

Data File : VU036665.D
Acq On : 01 Feb 2020 01:34
Operator : JC/MD
Sample : L1323-19 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAT57

Quant Time: Feb 01 05:39:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM013120WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 01 00:19:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	268638	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	250661	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	106986	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	111532	45.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.08%
7) Chloroethane-d5	1.91	69	91410	46.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.70%
11) 1,1-Dichloroethene-d2	2.58	63	136255	35.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.10%
21) 2-Butanone-d5	4.68	46	123013	81.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.58%
24) Chloroform-d	5.11	84	157511	43.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.74	65	113123	47.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.18%
32) Benzene-d6	5.77	84	366847	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.66%
36) 1,2-Dichloropropane-d6	6.73	67	120269	47.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.50%
41) Toluene-d8	7.93	98	335145	47.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.74%
43) trans-1,3-Dichloropropene-	8.21	79	56010	46.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.34%
47) 2-Hexanone-d5	8.67	63	135612	97.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.55%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	161716	45.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.24%
64) 1,2-Dichlorobenzene-d4	12.21	152	110679	49.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.16%

Target Compounds

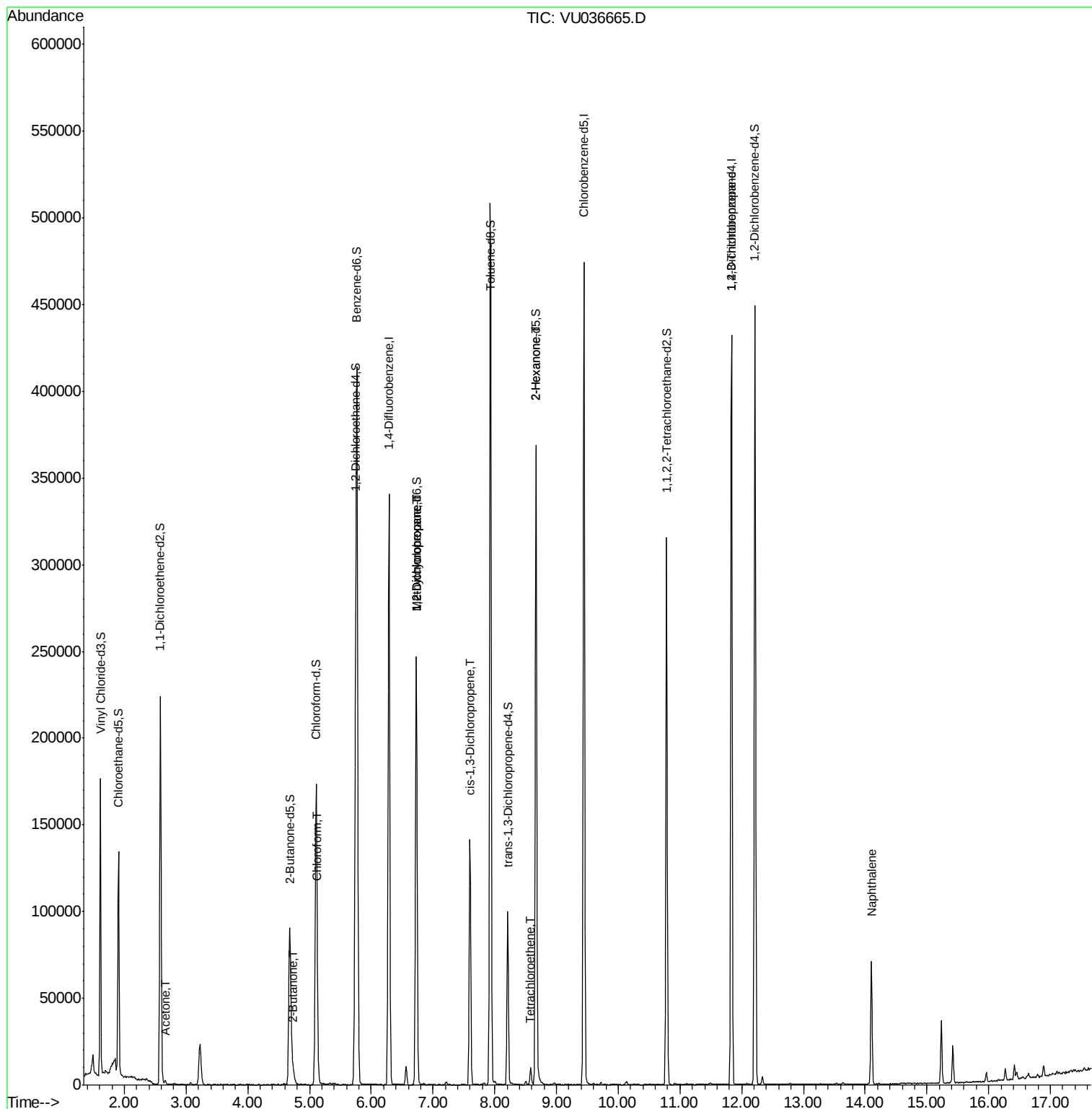
					Qvalue
13) Acetone	2.66	43	2460	1.919 ug/L	91
22) 2-Butanone	4.75	43	6664	3.801 ug/L #	53
25) Chloroform	5.13	83	8557	2.460 ug/L	96
35) Methylcyclohexane	6.73	83	26505	7.962 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	13063	6.033 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	3081	0.899 ug/L #	54
46) Tetrachloroethene	8.58	164	1845	1.290 ug/L	97
48) 2-Hexanone	8.67	43	14181	5.598 ug/L #	68
59) 1,2,3-Trichloropropane	11.83	75	14655	5.099 ug/L #	86
69) Naphthalene	14.10	128	55722	7.329 ug/L	100

