

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U120718\
 Data File : VU028534.D
 Acq On : 07 Dec 2018 16:10
 Operator : MD/SY
 Sample : J6236-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F38

Quant Time: Dec 07 22:57:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 07 22:52:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	133145	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	124897	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	58118	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60757	50.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.56%
7) Chloroethane-d5	1.68	69	47271	51.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.18%
11) 1,1-Dichloroethene-d2	2.27	63	82702	38.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.96%
21) 2-Butanone-d5	4.18	46	106544	109.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.47%
24) Chloroform-d	4.65	84	98080	51.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.22%
26) 1,2-Dichloroethane-d4	5.31	65	67124	51.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.04%
32) Benzene-d6	5.34	84	204420	52.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.54%
36) 1,2-Dichloropropane-d6	6.33	67	74826	53.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.12%
41) Toluene-d8	7.57	98	179640	51.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.34%
43) trans-1,3-Dichloropropene-	7.85	79	33620	53.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.28%
47) 2-Hexanone-d5	8.31	63	75009	111.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	93906	52.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.08%
64) 1,2-Dichlorobenzene-d4	11.86	152	62224	53.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.16%

Target Compounds

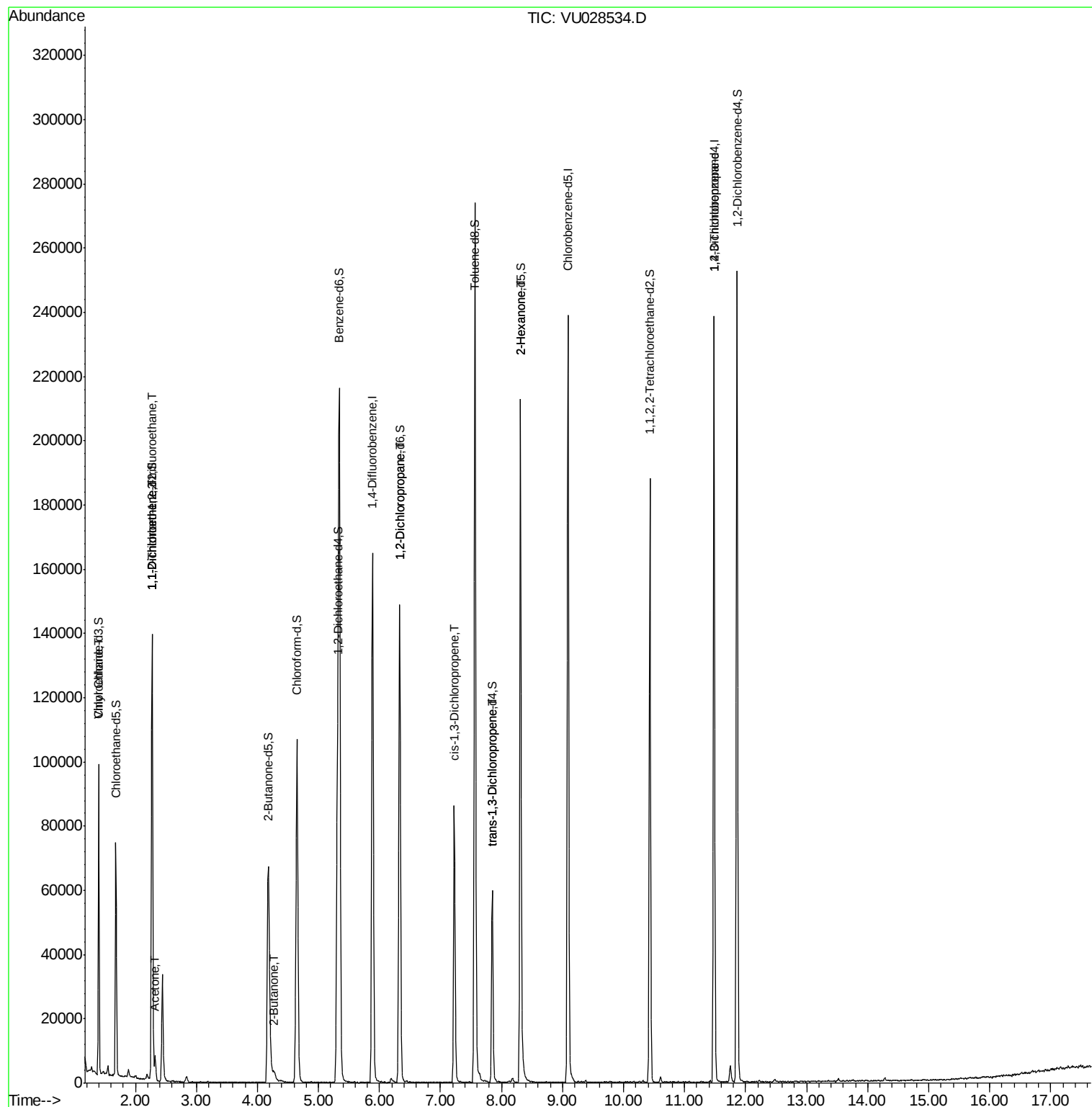
					Qvalue
8) Chloroethane	1.40	64	929	1.141 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	562	0.647 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	510	0.612 ug/L #	1
13) Acetone	2.32	43	7007	6.918 ug/L	96
22) 2-Butanone	4.27	43	1907	1.524 ug/L #	45
37) 1,2-Dichloropropane	6.33	63	7500	5.947 ug/L #	91
39) cis-1,3-Dichloropropene	7.22	75	1879	1.048 ug/L #	69
44) trans-1,3-Dichloropropene	7.85	75	1350	0.822 ug/L	87
48) 2-Hexanone	8.31	43	8855	5.335 ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	8001	5.579 ug/L	94

