

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U120718\
 Data File : VU028529.D
 Acq On : 07 Dec 2018 13:59
 Operator : MD/SY
 Sample : J6270-01
 Misc : 5.64g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E00

Quant Time: Dec 07 22:57:25 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	5.88	114	169344	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	165152	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	83386	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	73122	48.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.10%
7) Chloroethane-d5	1.64	69	63910	54.83	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.66%
11) 1,1-Dichloroethene-d2	2.24	63	97197	36.02	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.04%
21) 2-Butanone-d5	4.19	46	123756	99.97	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.97%
24) Chloroform-d	4.64	84	113454	46.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.96%
26) 1,2-Dichloroethane-d4	5.31	65	79767	48.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.28%
32) Benzene-d6	5.33	84	243835	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.22%
36) 1,2-Dichloropropane-d6	6.32	67	88506	47.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.82%
41) Toluene-d8	7.56	98	220052	47.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	7.85	79	41371	49.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.90%
47) 2-Hexanone-d5	8.32	63	96549	108.58	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	127916	54.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.24%
64) 1,2-Dichlorobenzene-d4	11.86	152	85140	51.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

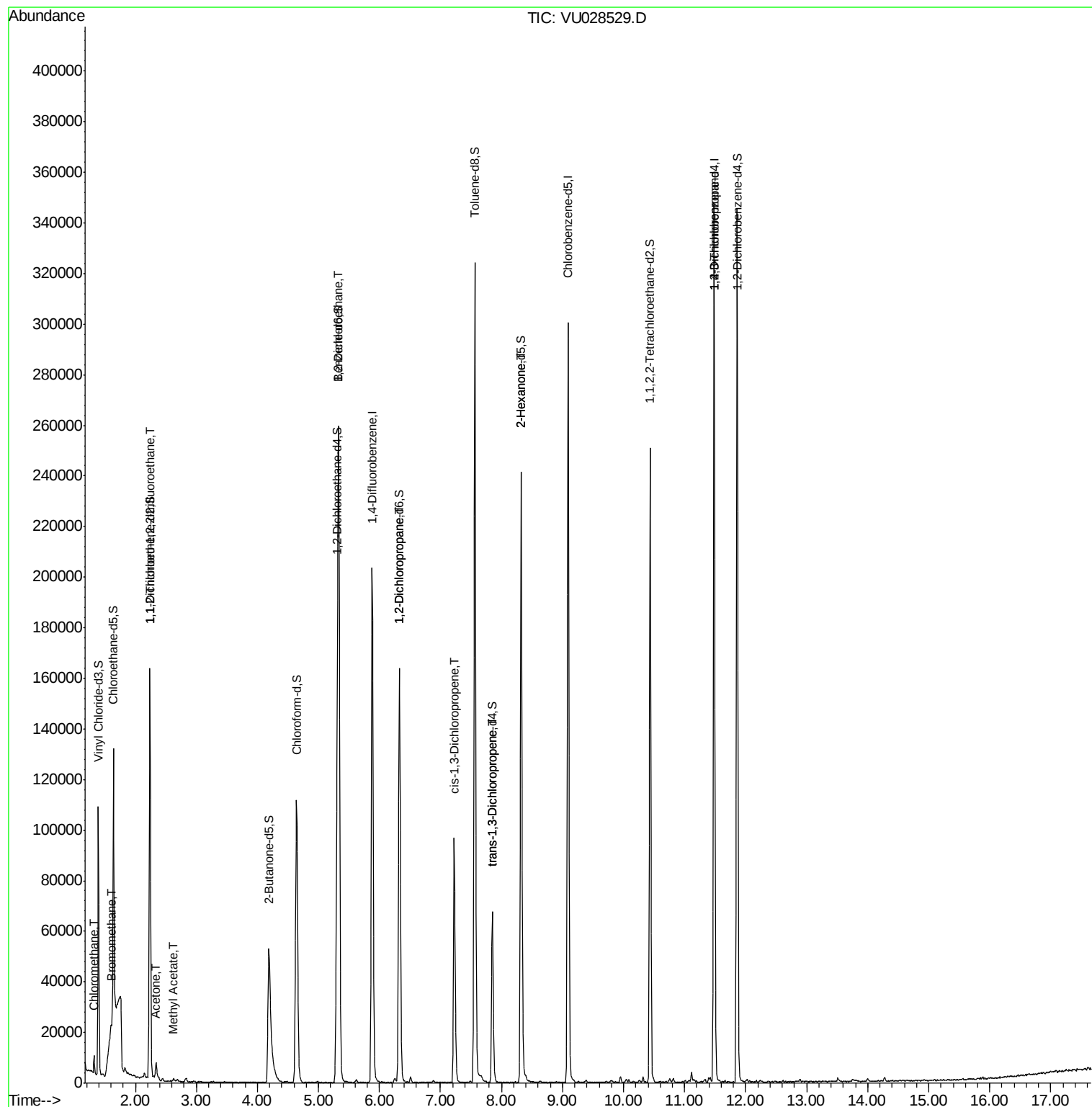
					Qvalue
3) Chloromethane	1.32	50	5323	2.476 ug/L	96
6) Bromomethane	1.60	94	1311	2.501 ug/L	88
10) 1,1,2-Trichloro-1,2,2-trif	2.24	101	881	0.798 ug/L #	21
13) Acetone	2.34	43	8380	6.505 ug/L	98
15) Methyl Acetate	2.63	43	2331	1.232 ug/L #	74
27) 1,2-Dichloroethane	5.33	62	1151	0.584 ug/L #	76
37) 1,2-Dichloropropane	6.33	63	8914	5.345 ug/L #	91
39) cis-1,3-Dichloropropene	7.22	75	2405	1.015 ug/L #	59
44) trans-1,3-Dichloropropene	7.85	75	1620	0.746 ug/L #	82
48) 2-Hexanone	8.32	43	11456	5.220 ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	12225	6.446 ug/L	94

