

Data File : VU033295.D
Acq On : 17 Jul 2019 17:11
Operator : JC/SP
Sample : K3772-03DL 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A52L6DL

Quant Time: Jul 18 08:06:44 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	122872	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	130465	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	54789	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	47835	3.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.20%
7) Chloroethane-d5	1.67	69	44469	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.26	63	77922	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.17	46	77229	33.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.24%
24) Chloroform-d	4.62	84	68491	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.00%
26) 1,2-Dichloroethane-d4	5.29	65	46461	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.31	84	157919	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.31	67	53525	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.55	98	135139	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.60%
43) trans-1,3-Dichloropropene-	7.84	79	20027	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.30	63	80938	42.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.06%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	44822	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	52936	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

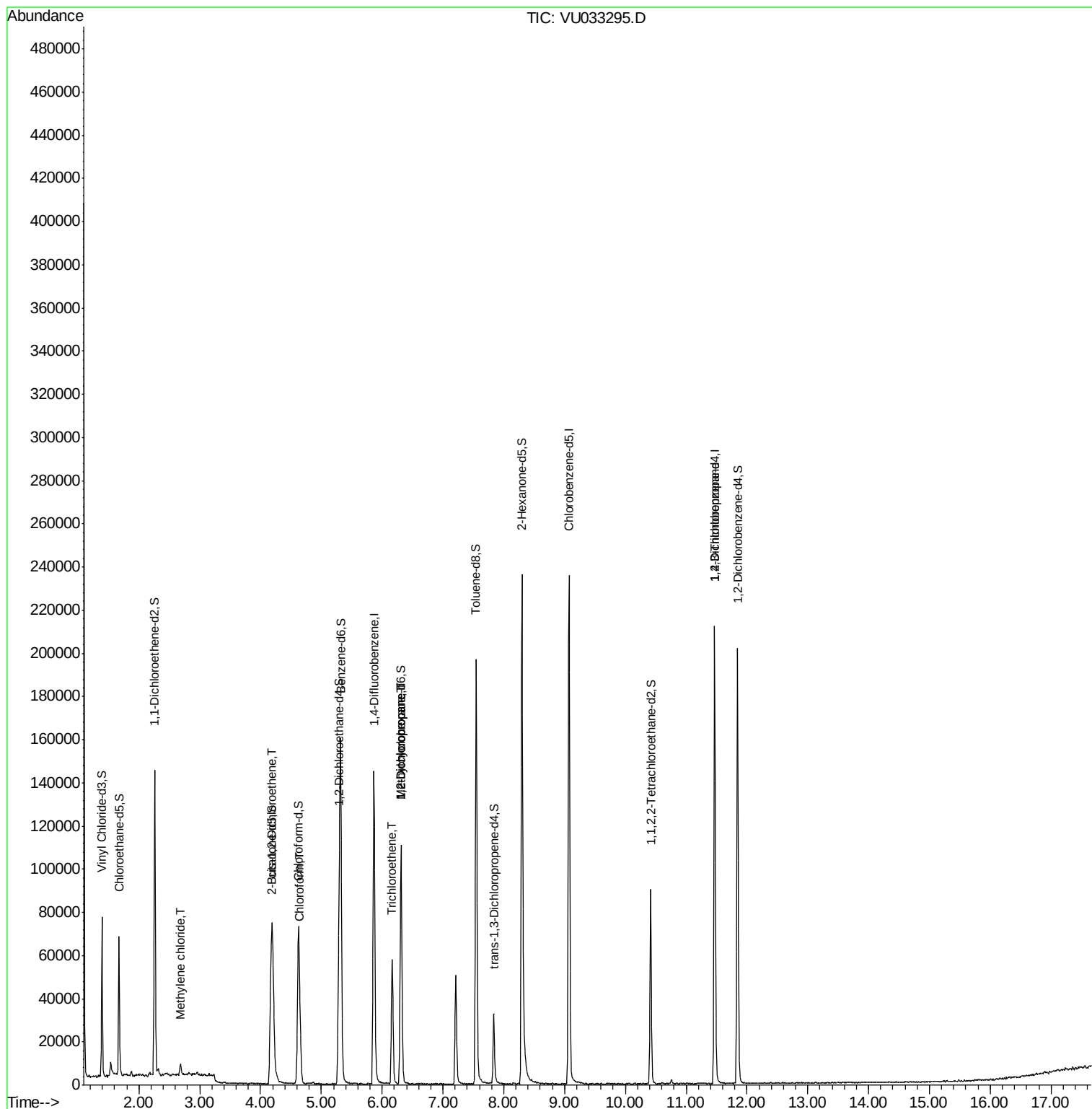
					Qvalue
16) Methylene chloride	2.69	84	1670	0.136	ug/L 95
22) cis-1,2-Dichloroethene	4.20	96	23785	2.524	ug/L 95
25) Chloroform	4.65	83	20045	1.080	ug/L 98
34) Trichloroethene	6.16	95	20724	2.120	ug/L 96
35) Methylcyclohexane	6.31	83	12328	0.837	ug/L # 20
37) 1,2-Dichloropropane	6.31	63	6009	0.601	ug/L # 88
59) 1,2,3-Trichloropropane	11.47	75	7091	1.088	ug/L 91

