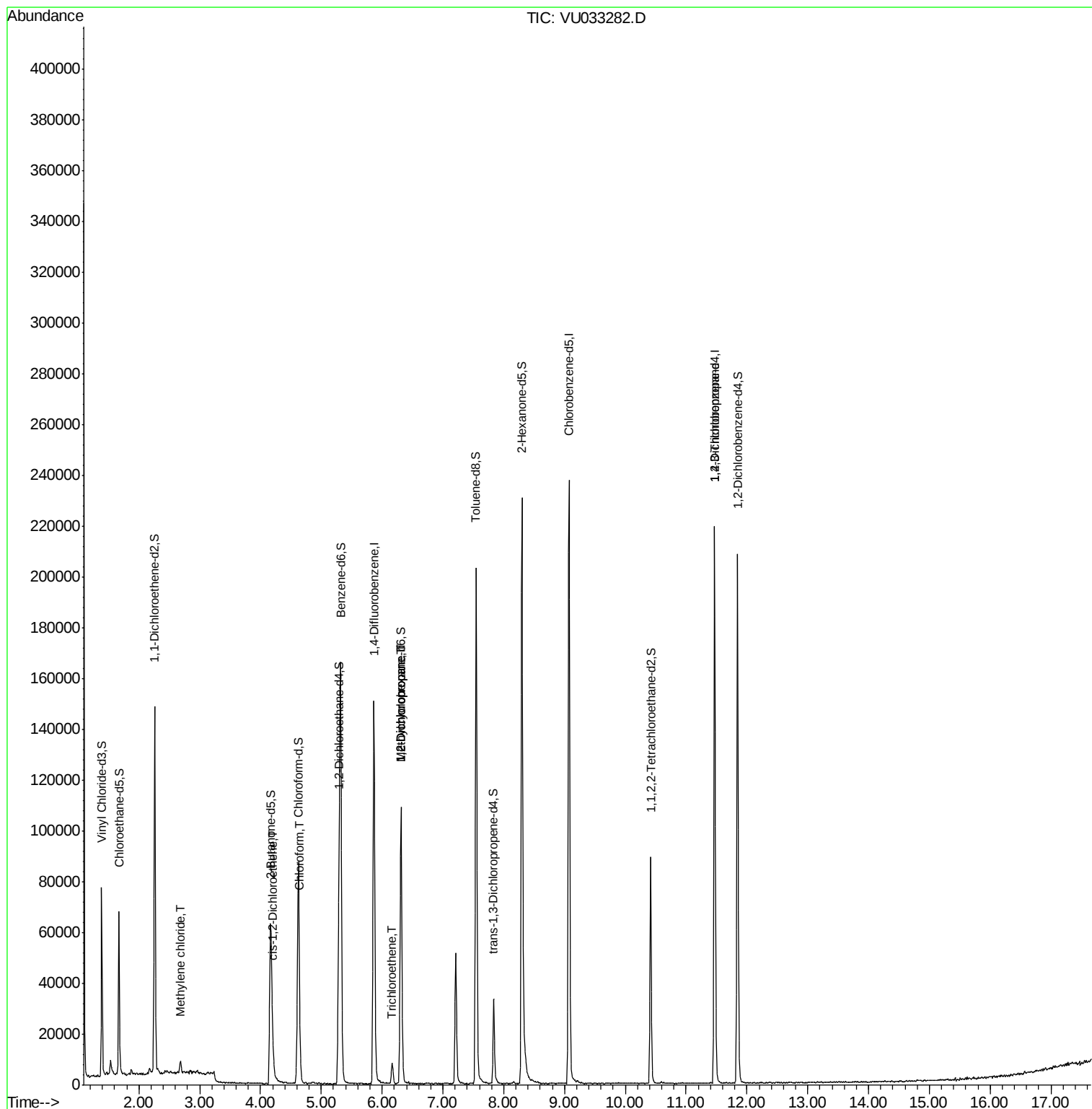
					Qvalue
16) Methylene chloride	2.68	84	1629	0.129 ug/L	98
22) cis-1,2-Dichloroethene	4.20	96	3205	0.332 ug/L	94
25) Chloroform	4.65	83	3970	0.209 ug/L	90
34) Trichloroethene	6.16	95	2733	0.276 ug/L	92
35) Methylcyclohexane	6.31	83	12116	0.813 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	5767	0.570 ug/L #	89
59) 1,2,3-Trichloropropane	11.47	75	7111	1.079 ug/L	99

