

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112018\
 Data File : VU028270.D
 Acq On : 20 Nov 2018 11:56
 Operator : MD/SY
 Sample : VU1120WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 06:36:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 21 06:33:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	136369	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	129788	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	54406	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	45762	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.68	69	41479	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.28	63	69421	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	4.21	46	153856	44.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.60%
24) Chloroform-d	4.65	84	86979	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.31	65	49182	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.34	84	171374	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.33	67	63380	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.57	98	147349	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.85	79	17337	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	8.32	63	110141	42.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	44625	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	50339	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

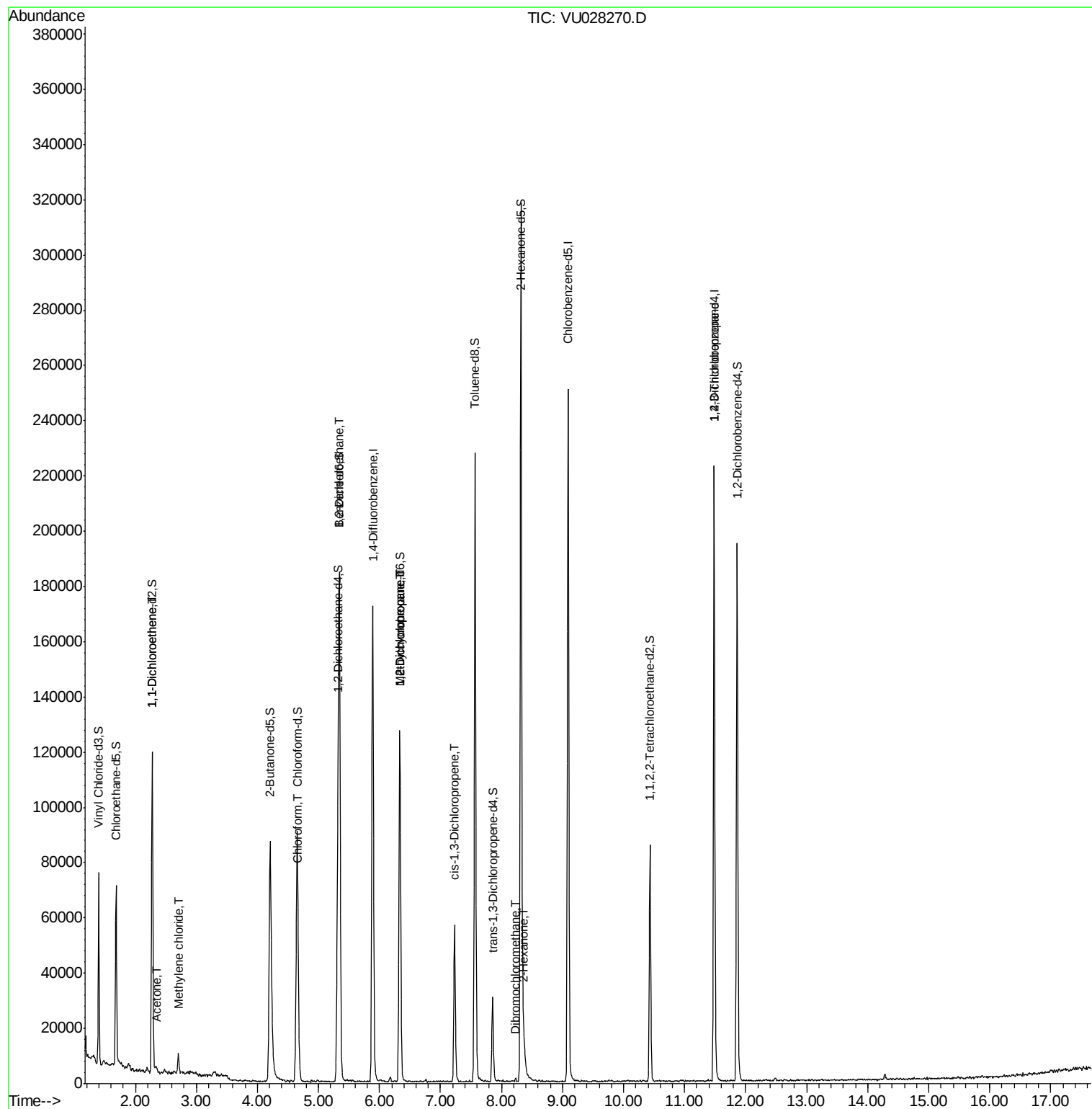
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	456	0.054	ug/L #	1
13) Acetone	2.35	43	1518	0.643	ug/L	62
16) Methylene chloride	2.70	84	2270	0.215	ug/L	90
25) Chloroform	4.67	83	5896	0.263	ug/L	85
27) 1,2-Dichloroethane	5.35	62	987	0.077	ug/L #	78
35) Methylcyclohexane	6.33	83	13134	0.795	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	6443	0.527	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1217	0.079	ug/L #	14
48) 2-Hexanone	8.37	43	4061	0.652	ug/L #	68
49) Dibromochloromethane	8.23	129	300	0.040	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	8052	1.140	ug/L	92

