

Data File : VU033297.D
Acq On : 17 Jul 2019 17:59
Operator : JC/SP
Sample : K3772-22DL 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A52MODL

Quant Time: Jul 18 08:06:58 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	123272	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	130604	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	55836	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	44577	3.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.80%
7) Chloroethane-d5	1.67	69	42566	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.20%
11) 1,1-Dichloroethene-d2	2.26	63	75088	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.17	46	81554	34.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.72%
24) Chloroform-d	4.62	84	66239	3.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.40%
26) 1,2-Dichloroethane-d4	5.29	65	44563	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
32) Benzene-d6	5.32	84	150819	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
36) 1,2-Dichloropropane-d6	6.31	67	50400	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.55	98	128277	3.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.40%
43) trans-1,3-Dichloropropene-	7.84	79	18678	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.30	63	86291	45.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.60%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	46673	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	51262	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

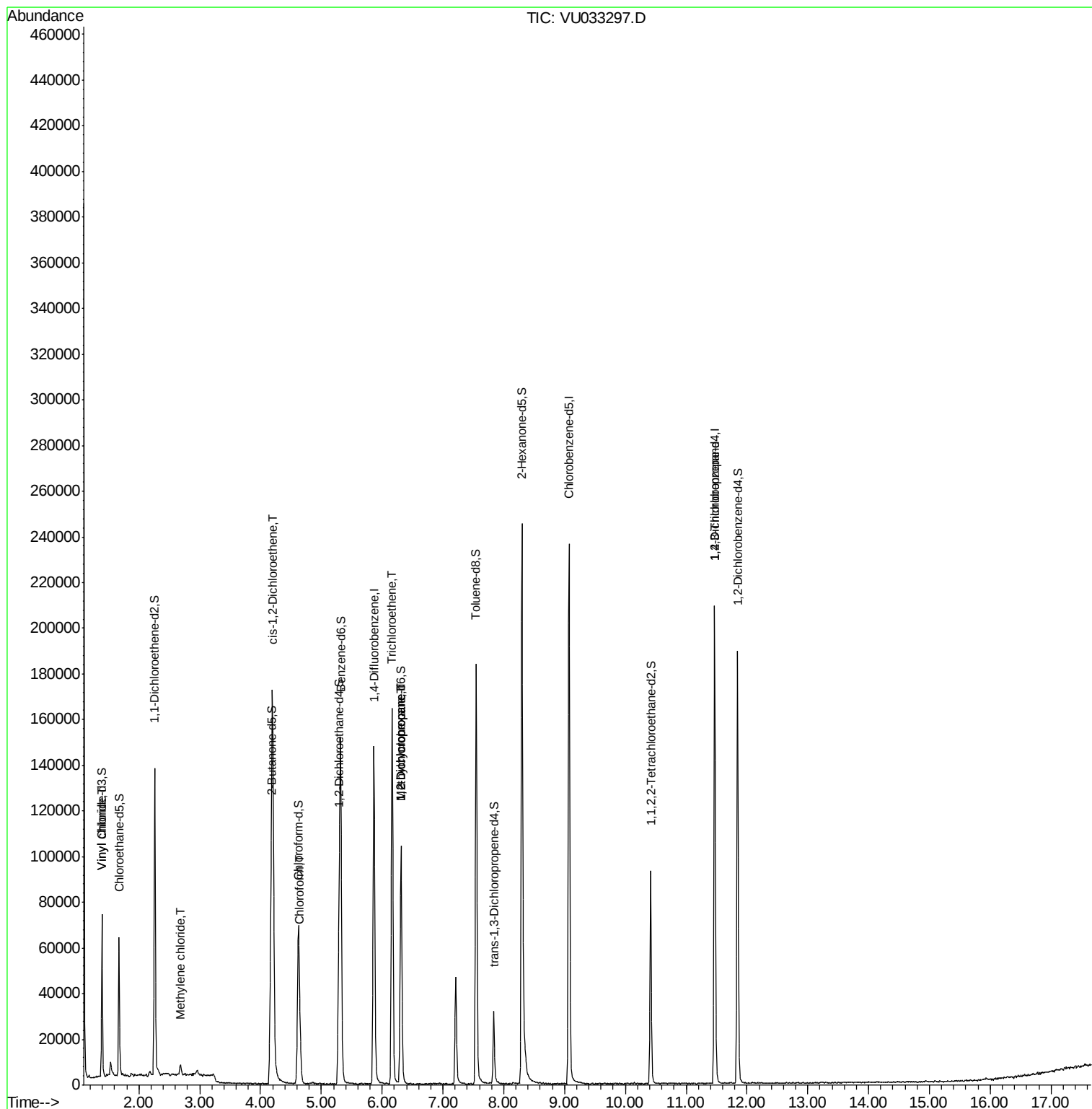
					Qvalue
5) Vinyl chloride	1.40	62	2264	0.171 ug/L #	49
16) Methylene chloride	2.68	84	1474	0.119 ug/L	84
22) cis-1,2-Dichloroethene	4.20	96	81260	8.595 ug/L	100
25) Chloroform	4.65	83	15142	0.813 ug/L	92
34) Trichloroethene	6.16	95	57576	5.883 ug/L	98
35) Methylcyclohexane	6.31	83	11468	0.778 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	5226	0.522 ug/L #	88
59) 1,2,3-Trichloropropane	11.47	75	6670	1.023 ug/L	94