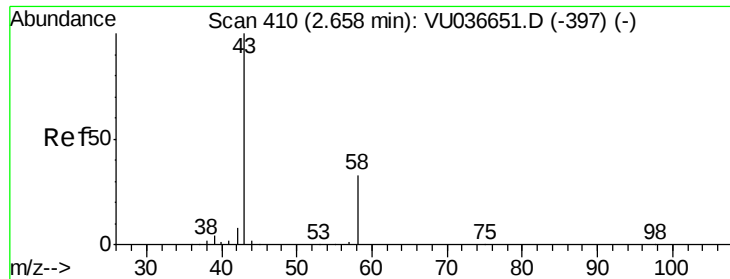
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.919 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU036665.D

Acq: 01 Feb 2020 01:34

Instrument :

MSVOA_U

ClientSampleId :

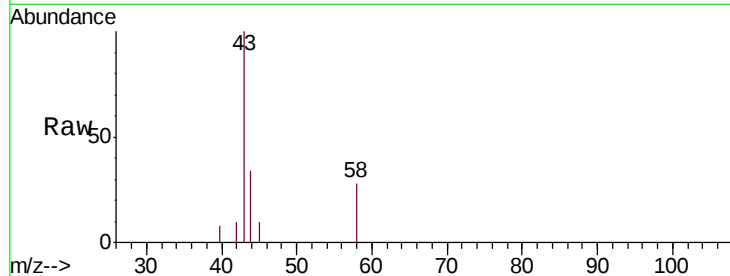
GAT57

Tgt Ion: 43 Resp: 2460

Ion Ratio Lower Upper

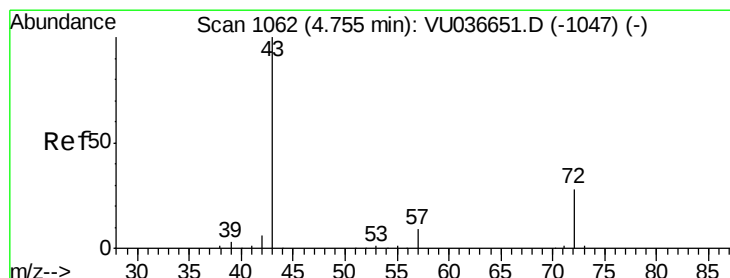
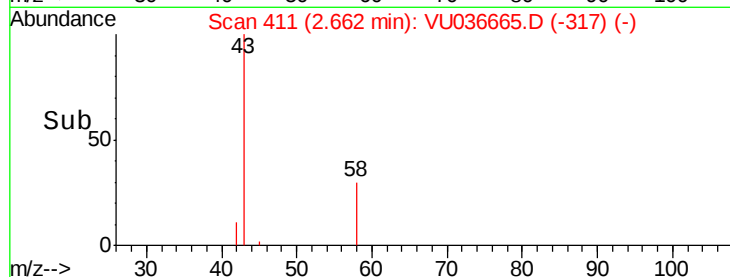
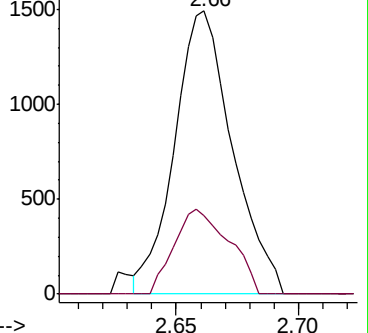
43 100

