

Data File : VU028948.D
Acq On : 24 Dec 2018 15:30
Operator : MD/SY
Sample : J6542-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9F79

Quant Time: Dec 25 00:08:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 25 00:02:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	266473	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	248426	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	115488	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	79000	36.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.96%
7) Chloroethane-d5	1.67	69	69121	41.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.78%
11) 1,1-Dichloroethene-d2	2.27	63	115818	32.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.48%
21) 2-Butanone-d5	4.17	46	135283	90.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.39%
24) Chloroform-d	4.65	84	157132	46.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.54%
26) 1,2-Dichloroethane-d4	5.31	65	96599	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.30%
32) Benzene-d6	5.34	84	344192	49.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.08%
36) 1,2-Dichloropropane-d6	6.33	67	113273	47.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.02%
41) Toluene-d8	7.56	98	323004	50.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.58%
43) trans-1,3-Dichloropropene-	7.85	79	52462	49.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.22%
47) 2-Hexanone-d5	8.31	63	119259	105.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.32%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	158443	47.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	124339	53.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.46%

Target Compounds

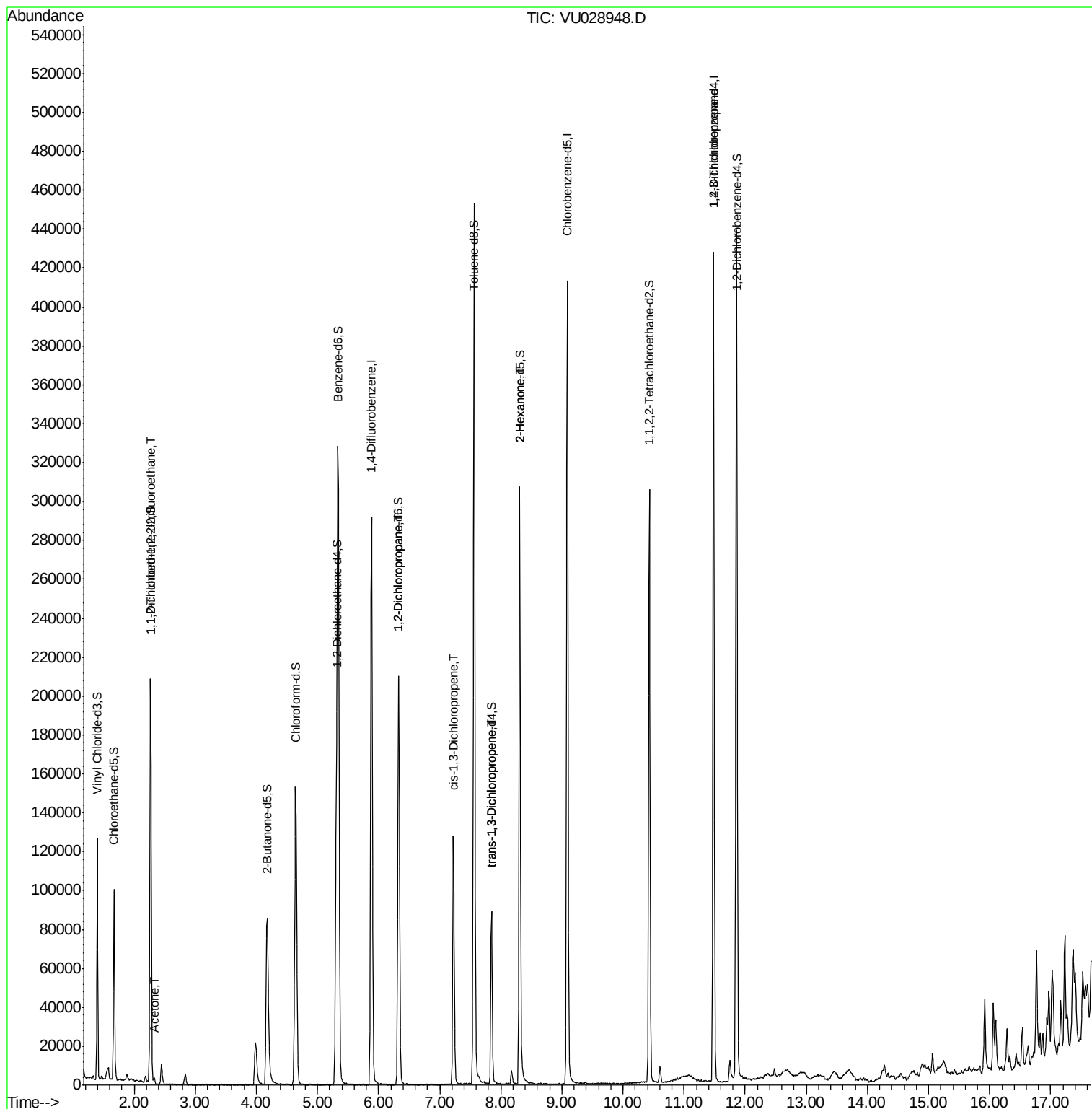
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1171	0.678	ug/L #	20
13) Acetone	2.32	43	2518	1.651	ug/L	94
37) 1,2-Dichloropropane	6.33	63	10994	4.973	ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	2685	0.852	ug/L #	43
44) trans-1,3-Dichloropropene	7.85	75	1972	0.702	ug/L #	83
48) 2-Hexanone	8.31	43	11525	4.725	ug/L #	65
59) 1,2,3-Trichloropropane	11.48	75	13254	5.024	ug/L	95