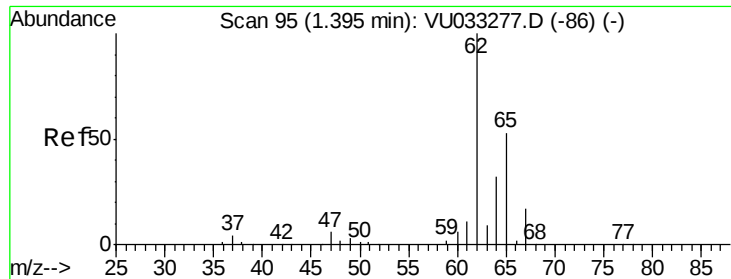
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.171 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

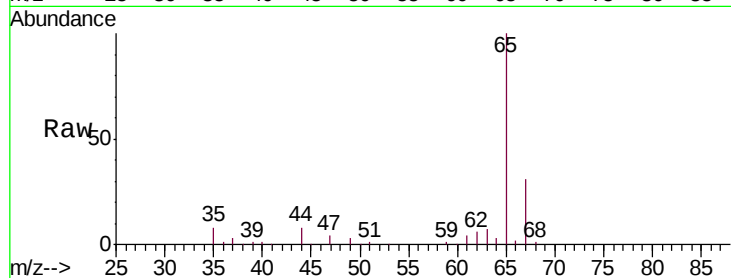
A52MODL

Tgt Ion: 62 Resp: 2264

Ion Ratio Lower Upper

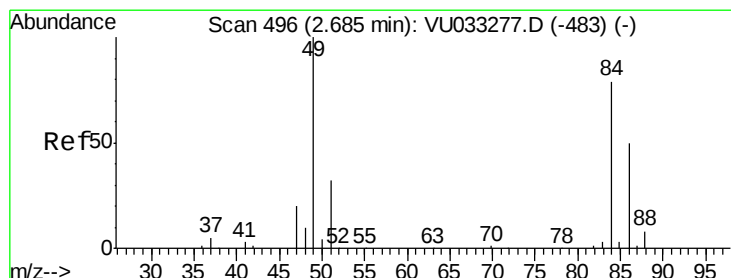
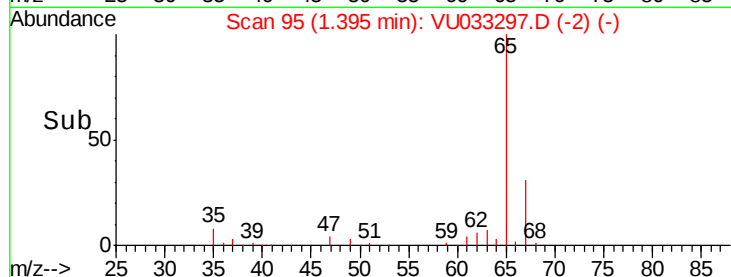
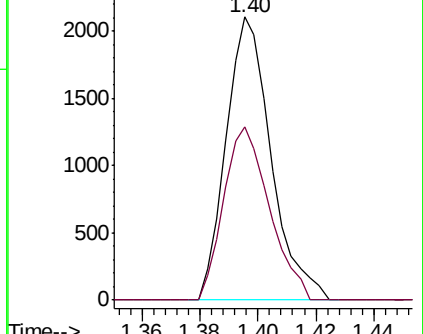
62 100