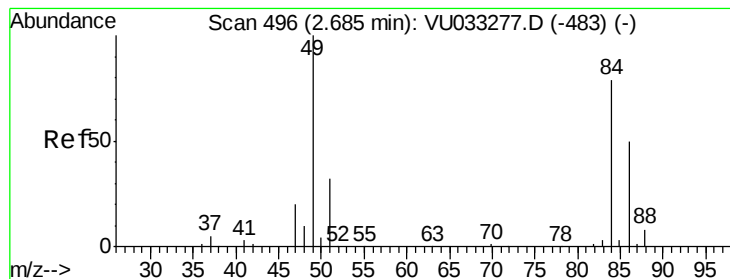
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.129 ug/L

RT: 2.68 min Scan# 495

Delta R.T. -0.00 min

Lab File: VU033282.D

Acq: 17 Jul 2019 11:13

Instrument :

MSVOA_U

ClientSampled :

VIBLK40

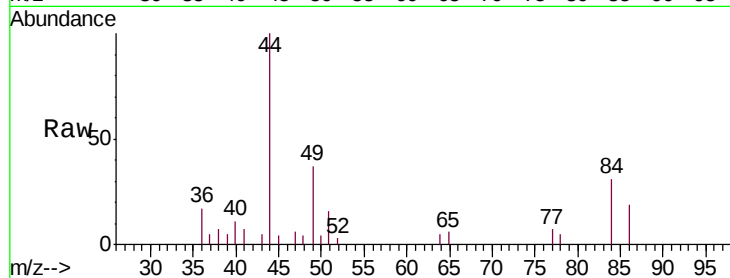
Tgt Ion: 84 Resp: 1629

Ion Ratio Lower Upper

84 100

86 62.2 42.5 78.9

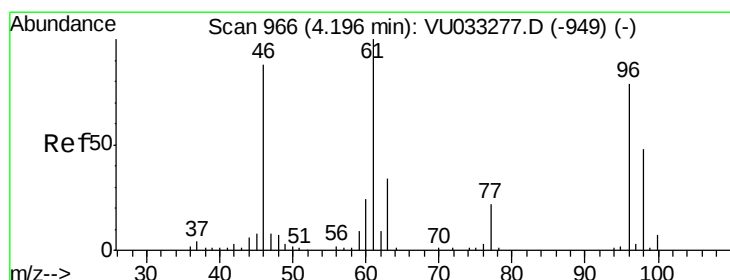
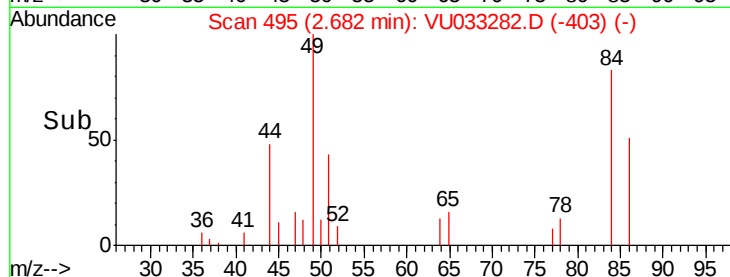
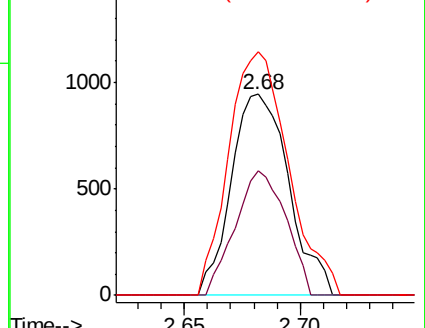
49 121.1 86.9 161.3



