

Data File : VU036627.D
Acq On : 30 Jan 2020 18:48
Operator : JC/MD
Sample : L1322-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XS5

Quant Time: Jan 31 04:04:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 31 04:01:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	303303	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	282385	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	127630	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	86841	38.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.46%
7) Chloroethane-d5	1.93	69	80172	41.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.26%
11) 1,1-Dichloroethene-d2	2.59	63	115436	31.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.86%
21) 2-Butanone-d5	4.68	46	138336	102.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.59%
24) Chloroform-d	5.11	84	157103	42.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.46%
26) 1,2-Dichloroethane-d4	5.74	65	102501	44.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.42%
32) Benzene-d6	5.77	84	355480	44.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.50%
36) 1,2-Dichloropropane-d6	6.73	67	114204	46.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.28%
41) Toluene-d8	7.93	98	338819	44.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.68%
43) trans-1,3-Dichloropropene-	8.21	79	51619	43.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.70%
47) 2-Hexanone-d5	8.67	63	125122	109.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.00%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	167276	45.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.92%
64) 1,2-Dichlorobenzene-d4	12.21	152	125348	45.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.54%

Target Compounds

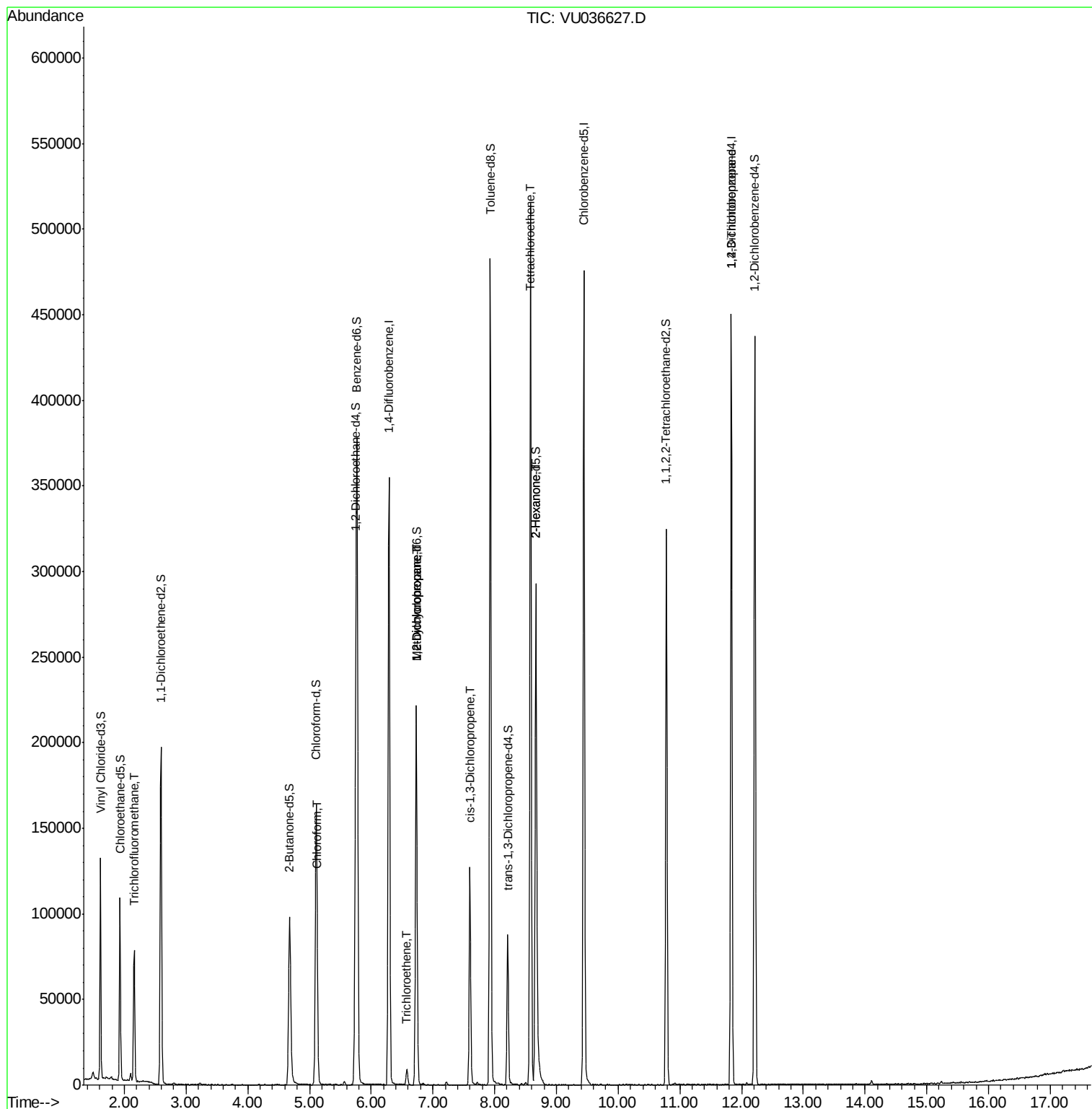
						Qvalue
9) Trichlorofluoromethane	2.16	101	50416	16.348	ug/L	99
25) Chloroform	5.13	83	5875	1.587	ug/L	98
34) Trichloroethene	6.58	95	3103	1.428	ug/L	96
35) Methylcyclohexane	6.73	83	25867	7.137	ug/L #	21
37) 1,2-Dichloropropane	6.73	63	11009	5.131	ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2832	0.819	ug/L #	65
46) Tetrachloroethene	8.58	164	120884	68.475	ug/L	97
48) 2-Hexanone	8.67	43	11544	5.571	ug/L #	68
59) 1,2,3-Trichloropropane	11.83	75	14302	4.931	ug/L	92

