

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111618\
 Data File : VU028184.D
 Acq On : 16 Nov 2018 15:20
 Operator : MD/SY
 Sample : VU1116WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 17 00:02:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 16 23:59:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	183088	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	180030	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	78628	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	67621	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.68	69	54829	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.28	63	96875	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	4.22	46	219826	49.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.78%
24) Chloroform-d	4.65	84	113924	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.31	65	67037	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.34	84	231702	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.33	67	84860	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.57	98	201325	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	7.85	79	26346	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	8.32	63	170312	45.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	60267	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	69691	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

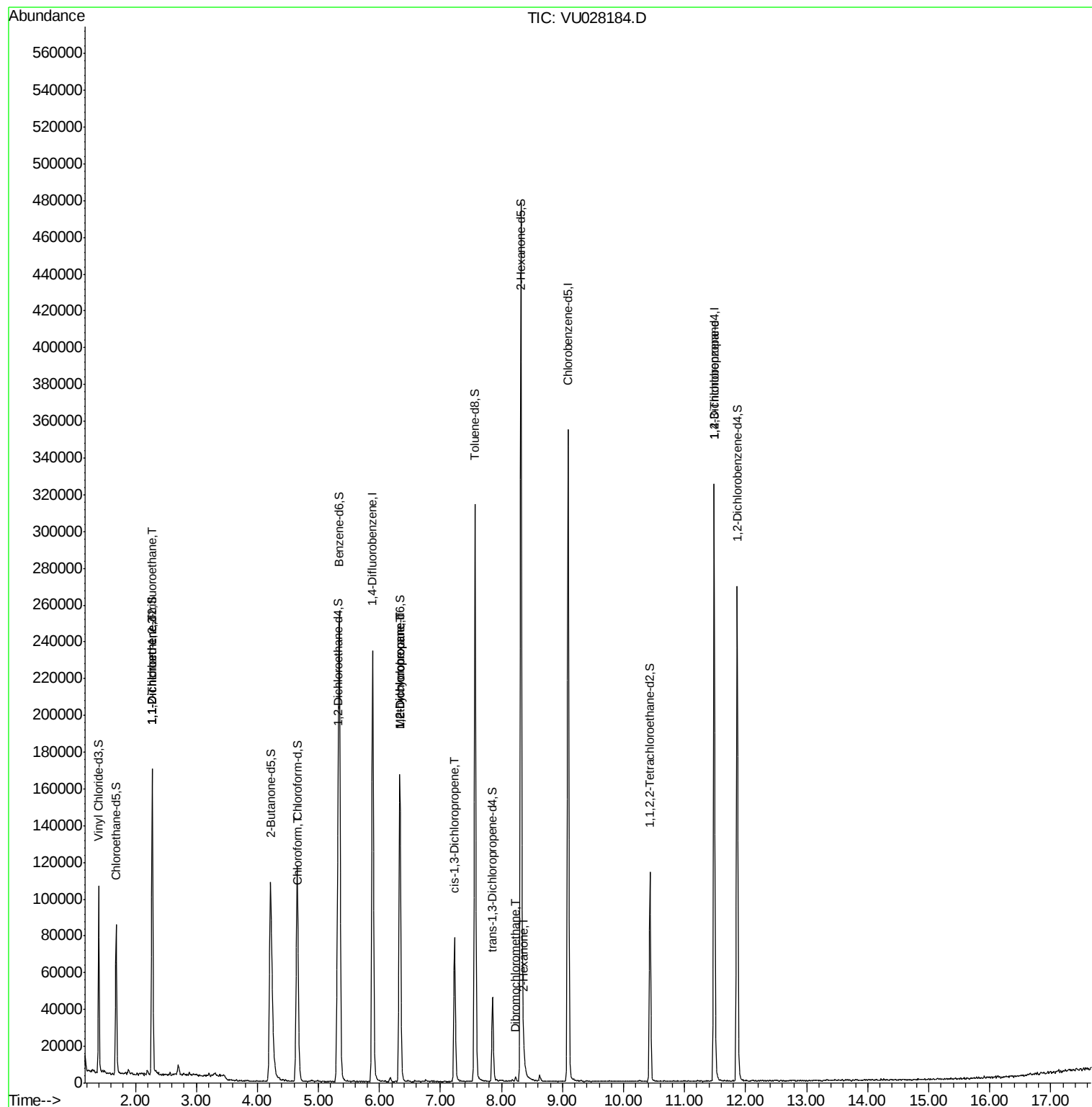
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	876	0.073 ug/L #	20
12) 1,1-Dichloroethene	2.28	96	770	0.063 ug/L #	1
25) Chloroform	4.67	83	6274	0.257 ug/L	96
35) Methylcyclohexane	6.33	83	17897	0.695 ug/L #	16
37) 1,2-Dichloropropane	6.33	63	9016	0.538 ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1633	0.072 ug/L #	1
48) 2-Hexanone	8.37	43	3137	0.382 ug/L #	76
49) Dibromochloromethane	8.23	129	467	0.043 ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	11339	1.204 ug/L	93