Abundance Ion 84.05 (83.75 to 84.75): VU033282.D (-403) (-)

Ion 86.00 (85.70 to 86.70): VU033282.D (-403) (-)

Ion 49.10 (48.80 to 49.80): VU033282.D (-403) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.332 ug/L

RT: 4.20 min Scan# 968

Delta R.T. 0.01 min

Lab File: VU033282.D

Acq: 17 Jul 2019 11:13

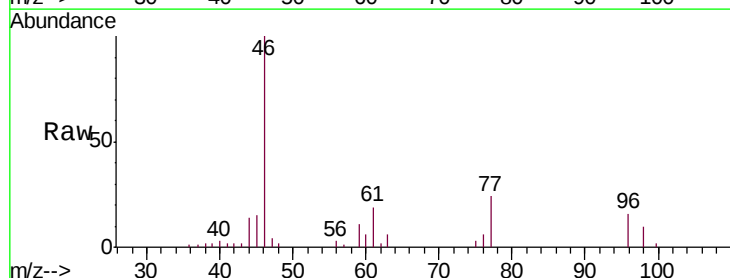
Tgt Ion: 96 Resp: 3205

Ion Ratio Lower Upper

96 100

61 120.4 89.2 165.6

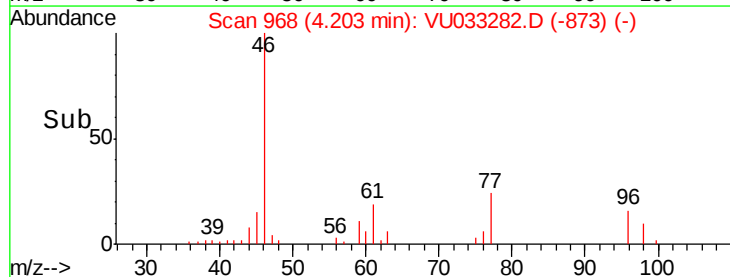
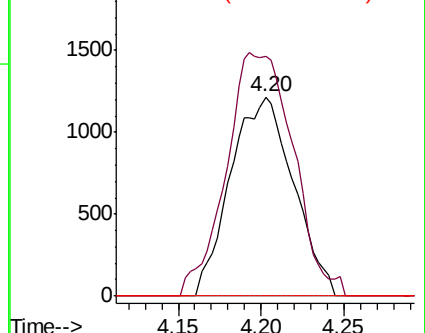
68 0.0 0.0 0.0

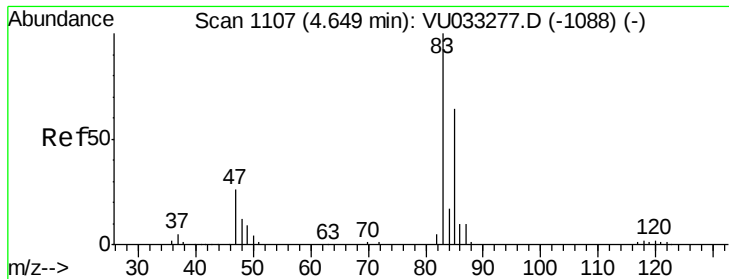


Abundance Ion 96.00 (95.70 to 96.70): VU033282.D (-873) (-)

Ion 61.05 (60.75 to 61.75): VU033282.D (-873) (-)

Ion 68.15 (67.85 to 68.85): VU033282.D (-873) (-)