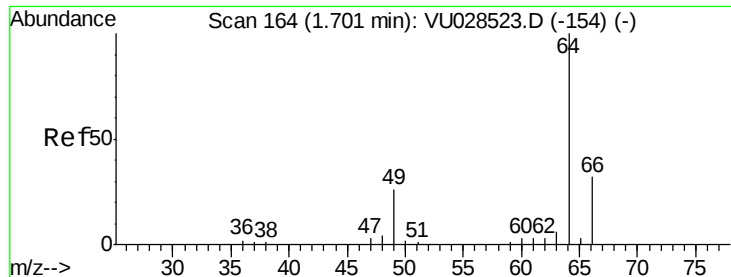
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 07 22:52:51 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 1.141 ug/L

RT: 1.40 min Scan# 70

Delta R.T. -0.30 min

Lab File: VU028534.D

Acq: 07 Dec 2018 16:10

Instrument :

MSVOA_U

ClientSampleId :

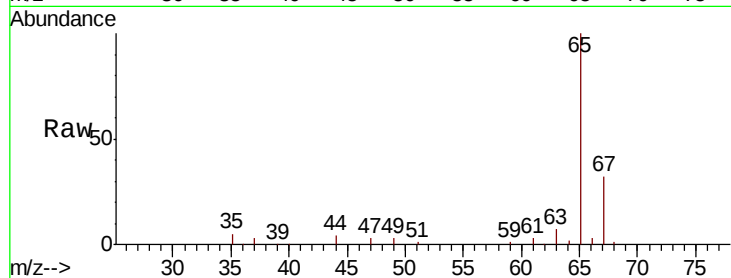
F9F38

Tgt Ion: 64 Resp: 929

Ion Ratio Lower Upper

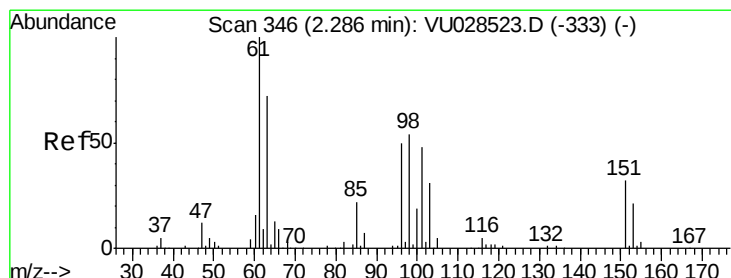
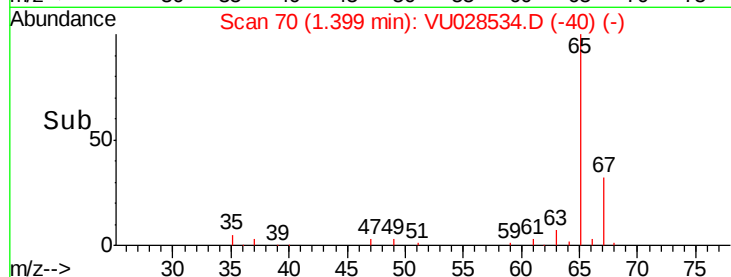
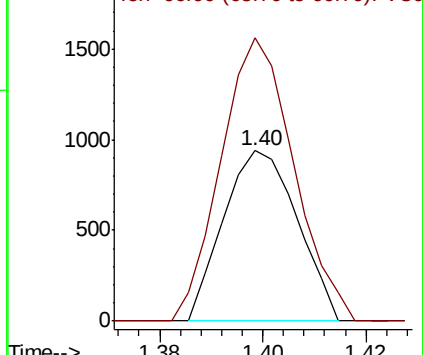
64 100

66 166.3 22.4 41.6#



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



