

Data File : VU033265.D
Acq On : 16 Jul 2019 16:12
Operator : JC/SP
Sample : VIBLK41
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK41

Quant Time: Jul 17 04:48:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 17 04:42:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	128359	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	132642	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	53216	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	54519	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.67	69	49883	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.26	63	84996	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	4.18	46	117731	48.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.66%
24) Chloroform-d	4.62	84	88896	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.29	65	48853	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.32	84	167608	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.31	67	56051	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.55	98	147042	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	7.84	79	20413	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.30	63	85650	44.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.54%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	44140	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	53882	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

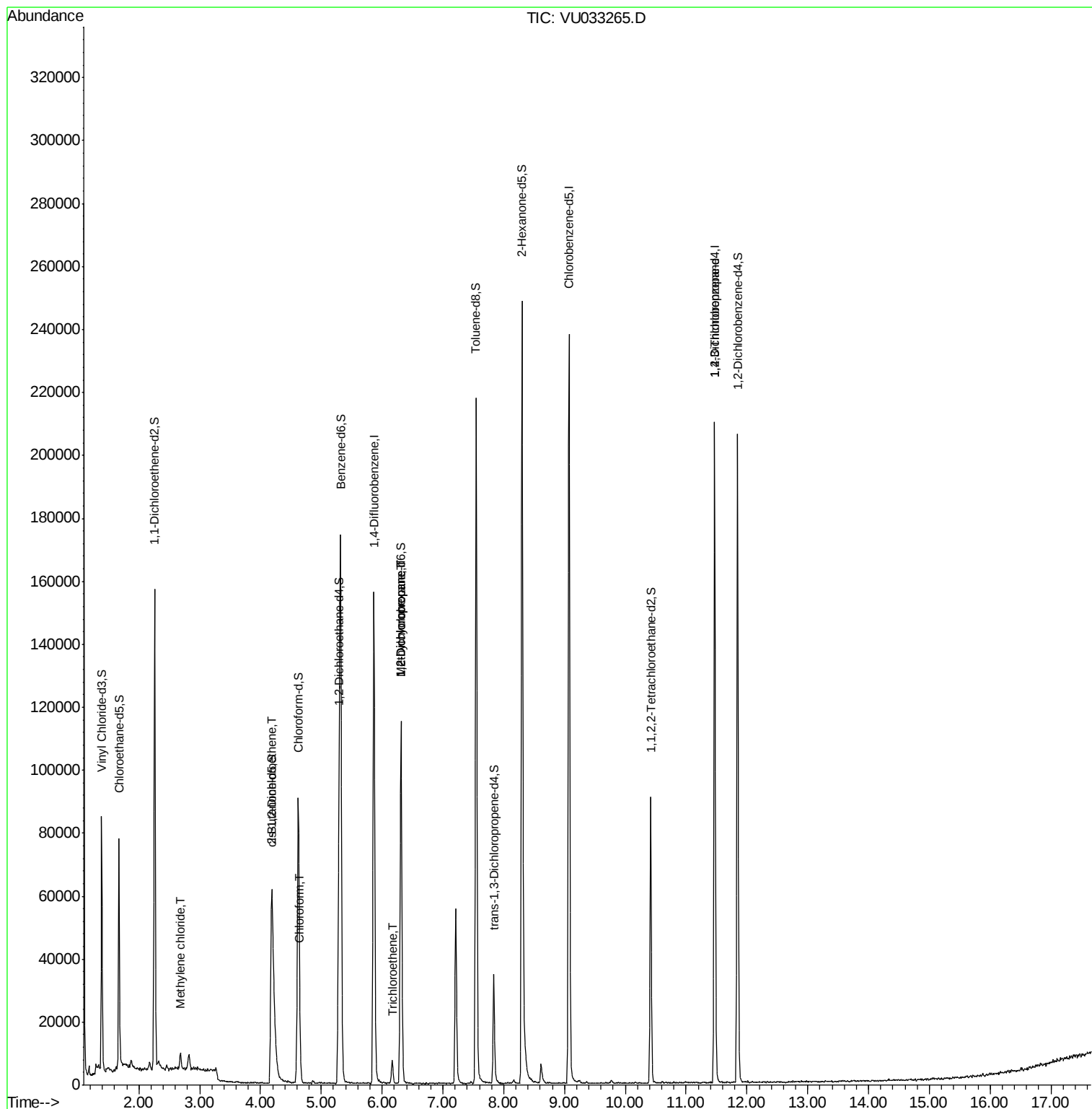
					Qvalue
16) Methylene chloride	2.68	84	2018	0.157 ug/L	96
22) cis-1,2-Dichloroethene	4.20	96	2230	0.227 ug/L	93
25) Chloroform	4.66	83	3347	0.173 ug/L	84
34) Trichloroethene	6.16	95	2593	0.261 ug/L	95
35) Methylcyclohexane	6.31	83	12669	0.846 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	6139	0.604 ug/L #	90
59) 1,2,3-Trichloropropane	11.47	75	6878	1.038 ug/L	91

