

Data File : VU034975.D
Acq On : 07 Oct 2019 21:27
Operator : JC/SP
Sample : K5219-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
RD-8-001-01

Quant Time: Oct 09 04:04:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 09 03:56:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	184673	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	184721	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	72949	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	49919	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.68	69	47863	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.26	63	74266	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.17	46	155745	48.45	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.90%
24) Chloroform-d	4.62	84	97378	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.29	65	59432	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.32	84	213225	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.31	67	73625	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.54	98	194327	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.84	79	21218	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.30	63	112384	45.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.68%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	60241	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	67368	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

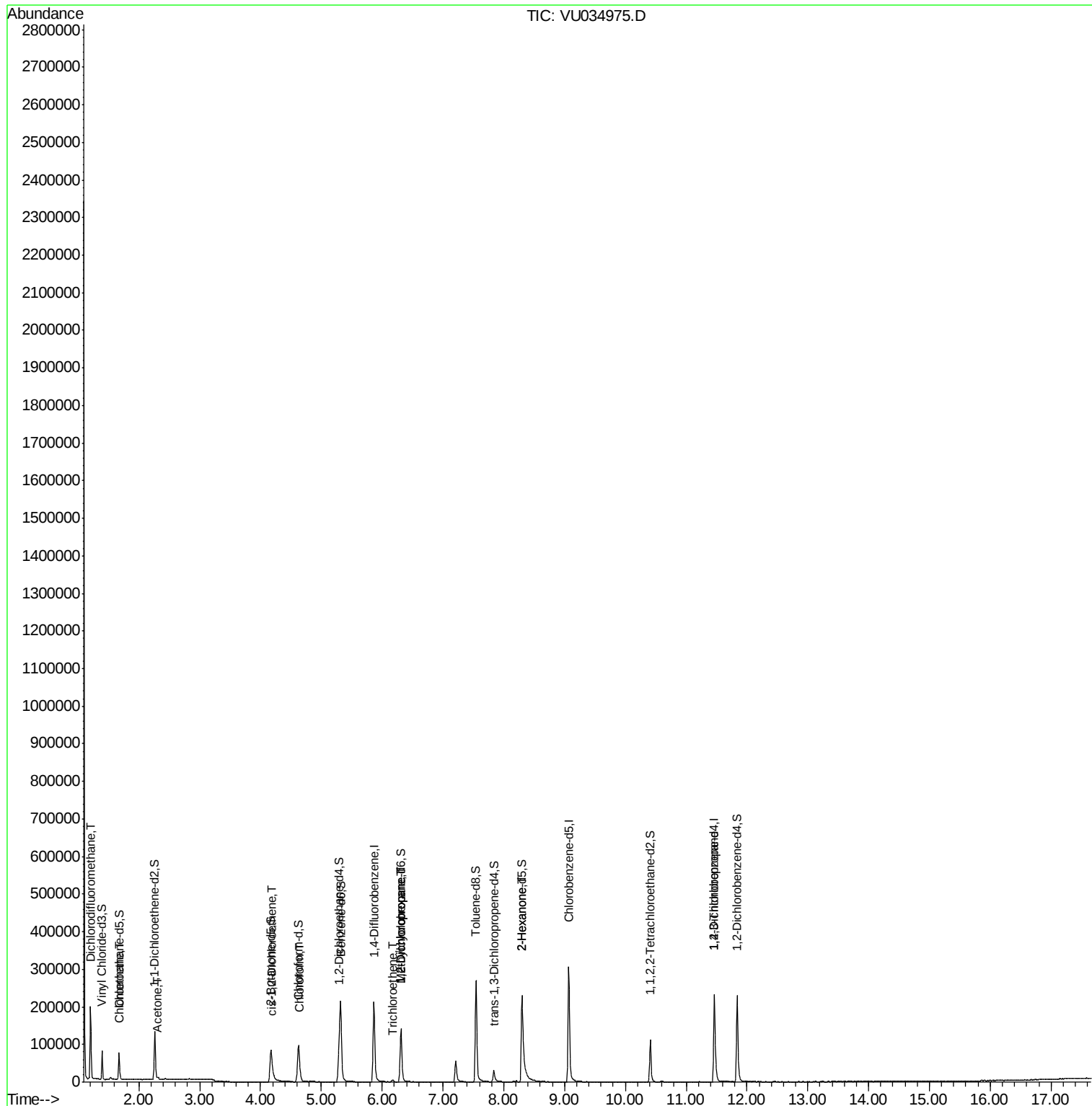
					Qvalue
2) Dichlorodifluoromethane	1.21	85	2526	0.150 ug/L	100
8) Chloroethane	1.69	64	909	0.083 ug/L #	64
13) Acetone	2.31	43	5659	2.149 ug/L	95
22) cis-1,2-Dichloroethene	4.20	96	2233	0.158 ug/L	88
25) Chloroform	4.65	83	9779	0.345 ug/L	93
34) Trichloroethene	6.17	95	2000	0.139 ug/L	92
35) Methylcyclohexane	6.31	83	15769	0.678 ug/L #	19
37) 1,2-Dichloropropane	6.31	63	8075	0.538 ug/L #	89
48) 2-Hexanone	8.30	43	12825	1.980 ug/L #	67
59) 1,2,3-Trichloropropane	11.47	75	8983	0.925 ug/L #	84