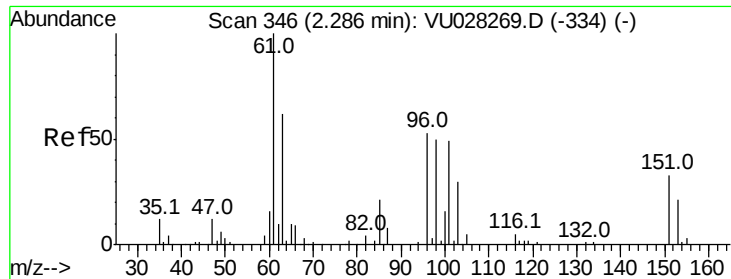
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.054 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU028270.D

Acq: 20 Nov 2018 11:56

Instrument :
MSVOA_U
ClientSampled :

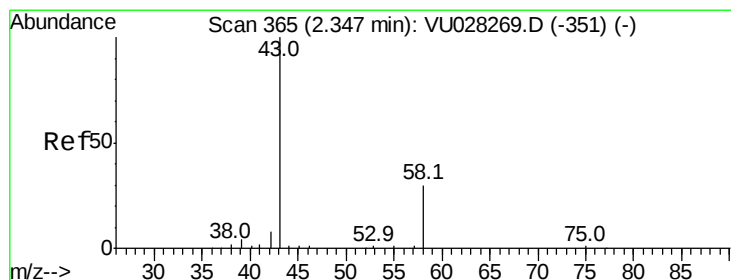
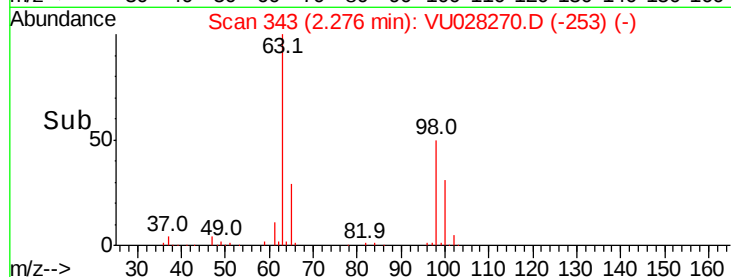
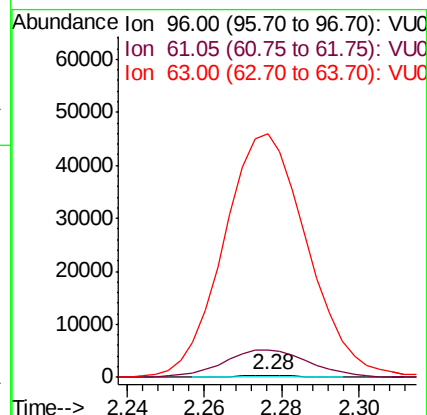
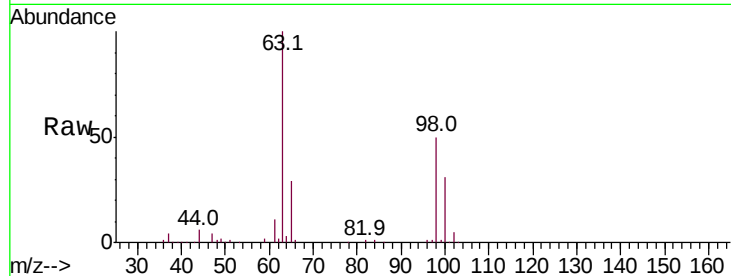
Tot Ion: 96 Resp: 456