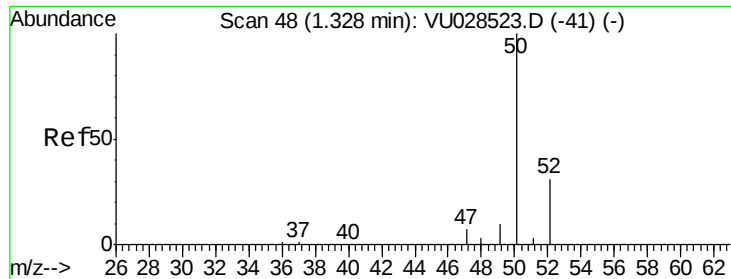
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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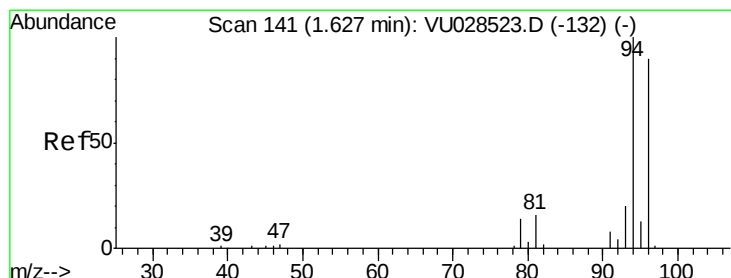
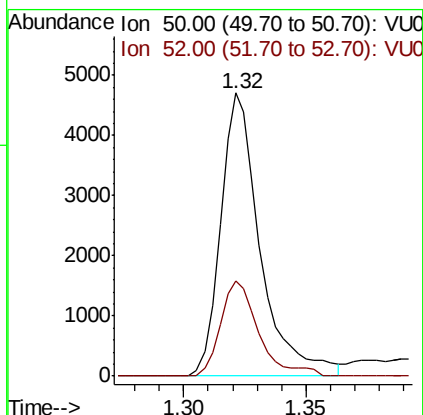
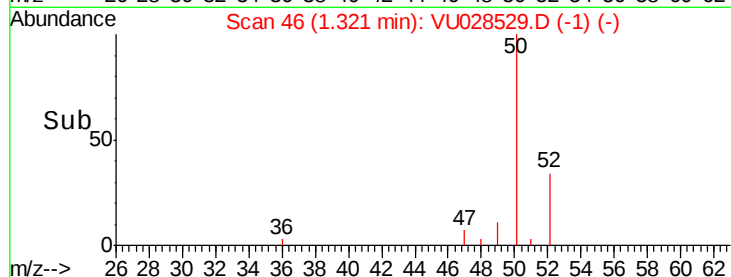
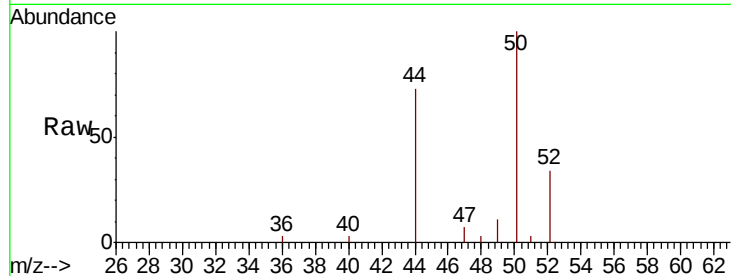




