

Data File : VU033461.D
Acq On : 26 Jul 2019 18:13
Operator : JC/SP
Sample : K3976-12DL 500X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CB1DL

Quant Time: Jul 27 02:03:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 01:57:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	262845	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	277475	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	117627	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	103489	52.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.02%
7) Chloroethane-d5	1.67	69	95034	55.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.82%
11) 1,1-Dichloroethene-d2	2.25	63	134007	37.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.26%
21) 2-Butanone-d5	4.15	46	138923	110.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.19%
24) Chloroform-d	4.62	84	174446	52.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.64%
26) 1,2-Dichloroethane-d4	5.29	65	117551	54.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.92%
32) Benzene-d6	5.32	84	349225	51.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.31	67	113317	51.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.94%
41) Toluene-d8	7.55	98	312114	48.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.24%
43) trans-1,3-Dichloropropene-	7.83	79	49215	46.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.06%
47) 2-Hexanone-d5	8.29	63	94109	95.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.74%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	169724	51.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.86%
64) 1,2-Dichlorobenzene-d4	11.85	152	118183	56.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.68%

Target Compounds

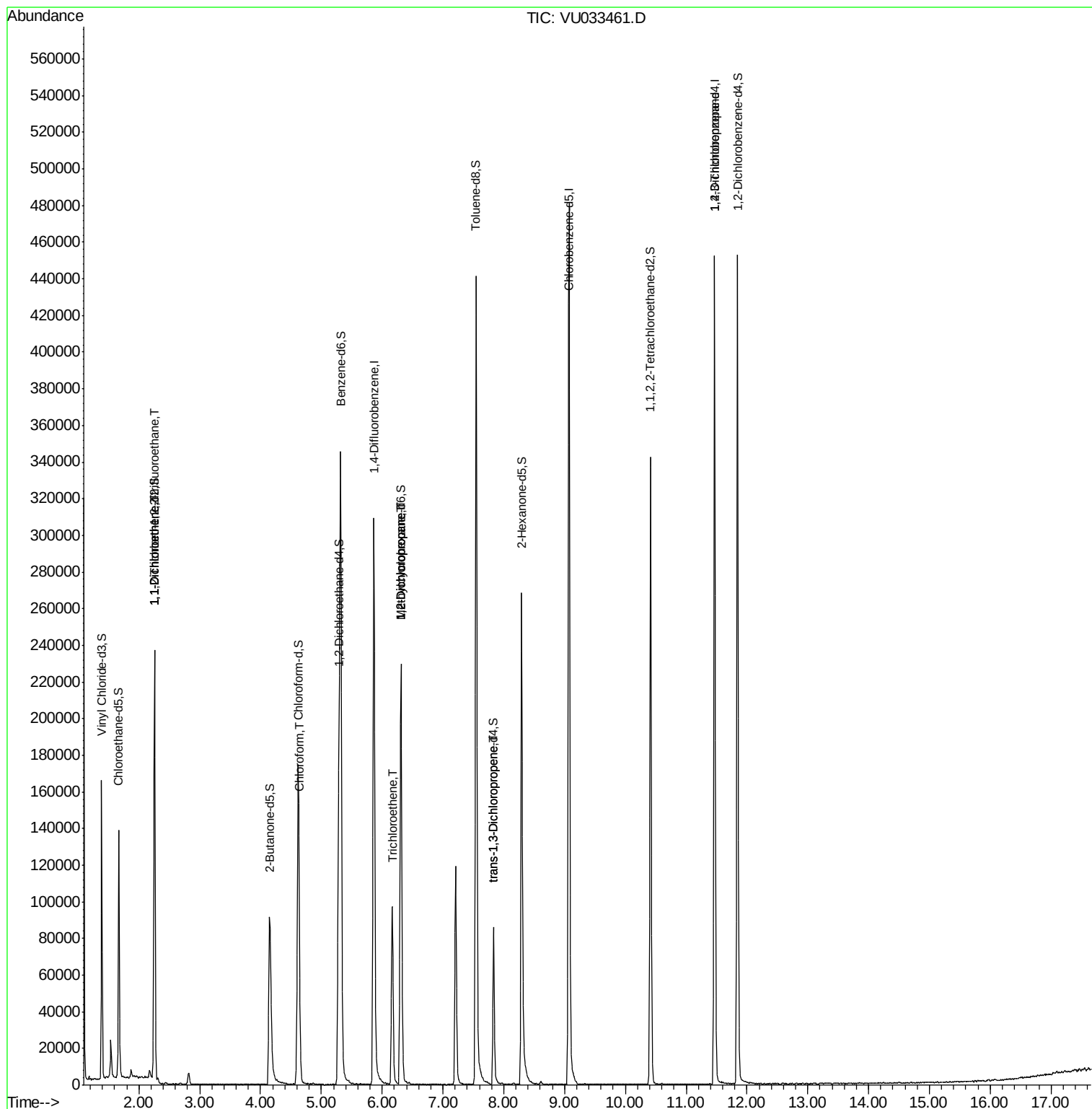
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	1069	0.596	ug/L #	21
12) 1,1-Dichloroethene	2.26	96	1024	0.584	ug/L #	1
25) Chloroform	4.64	83	5922	1.598	ug/L	91
34) Trichloroethene	6.16	95	33988	16.060	ug/L	95
35) Methylcyclohexane	6.31	83	26342	8.126	ug/L #	20
37) 1,2-Dichloropropane	6.31	63	12211	5.564	ug/L #	88
44) trans-1,3-Dichloropropene	7.83	75	2221	0.732	ug/L #	79
59) 1,2,3-Trichloropropane	11.47	75	14027	4.910	ug/L	93