Ion Ratio Lower Upper

96 100

61 1274.8 145.5 270.1#

63 11258.8 98.6 183.2#



#13

Acetone

Concen: 0.643 ug/L

RT: 2.35 min Scan# 366

Delta R.T. 0.00 min

Lab File: VU028270.D

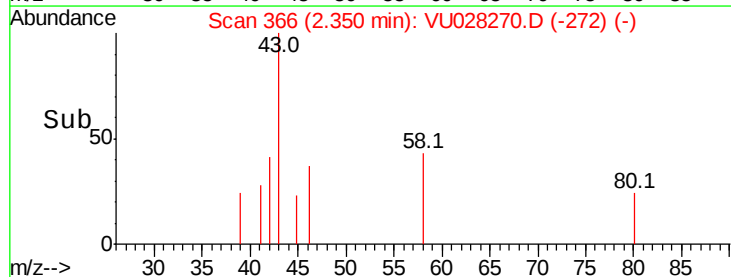
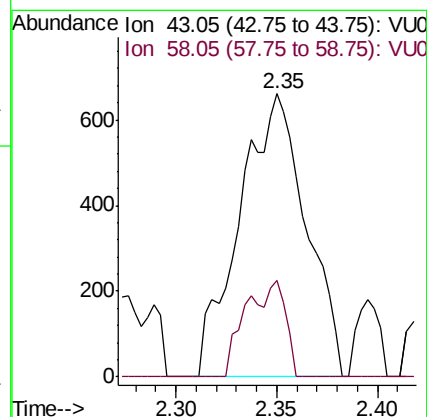
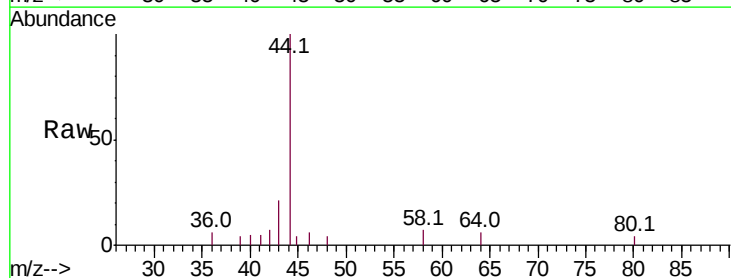
Acq: 20 Nov 2018 11:56