64 61.2 22.8 42.4#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#16

Methylene chloride

Concen: 0.119 ug/L

RT: 2.68 min Scan# 495

Delta R.T. -0.00 min

Lab File: VU033297.D

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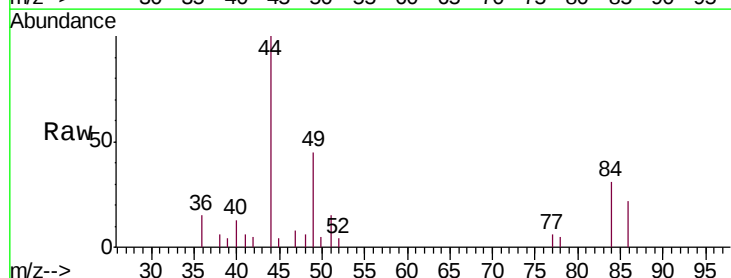
Tgt Ion: 84 Resp: 1474

Ion Ratio Lower Upper

84 100

86 69.7 42.5 78.9

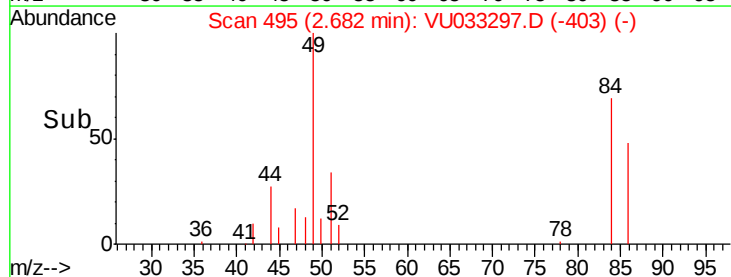
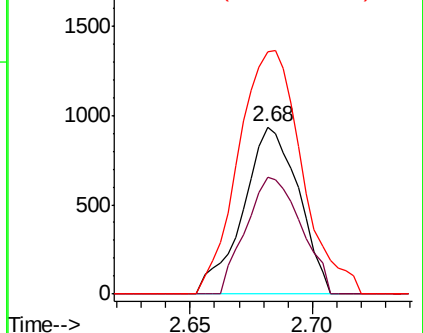
49 145.1 86.9 161.3

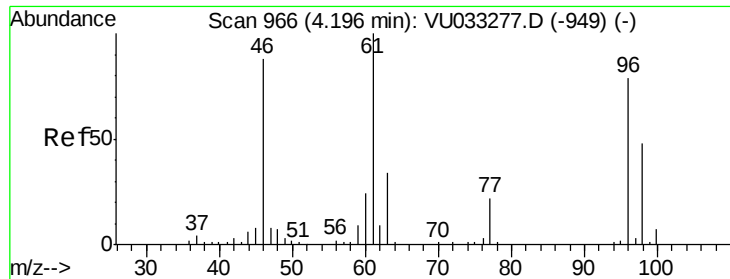


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

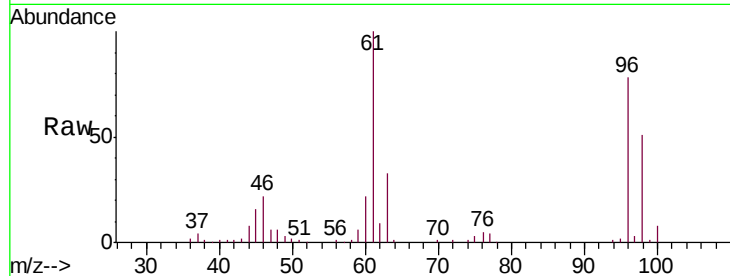




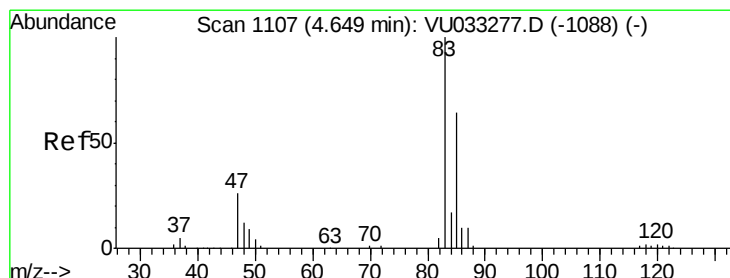
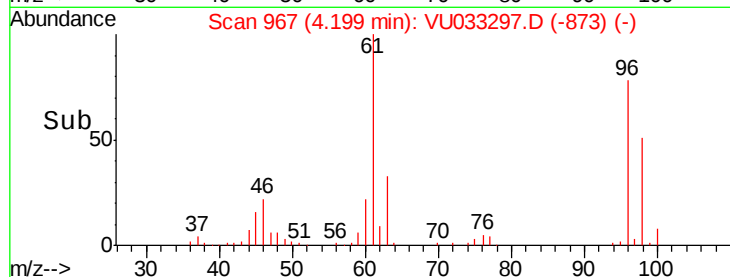
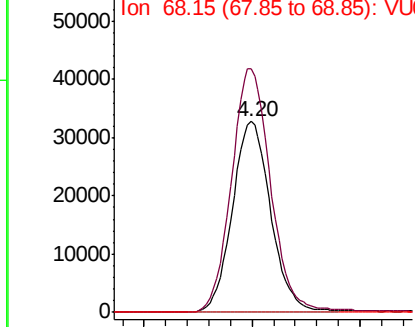
#22
 cis-1,2-Dichloroethene
 Concen: 8.595 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU033297.D
 Acq: 17 Jul 2019 17:59