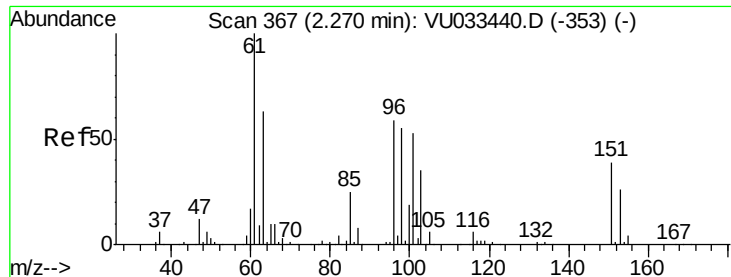
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.596 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.02 min

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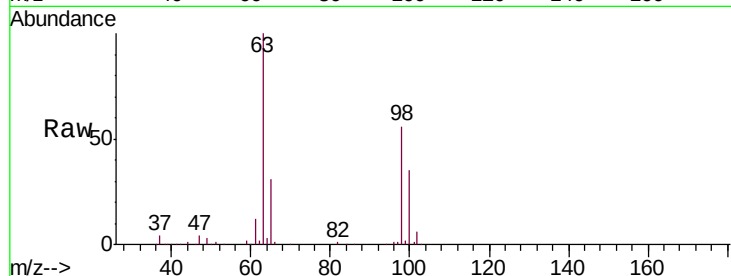
Tgt Ion: 101 Resp: 1069