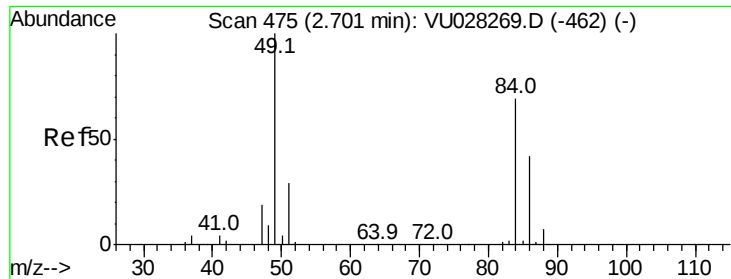
Tgt Ion: 43 Resp: 1518

Ion Ratio Lower Upper

43 100

58 9.0 0.0 58.6

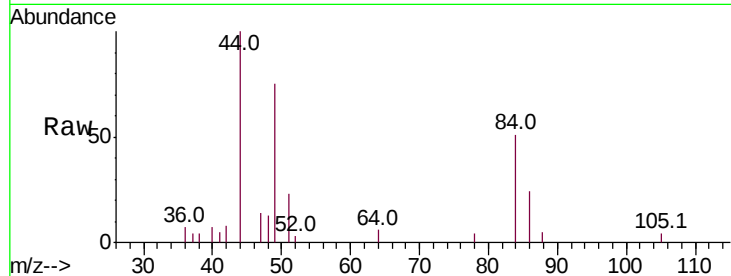




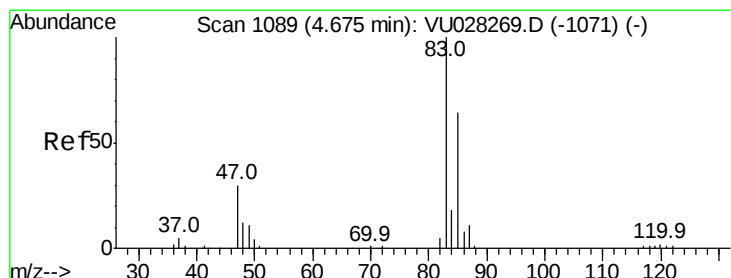
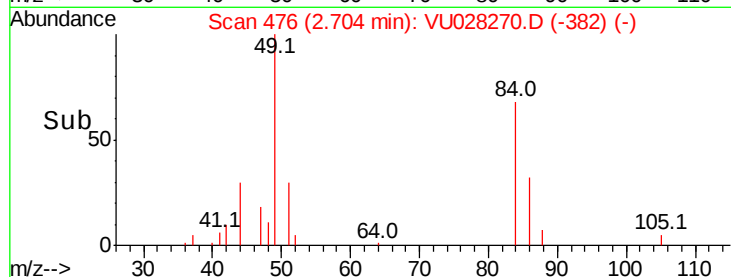
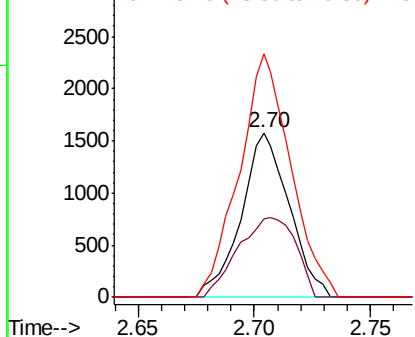
#16
Methvlene chloride
Concen: 0.215 ug/L
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU028270.D
Acq: 20 Nov 2018 11:56

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 2270
Ion Ratio Lower Upper
84 100
86 47.5 45.3 84.1
49 147.7 107.9 200.5

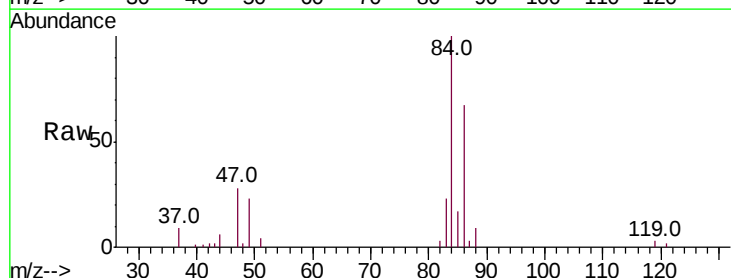


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

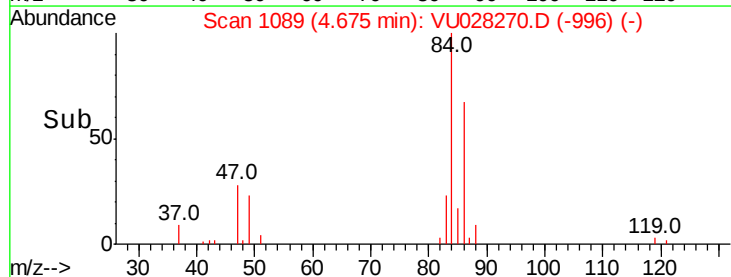
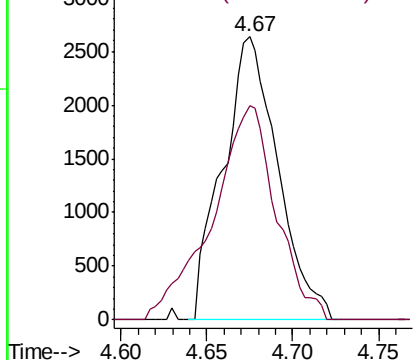


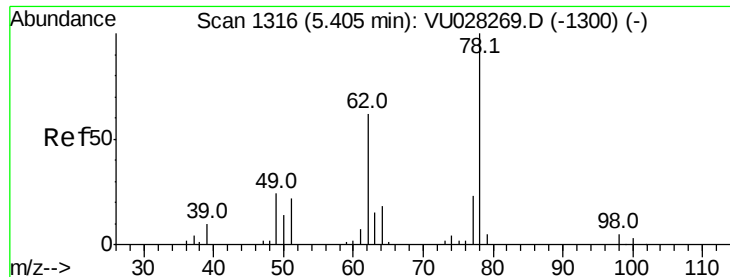
#25
Chloroform
Concen: 0.263 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU028270.D
Acq: 20 Nov 2018 11:56

Tgt Ion: 83 Resp: 5896
Ion Ratio Lower Upper
83 100
85 75.5 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