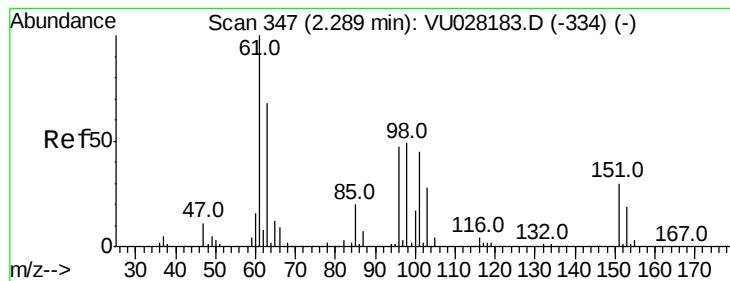
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 16 Nov 2018 15:20
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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 17 00:02:05 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 16 23:59:22 2018
Response via : Initial Calibration





#10

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

Concen: 0.073 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.02 min

Lab File: VU028184.D

Acq: 16 Nov 2018 15:20

Instrument :

MSVOA_U

ClientSampled :

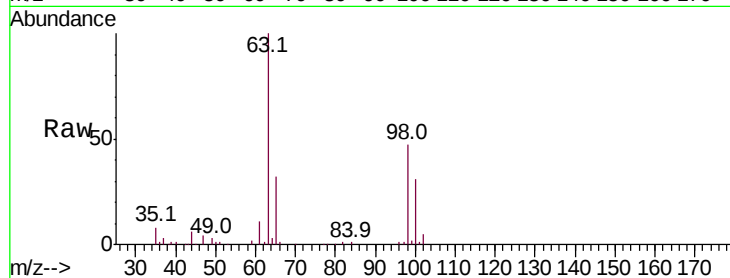
Tot Ion:101 Resp: 876

Ion Ratio Lower Upper

101 100

85 0.0 37.6 56.4#

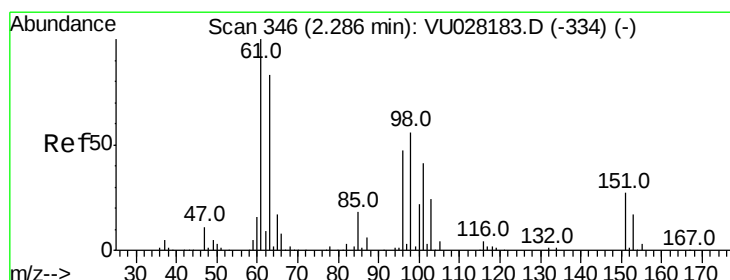
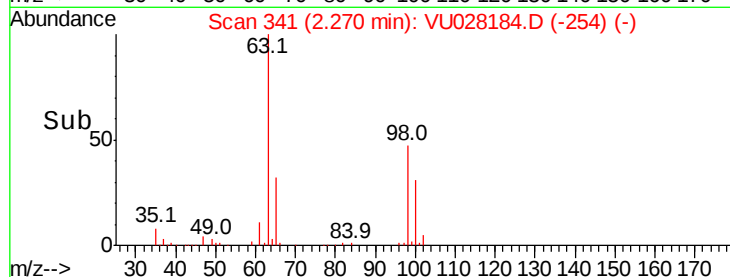
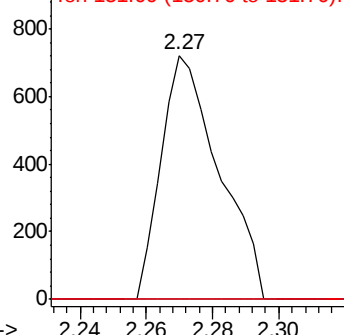
151 0.0 58.2 87.2#