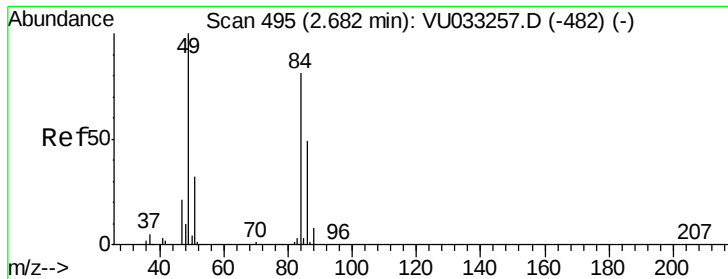
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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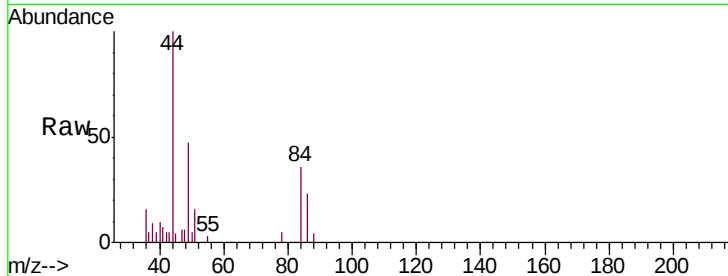




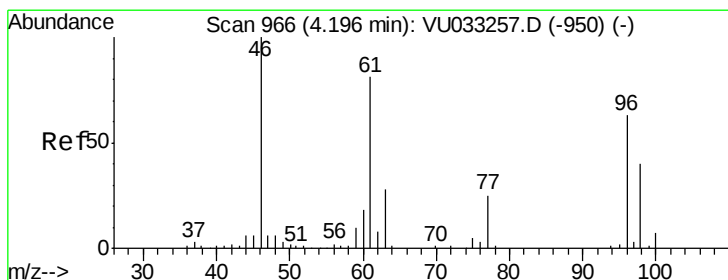
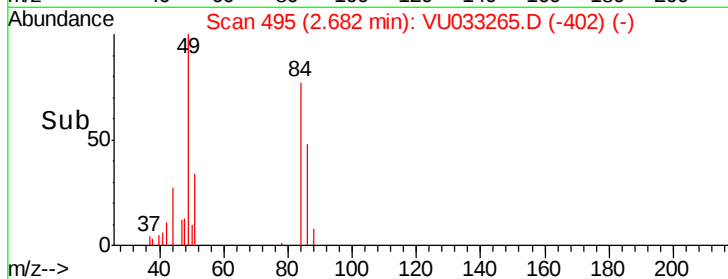
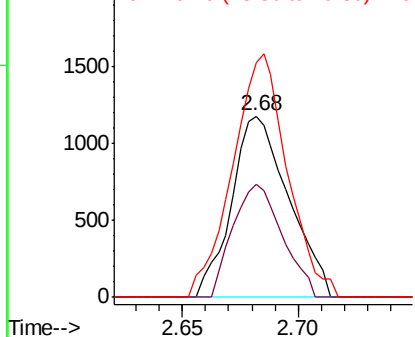
#16
Methylene chloride
Concen: 0.157 ug/L
RT: 2.68 min Scan# 495
Delta R.T. -0.00 min
Lab File: VU033265.D
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MSVOA_U
ClientSampleId :
VIBLK41

Tgt Ion: 84 Resp: 2018
Ion Ratio Lower Upper
84 100
86 62.1 42.5 78.9
49 129.6 86.9 161.3