#10

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

Concen: 0.647 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU028534.D

Acq: 07 Dec 2018 16:10

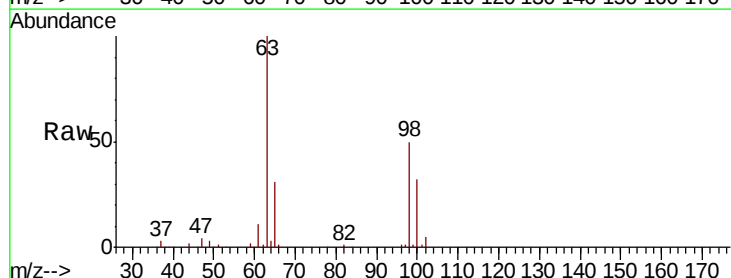
Tgt Ion: 101 Resp: 562

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

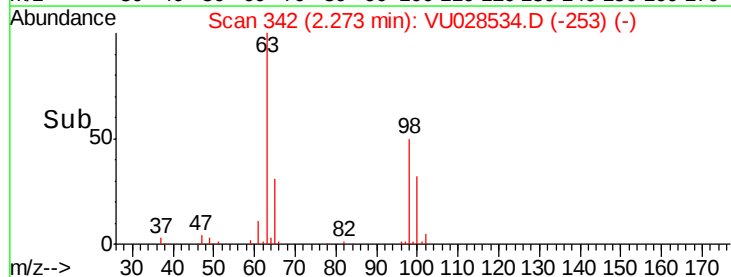
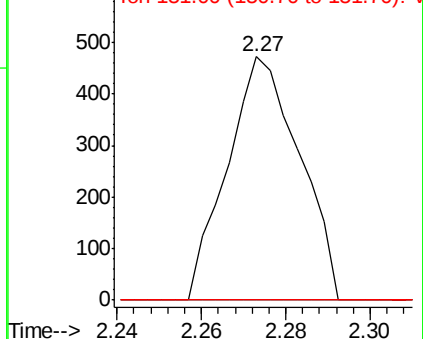
151 0.0 55.8 83.8#

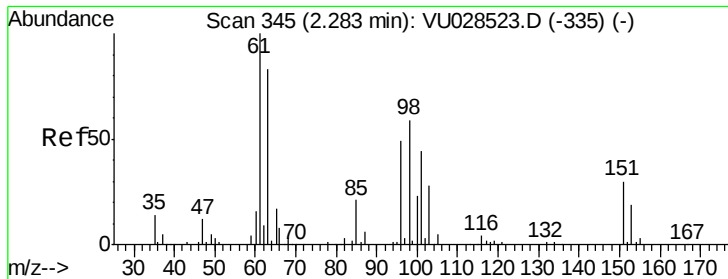


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.612 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU028534.D

Acq: 07 Dec 2018 16:10

Instrument :

MSVOA_U

ClientSampled :