#3
Chloromethane
Concen: 2.476 ug/L
RT: 1.32 min Scan# 46
Delta R.T. -0.01 min
Lab File: VU028529.D
Acq: 07 Dec 2018 13:59

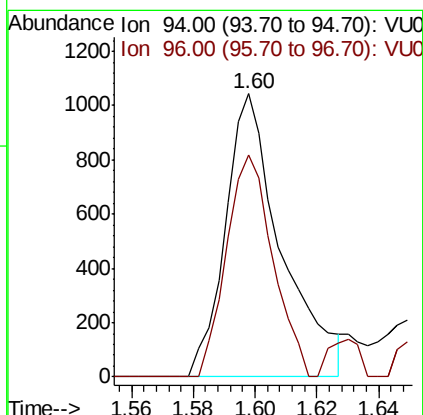
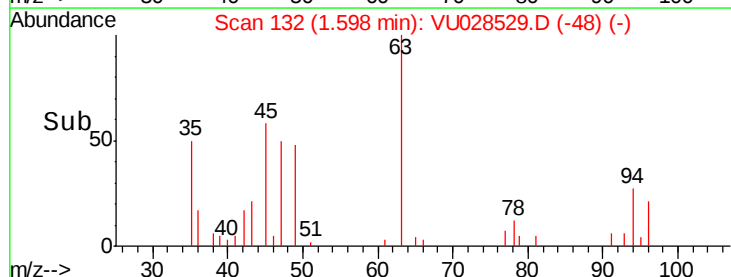
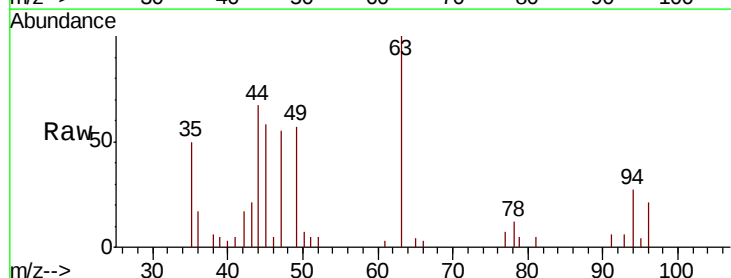
Instrument :
MSVOA_U
ClientSampled :
F9E00

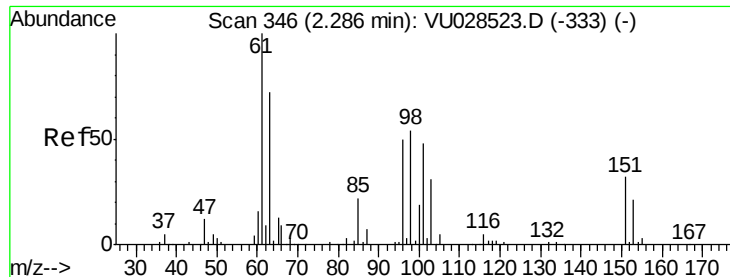
Tgt Ion: 50 Resp: 5323
Ion Ratio Lower Upper
50 100
52 33.6 22.0 41.0



#6
Bromomethane
Concen: 2.501 ug/L
RT: 1.60 min Scan# 132
Delta R.T. -0.03 min
Lab File: VU028529.D
Acq: 07 Dec 2018 13:59

Tgt Ion: 94 Resp: 1311
Ion Ratio Lower Upper
94 100
96 78.3 62.9 116.9





#10

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

Concen: 0.798 ug/L

RT: 2.24 min Scan# 331

Delta R.T. -0.05 min

Lab File: VU028529.D

Acq: 07 Dec 2018 13:59

Instrument :

MSVOA_U

ClientSampled :