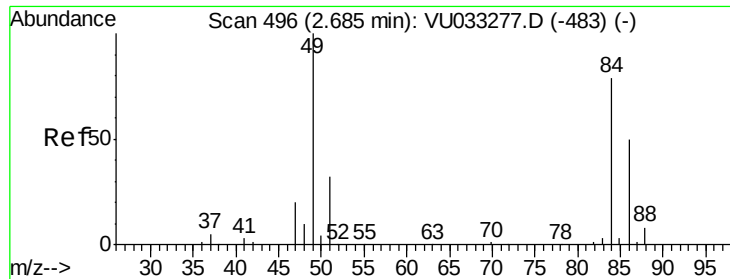
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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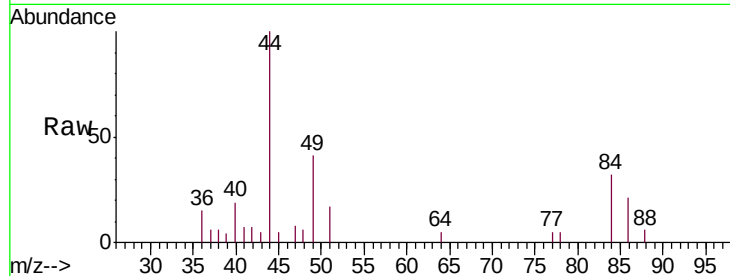




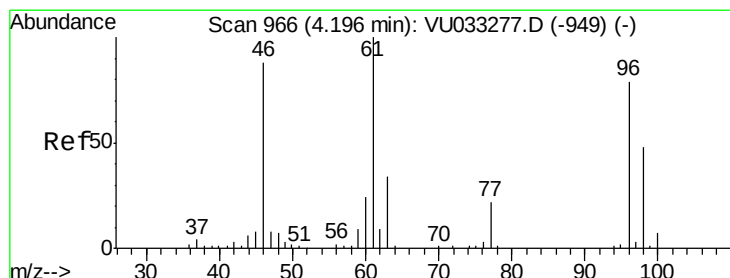
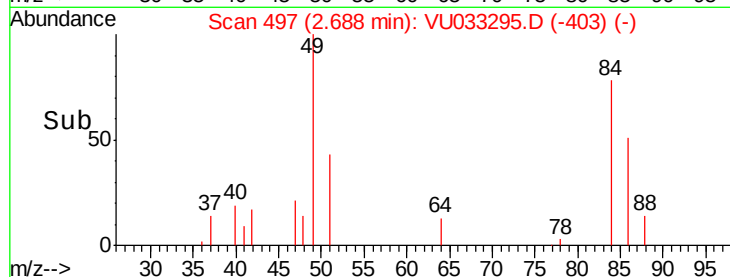
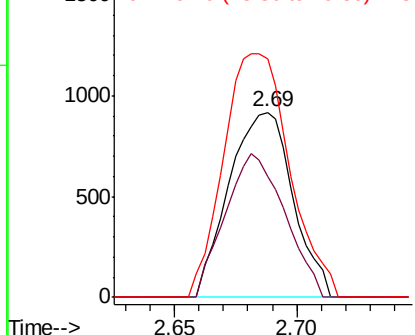
#16
Methylene chloride
Concen: 0.136 ug/L
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU033295.D
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Instrument :
MSVOA_U
ClientSampleId :
A52L6DL