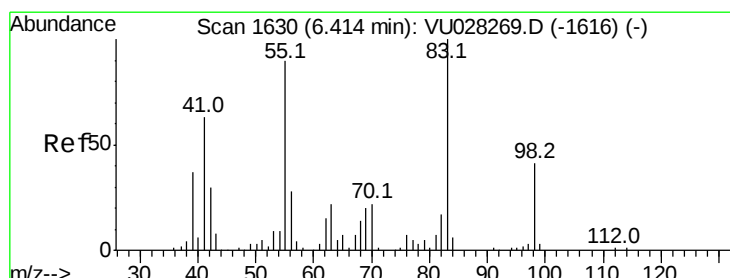
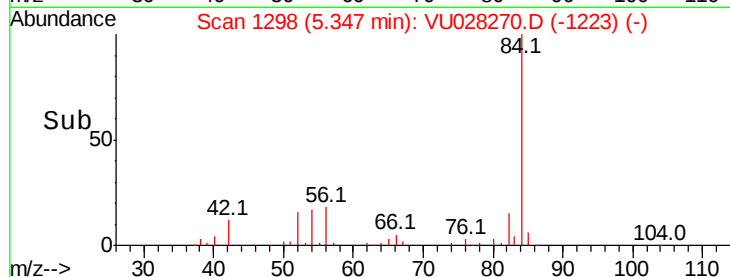
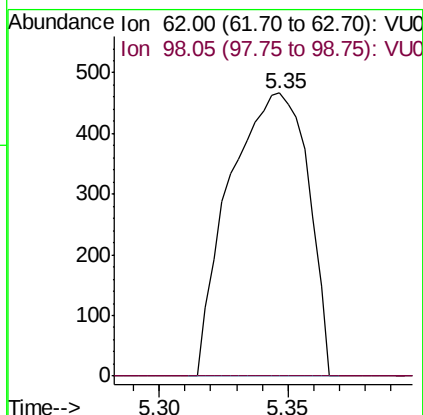
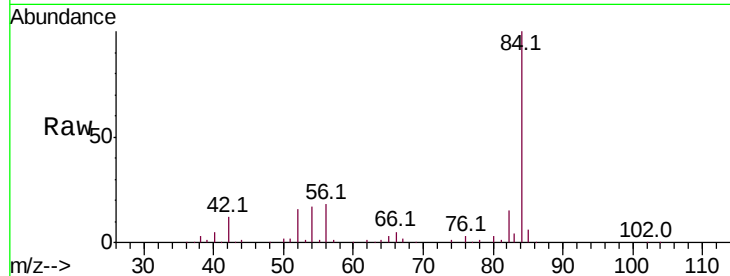




#27
 1,2-Dichloroethane
 Concen: 0.077 ug/L
 RT: 5.35 min Scan# 1298
 Delta R.T. -0.06 min
 Lab File: VU028270.D
 Acq: 20 Nov 2018 11:56

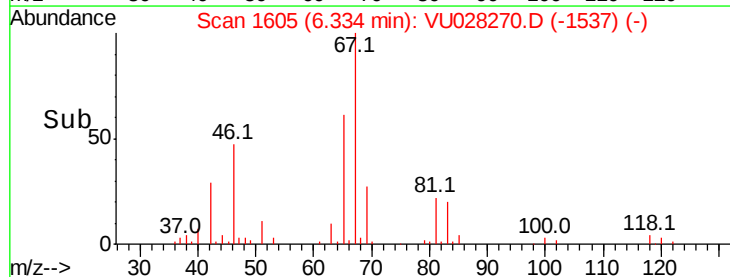
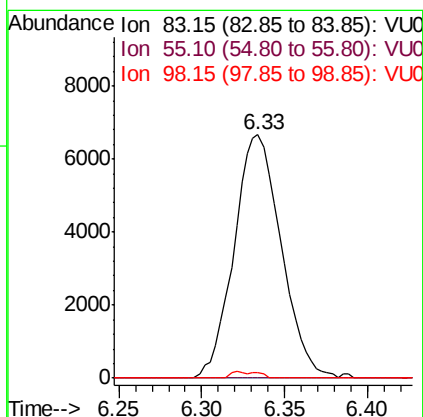
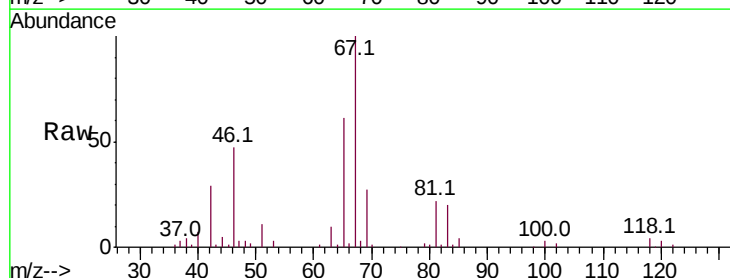
Instrument :
 MSVOA_U
 ClientSampleId :