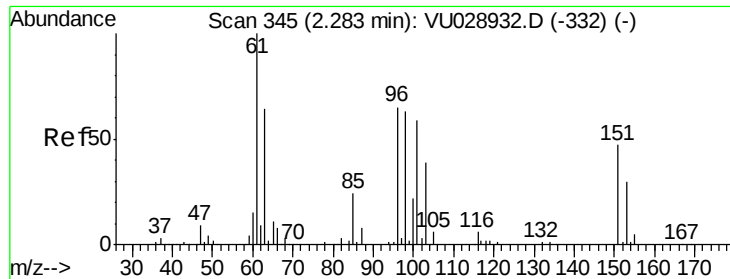
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.678 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.01 min

Lab File: VU028948.D

Acq: 24 Dec 2018 15:30

Instrument :

MSVOA_U

ClientSampled :

F9F79

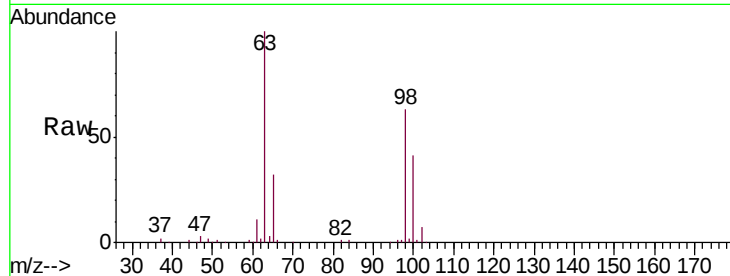
Tgt Ion:101 Resp: 1171

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

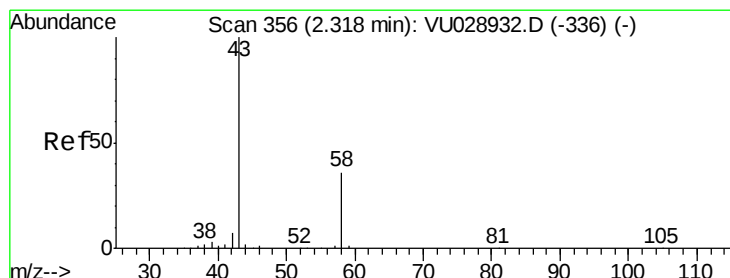
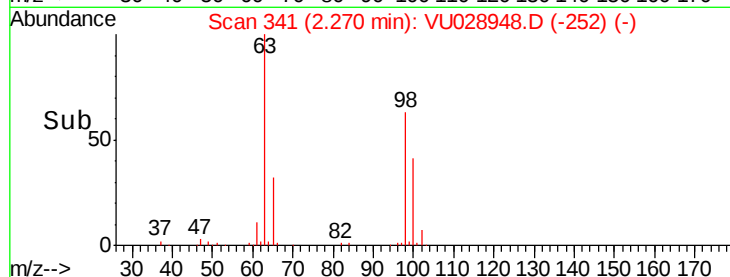
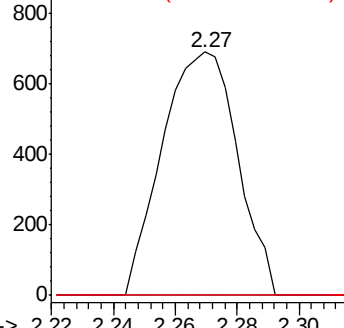
151 0.0 59.4 89.0#