58 28.6 0.0 67.8



Abundance Ion 43.00 (42.70 to 43.70): VU036665.D (-317) (-)

Ion 58.00 (57.70 to 58.70): VU036665.D (-317) (-)



#22

2-Butanone

Concen: 3.801 ug/L

RT: 4.75 min Scan# 1059

Delta R.T. -0.01 min

Lab File: VU036665.D

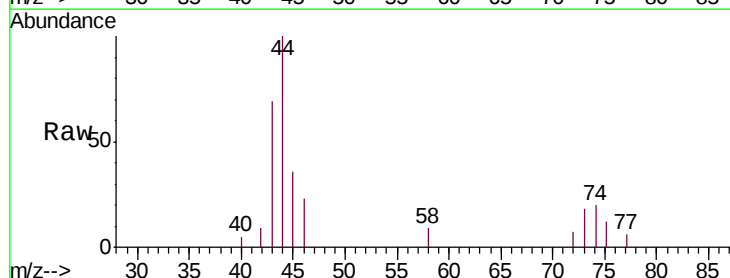
Acq: 01 Feb 2020 01:34

Tgt Ion: 43 Resp: 6664

Ion Ratio Lower Upper

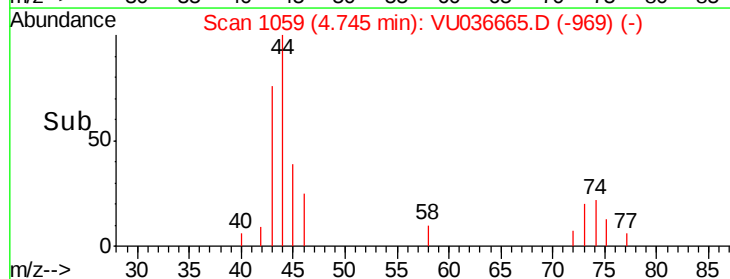
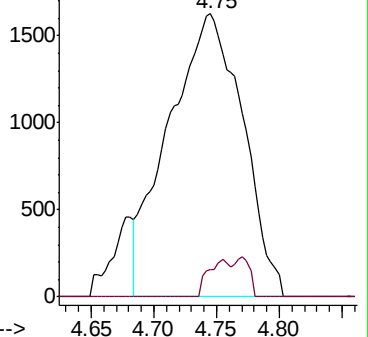
43 100

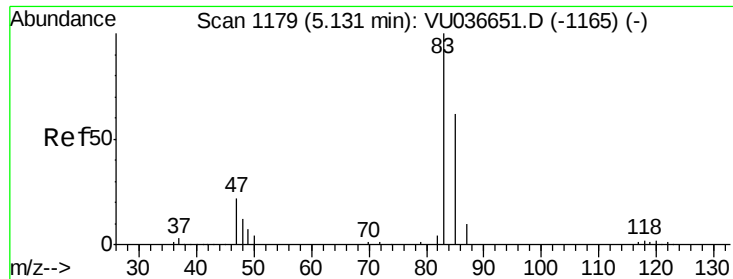
72 3.9 14.6 44.0#



Abundance Ion 43.00 (42.70 to 43.70): VU036665.D (-969) (-)

Ion 72.00 (71.70 to 72.70): VU036665.D (-969) (-)