F9E00

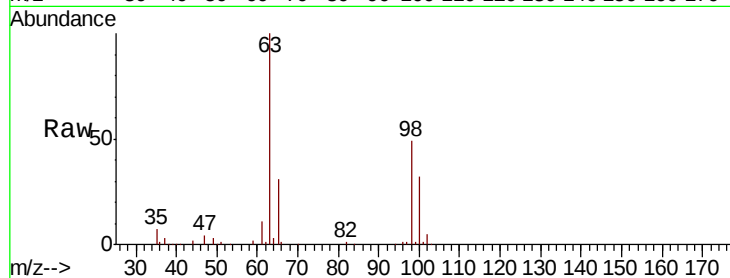
Tgt Ion:101 Resp: 881

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

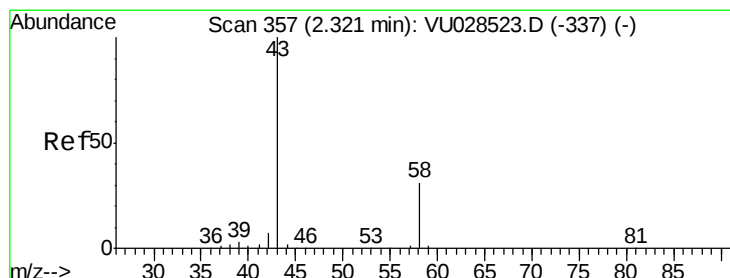
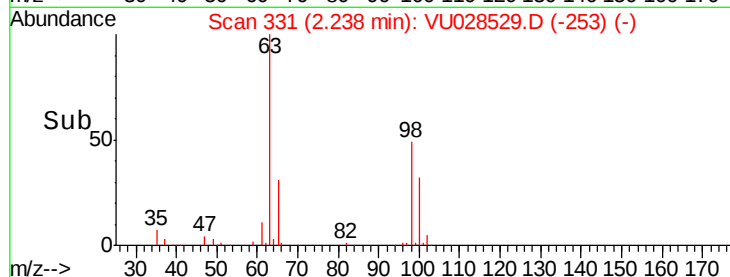
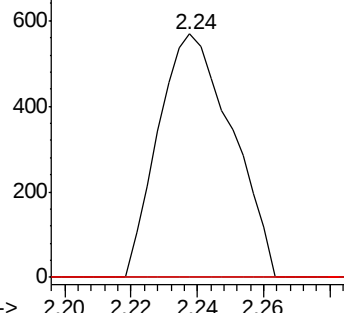
151 0.0 55.8 83.8#



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



#13

Acetone

Concen: 6.505 ug/L

RT: 2.34 min Scan# 362

Delta R.T. 0.02 min

Lab File: VU028529.D

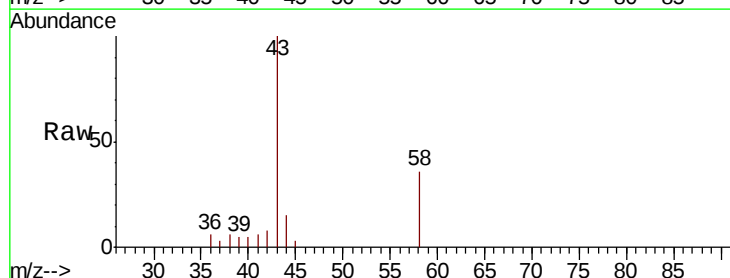
Acq: 07 Dec 2018 13:59

Tgt Ion: 43 Resp: 8380

Ion Ratio Lower Upper

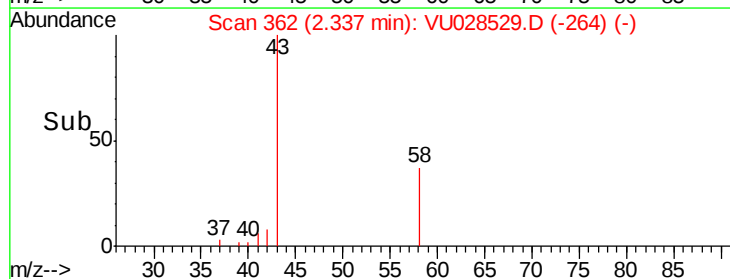
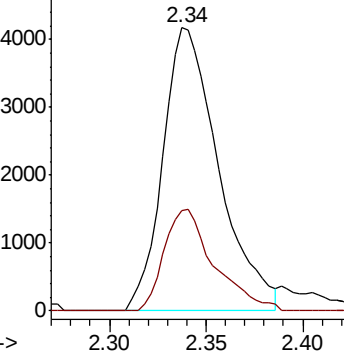
43 100

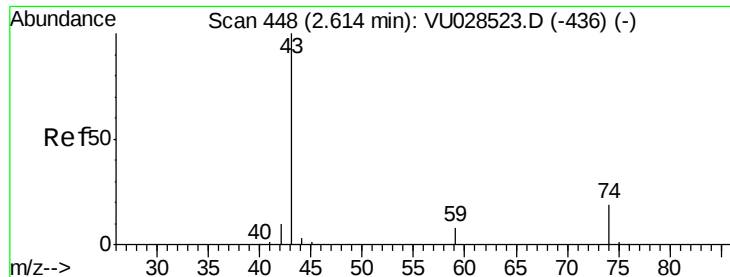
58 32.3 0.0 62.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#15