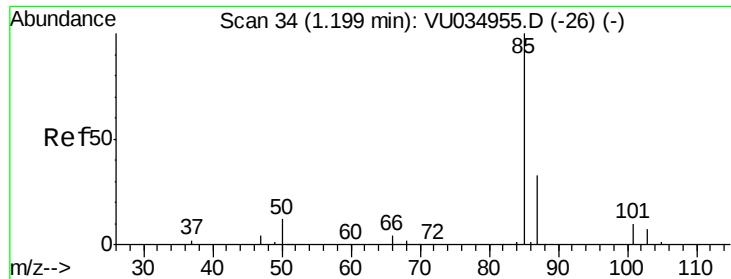
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.150 ug/L

RT: 1.21 min Scan# 36

Delta R.T. 0.01 min

Lab File: VU034975.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_U

ClientSampleId :

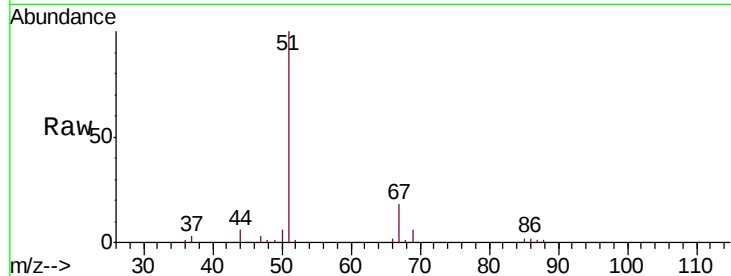
RD-8-001-01

Tgt Ion: 85 Resp: 2526

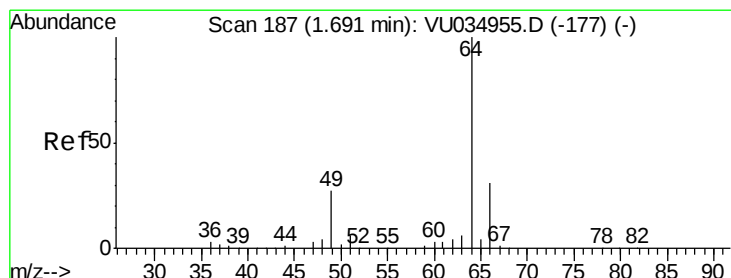
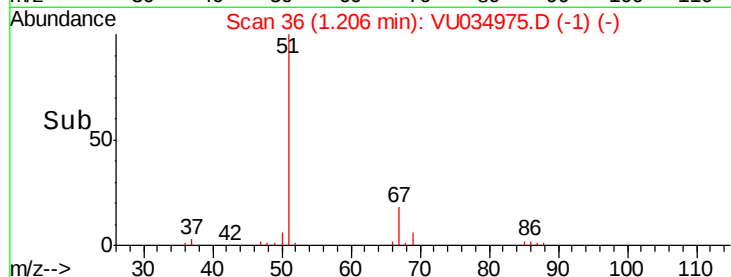
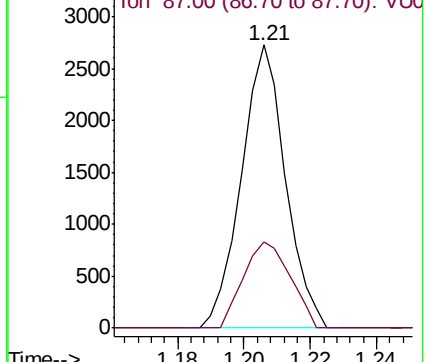
Ion Ratio Lower Upper