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: 0.063 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU028184.D

Acq: 16 Nov 2018 15:20

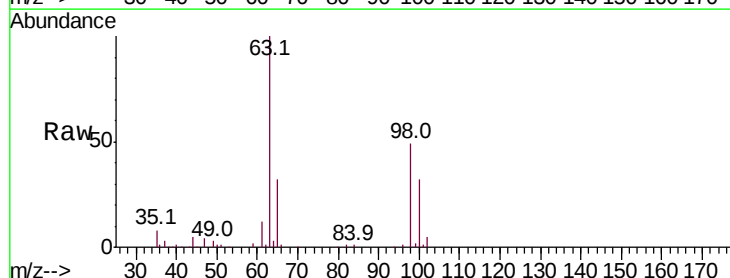
Tgt Ion: 96 Resp: 770

Ion Ratio Lower Upper

96 100

61 1427.0 134.8 250.3#

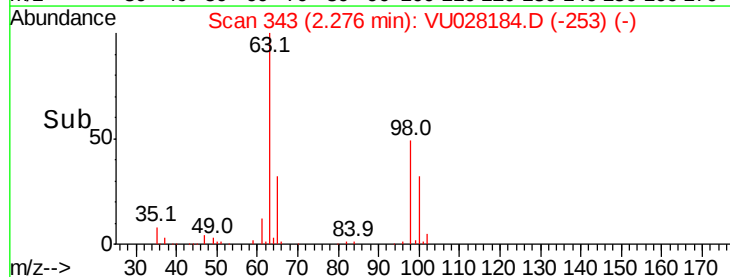
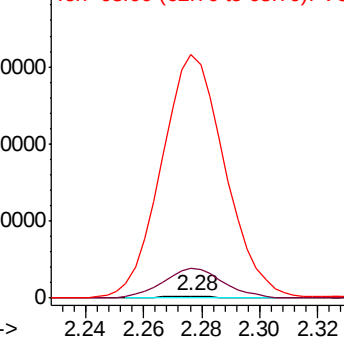
63 11674.7 100.1 185.9#