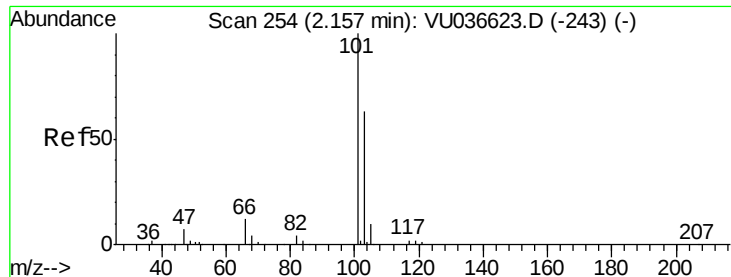
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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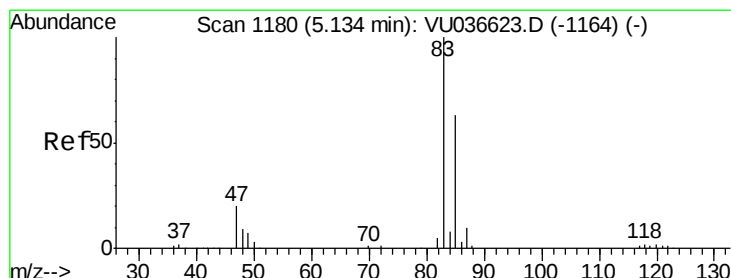
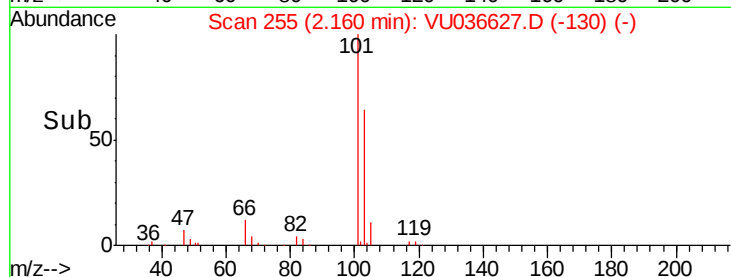
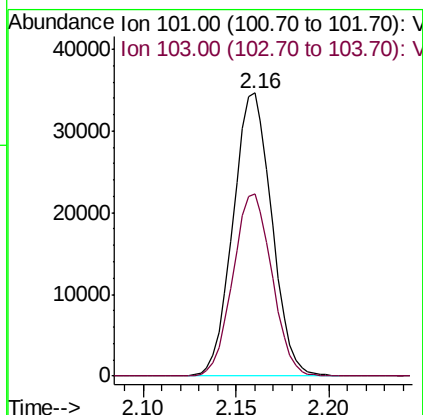
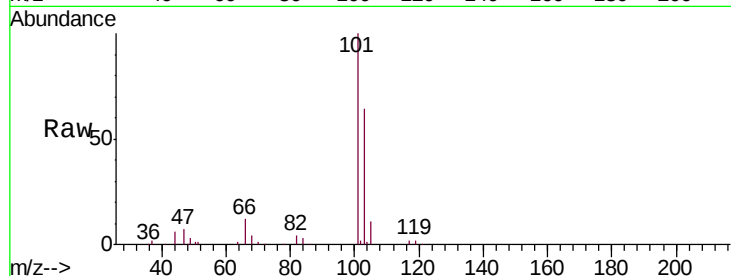