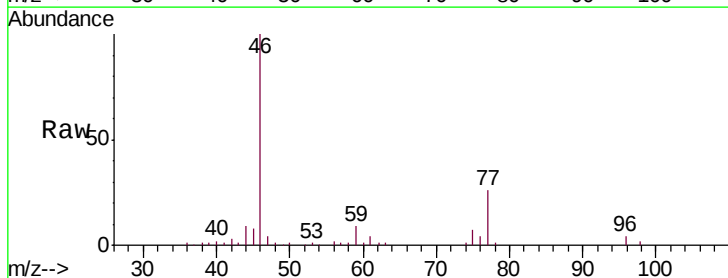


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

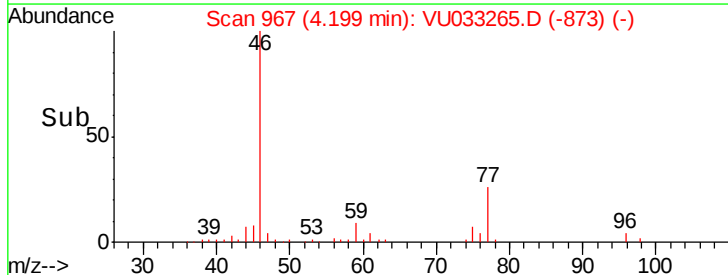
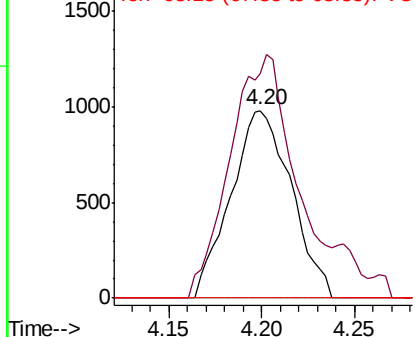


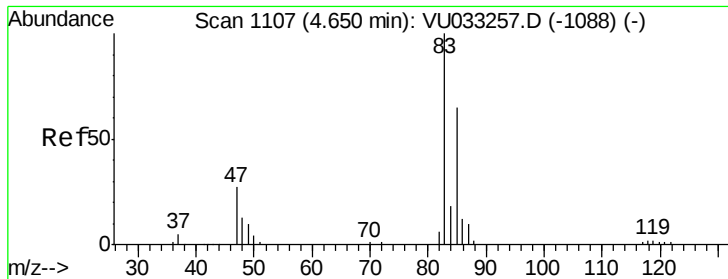
#22
cis-1,2-Dichloroethene
Concen: 0.227 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU033265.D
Acq: 16 Jul 2019 16:12

Tgt Ion: 96 Resp: 2230
Ion Ratio Lower Upper
96 100
61 119.6 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

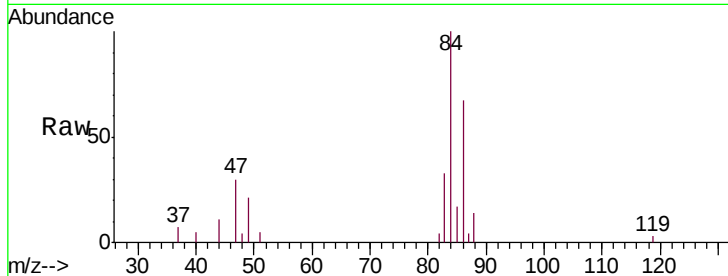




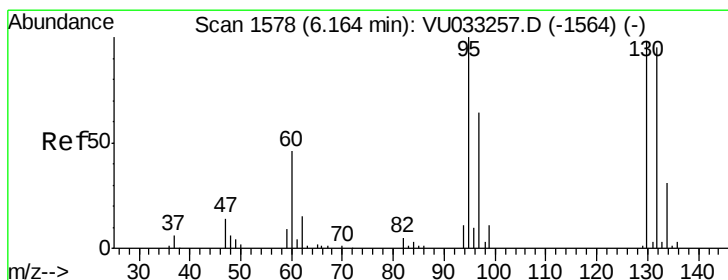
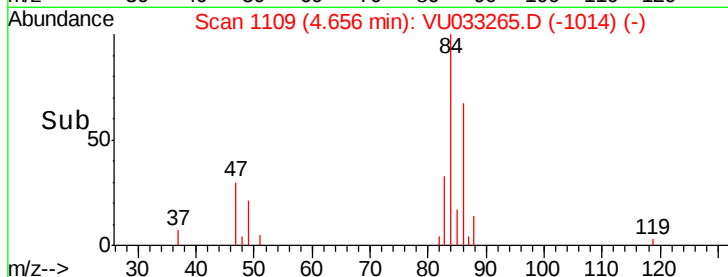
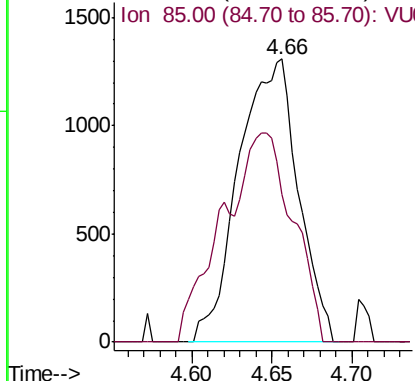
#25
Chloroform
Concen: 0.173 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. 0.01 min
Lab File: VU033265.D
Acq: 16 Jul 2019 16:12