85 100

87 32.2 25.9 38.9



Abundance Ion 85.00 (84.70 to 85.70): VU034975.D (-1) (-)



#8

Chloroethane

Concen: 0.083 ug/L

RT: 1.69 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU034975.D

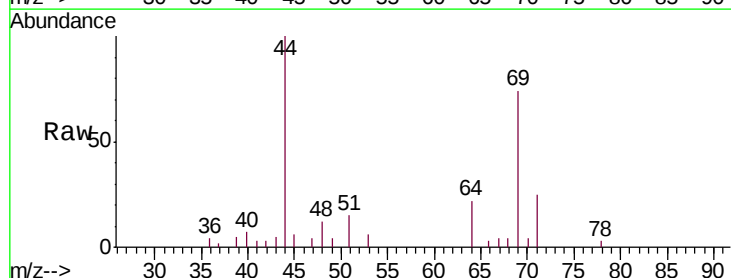
Acq: 07 Oct 2019 21:27

Tgt Ion: 64 Resp: 909

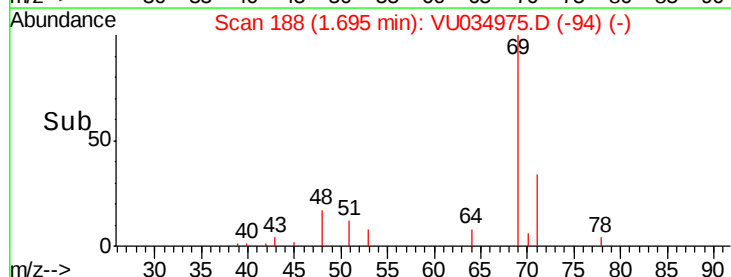
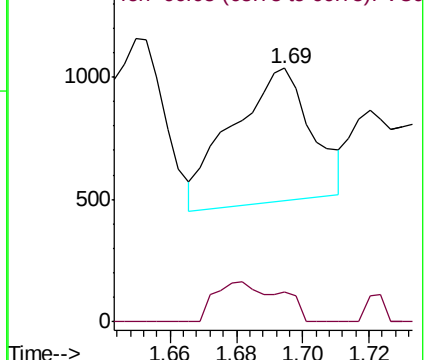
Ion Ratio Lower Upper

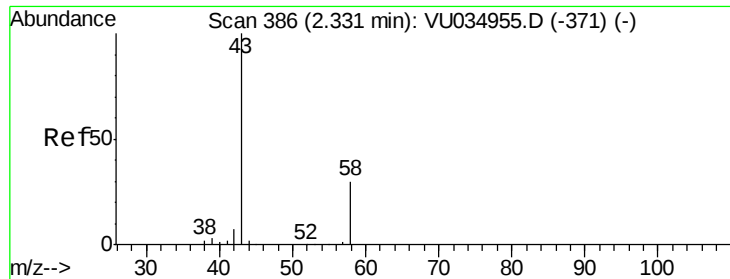
64 100

66 11.8 22.4 41.6#



Abundance Ion 64.10 (63.80 to 64.80): VU034975.D (-94) (-)





#13

Acetone

Concen: 2.149 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

Lab File: VU034975.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_U

ClientSampleId :