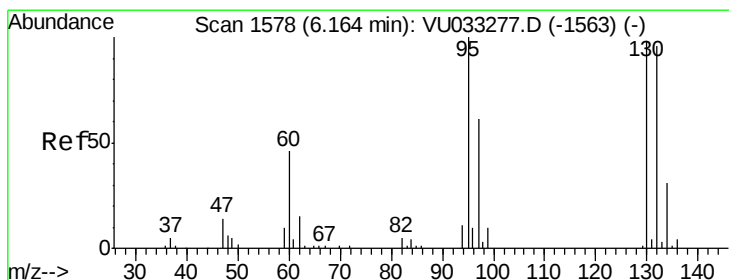
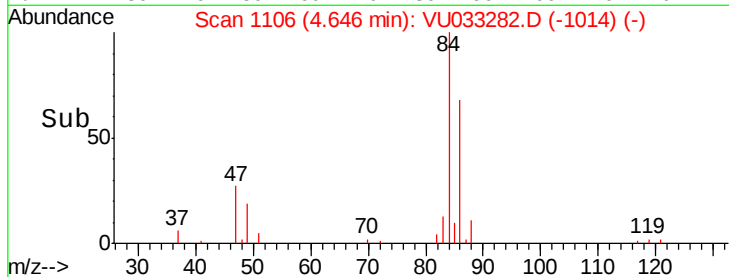
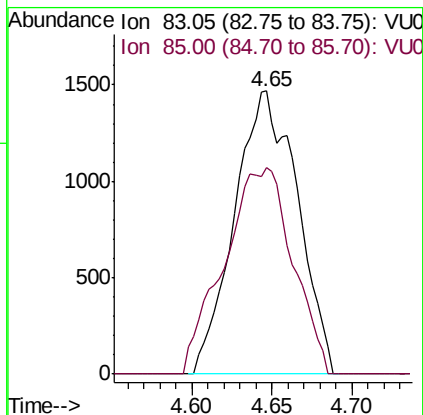
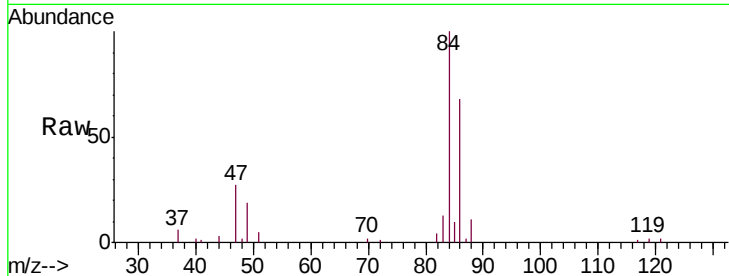




#25
Chloroform
Concen: 0.209 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU033282.D
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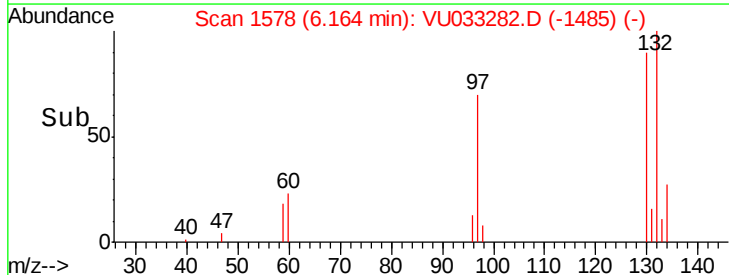
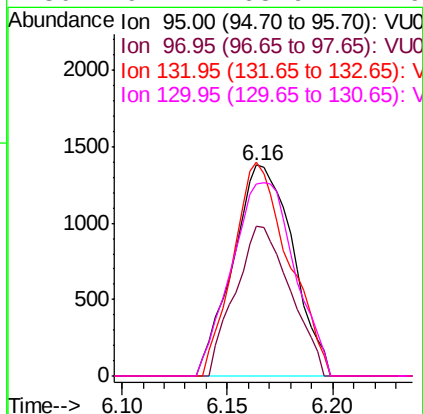
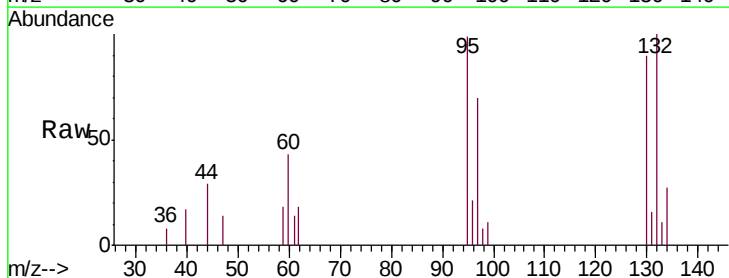
Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