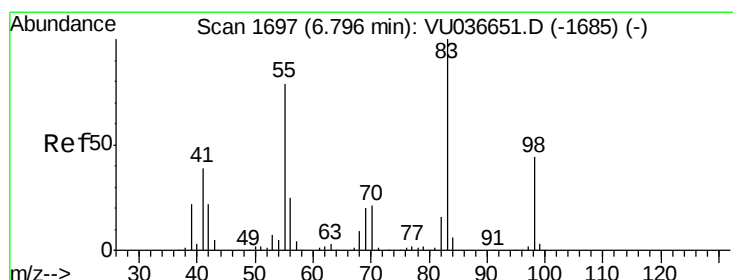
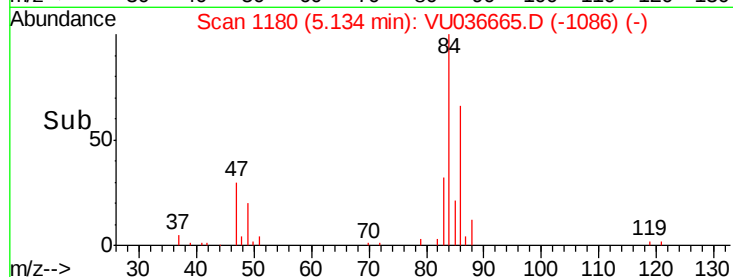
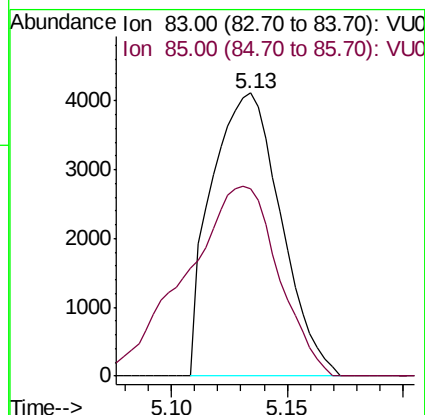
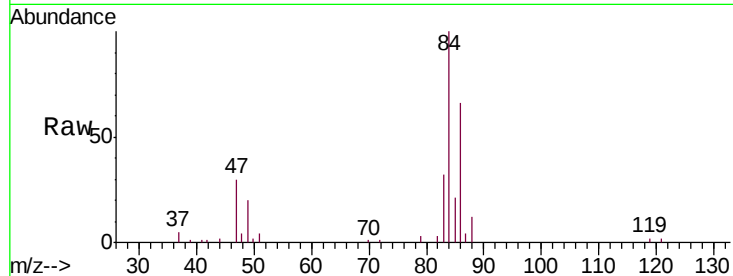




#25
Chloroform
Concen: 2.460 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VU036665.D
Acq: 01 Feb 2020 01:34

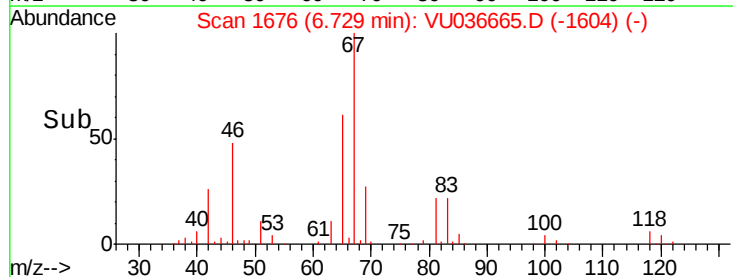
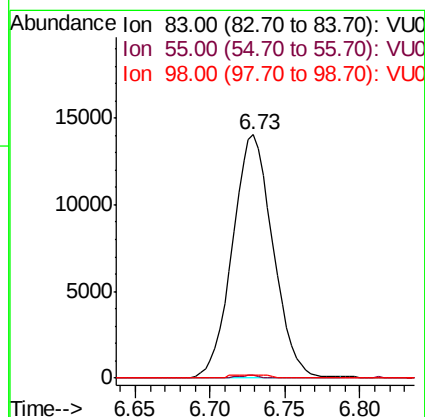
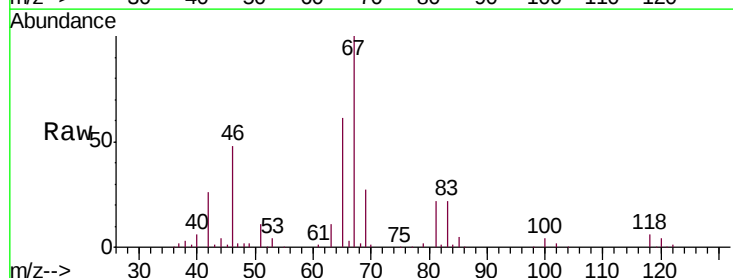
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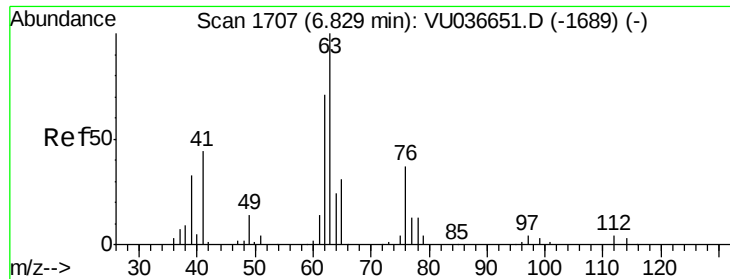
Tgt Ion: 83 Resp: 8557
Ion Ratio Lower Upper
83 100
85 66.4 44.3 82.3