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

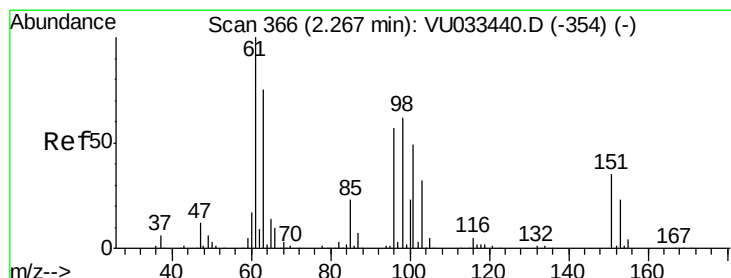
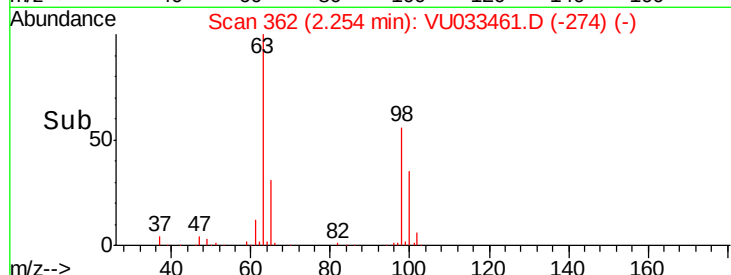
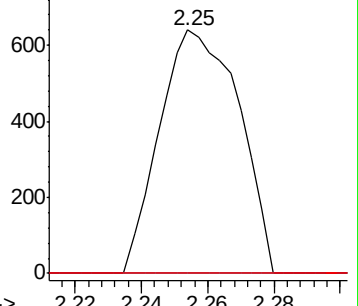
151 0.0 56.7 85.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.584 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU033461.D

Acq: 26 Jul 2019 18:13

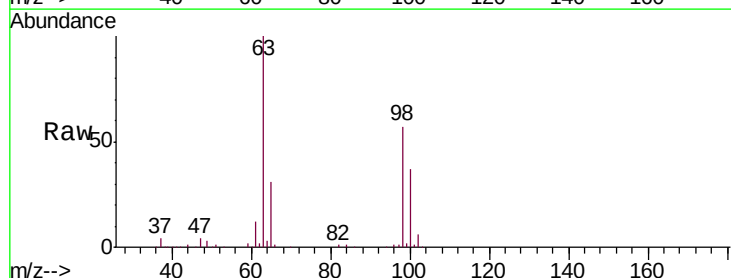
Tgt Ion: 96 Resp: 1024

Ion Ratio Lower Upper

96 100

61 1627.9 126.1 234.1#

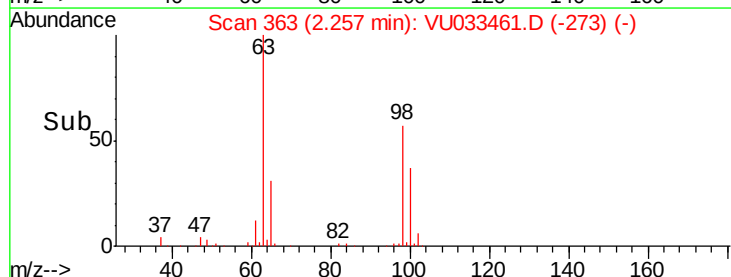
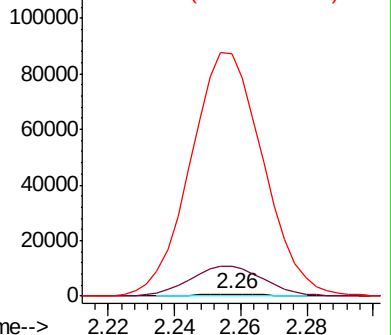
63 13155.3 96.8 179.8#