Methyl Acetate

Concen: 1.232 ug/L

RT: 2.63 min Scan# 452

Delta R.T. 0.01 min

Lab File: VU028529.D

Acq: 07 Dec 2018 13:59

Instrument :

MSVOA_U

ClientSampled :

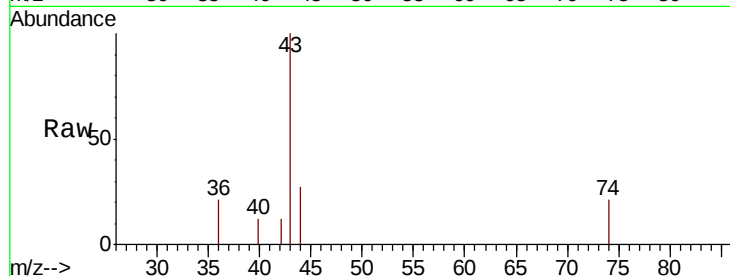
F9E00

Tgt Ion: 43 Resp: 2331

Ion Ratio Lower Upper

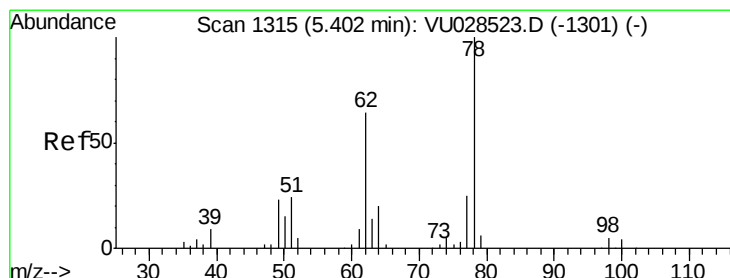
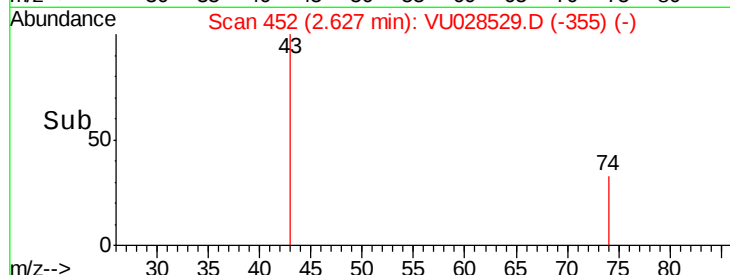
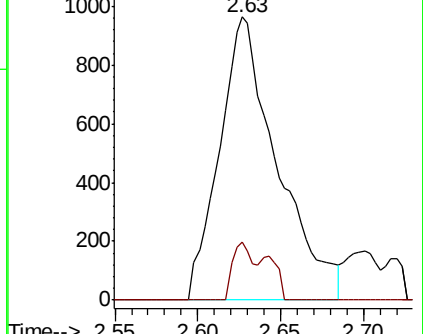
43 100