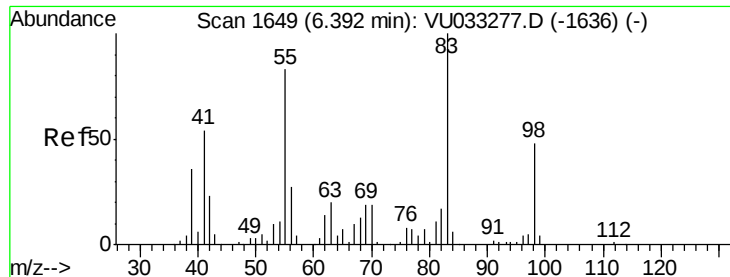
Tgt Ion: 83 Resp: 3970
Ion Ratio Lower Upper
83 100
85 73.2 45.4 84.4



#34
Trichloroethene
Concen: 0.276 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU033282.D
Acq: 17 Jul 2019 11:13

Tgt Ion: 95 Resp: 2733
Ion Ratio Lower Upper
95 100
97 71.1 44.5 82.7
132 101.4 66.6 123.8
130 91.2 68.9 127.9

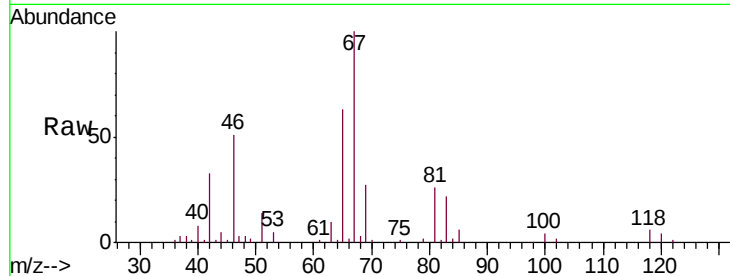




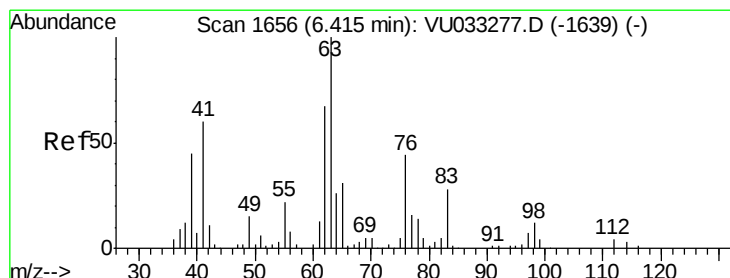
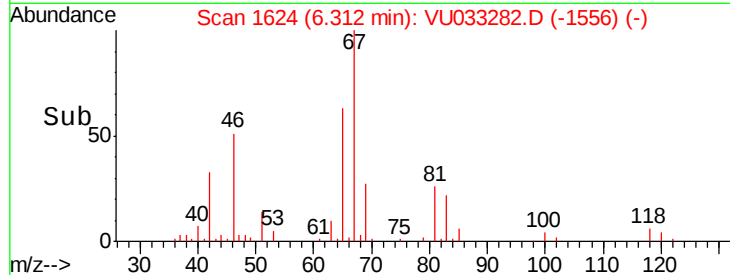
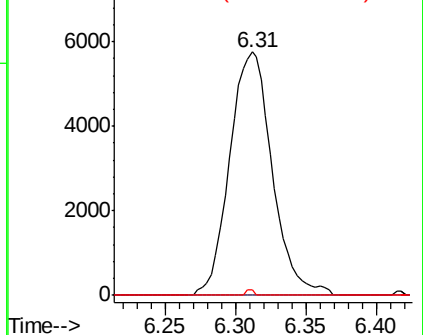
#35
Methylcyclohexane
Concen: 0.813 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU033282.D
Acq: 17 Jul 2019 11:13