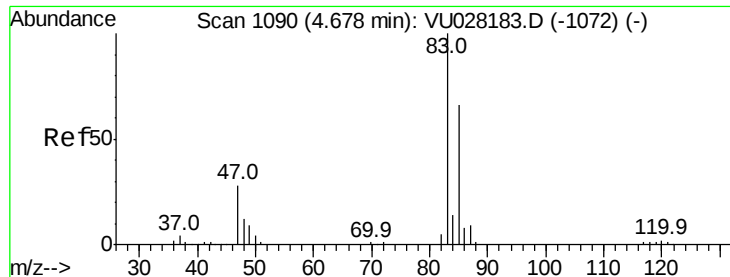


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

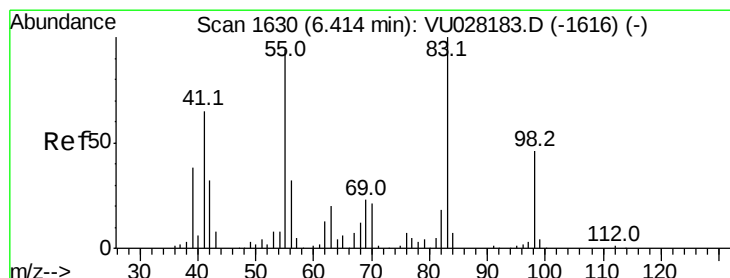
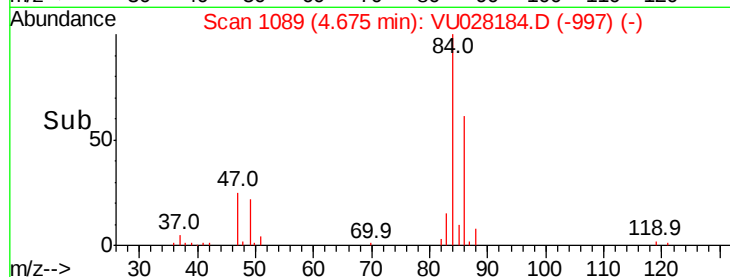
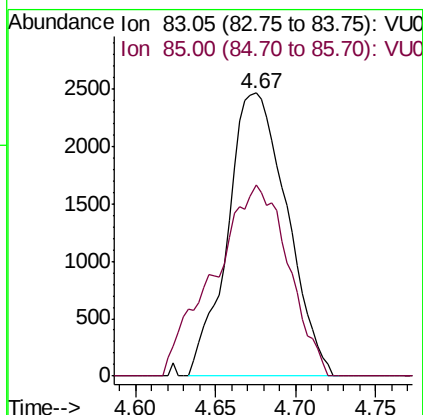
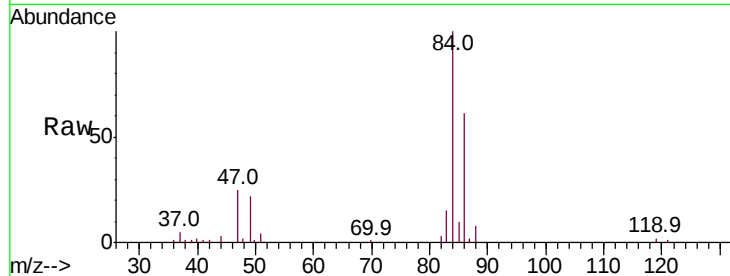




#25
Chloroform
Concen: 0.257 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU028184.D
Acq: 16 Nov 2018 15:20

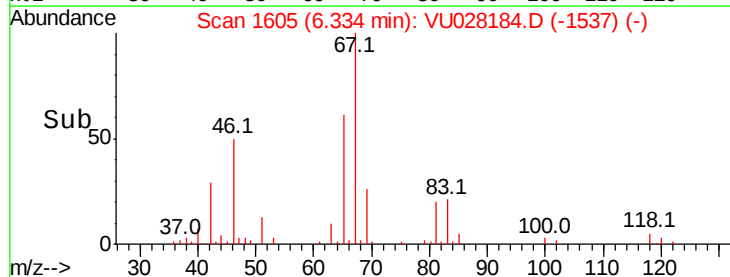
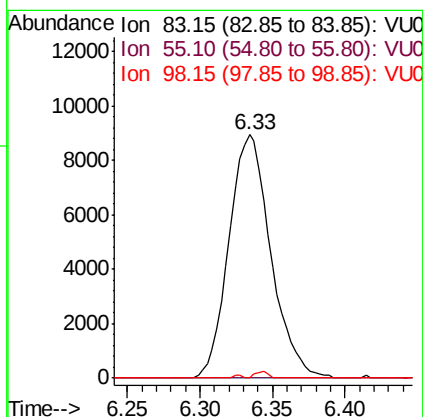
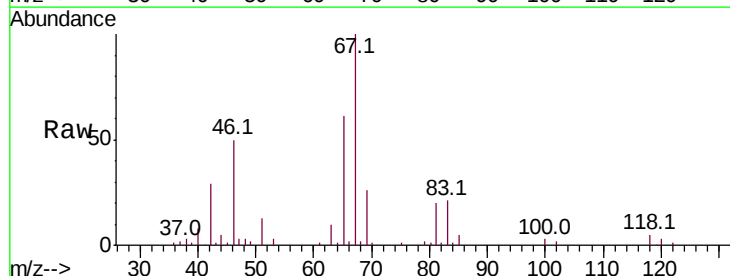
Instrument :
MSVOA_U
ClientSampled :

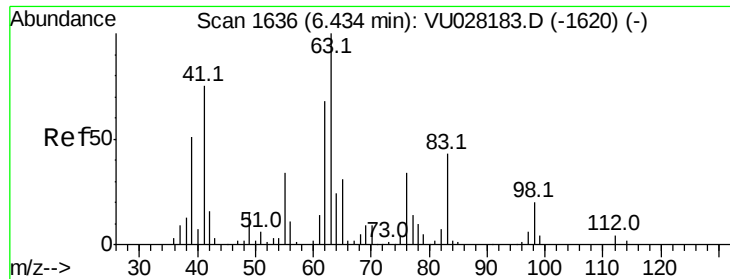
Tot Ion: 83 Resp: 6274
Ion Ratio Lower Upper
83 100
85 67.7 45.0 83.6