#35
Methylcyclohexane
Concen: 7.962 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036665.D
Acq: 01 Feb 2020 01:34

Tgt Ion: 83 Resp: 26505
Ion Ratio Lower Upper
83 100
55 0.5 63.1 94.7#
98 1.2 35.0 52.6#

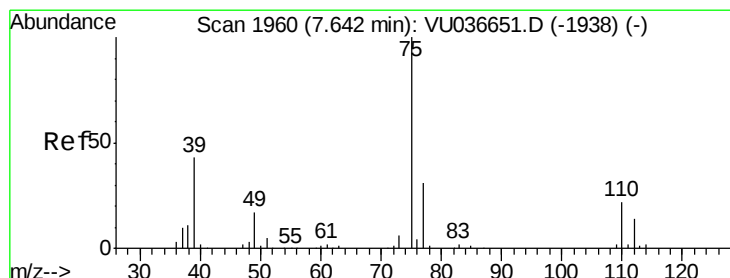
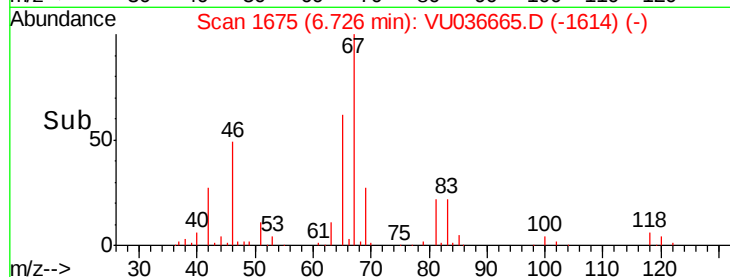
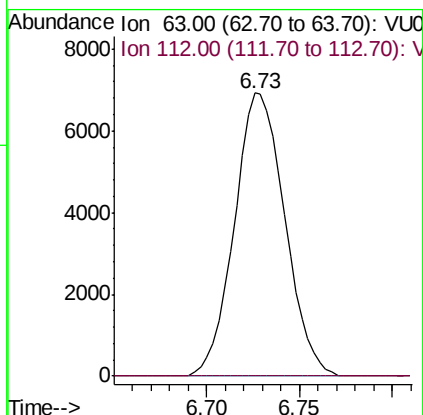
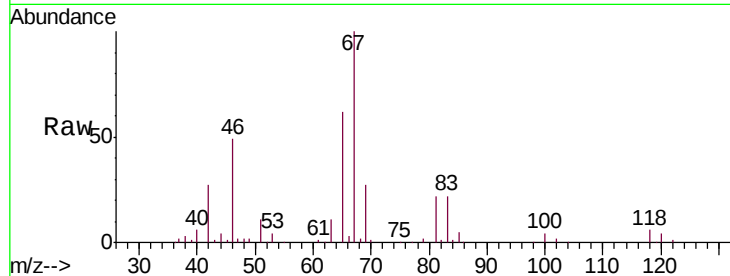