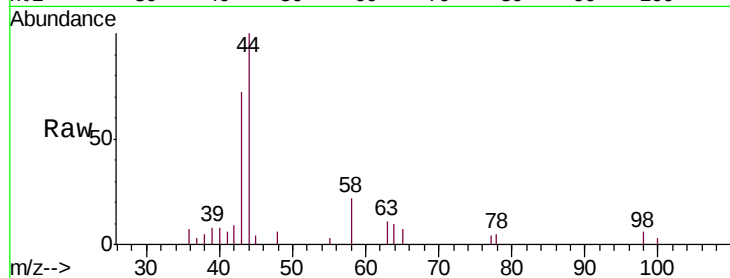
RD-8-001-01

Tgt Ion: 43 Resp: 5659

Ion Ratio Lower Upper

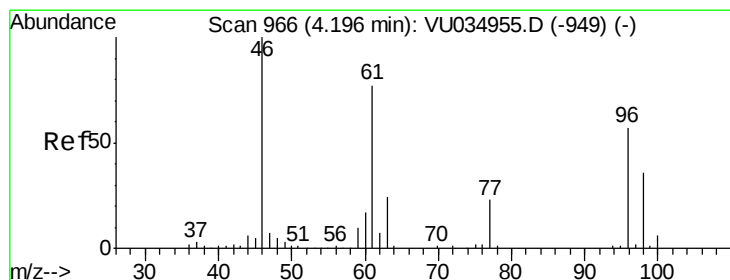
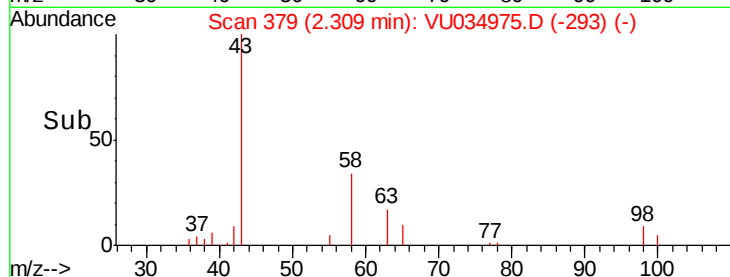
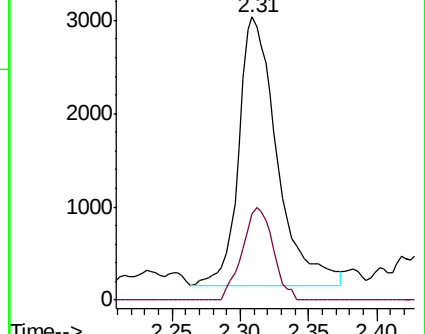
43 100

58 27.5 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU034975.D (-371) (-)

Ion 58.05 (57.75 to 58.75): VU034975.D (-371) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.158 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU034975.D

Acq: 07 Oct 2019 21:27

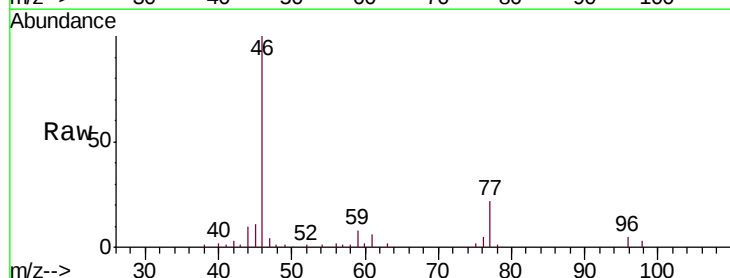
Tgt Ion: 96 Resp: 2233

Ion Ratio Lower Upper

96 100

61 122.6 96.4 179.0

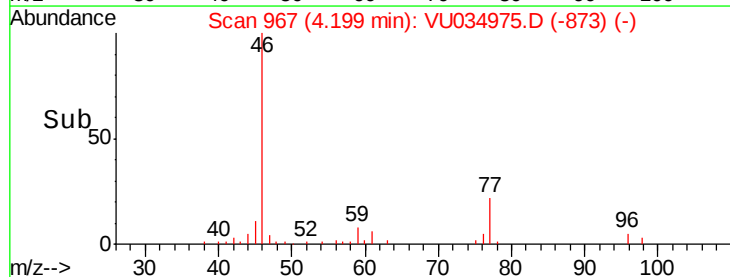
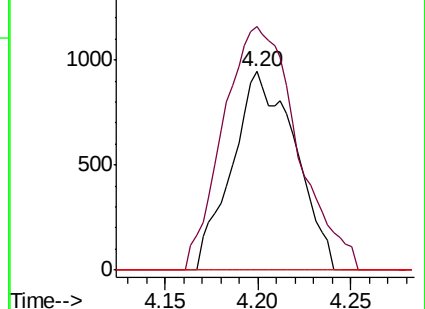
68 0.0 0.0 0.0