#35
Methylcyclohexane
Concen: 0.695 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028184.D
Acq: 16 Nov 2018 15:20

Tgt Ion: 83 Resp: 17897
Ion Ratio Lower Upper
83 100
55 0.0 69.0 103.4#
98 0.8 33.3 49.9#

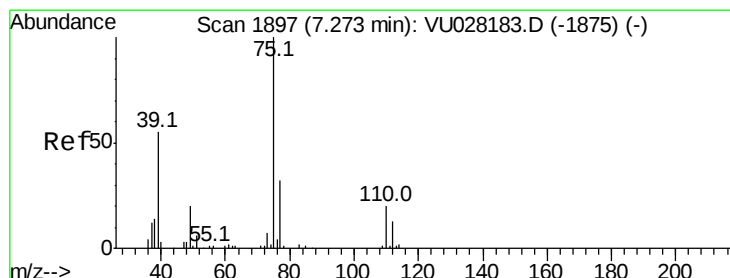
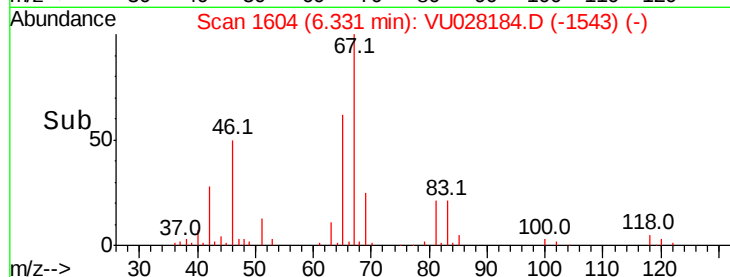
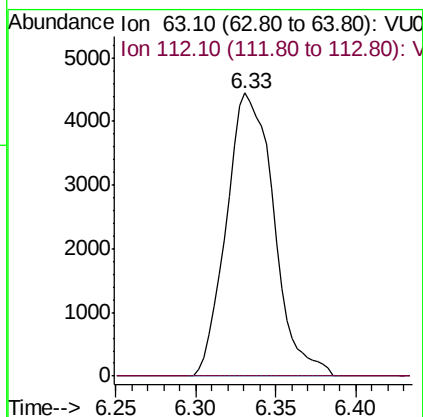
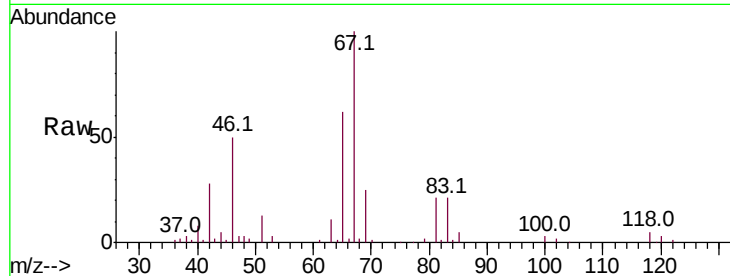




#37
 1,2-Dichloropropane
 Concen: 0.538 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU028184.D
 Acq: 16 Nov 2018 15:20