#37
 1,2-Dichloropropane
 Concen: 6.033 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU036665.D
 Acq: 01 Feb 2020 01:34

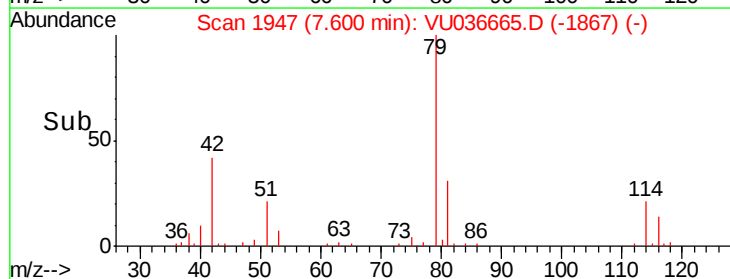
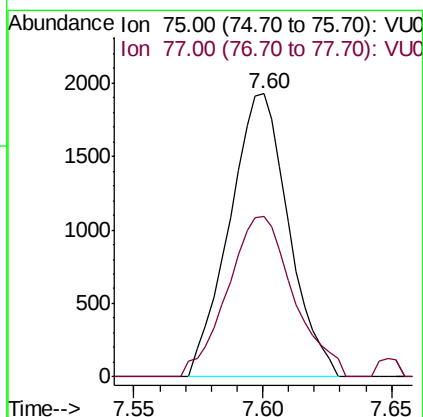
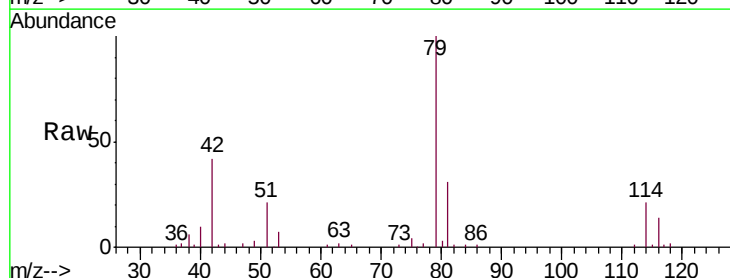
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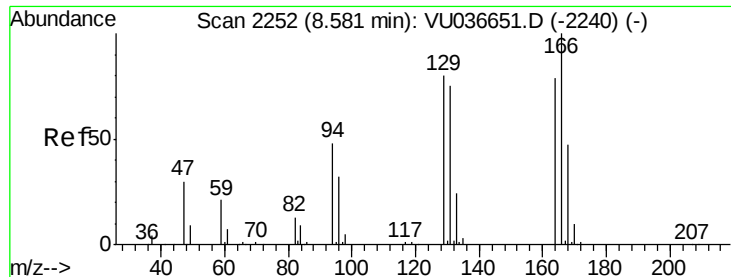
Tgt Ion: 63 Resp: 13063
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.899 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU036665.D
 Acq: 01 Feb 2020 01:34