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



#13

Acetone

Concen: 1.651 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

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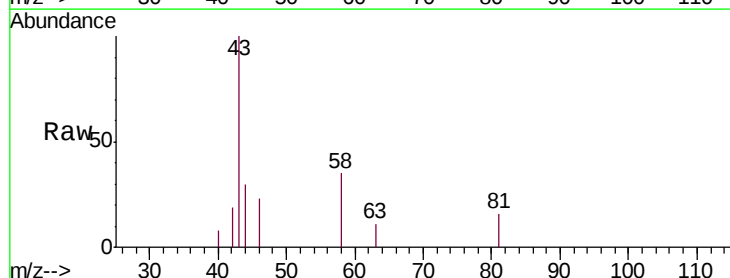
Acq: 24 Dec 2018 15:30

Tgt Ion: 43 Resp: 2518

Ion Ratio Lower Upper

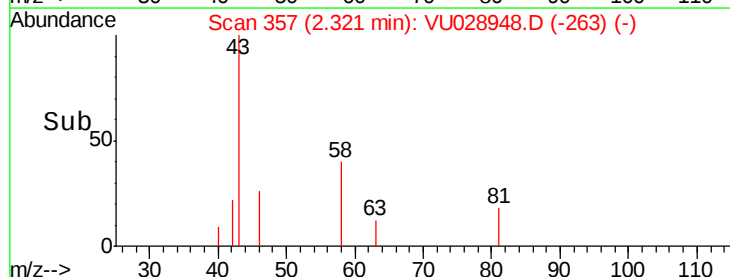
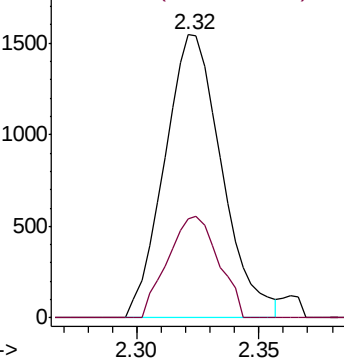
43 100

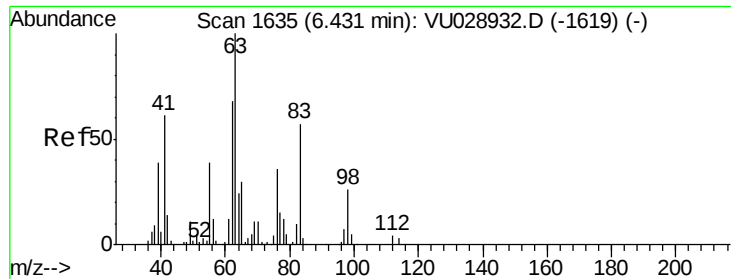
58 31.7 0.0 70.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