#9
 Trichlorofluoromethane
 Concen: 16.348 ug/L
 RT: 2.16 min Scan# 255
 Delta R.T. 0.00 min
 Lab File: VU036627.D
 Acq: 30 Jan 2020 18:48

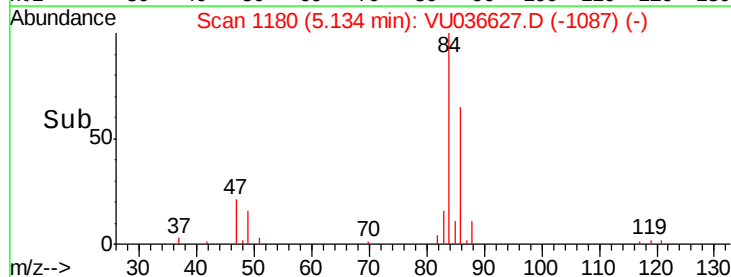
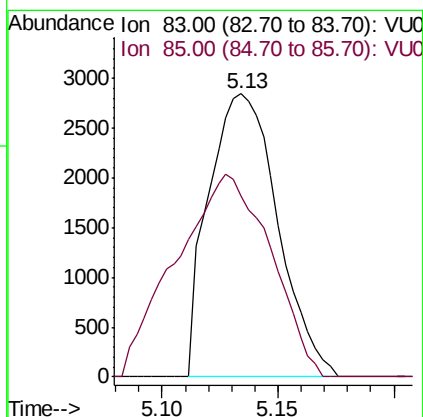
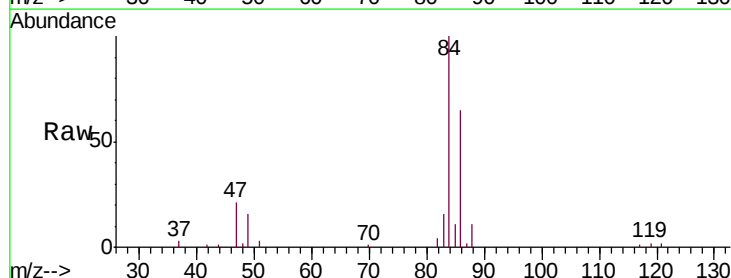
Instrument :
 MSVOA_U
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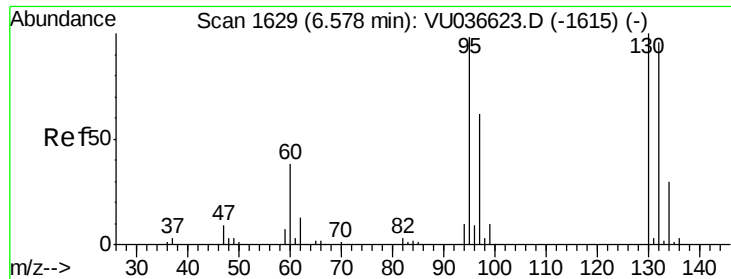
Tgt Ion: 101 Resp: 50416
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.4 78.6



#25
 Chloroform
 Concen: 1.587 ug/L
 RT: 5.13 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VU036627.D
 Acq: 30 Jan 2020 18:48

Tgt Ion: 83 Resp: 5875
 Ion Ratio Lower Upper
 83 100
 85 64.1 46.3 85.9





#34

Trichloroethene

Concen: 1.428 ug/L

RT: 6.58 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VU036627.D

Acq: 30 Jan 2020 18:48

Instrument :

MSVOA_U

ClientSampleId :