Tgt Ion: 75 Resp: 3081
 Ion Ratio Lower Upper
 75 100
 77 56.7 22.0 41.0#

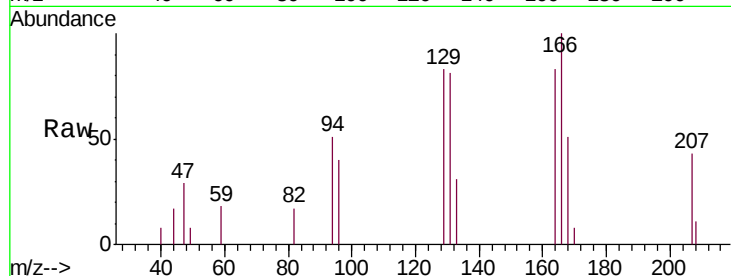




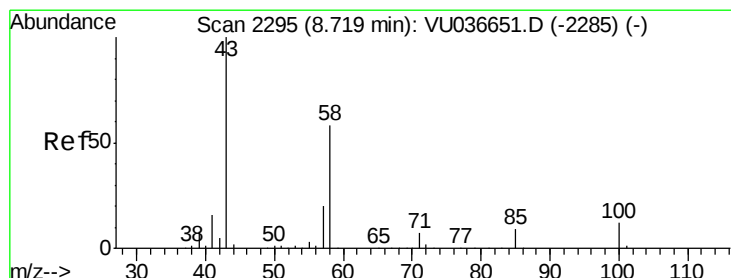
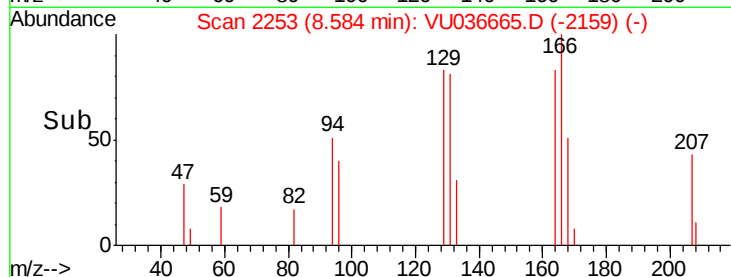
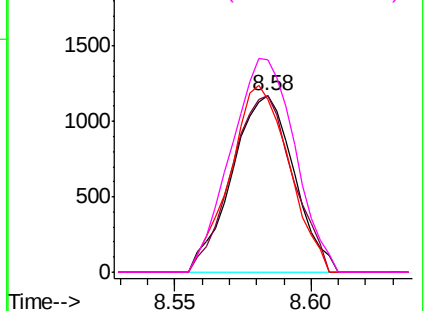
#46
Tetrachloroethene
Concen: 1.290 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. 0.00 min
Lab File: VU036665.D
Acq: 01 Feb 2020 01:34

Instrument :
MSVOA_U
ClientSampleId :
GAT57

Tgt Ion:164 Resp: 1845
Ion Ratio Lower Upper
164 100
129 100.3 71.1 132.1
131 98.0 66.9 124.3
166 120.7 89.0 165.4

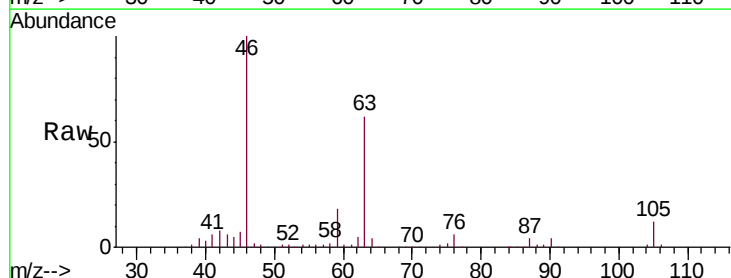


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

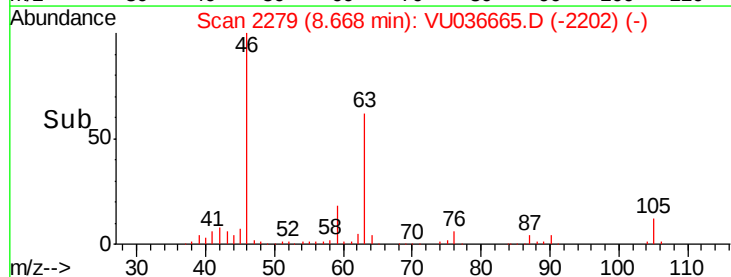
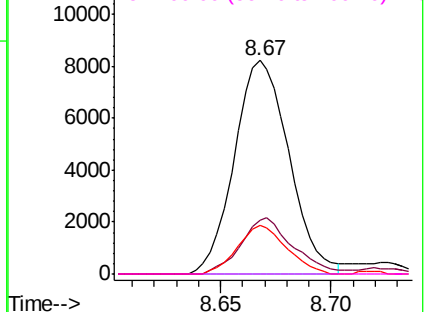