74 7.6 15.4 23.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#27

1,2-Dichloroethane

Concen: 0.584 ug/L

RT: 5.33 min Scan# 1294

Delta R.T. -0.07 min

Lab File: VU028529.D

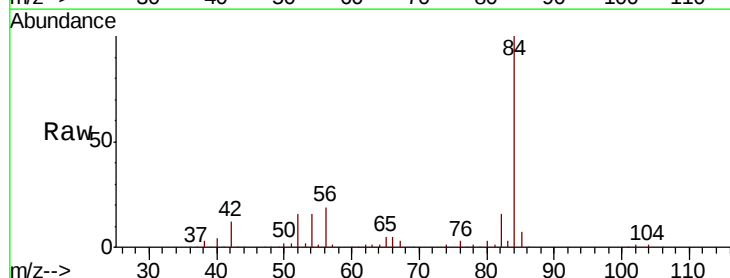
Acq: 07 Dec 2018 13:59

Tgt Ion: 62 Resp: 1151

Ion Ratio Lower Upper

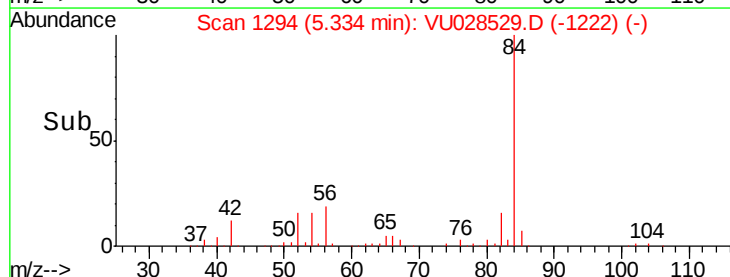
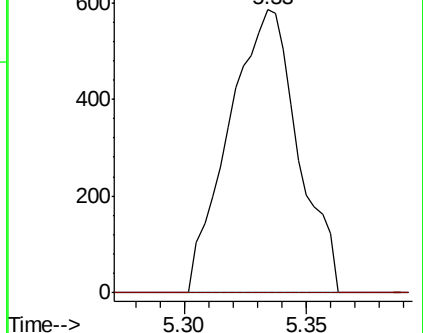
62 100

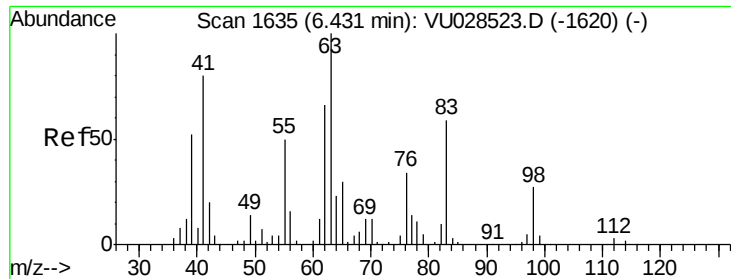
98 0.0 6.7 10.1#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

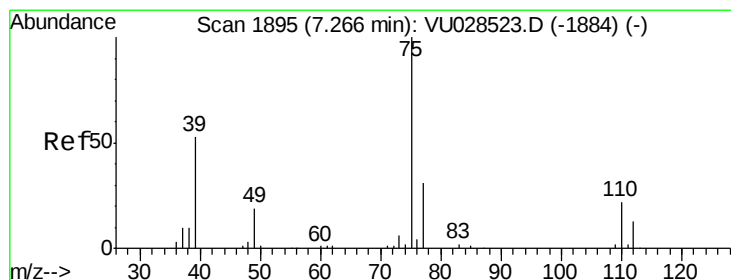
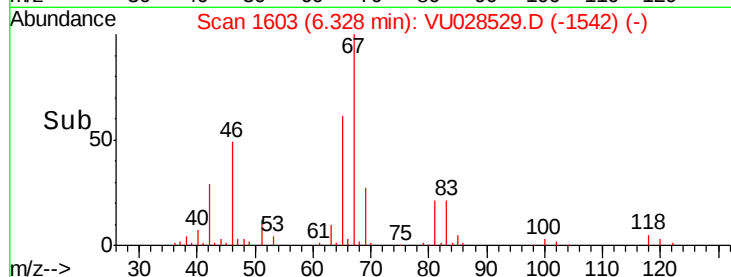
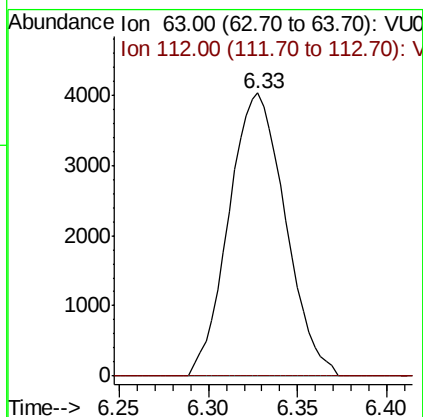
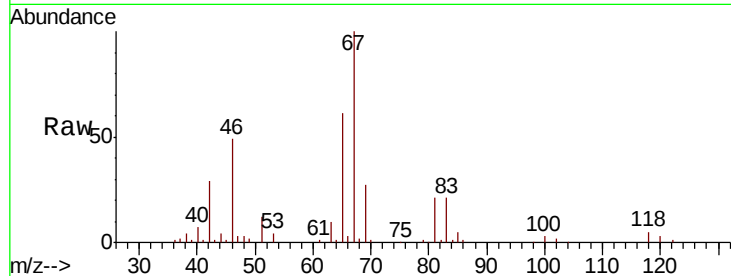




#37
 1,2-Dichloropropane
 Concen: 5.345 ug/L
 RT: 6.33 min Scan# 1603
 Delta R.T. -0.10 min
 Lab File: VU028529.D
 Acq: 07 Dec 2018 13:59