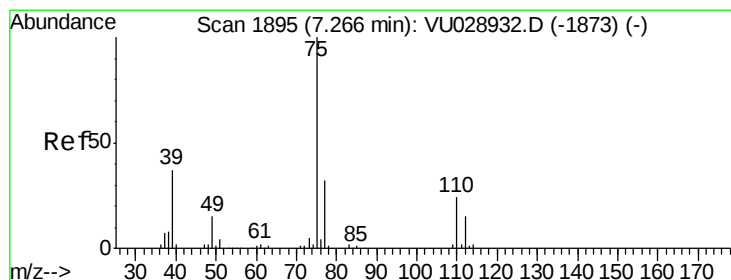
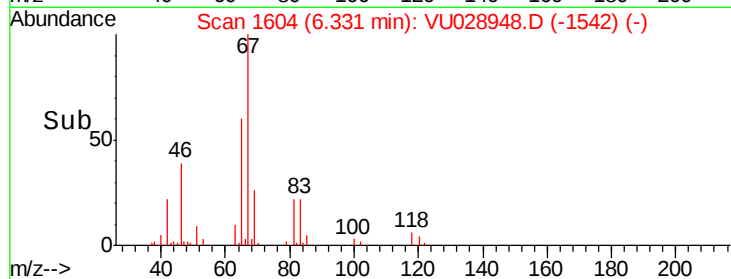
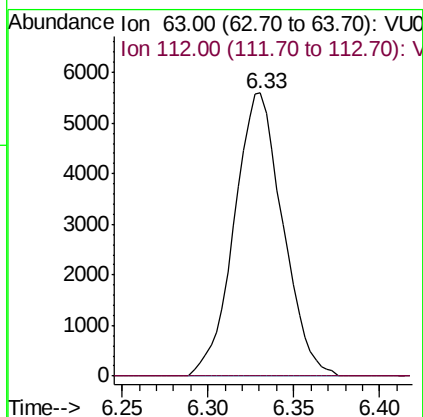
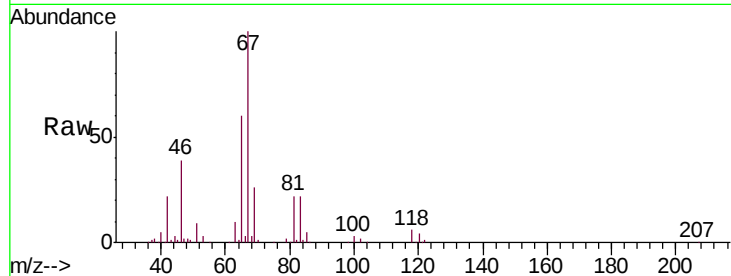




#37
 1,2-Dichloropropane
 Concen: 4.973 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU028948.D
 Acq: 24 Dec 2018 15:30

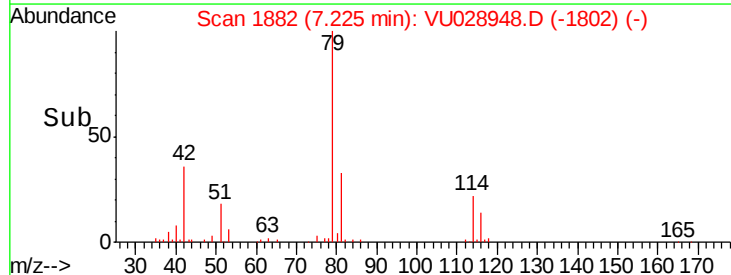
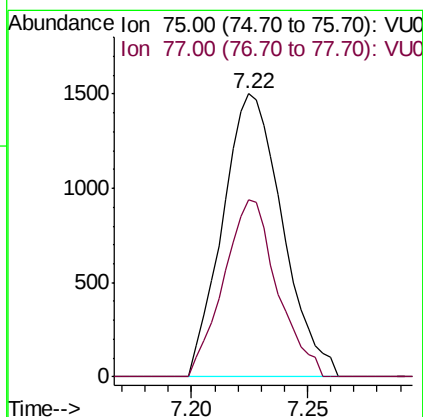
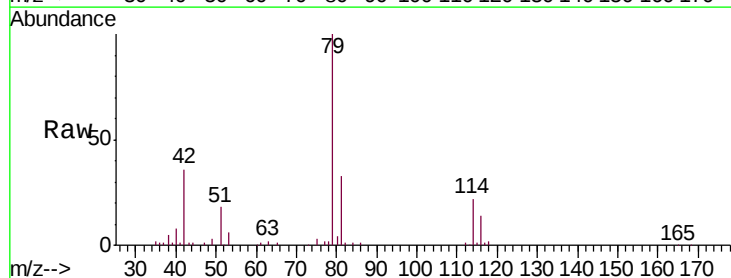
Instrument :
 MSVOA_U
 ClientSampleId :
 F9F79