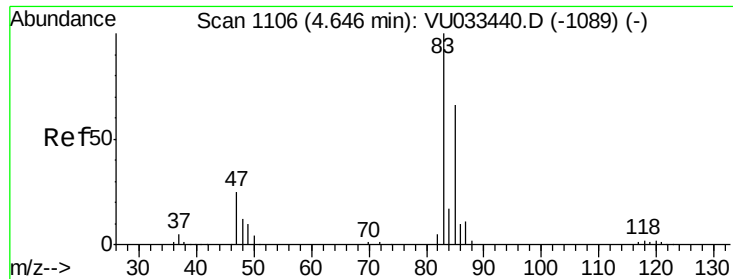


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

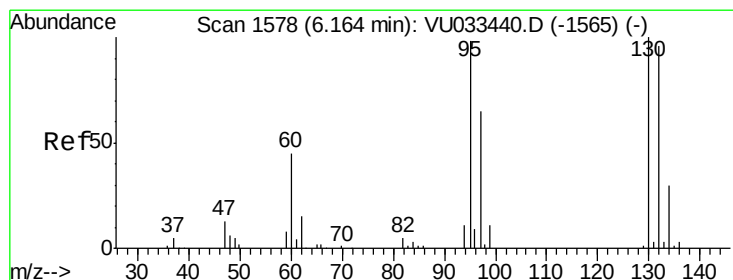
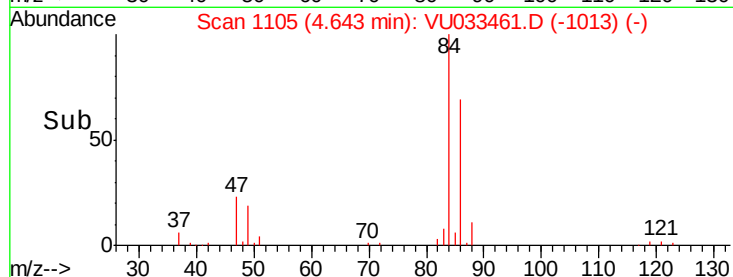
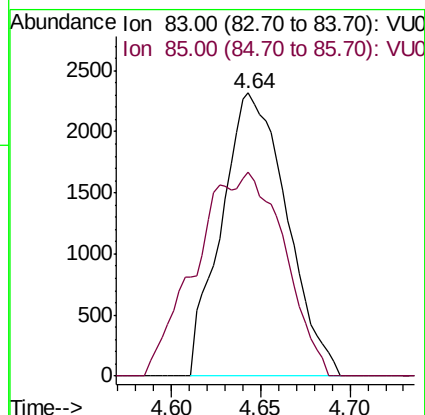
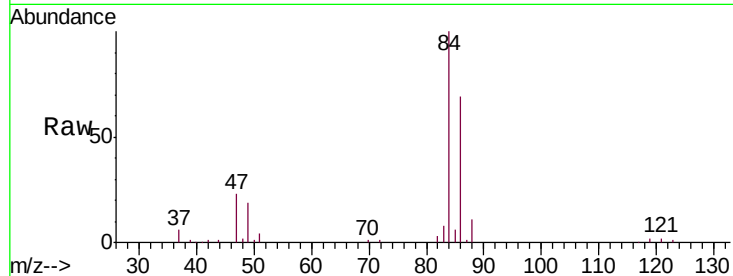




#25
Chloroform
Concen: 1.598 ug/L
RT: 4.64 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VU033461.D
Acq: 26 Jul 2019 18:13