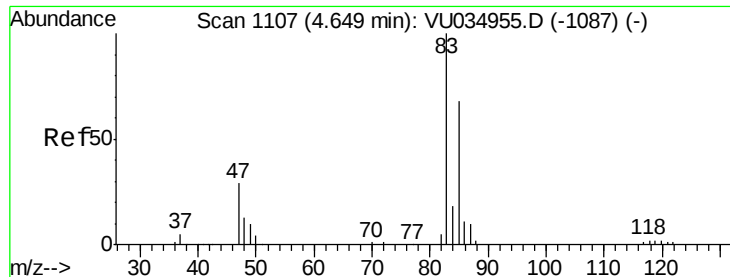


Abundance Ion 96.00 (95.70 to 96.70): VU034975.D (-873) (-)

Ion 61.05 (60.75 to 61.75): VU034975.D (-873) (-)

Ion 68.15 (67.85 to 68.85): VU034975.D (-873) (-)

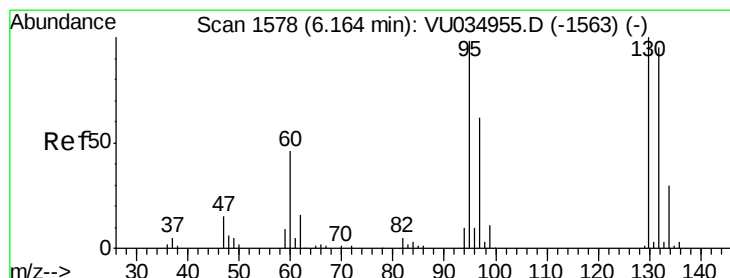
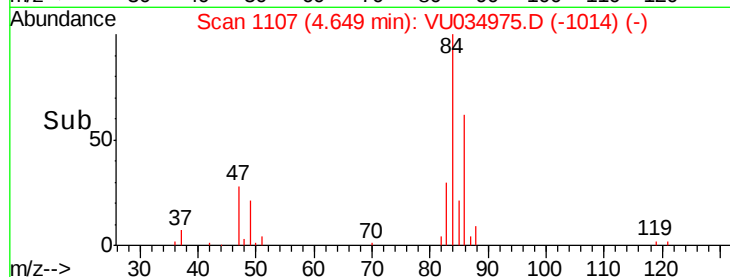
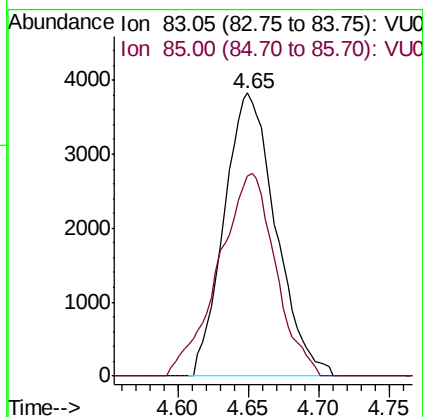
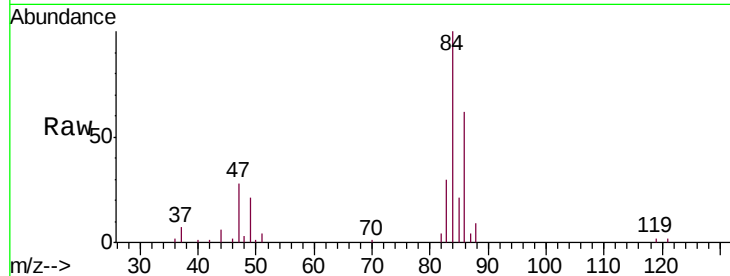