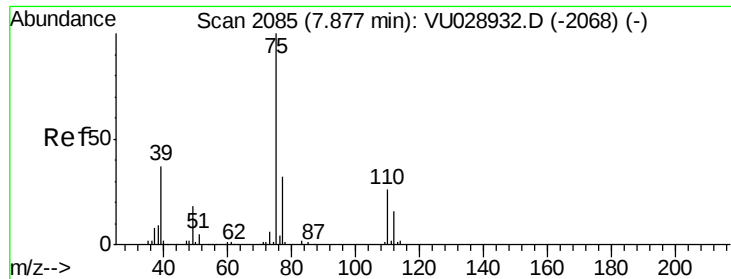
Tgt Ion: 63 Resp: 10994
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.7 4.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.852 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.04 min
 Lab File: VU028948.D
 Acq: 24 Dec 2018 15:30

Tgt Ion: 75 Resp: 2685
 Ion Ratio Lower Upper
 75 100
 77 62.6 21.8 40.6#





#44

trans-1,3-Dichloropropene

Concen: 0.702 ug/L

RT: 7.85 min Scan# 2075

Delta R.T. -0.03 min

Lab File: VU028948.D

Acq: 24 Dec 2018 15:30

Instrument :

MSVOA_U

ClientSampleId :

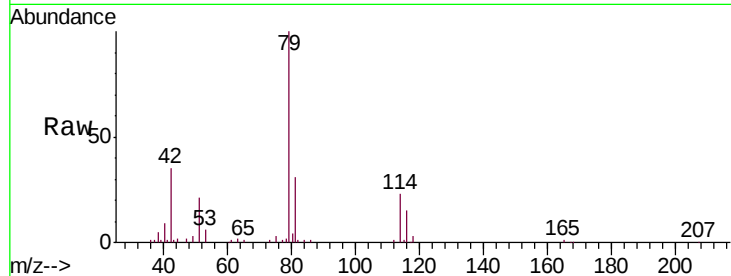
F9F79

Tgt Ion: 75 Resp: 1972

Ion Ratio Lower Upper

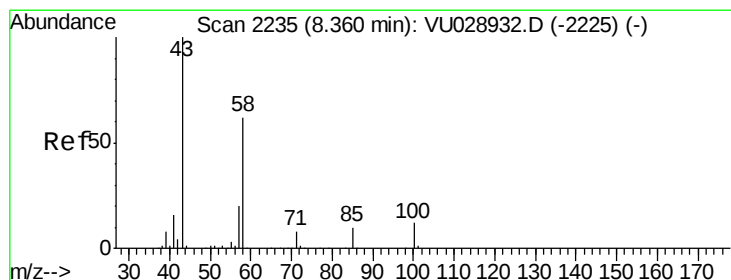
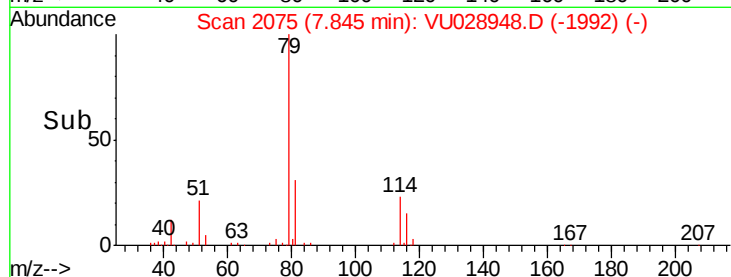
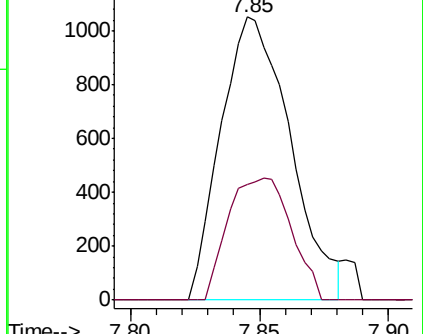
75 100