C0XS5

Tgt Ion: 95 Resp: 3103

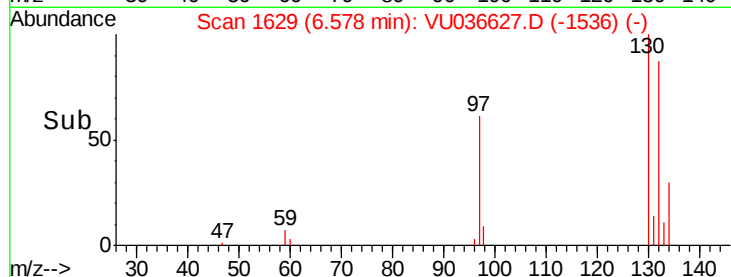
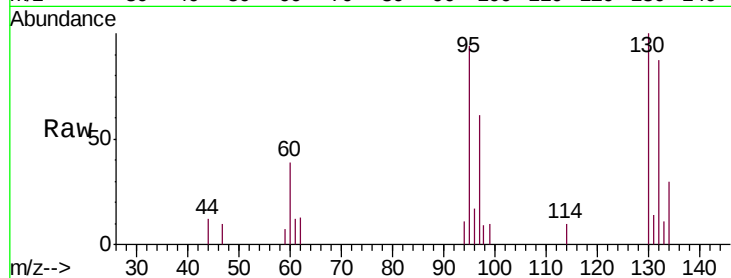
Ion Ratio Lower Upper

95 100

97 64.6 45.5 84.5

132 92.0 70.9 131.7

130 106.3 72.9 135.3

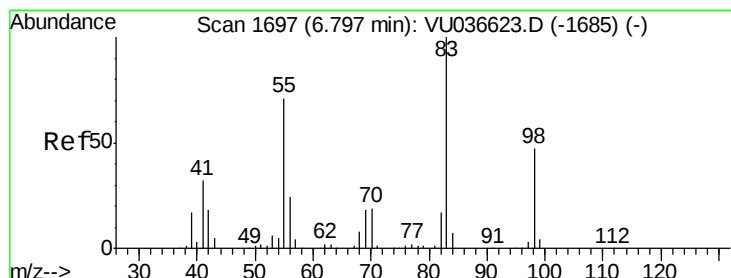
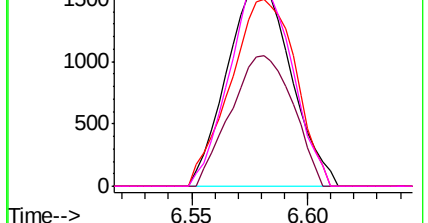


Abundance Ion 95.00 (94.70 to 95.70): VU036627.D (-1536) (-)

Ion 97.00 (96.70 to 97.70): VU036627.D (-1536) (-)

Ion 132.00 (131.70 to 132.70): VU036627.D (-1536) (-)

Ion 130.00 (129.70 to 130.70): VU036627.D (-1536) (-)



#35

Methylcyclohexane

Concen: 7.137 ug/L

RT: 6.73 min Scan# 1676

Delta R.T. -0.07 min

Lab File: VU036627.D

Acq: 30 Jan 2020 18:48

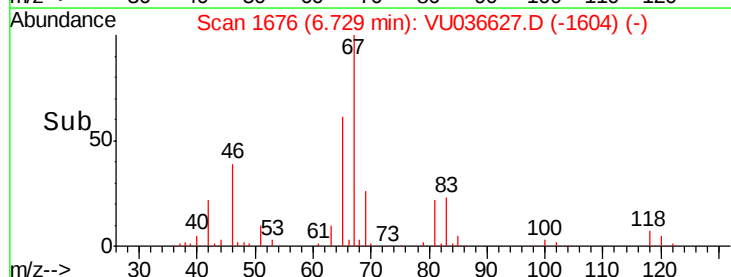
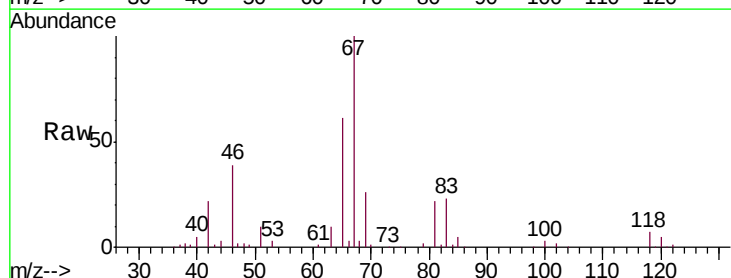
Tgt Ion: 83 Resp: 25867