#25
Chloroform
Concen: 0.345 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU034975.D
Acq: 07 Oct 2019 21:27

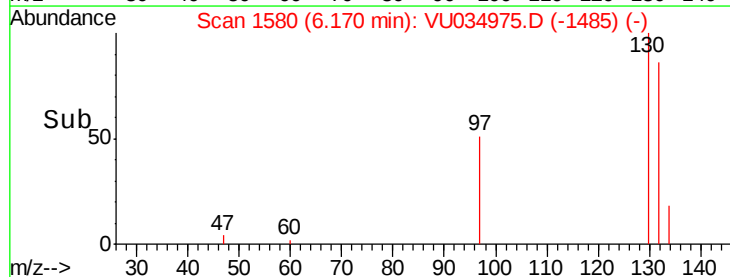
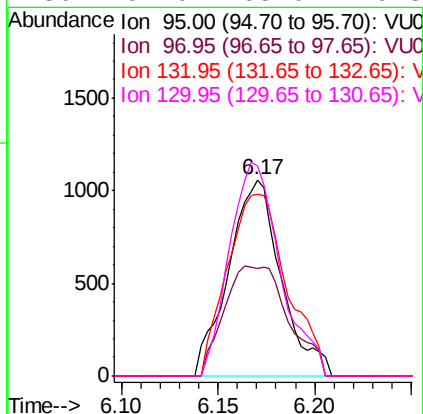
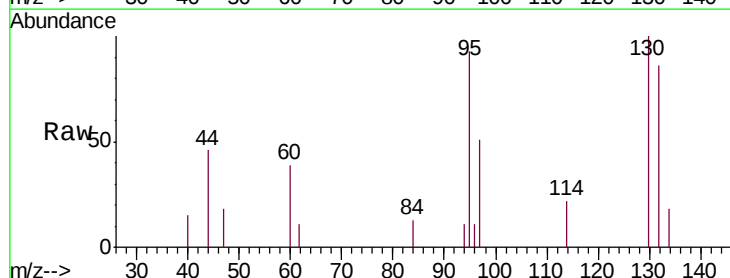
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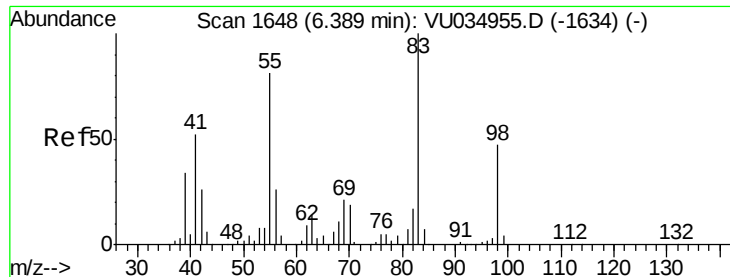
Tgt Ion: 83 Resp: 9779
Ion Ratio Lower Upper
83 100
85 70.7 45.4 84.4



#34
Trichloroethene
Concen: 0.139 ug/L
RT: 6.17 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VU034975.D
Acq: 07 Oct 2019 21:27

Tgt Ion: 95 Resp: 2000
Ion Ratio Lower Upper
95 100
97 54.6 42.5 78.9
132 92.3 65.8 122.2
130 107.0 65.0 120.8