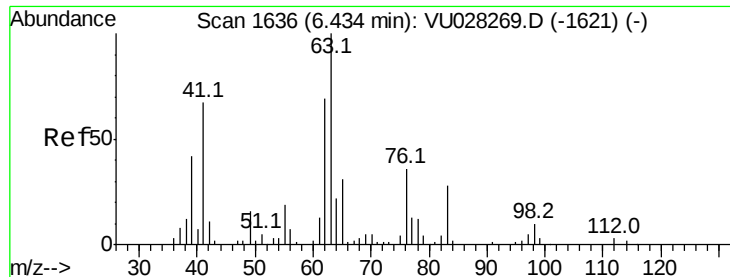
Tot Ion: 62 Resp: 987
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.2 9.4#



#35
 Methylcyclohexane
 Concen: 0.795 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.08 min
 Lab File: VU028270.D
 Acq: 20 Nov 2018 11:56

Tgt Ion: 83 Resp: 13134
 Ion Ratio Lower Upper
 83 100
 55 0.0 73.2 109.8#
 98 1.5 33.4 50.2#

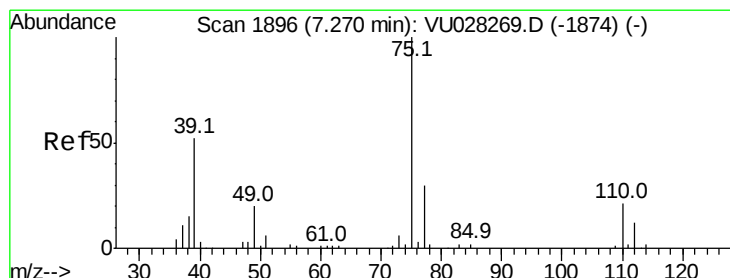
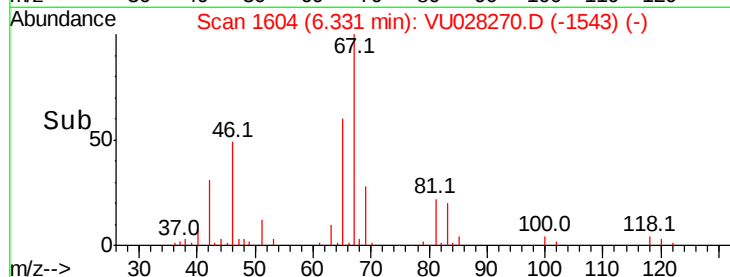
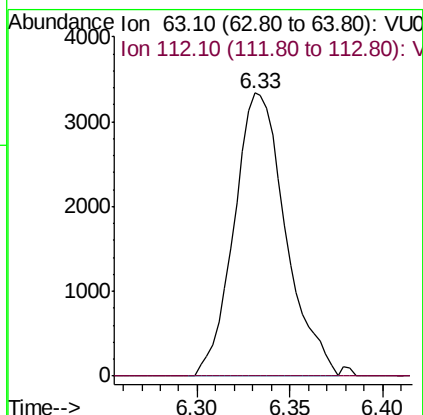
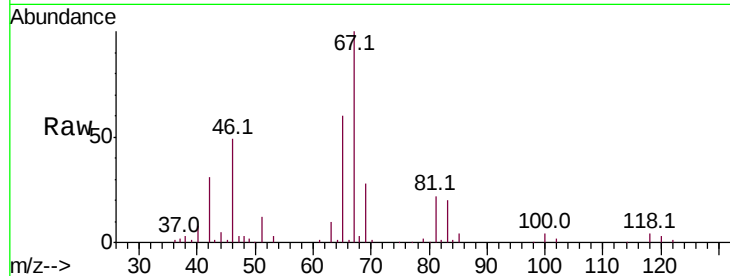




#37
 1,2-Dichloropropane
 Concen: 0.527 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU028270.D
 Acq: 20 Nov 2018 11:56