Ion Ratio Lower Upper

83 100

55 0.0 56.1 84.1#

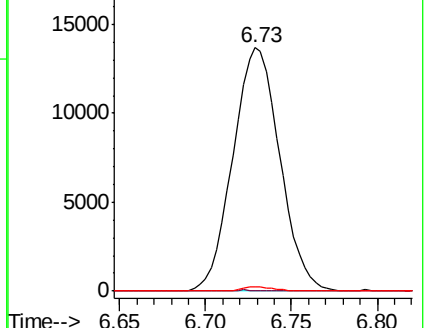
98 1.1 37.5 56.3#

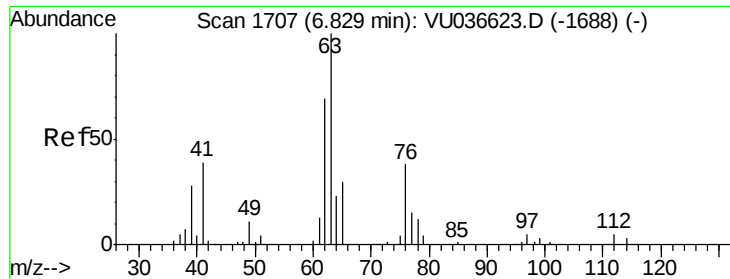


Abundance Ion 83.00 (82.70 to 83.70): VU036627.D (-1604) (-)

Ion 55.00 (54.70 to 55.70): VU036627.D (-1604) (-)

Ion 98.00 (97.70 to 98.70): VU036627.D (-1604) (-)

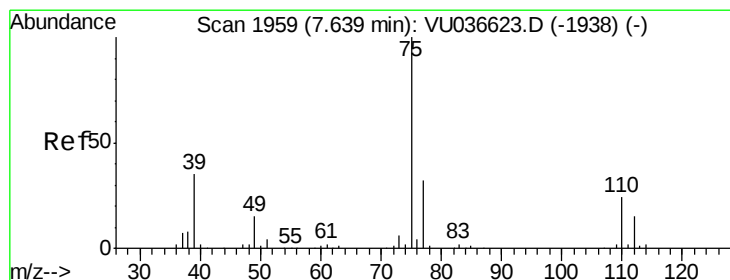
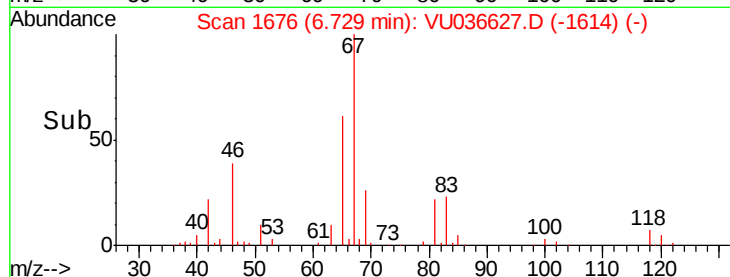
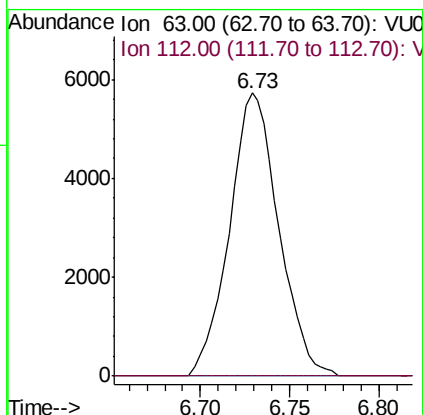
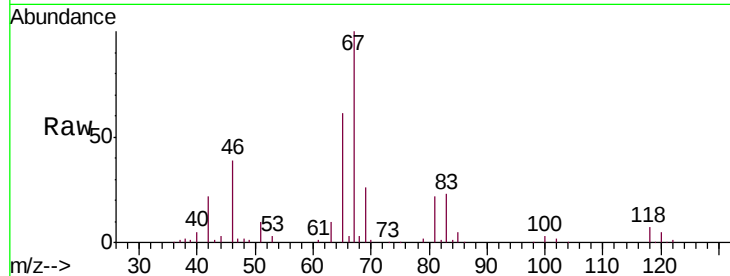




#37
 1,2-Dichloropropane
 Concen: 5.131 ug/L
 RT: 6.73 min Scan# 1676
 Delta R.T. -0.10 min
 Lab File: VU036627.D
 Acq: 30 Jan 2020 18:48