Instrument :
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Tgt Ion: 83 Resp: 3347
Ion Ratio Lower Upper
83 100
85 52.4 45.4 84.4

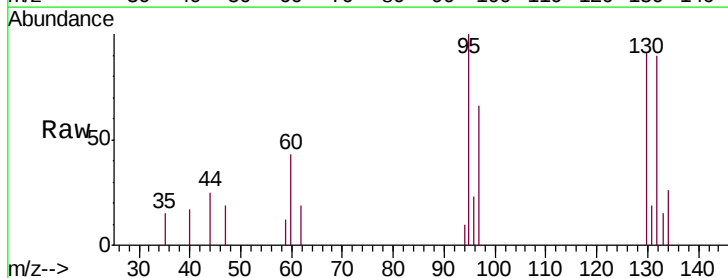


Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

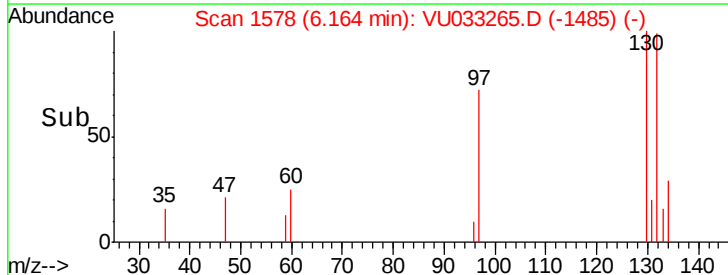
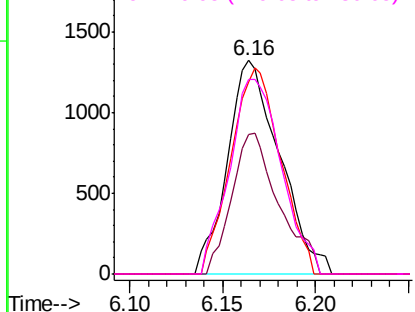


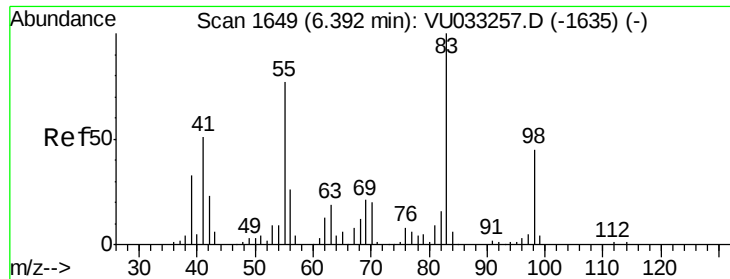
#34
Trichloroethene
Concen: 0.261 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VU033265.D
Acq: 16 Jul 2019 16:12

Tgt Ion: 95 Resp: 2593
Ion Ratio Lower Upper
95 100
97 65.6 44.5 82.7
132 90.0 66.6 123.8
130 91.2 68.9 127.9



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 96.95 (96.65 to 97.65): VU0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V