F9F38

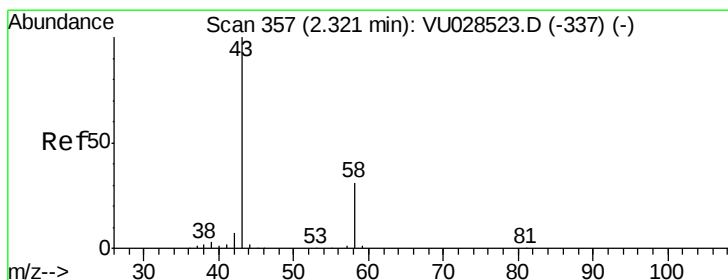
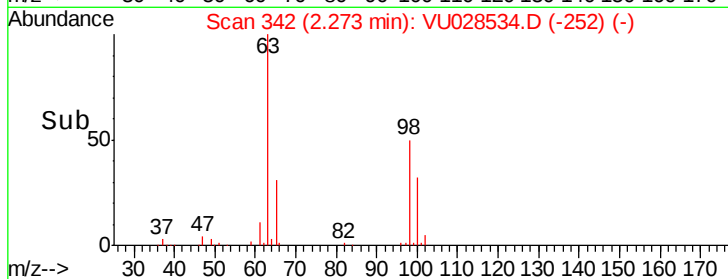
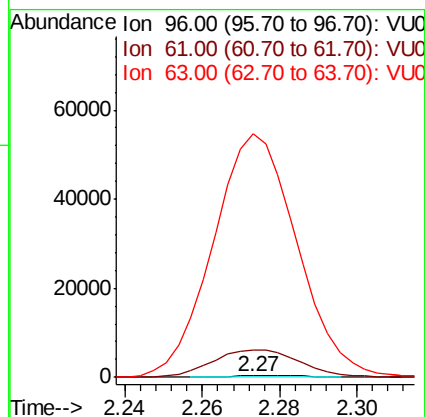
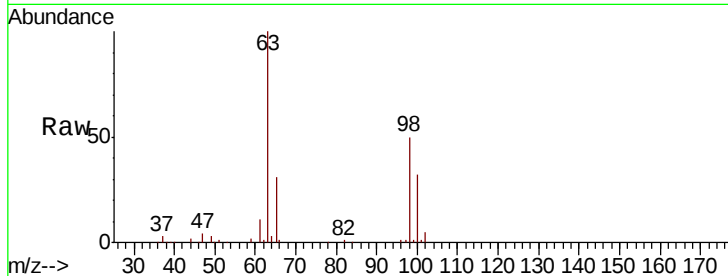
Tgt Ion: 96 Resp: 510

Ion Ratio Lower Upper

96 100

61 1726.8 143.2 266.0#

63 15267.0 130.1 241.7#



#13

Acetone

Concen: 6.918 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028534.D

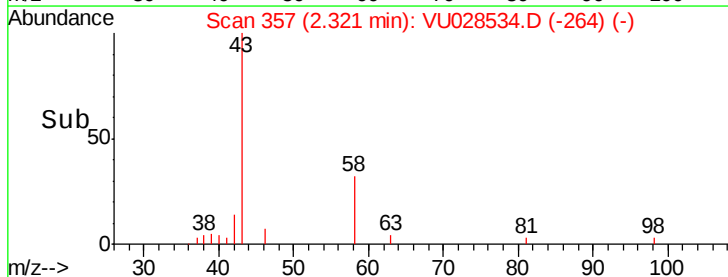
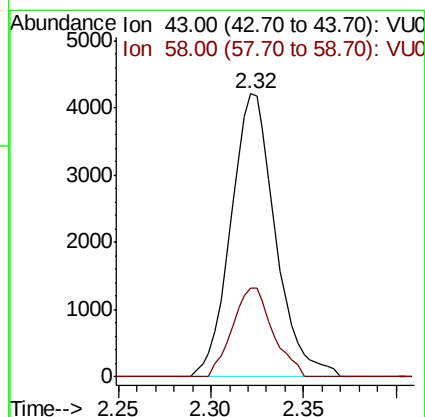
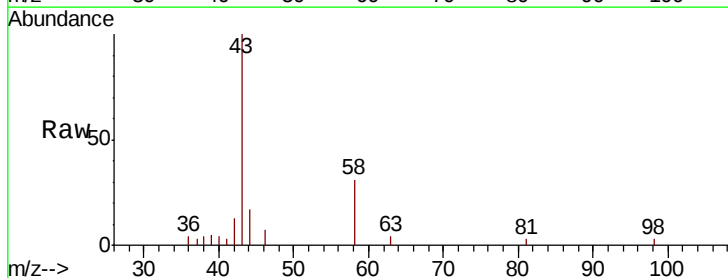
Acq: 07 Dec 2018 16:10