77 40.8 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#48

2-Hexanone

Concen: 4.725 ug/L

RT: 8.31 min Scan# 2219

Delta R.T. -0.05 min

Lab File: VU028948.D

Acq: 24 Dec 2018 15:30

Tgt Ion: 43 Resp: 11525

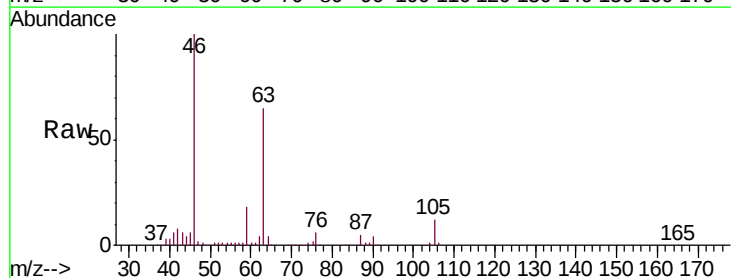
Ion Ratio Lower Upper

43 100

58 23.6 45.9 68.9#

57 22.2 15.0 22.4

100 0.0 8.7 13.1#

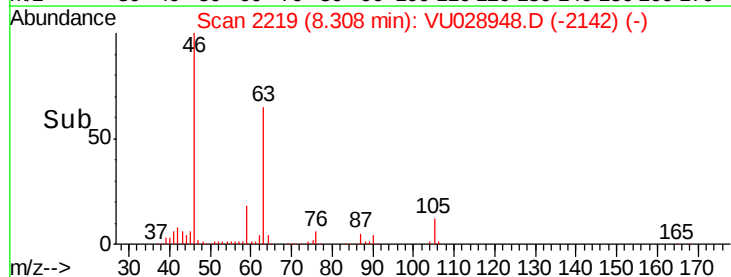
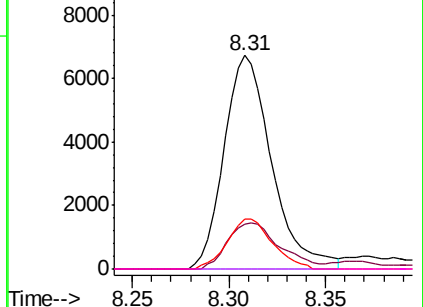


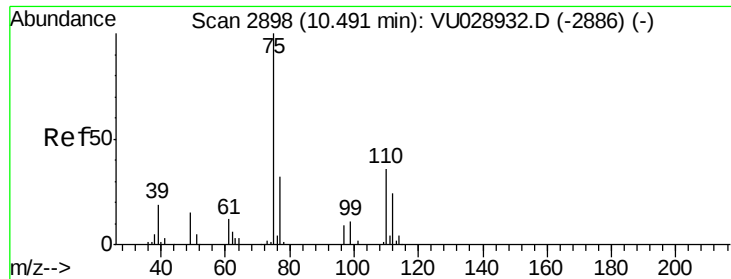
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 5.024 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028948.D

Acq: 24 Dec 2018 15:30

Instrument :

MSVOA_U

ClientSampleId :

F9F79

Tgt Ion: 75 Resp: 13254

Ion Ratio Lower Upper

75 100

77 34.6 25.5 38.3