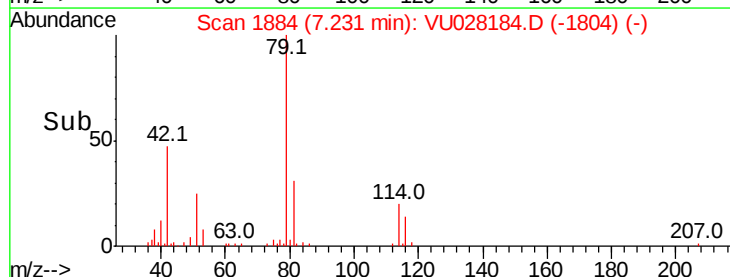
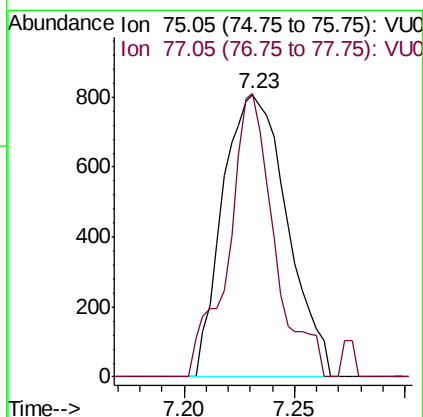
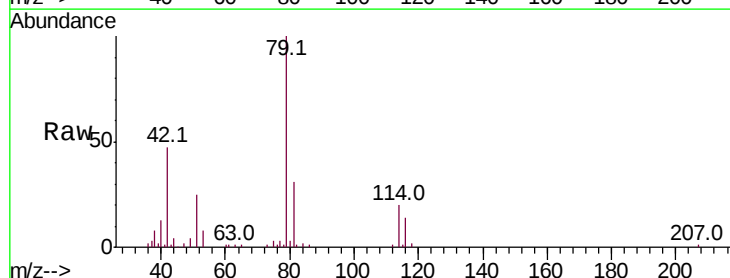
Instrument :
 MSVOA_U
 ClientSampleId :

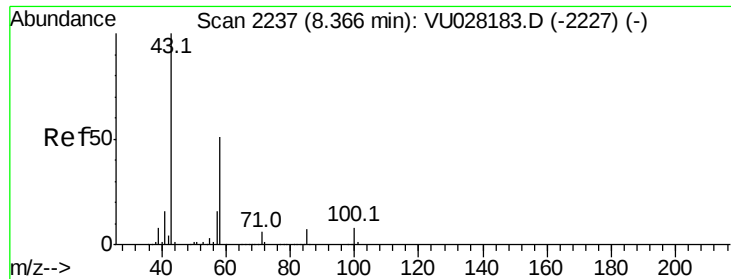
Tot Ion: 63 Resp: 9016
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.2 3.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.072 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU028184.D
 Acq: 16 Nov 2018 15:20

Tgt Ion: 75 Resp: 1633
 Ion Ratio Lower Upper
 75 100
 77 100.1 20.9 38.9#

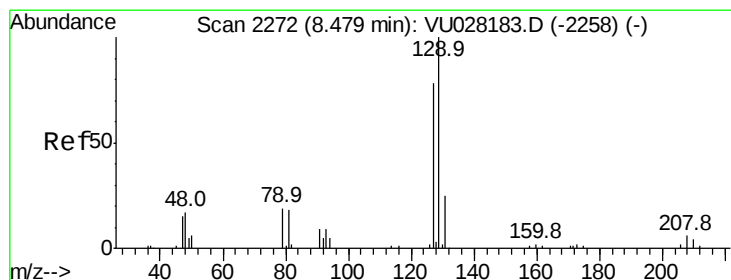
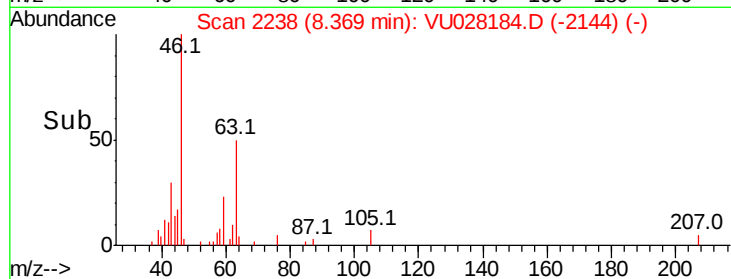
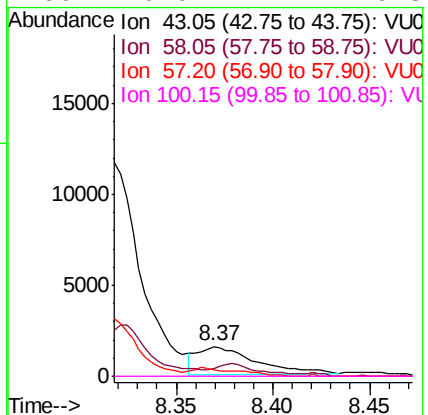
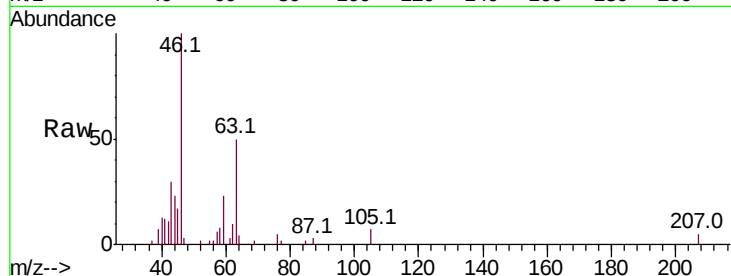