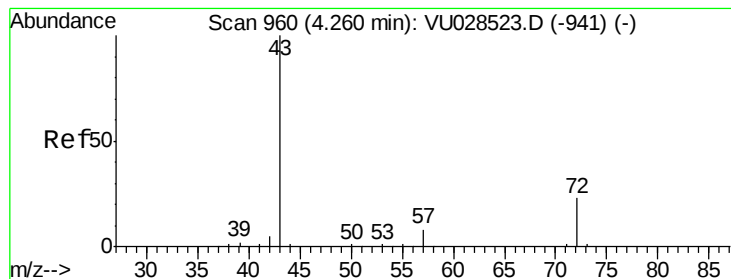
Tgt Ion: 43 Resp: 7007

Ion Ratio Lower Upper

43 100

58 28.6 0.0 62.0





#22

2-Butanone

Concen: 1.524 ug/L

RT: 4.27 min Scan# 964

Delta R.T. 0.01 min

Lab File: VU028534.D

Acq: 07 Dec 2018 16:10

Instrument :

MSVOA_U

ClientSampleId :

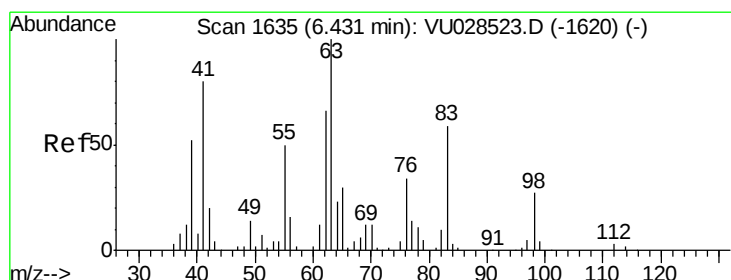
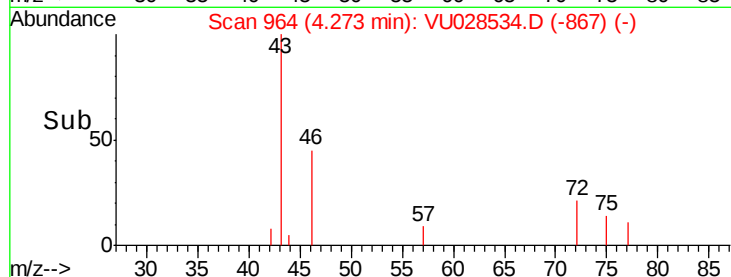
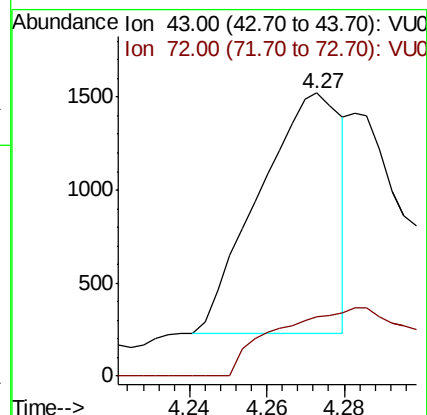
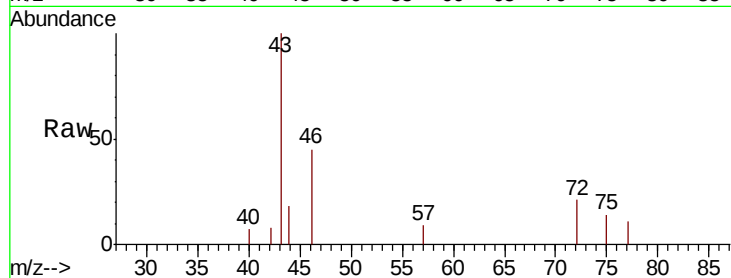
F9F38