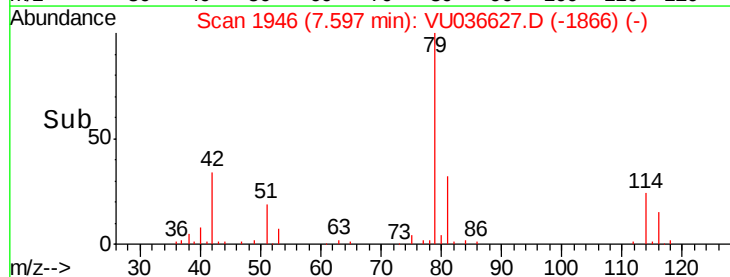
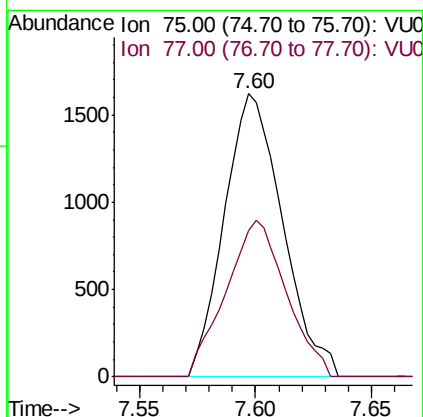
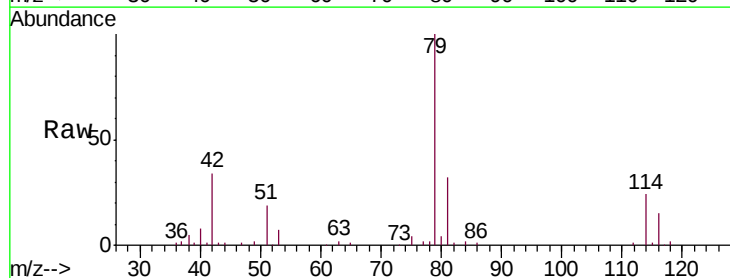
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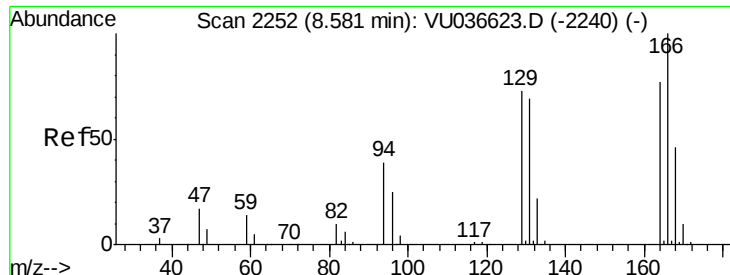
Tgt Ion: 63 Resp: 11009
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.819 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU036627.D
 Acq: 30 Jan 2020 18:48

Tgt Ion: 75 Resp: 2832
 Ion Ratio Lower Upper
 75 100
 77 51.9 22.5 41.9#





#46

Tetrachloroethene

Concen: 68.475 ug/L

RT: 8.58 min Scan# 2252

Delta R.T. -0.00 min

Lab File: VU036627.D

Acq: 30 Jan 2020 18:48

Instrument :

MSVOA_U

ClientSampleId :