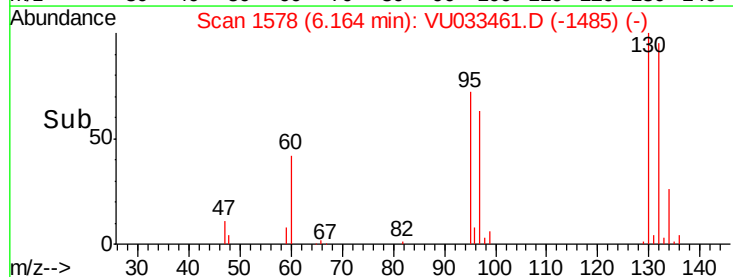
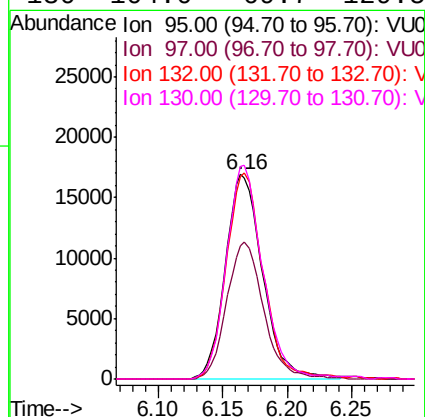
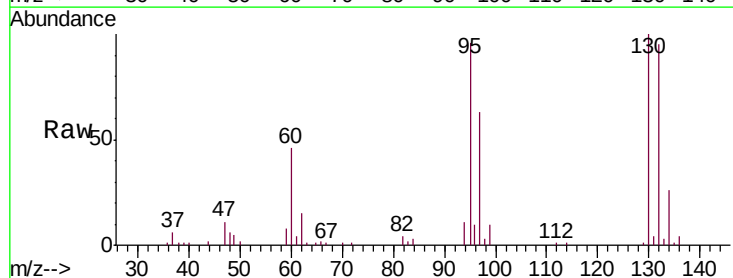
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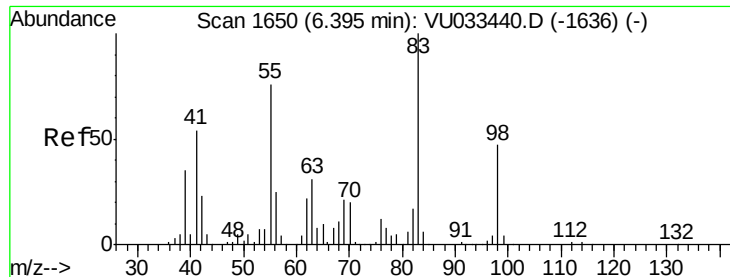
Tgt Ion: 83 Resp: 5922
Ion Ratio Lower Upper
83 100
85 72.1 45.4 84.4



#34
Trichloroethene
Concen: 16.060 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VU033461.D
Acq: 26 Jul 2019 18:13

Tgt Ion: 95 Resp: 33988
Ion Ratio Lower Upper
95 100
97 65.3 43.8 81.4
132 99.0 65.5 121.6
130 104.0 69.7 129.5

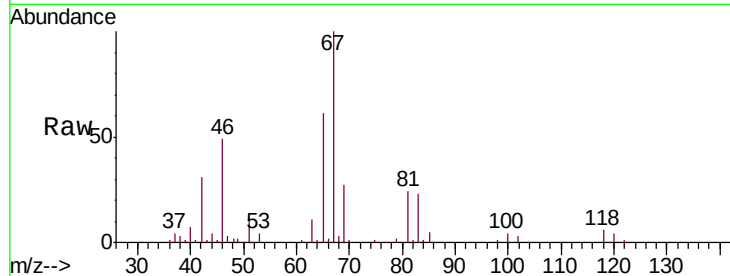




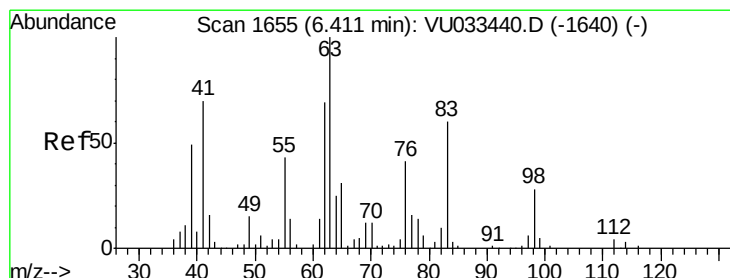
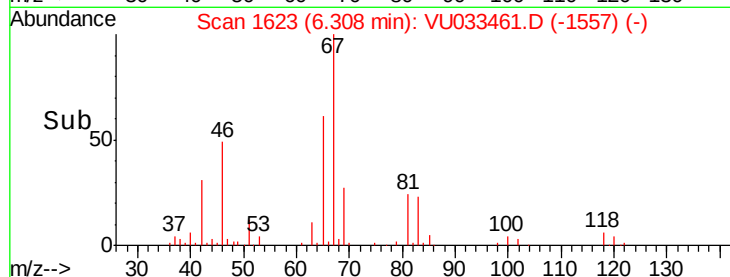
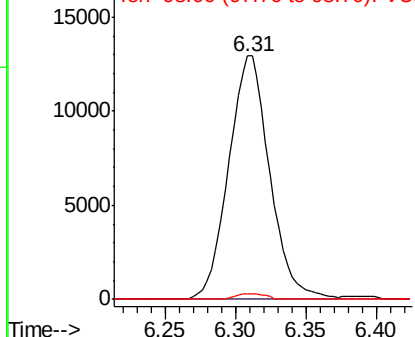
#35
Methylcyclohexane
Concen: 8.126 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.09 min
Lab File: VU033461.D
Acq: 26 Jul 2019 18:13