Tgt Ion: 43 Resp: 1907

Ion Ratio Lower Upper

43 100

72 50.9 11.9 35.5#



#37

1,2-Dichloropropane

Concen: 5.947 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.10 min

Lab File: VU028534.D

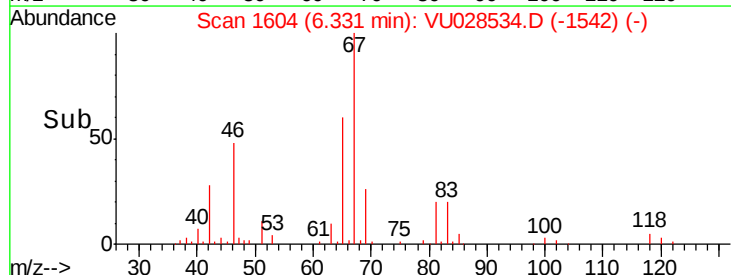
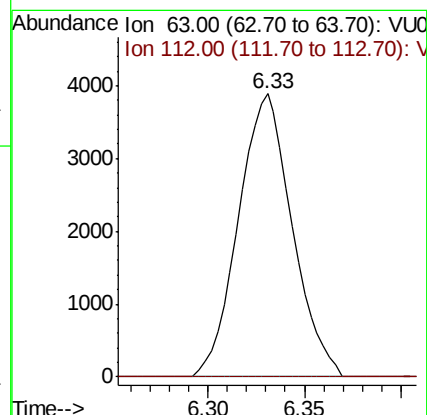
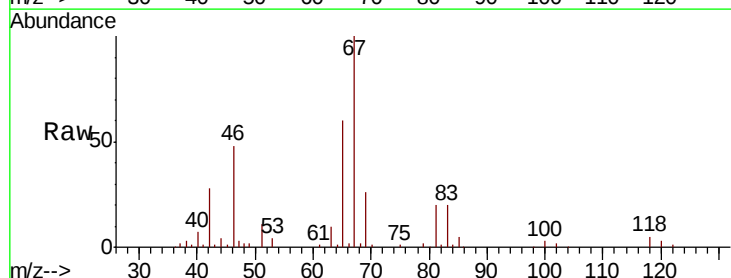
Acq: 07 Dec 2018 16:10