C0XS5

Tgt Ion:164 Resp: 120884

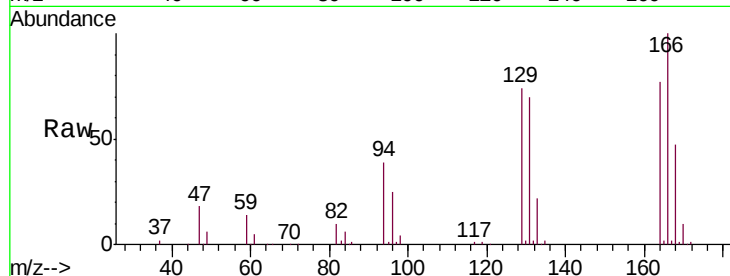
Ion Ratio Lower Upper

164 100

129 96.0 64.2 119.2

131 91.1 61.8 114.8

166 130.3 88.8 165.0

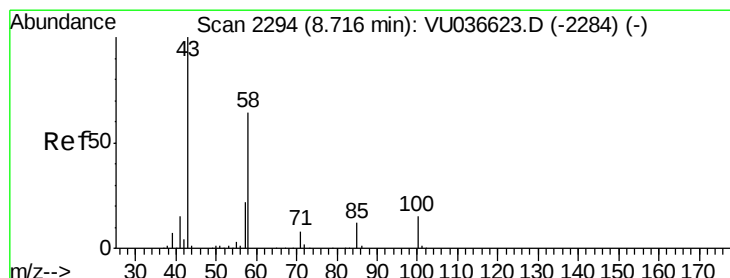
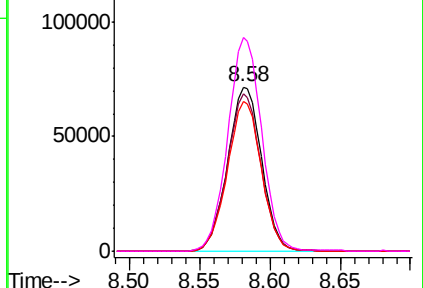
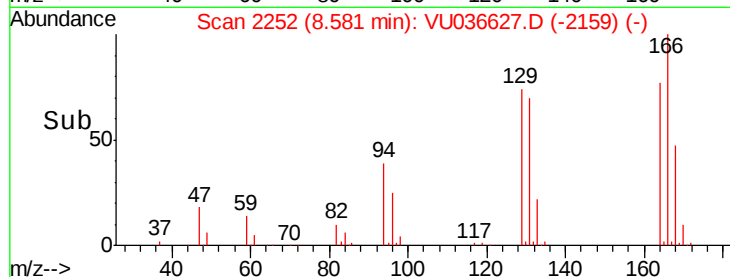


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 5.571 ug/L

RT: 8.67 min Scan# 2279

Delta R.T. -0.05 min

Lab File: VU036627.D

Acq: 30 Jan 2020 18:48

Tgt Ion: 43 Resp: 11544

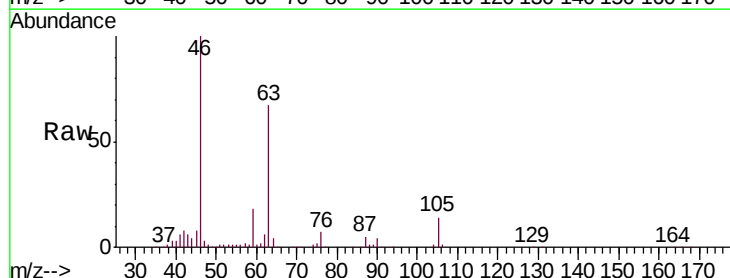
Ion Ratio Lower Upper

43 100

58 31.7 49.4 74.0#

57 25.4 17.1 25.7

100 0.0 11.9 17.9#

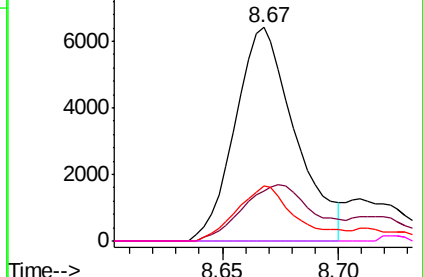
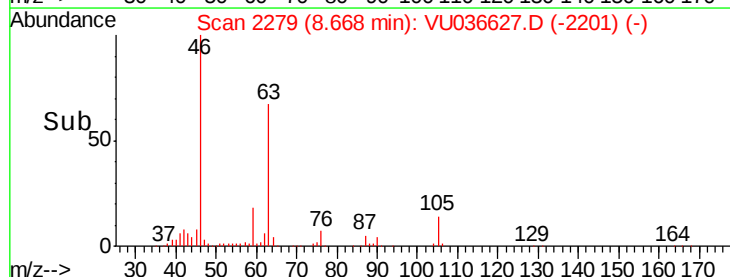


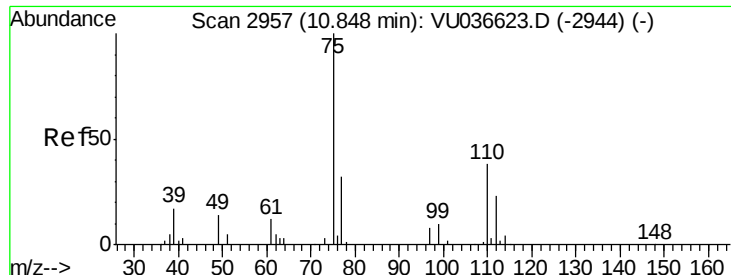
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.931 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.99 min

Lab File: VU036627.D

Acq: 30 Jan 2020 18:48

Instrument :

MSVOA_U

ClientSampleId :

C0XS5

Tgt Ion: 75 Resp: 14302

Ion Ratio Lower Upper

75 100

77 37.0 26.2 39.2