Instrument :
 MSVOA_U
 ClientSampleId :
 A52MODL

Tgt Ion: 96 Resp: 81260
 Ion Ratio Lower Upper
 96 100
 61 127.5 89.2 165.6
 68 0.0 0.0 0.0

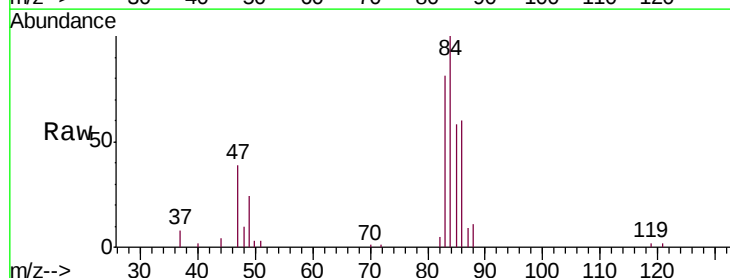


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

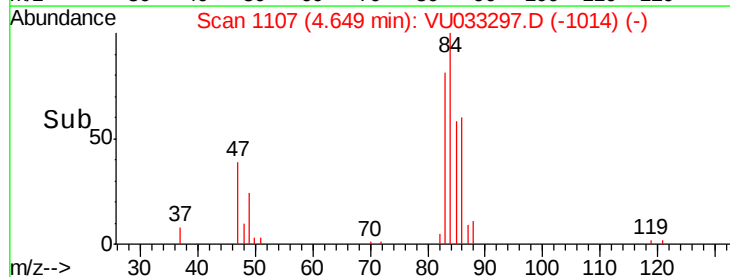
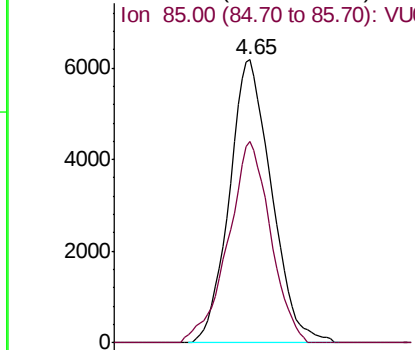


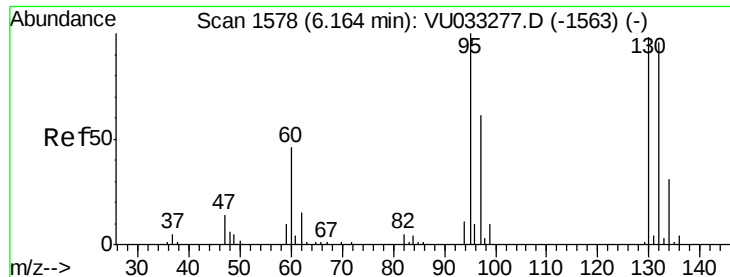
#25
 Chloroform
 Concen: 0.813 ug/L
 RT: 4.65 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: VU033297.D
 Acq: 17 Jul 2019 17:59

Tgt Ion: 83 Resp: 15142
 Ion Ratio Lower Upper
 83 100
 85 71.2 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 5.883 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VU033297.D

Acq: 17 Jul 2019 17:59

Instrument :

MSVOA_U

ClientSampleId :