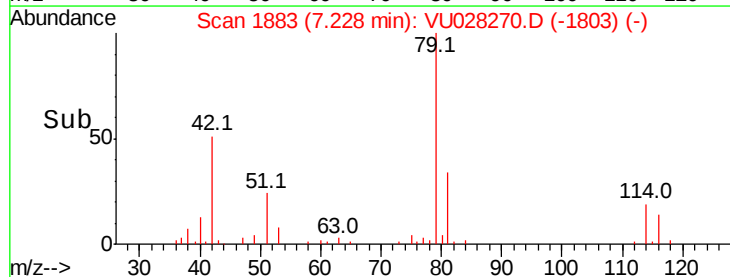
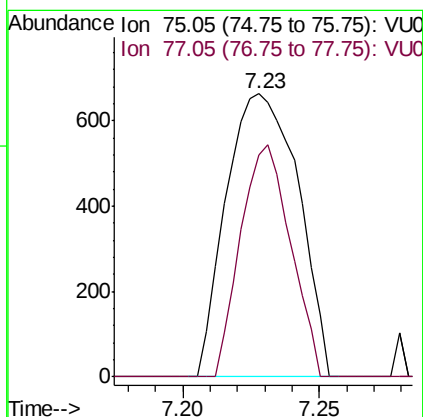
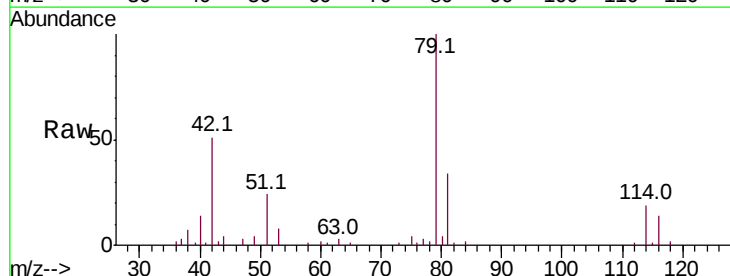
Instrument :
 MSVOA_U
 ClientSampleId :

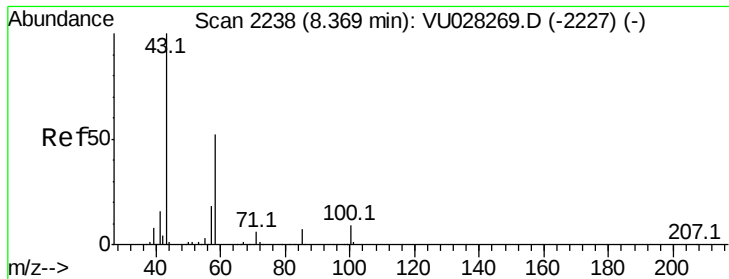
Tot Ion: 63 Resp: 6443
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.2 3.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU028270.D
 Acq: 20 Nov 2018 11:56

Tgt Ion: 75 Resp: 1217
 Ion Ratio Lower Upper
 75 100
 77 78.4 21.7 40.3#

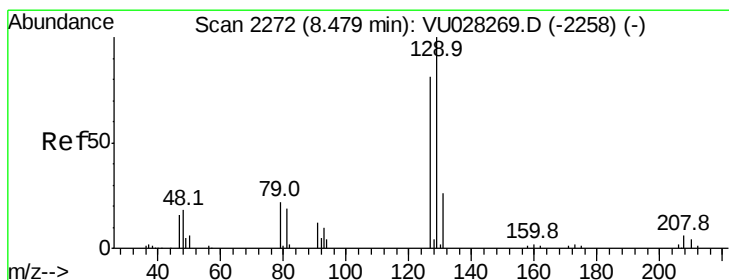
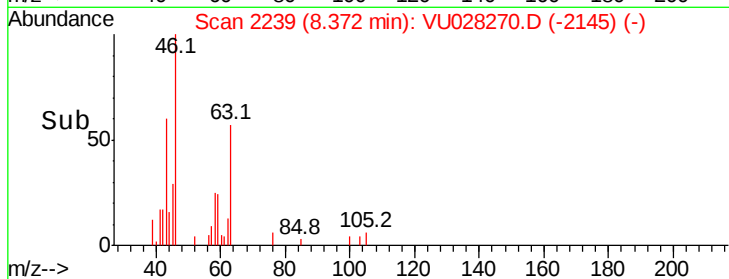
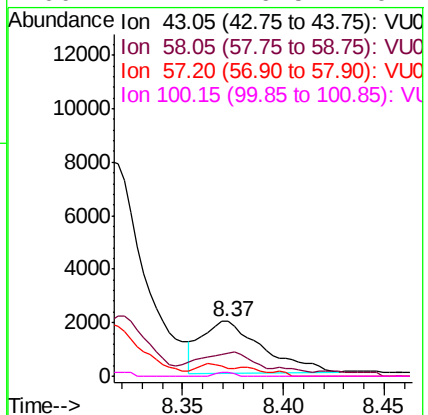
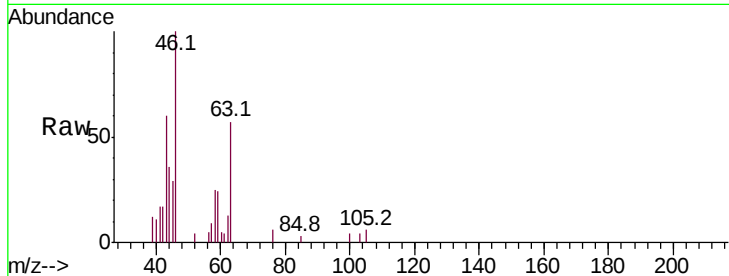