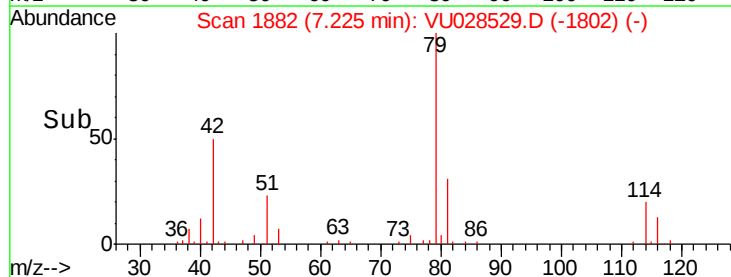
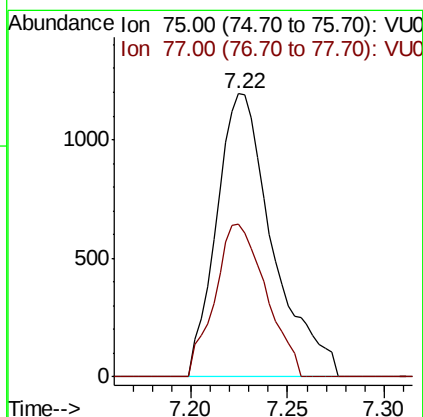
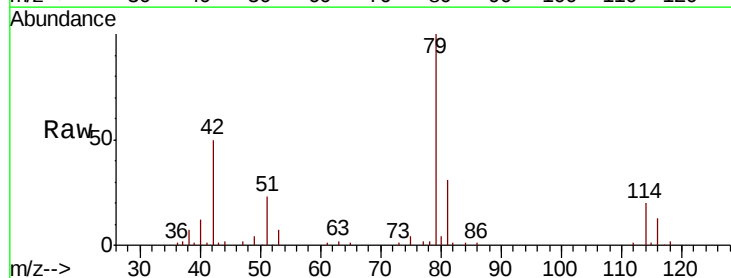
Instrument :
 MSVOA_U
 ClientSampleId :
 F9E00

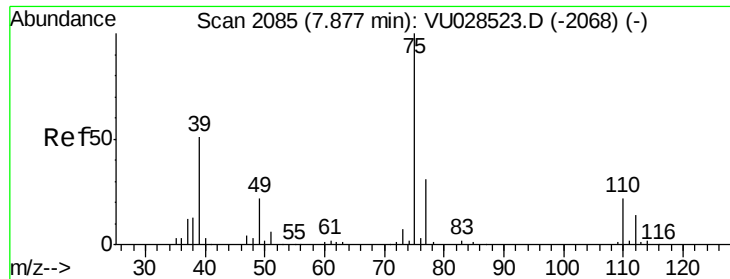
Tgt Ion: 63 Resp: 8914
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.4 3.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.015 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.04 min
 Lab File: VU028529.D
 Acq: 07 Dec 2018 13:59

Tgt Ion: 75 Resp: 2405
 Ion Ratio Lower Upper
 75 100
 77 54.1 21.8 40.6#





#44

trans-1,3-Dichloropropene

Concen: 0.746 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU028529.D

Acq: 07 Dec 2018 13:59

Instrument :

MSVOA_U

ClientSampleId :