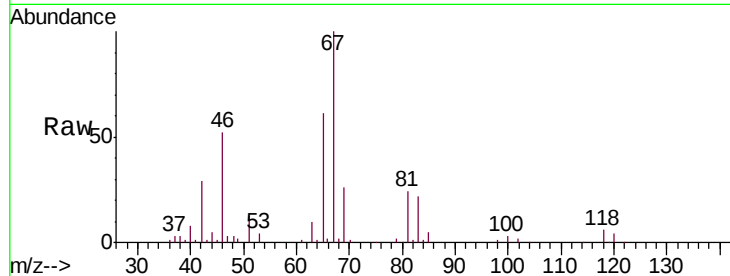




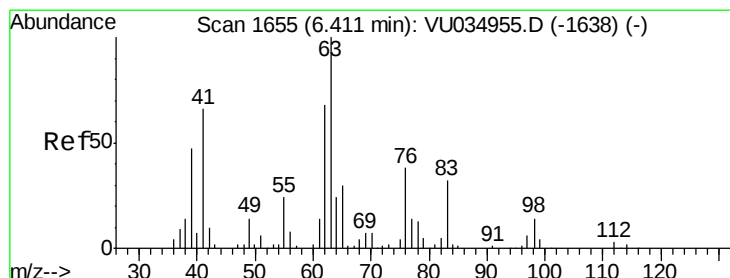
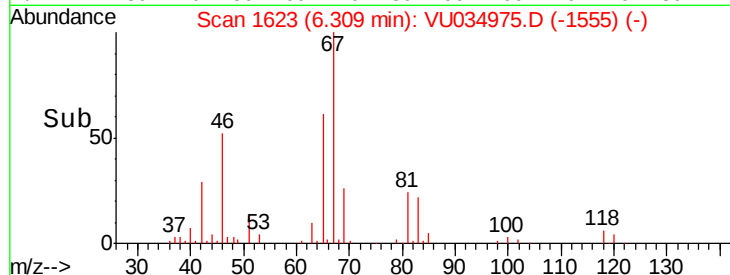
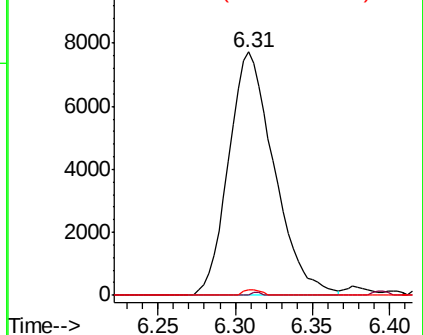
#35
Methylcyclohexane
Concen: 0.678 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU034975.D
Acq: 07 Oct 2019 21:27

Instrument :
MSVOA_U
ClientSampleId :
RD-8-001-01

Tgt Ion: 83 Resp: 15769
Ion Ratio Lower Upper
83 100
55 0.3 62.4 93.6#
98 1.0 35.5 53.3#

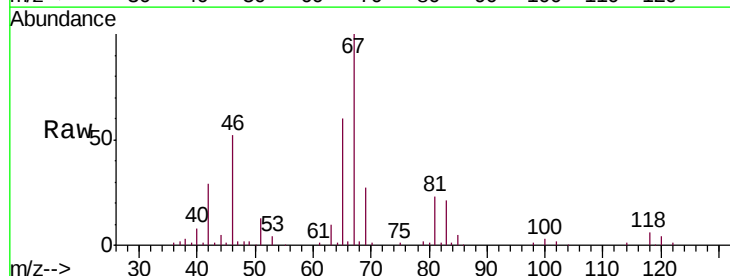


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

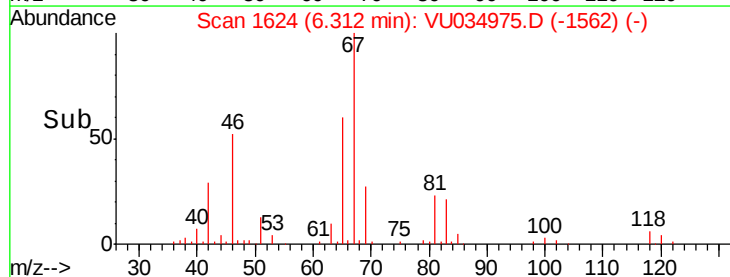
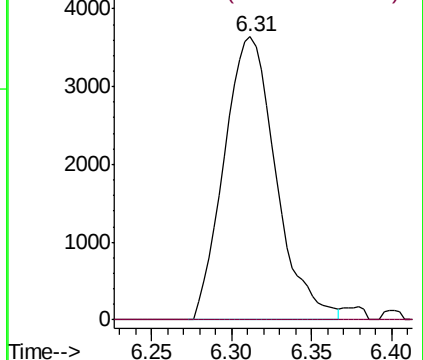