Tgt Ion: 84 Resp: 1670
Ion Ratio Lower Upper
84 100
86 65.3 42.5 78.9
49 128.6 86.9 161.3

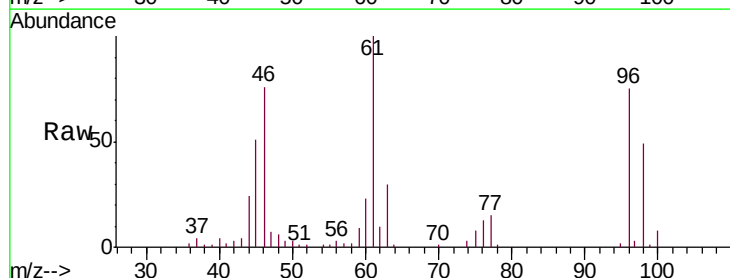


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

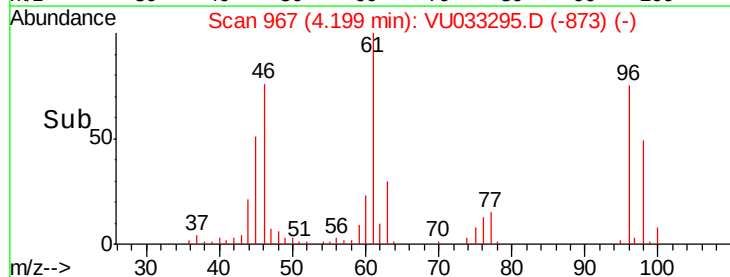
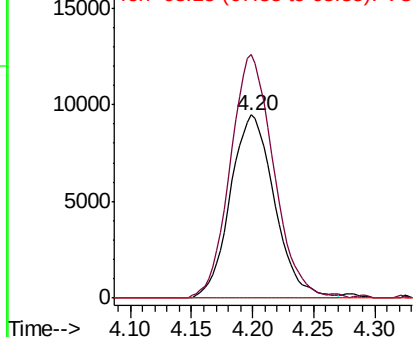


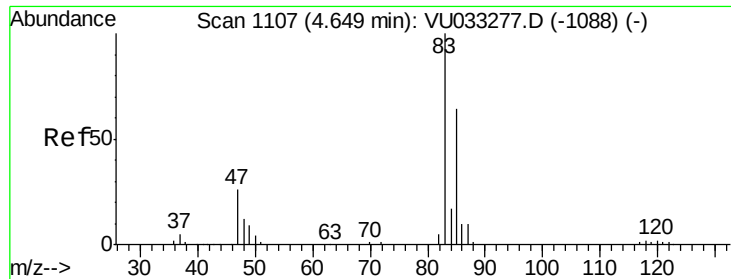
#22
cis-1,2-Dichloroethene
Concen: 2.524 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU033295.D
Acq: 17 Jul 2019 17:11

Tgt Ion: 96 Resp: 23785
Ion Ratio Lower Upper
96 100
61 133.0 89.2 165.6
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0