#48
2-Hexanone
Concen: 0.382 ug/L
RT: 8.37 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VU028184.D
Acq: 16 Nov 2018 15:20

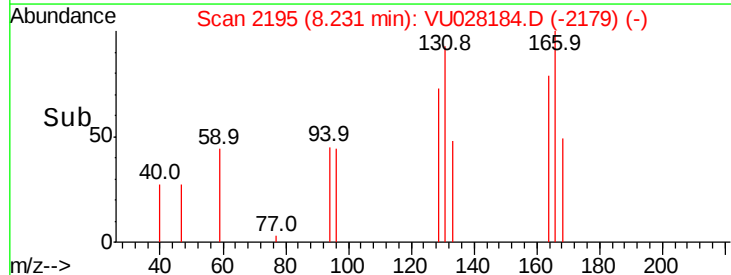
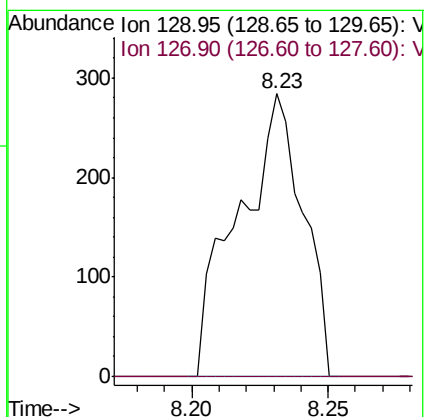
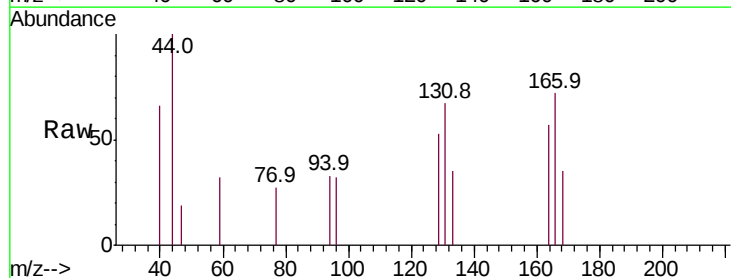
Instrument :
MSVOA_U
ClientSampled :

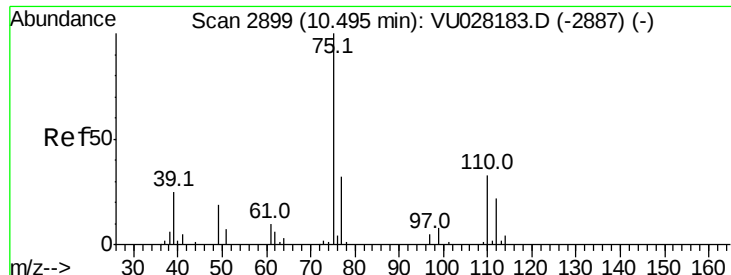
Tot Ion: 43 Resp: 3137
Ion Ratio Lower Upper
43 100
58 33.6 41.7 62.5#
57 25.0 14.0 21.0#
100 0.0 7.2 10.8#



#49
Dibromochloromethane
Concen: 0.043 ug/L
RT: 8.23 min Scan# 2195
Delta R.T. -0.25 min
Lab File: VU028184.D
Acq: 16 Nov 2018 15:20

Tgt Ion: 129 Resp: 467
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#





#59

1,2,3-Trichloropropane

Concen: 1.204 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU028184.D

Acq: 16 Nov 2018 15:20

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 11339

Ion Ratio Lower Upper

75 100

77 35.8 25.4 38.0