A52MODL

Tgt Ion: 95 Resp: 57576

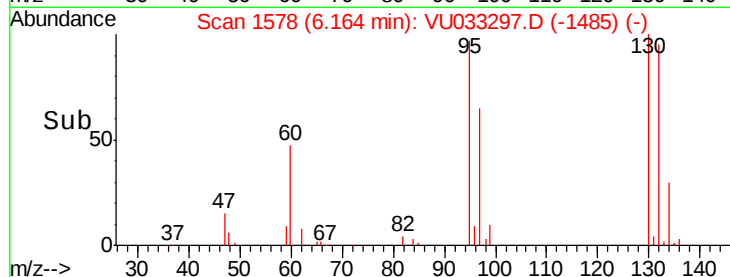
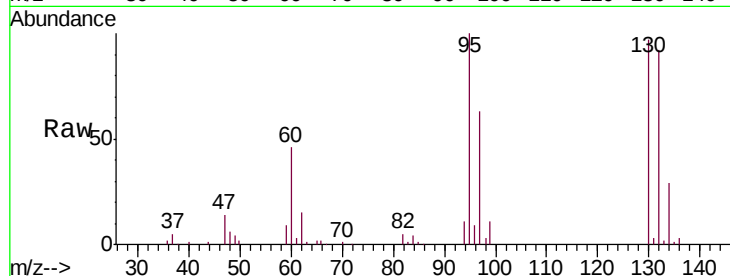
Ion Ratio Lower Upper

95 100

97 63.1 44.5 82.7

132 92.0 66.6 123.8

130 97.0 68.9 127.9



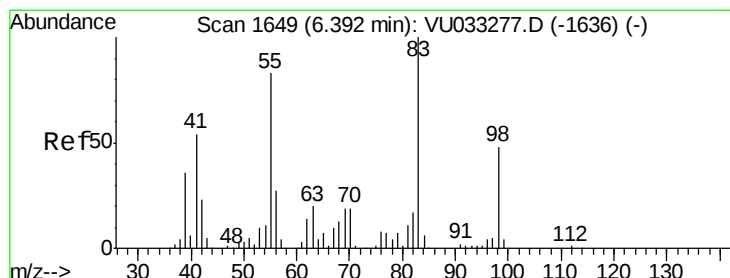
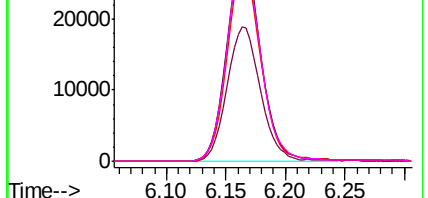
Abundance Ion 95.00 (94.70 to 95.70): VU033297.D (-1485) (-)

Ion 96.95 (96.65 to 97.65): VU033297.D (-1485) (-)

Ion 131.95 (131.65 to 132.65): VU033297.D (-1485) (-)

Ion 129.95 (129.65 to 130.65): VU033297.D (-1485) (-)

Time-->



#35

Methylcyclohexane

Concen: 0.778 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.08 min

Lab File: VU033297.D

Acq: 17 Jul 2019 17:59

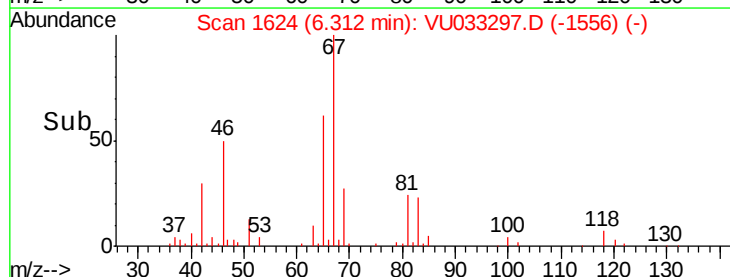
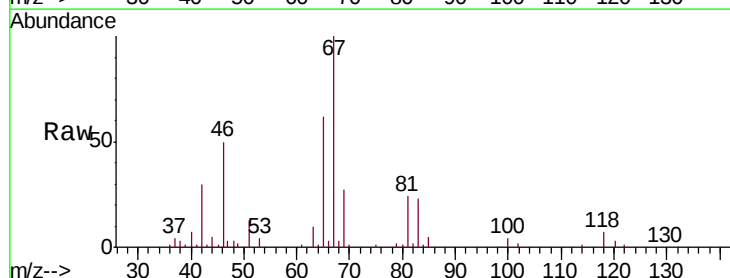
Tgt Ion: 83 Resp: 11468

Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

98 1.0 36.2 54.2#

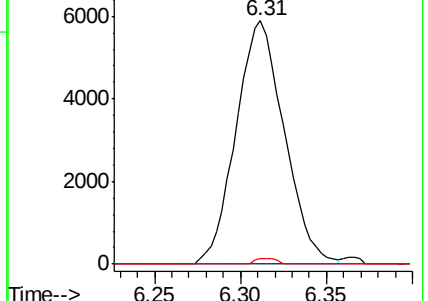


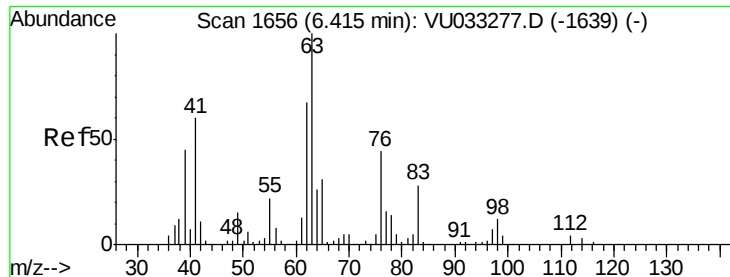
Abundance Ion 83.15 (82.85 to 83.85): VU033297.D (-1556) (-)

Ion 55.10 (54.80 to 55.80): VU033297.D (-1556) (-)

Ion 98.15 (97.85 to 98.85): VU033297.D (-1556) (-)

Time-->

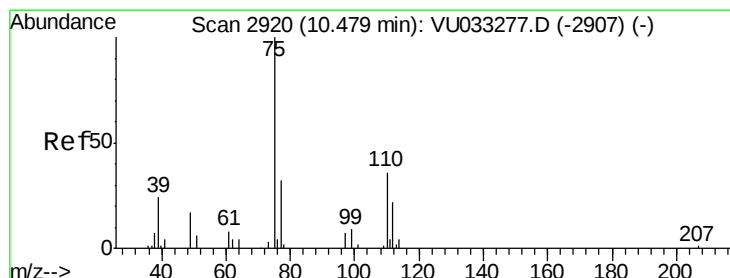
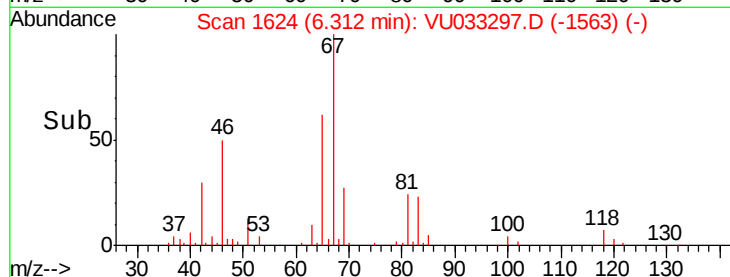
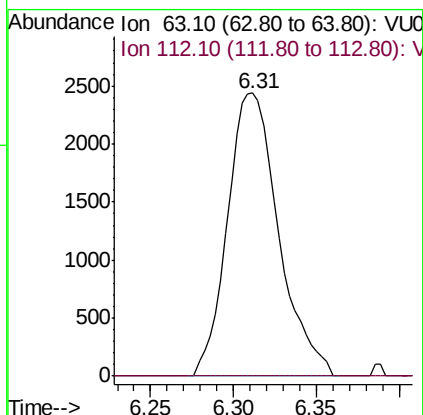
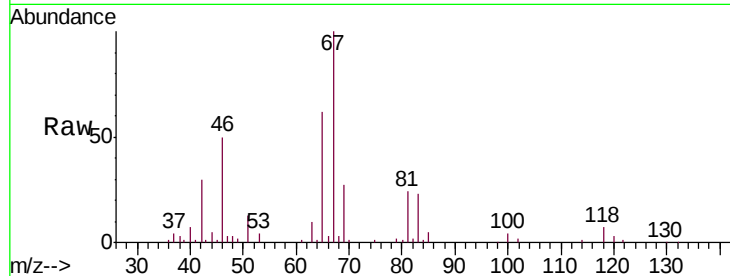




#37
 1,2-Dichloropropane
 Concen: 0.522 ug/L
 RT: 6.31 min Scan# 1624
 Delta R.T. -0.10 min
 Lab File: VU033297.D
 Acq: 17 Jul 2019 17:59

Instrument :
 MSVOA_U
 ClientSampleId :
 A52MODL

Tgt Ion: 63 Resp: 5226
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#59
 1,2,3-Trichloropropane
 Concen: 1.023 ug/L
 RT: 11.47 min Scan# 3228
 Delta R.T. 0.99 min
 Lab File: VU033297.D
 Acq: 17 Jul 2019 17:59

Tgt Ion: 75 Resp: 6670
 Ion Ratio Lower Upper
 75 100
 77 36.2 26.5 39.7