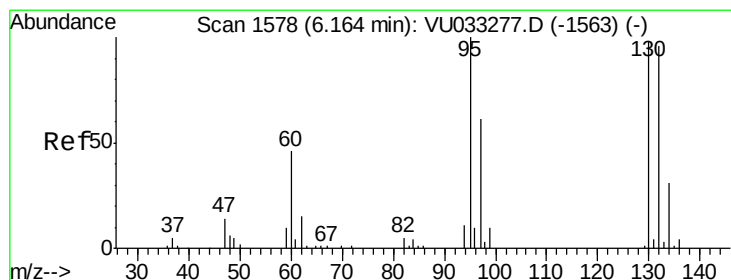
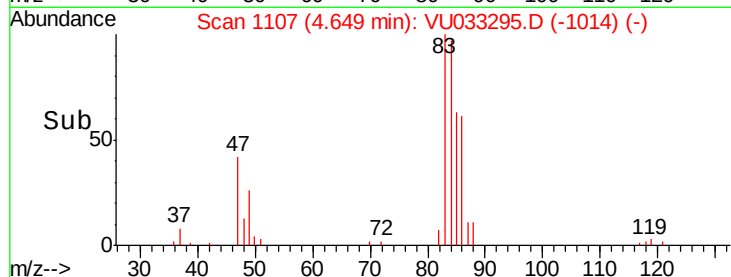
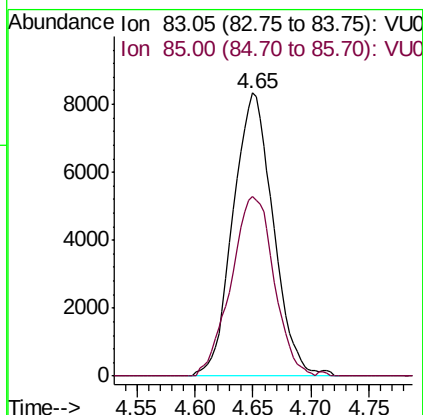
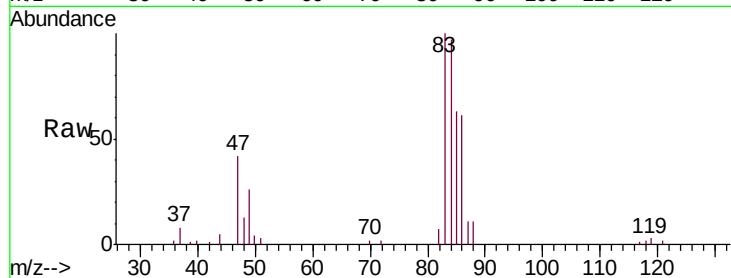




#25
Chloroform
Concen: 1.080 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU033295.D
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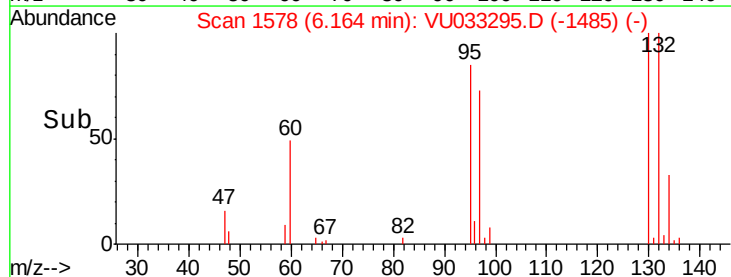
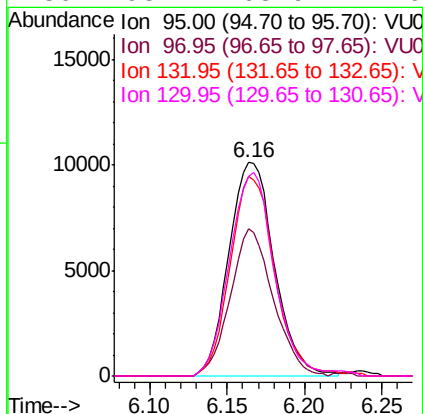
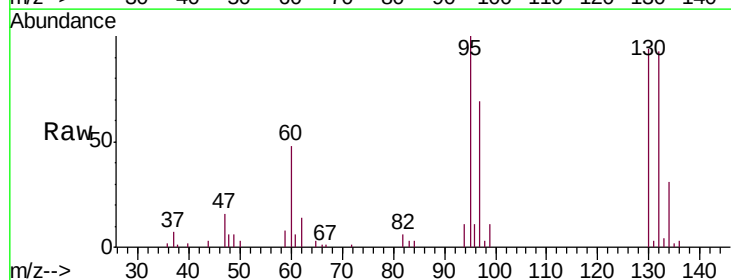
Instrument :
MSVOA_U
ClientSampleId :
A52L6DL