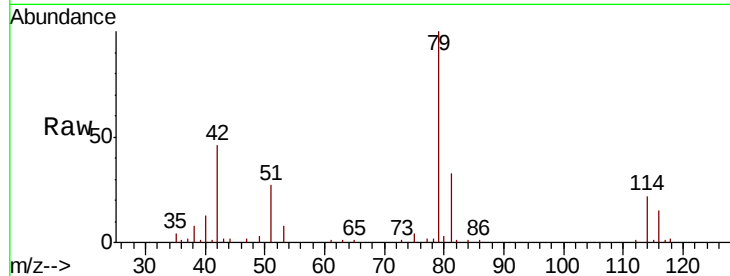
F9E00

Tgt Ion: 75 Resp: 1620

Ion Ratio Lower Upper

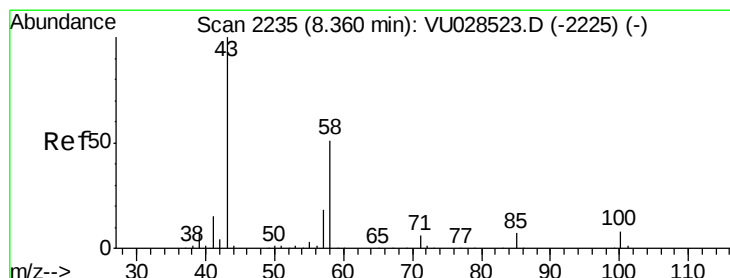
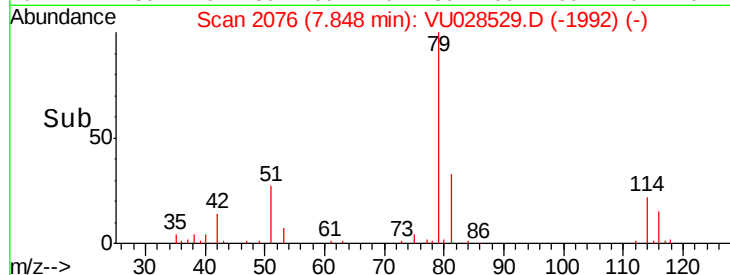
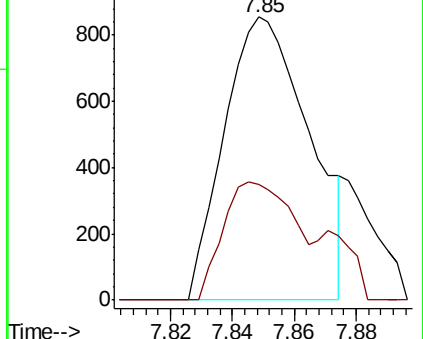
75 100

77 41.0 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: 5.220 ug/L

RT: 8.32 min Scan# 2223

Delta R.T. -0.04 min

Lab File: VU028529.D

Acq: 07 Dec 2018 13:59

Tgt Ion: 43 Resp: 11456

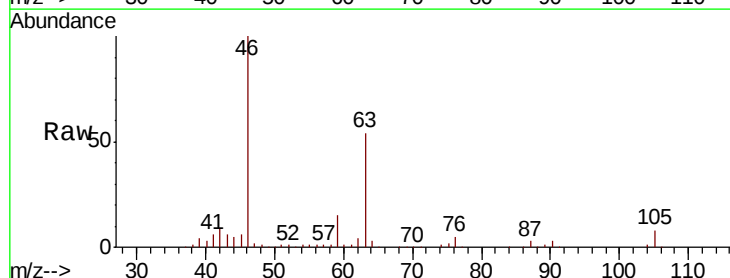
Ion Ratio Lower Upper

43 100

58 21.2 41.6 62.4#

57 21.6 13.8 20.6#

100 0.0 7.0 10.4#

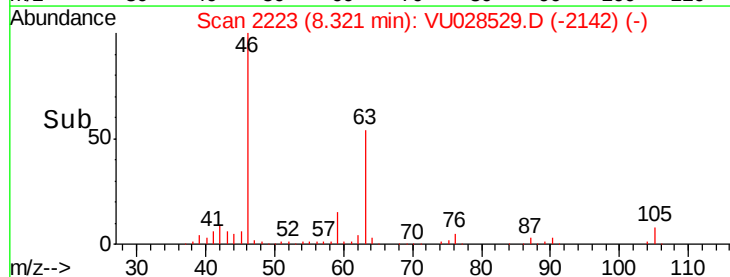
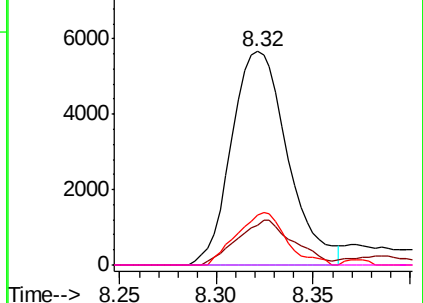


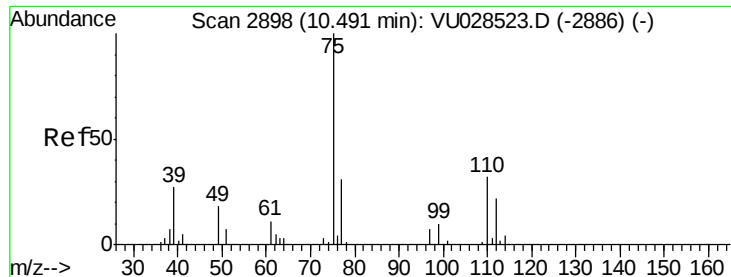
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 6.446 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU028529.D

Acq: 07 Dec 2018 13:59

Instrument :

MSVOA_U

ClientSampleId :

F9E00

Tgt Ion: 75 Resp: 12225

Ion Ratio Lower Upper

75 100

77 35.3 25.4 38.2