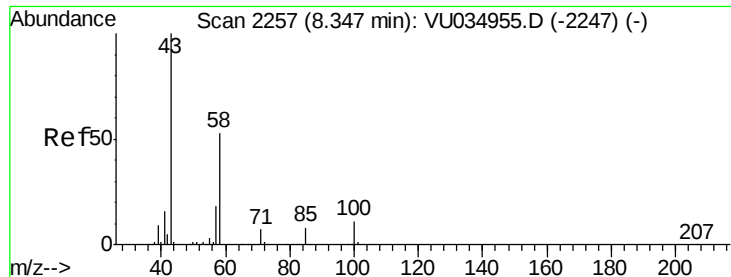
#37
1,2-Dichloropropane
Concen: 0.538 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU034975.D
Acq: 07 Oct 2019 21:27

Tgt Ion: 63 Resp: 8075
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



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

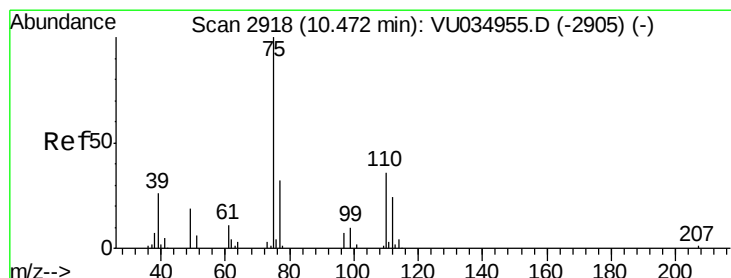
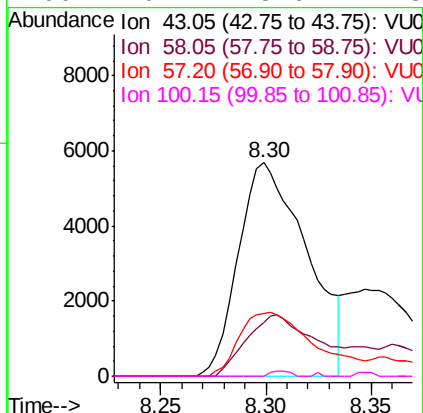
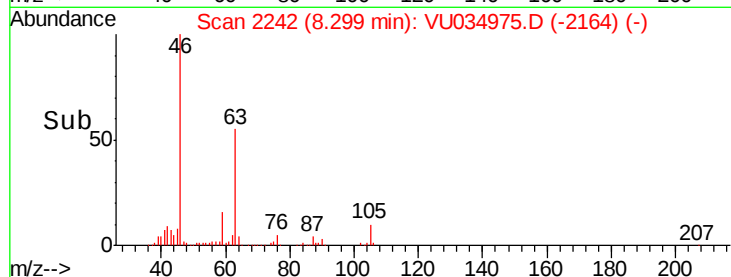
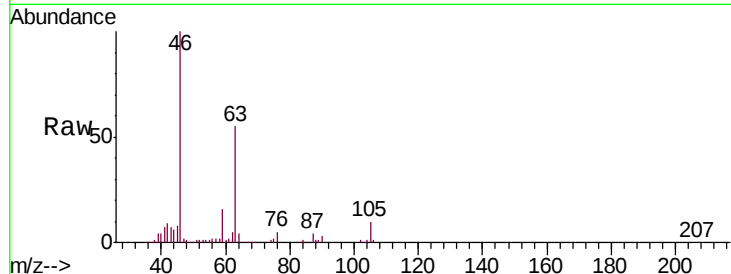




#48
 2-Hexanone
 Concen: 1.980 ug/L
 RT: 8.30 min Scan# 2242
 Delta R.T. -0.05 min
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Tgt Ion: 43 Resp: 12825
 Ion Ratio Lower Upper
 43 100
 58 29.5 43.3 64.9#
 57 33.0 14.5 21.7#
 100 0.7 8.6 12.8#



#59
 1,2,3-Trichloropropane
 Concen: 0.925 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU034975.D
 Acq: 07 Oct 2019 21:27

Tgt Ion: 75 Resp: 8983
 Ion Ratio Lower Upper
 75 100
 77 41.1 25.8 38.6#