Instrument :
MSVOA_U
ClientSampleId :
C0CB1DL

Tgt Ion: 83 Resp: 26342
Ion Ratio Lower Upper
83 100
55 0.0 60.5 90.7#
98 1.7 37.4 56.0#

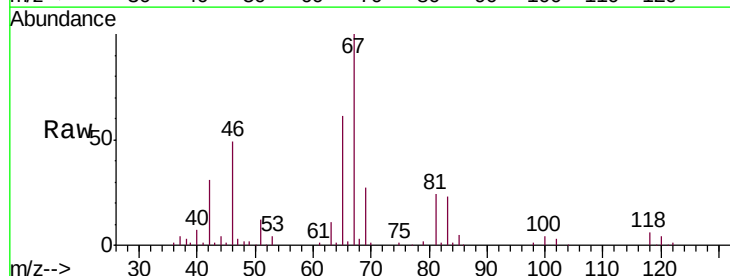


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

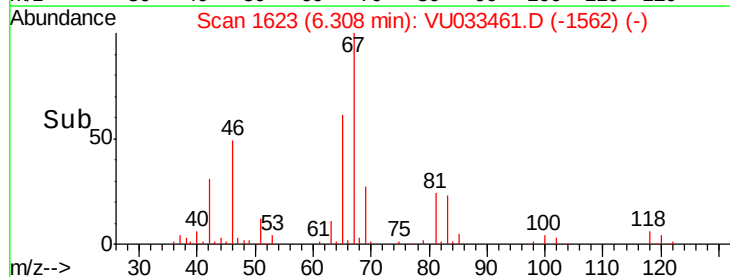
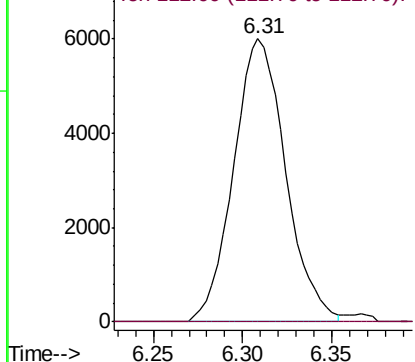


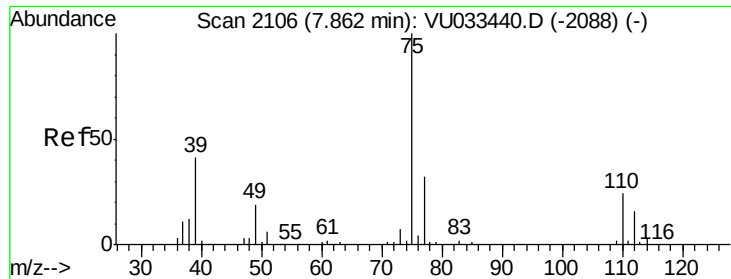
#37
1,2-Dichloropropane
Concen: 5.564 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU033461.D
Acq: 26 Jul 2019 18:13