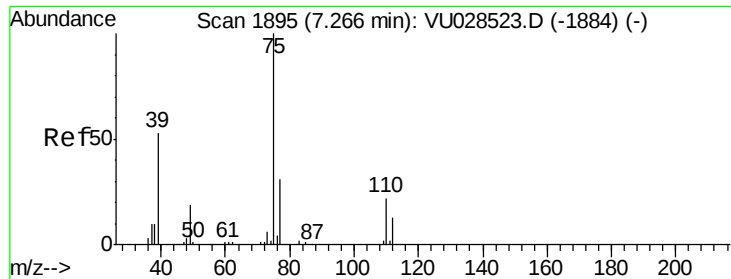
Tgt Ion: 63 Resp: 7500

Ion Ratio Lower Upper

63 100

112 0.0 2.4 3.6#

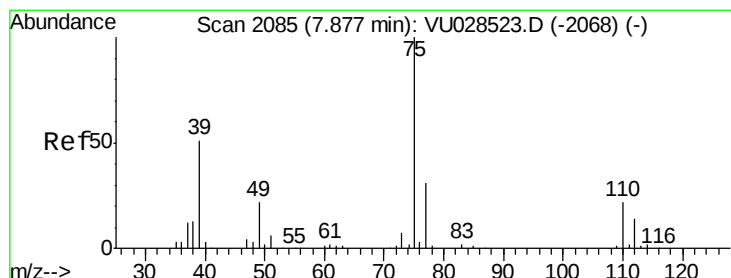
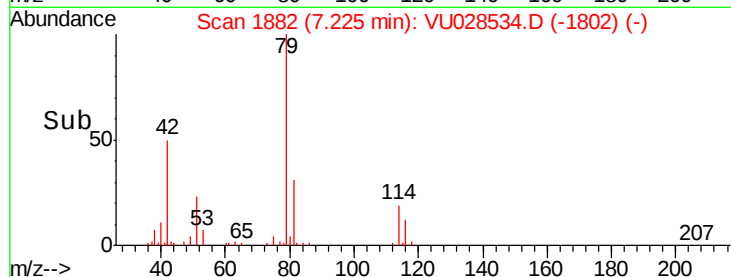
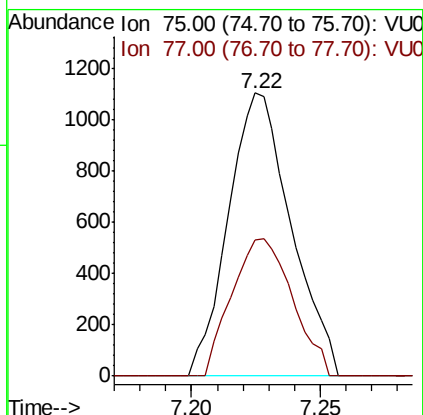
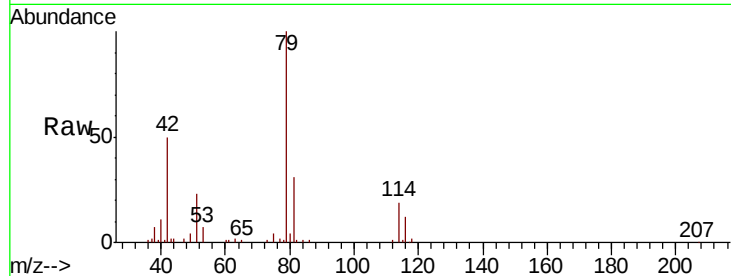




#39
 cis-1,3-Dichloropropene
 Concen: 1.048 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.04 min
 Lab File: VU028534.D
 Acq: 07 Dec 2018 16:10

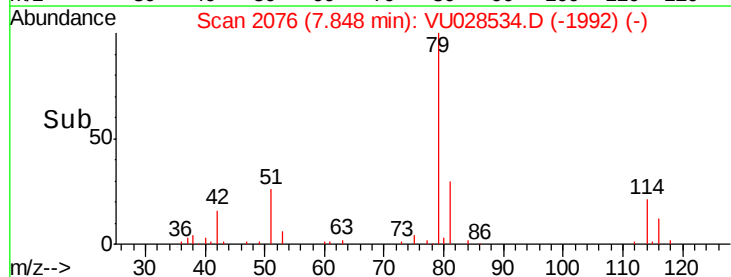
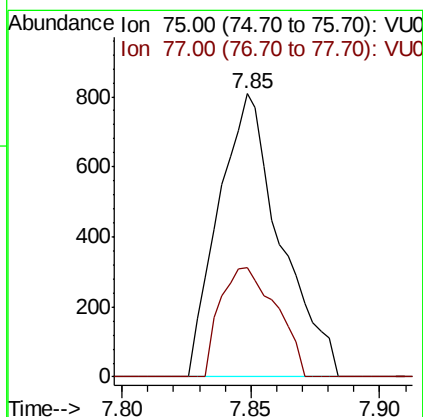
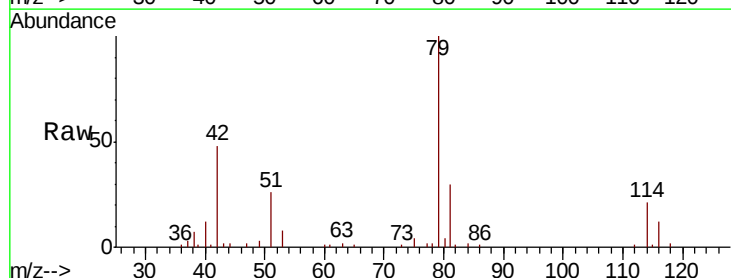
Instrument :
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 ClientSampleId :
 F9F38