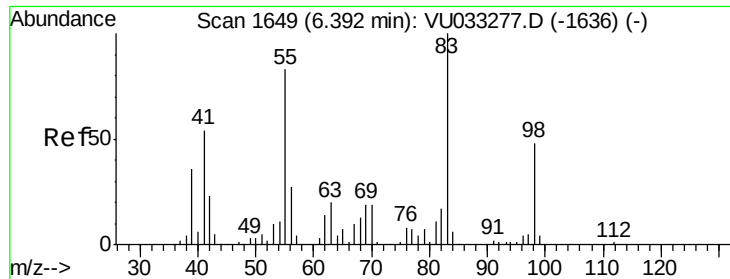
Tgt Ion: 83 Resp: 20045
Ion Ratio Lower Upper
83 100
85 63.3 45.4 84.4



#34
Trichloroethene
Concen: 2.120 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VU033295.D
Acq: 17 Jul 2019 17:11

Tgt Ion: 95 Resp: 20724
Ion Ratio Lower Upper
95 100
97 68.8 44.5 82.7
132 93.4 66.6 123.8
130 93.7 68.9 127.9

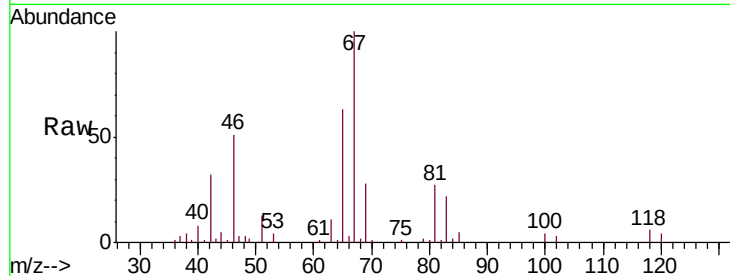




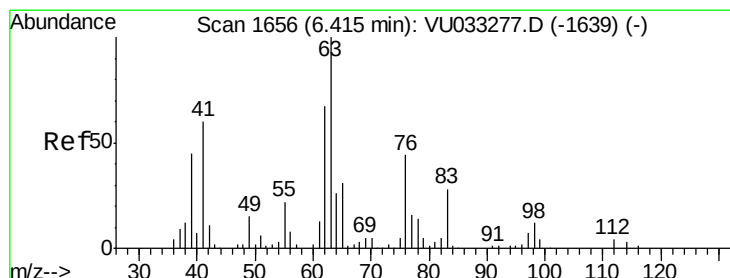
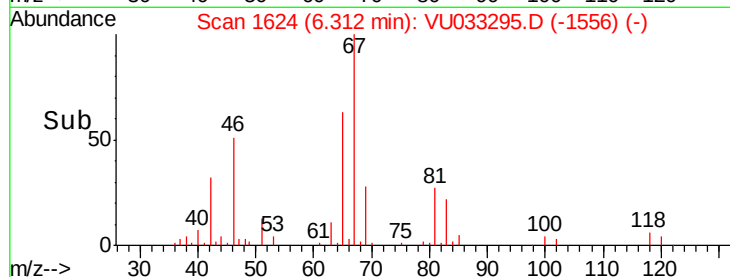
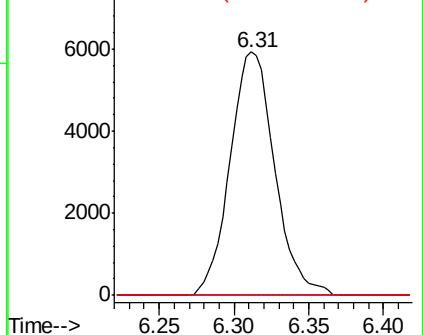
#35
Methylcyclohexane
Concen: 0.837 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU033295.D
Acq: 17 Jul 2019 17:11