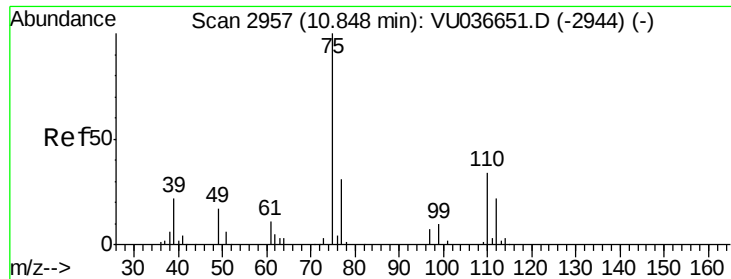
#48
2-Hexanone
Concen: 5.598 ug/L
RT: 8.67 min Scan# 2279
Delta R.T. -0.05 min
Lab File: VU036665.D
Acq: 01 Feb 2020 01:34

Tgt Ion: 43 Resp: 14181
Ion Ratio Lower Upper
43 100
58 25.3 46.2 69.2#
57 20.5 16.3 24.5
100 0.0 9.8 14.6#



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

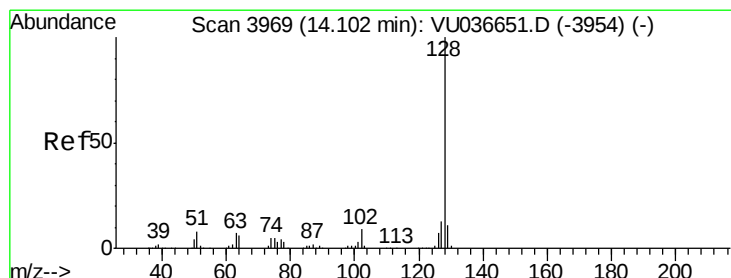
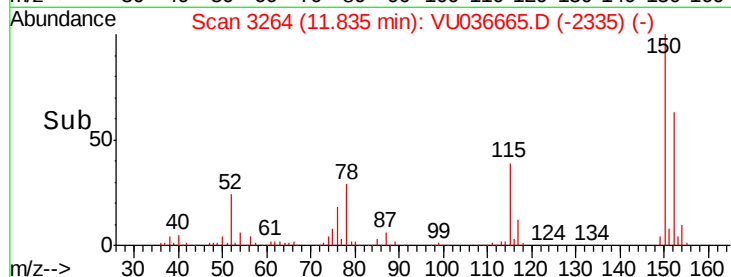
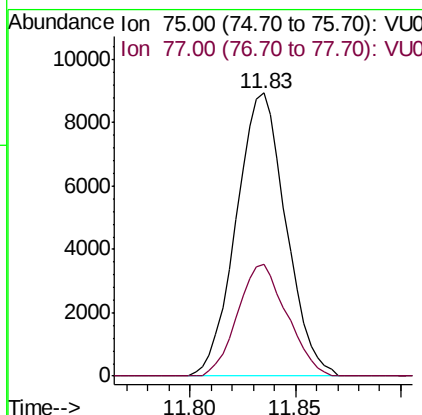
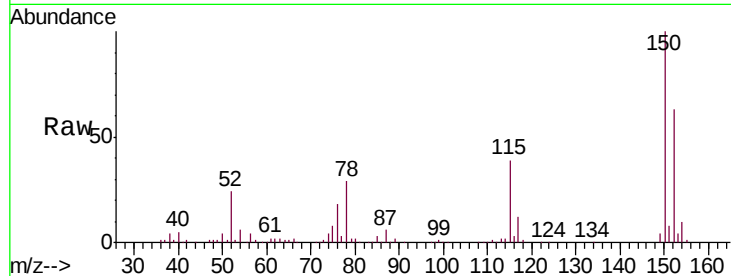




#59
 1,2,3-Trichloropropane
 Concen: 5.099 ug/L
 RT: 11.83 min Scan# 3264
 Delta R.T. 0.99 min
 Lab File: VU036665.D
 Acq: 01 Feb 2020 01:34

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Tgt Ion: 75 Resp: 14655
 Ion Ratio Lower Upper
 75 100
 77 39.1 25.2 37.8#



#69
 Naphthalene
 Concen: 7.329 ug/L
 RT: 14.10 min Scan# 3969
 Delta R.T. 0.00 min
 Lab File: VU036665.D
 Acq: 01 Feb 2020 01:34

Tgt Ion: 128 Resp: 55722
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.7 16.1
 129 10.6 8.5 12.7