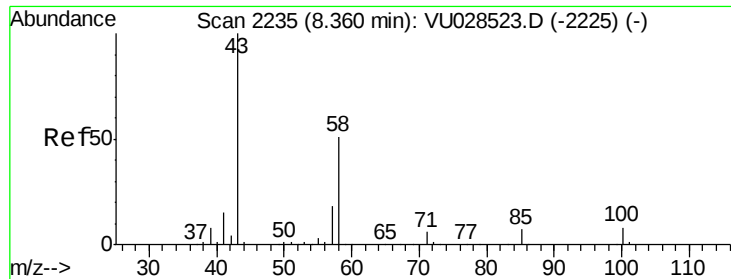
Tgt Ion: 75 Resp: 1879
 Ion Ratio Lower Upper
 75 100
 77 48.1 21.8 40.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.822 ug/L
 RT: 7.85 min Scan# 2076
 Delta R.T. -0.03 min
 Lab File: VU028534.D
 Acq: 07 Dec 2018 16:10

Tgt Ion: 75 Resp: 1350
 Ion Ratio Lower Upper
 75 100
 77 38.6 21.8 40.6

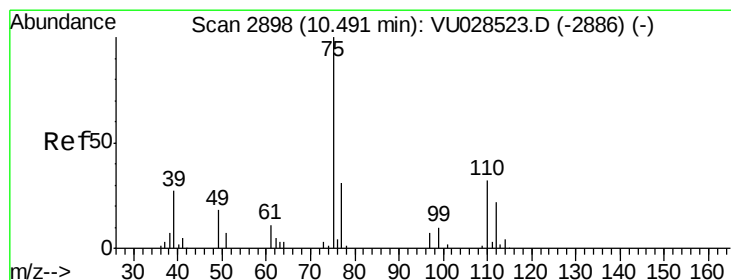
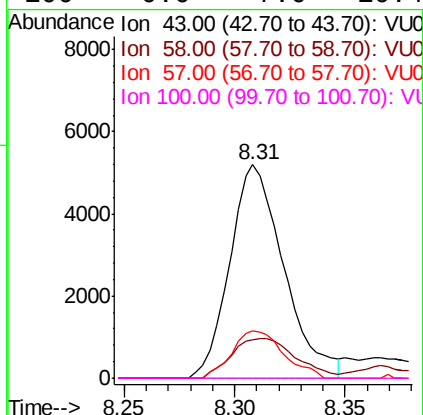
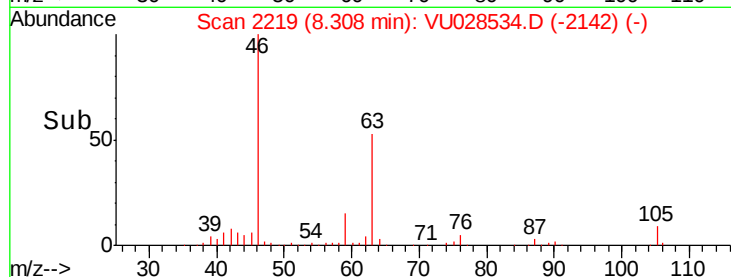
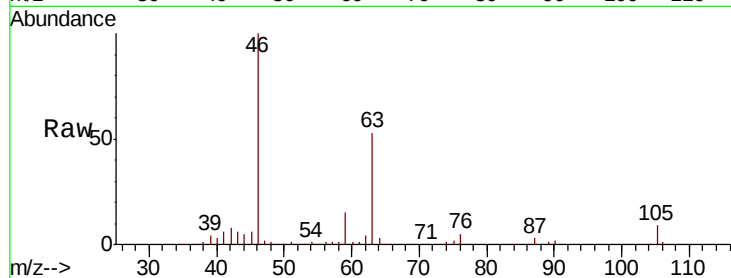




#48
2-Hexanone
Concen: 5.335 ug/L
RT: 8.31 min Scan# 2219
Delta R.T. -0.05 min
Lab File: VU028534.D
Acq: 07 Dec 2018 16:10

Instrument :
MSVOA_U
ClientSampleId :
F9F38

Tgt Ion:	43	Resp:	8855
Ion	Ratio	Lower	Upper
43	100		
58	22.1	41.6	62.4#
57	21.4	13.8	20.6#
100	0.0	7.0	10.4#



#59
1,2,3-Trichloropropane
Concen: 5.579 ug/L
RT: 11.48 min Scan# 3205
Delta R.T. 0.99 min
Lab File: VU028534.D
Acq: 07 Dec 2018 16:10

Tgt Ion:	75	Resp:	8001
Ion	Ratio	Lower	Upper
75	100		
77	34.9	25.4	38.2