#48
2-Hexanone
Concen: 0.652 ug/L
RT: 8.37 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VU028270.D
Acq: 20 Nov 2018 11:56

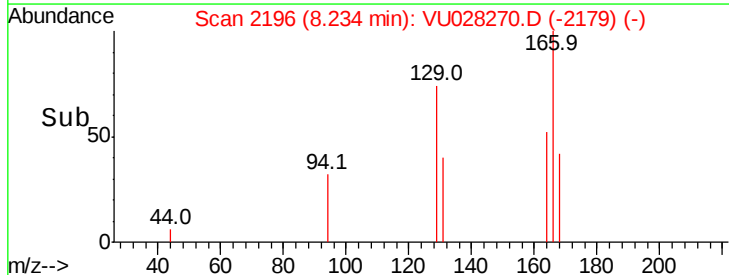
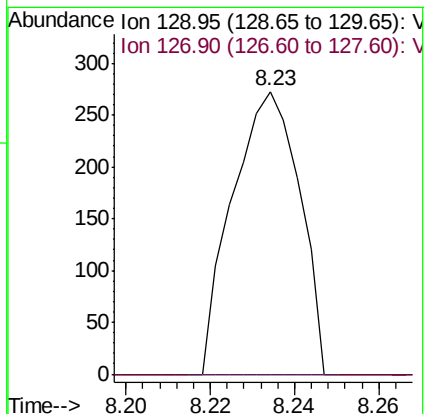
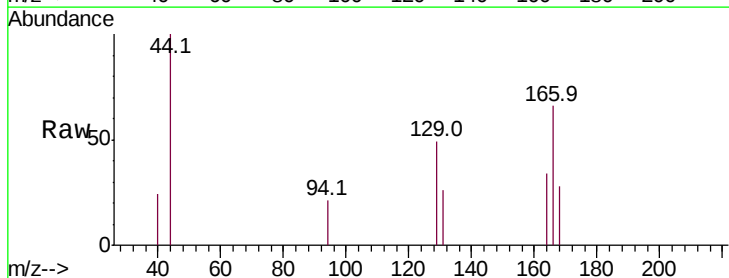
Instrument :
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ClientSampleId :

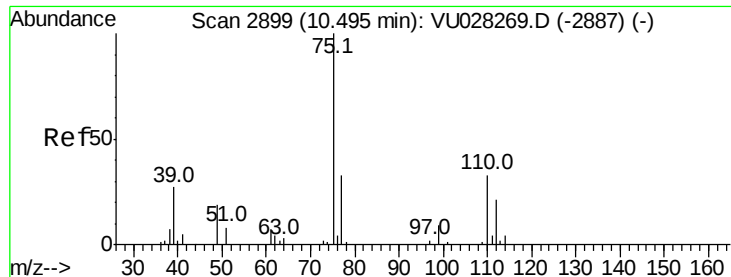
Tot Ion: 43 Resp: 4061
Ion Ratio Lower Upper
43 100
58 27.4 41.1 61.7#
57 3.2 13.8 20.8#
100 2.4 6.5 9.7#



#49
Dibromochloromethane
Concen: 0.040 ug/L
RT: 8.23 min Scan# 2196
Delta R.T. -0.24 min
Lab File: VU028270.D
Acq: 20 Nov 2018 11:56

Tgt Ion: 129 Resp: 300
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.5#





#59

1,2,3-Trichloropropane

Concen: 1.140 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU028270.D

Acq: 20 Nov 2018 11:56

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 8052

Ion Ratio Lower Upper

75 100

77 36.4 25.7 38.5