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Tgt Ion: 83 Resp: 12116
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.4 36.2 54.2#

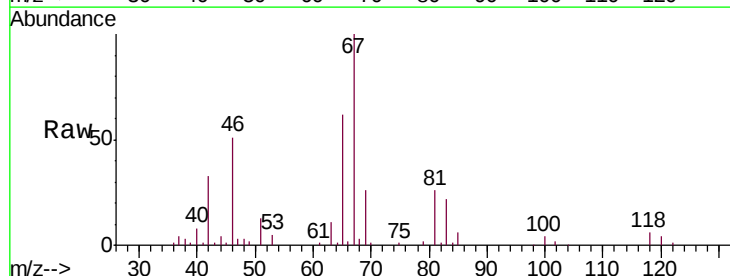


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

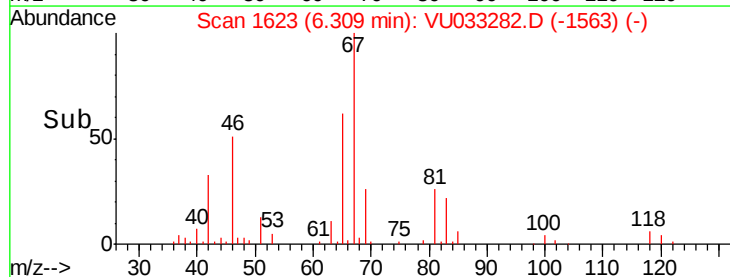
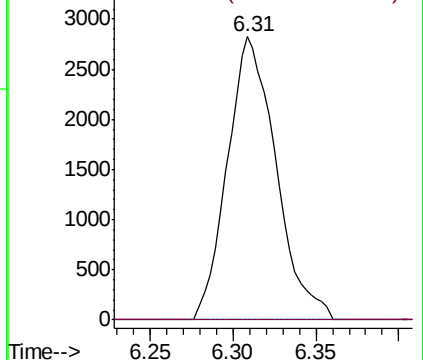


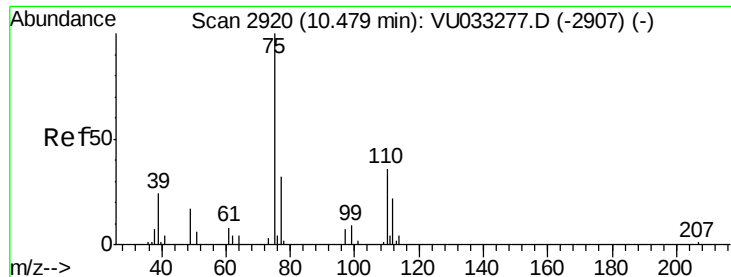
#37
1,2-Dichloropropane
Concen: 0.570 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.11 min
Lab File: VU033282.D
Acq: 17 Jul 2019 11:13

Tgt Ion: 63 Resp: 5767
Ion Ratio Lower Upper
63 100
112 0.3 3.1 4.7#



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





#59

1,2,3-Trichloropropane

Concen: 1.079 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033282.D

Acq: 17 Jul 2019 11:13

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

Tgt Ion: 75 Resp: 7111

Ion Ratio Lower Upper

75 100

77 33.9 26.5 39.7