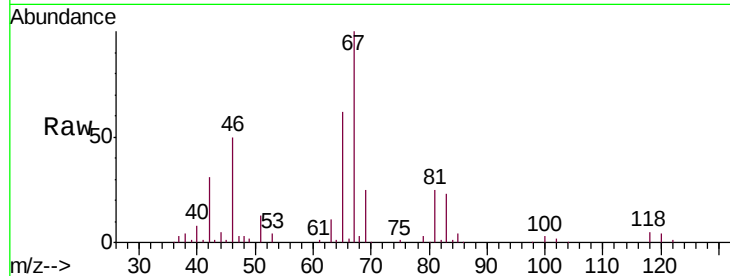




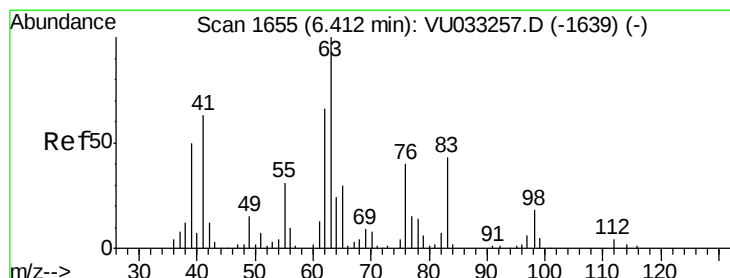
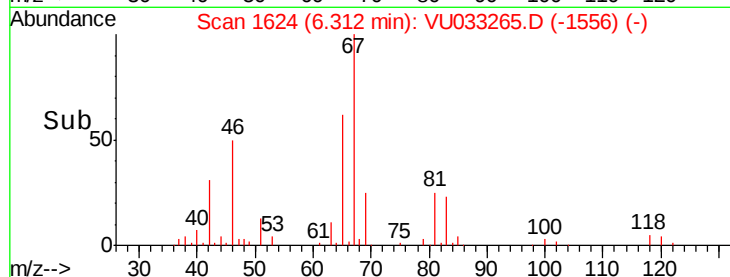
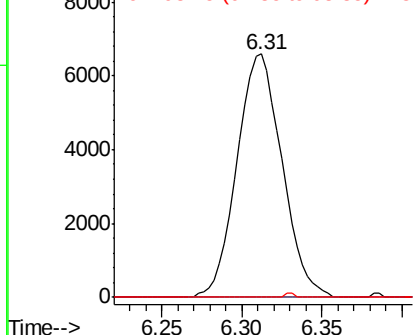
#35
Methylcyclohexane
Concen: 0.846 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU033265.D
Acq: 16 Jul 2019 16:12

Instrument :
MSVOA_U
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VIBLK41

Tgt Ion: 83 Resp: 12669
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.4 36.2 54.2#

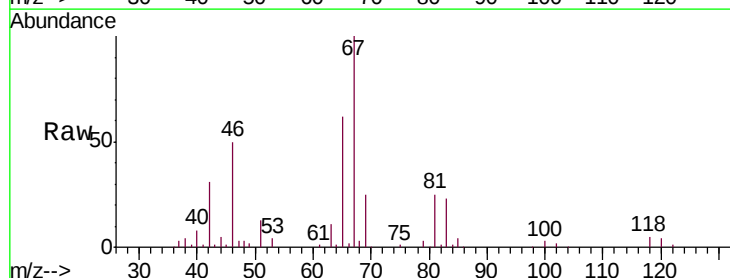


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

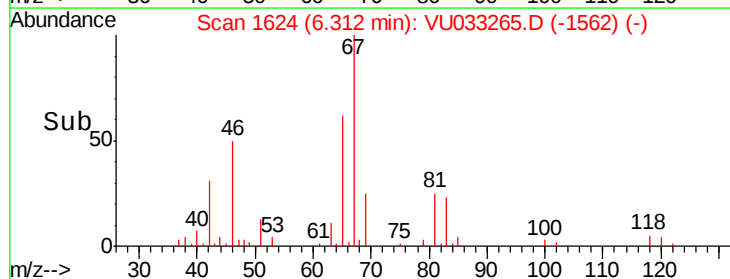
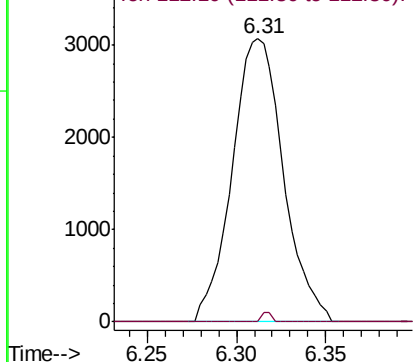


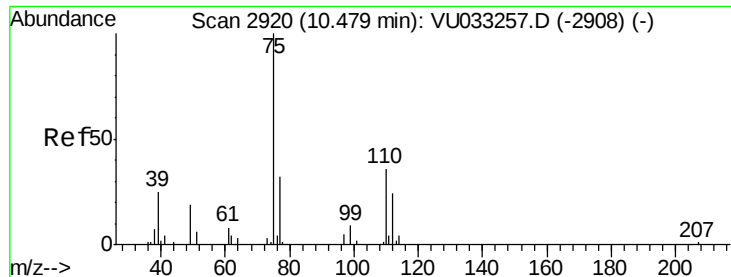
#37
1,2-Dichloropropane
Concen: 0.604 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU033265.D
Acq: 16 Jul 2019 16:12

Tgt Ion: 63 Resp: 6139
Ion Ratio Lower Upper
63 100
112 0.7 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: 1.038 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033265.D

Acq: 16 Jul 2019 16:12

Instrument :

MSVOA_U

ClientSampleId :

VIBLK41

Tgt Ion: 75 Resp: 6878

Ion Ratio Lower Upper

75 100

77 38.0 26.5 39.7