Instrument :
MSVOA_U
ClientSampled :
A52L6DL

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	3.7	36.2	54.2#

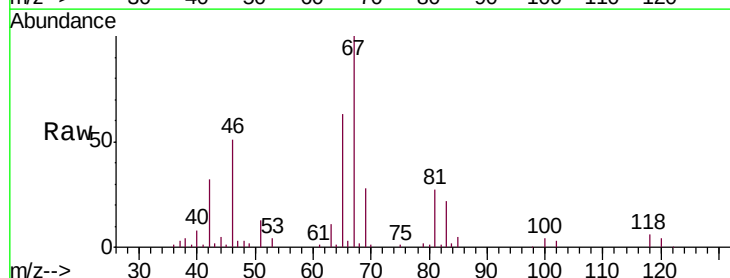


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

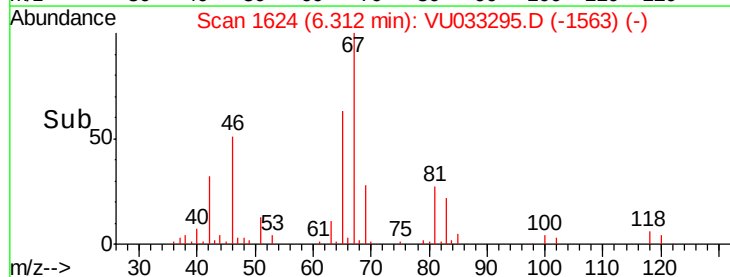
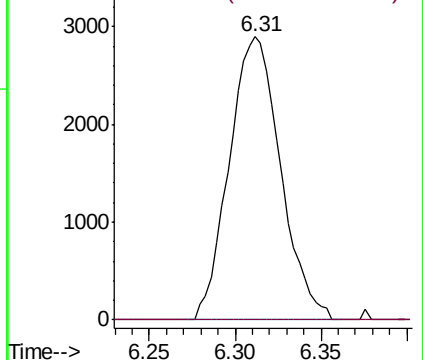


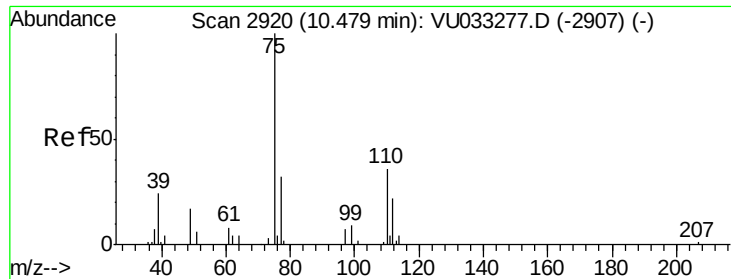
#37
1,2-Dichloropropane
Concen: 0.601 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU033295.D
Acq: 17 Jul 2019 17:11

Tgt 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





#59

1,2,3-Trichloropropane

Concen: 1.088 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033295.D

Acq: 17 Jul 2019 17:11

Instrument :

MSVOA_U

ClientSampleId :

A52L6DL

Tgt Ion: 75 Resp: 7091

Ion Ratio Lower Upper

75 100

77 38.3 26.5 39.7