Tgt Ion: 63 Resp: 12211
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V





#44

trans-1,3-Dichloropropene

Concen: 0.732 ug/L

RT: 7.83 min Scan# 2096

Delta R.T. -0.03 min

Lab File: VU033461.D

Acq: 26 Jul 2019 18:13

Instrument :

MSVOA_U

ClientSampleId :

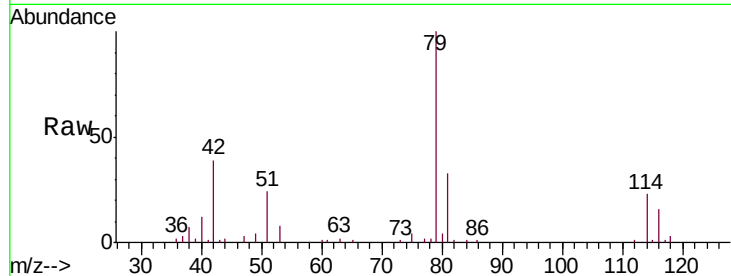
C0CB1DL

Tgt Ion: 75 Resp: 2221

Ion Ratio Lower Upper

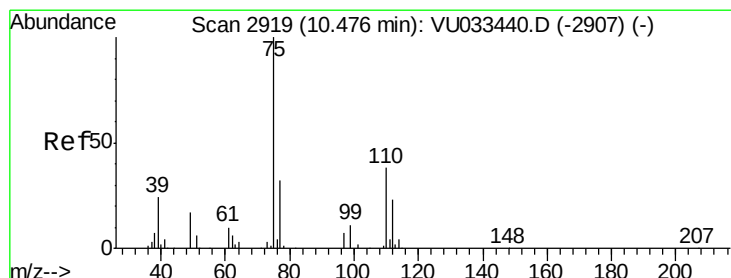
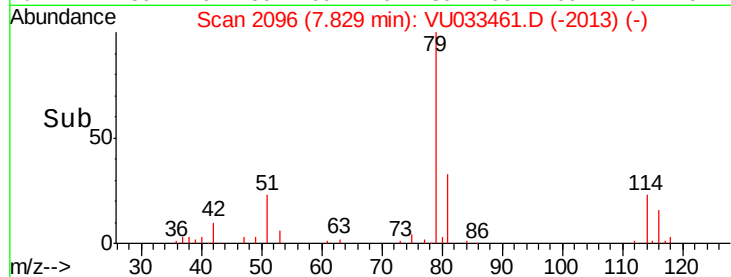
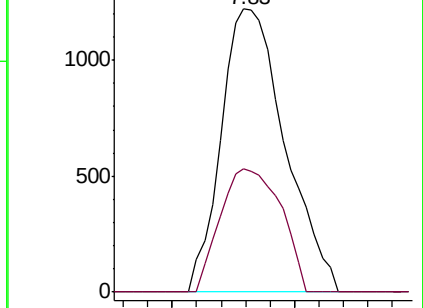
75 100

77 43.5 22.4 41.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 4.910 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033461.D

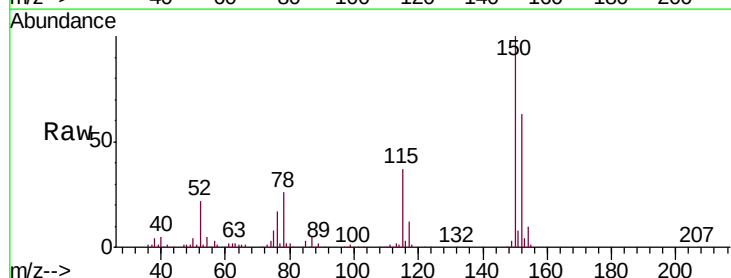
Acq: 26 Jul 2019 18:13

Tgt Ion: 75 Resp: 14027

Ion Ratio Lower Upper

75 100

77 36.2 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

