

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111618\
 Data File : VU028205.D
 Acq On : 17 Nov 2018 00:31
 Operator : MD/SY
 Sample : VU1116WBL02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 17 03:50:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 17 03:46:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	164457	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	158335	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	68783	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60467	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.68	69	49314	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.28	63	88074	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.20	46	205105	51.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.64%
24) Chloroform-d	4.65	84	103188	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.31	65	62919	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.34	84	215391	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.33	67	79187	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.57	98	182744	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	7.85	79	22817	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.31	63	155159	46.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	55223	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	62031	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

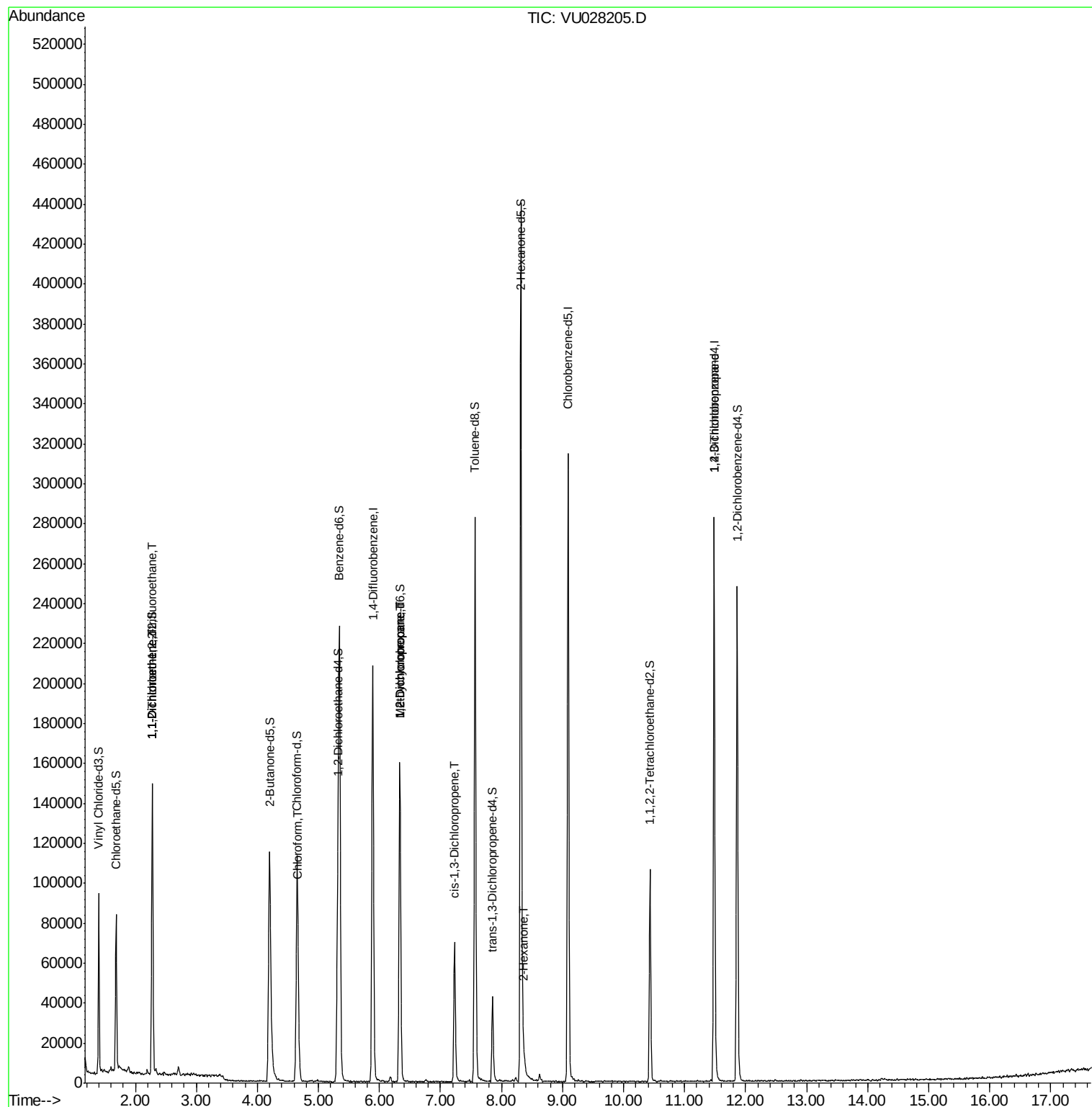
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	543	0.050	ug/L #	20
12) 1,1-Dichloroethene	2.28	96	668	0.061	ug/L #	1
25) Chloroform	4.67	83	7055	0.322	ug/L	90
35) Methylcyclohexane	6.33	83	15765	0.696	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	8045	0.545	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1698	0.085	ug/L #	53
48) 2-Hexanone	8.36	43	3656	0.506	ug/L #	75
59) 1,2,3-Trichloropropane	11.48	75	10435	1.259	ug/L #	87

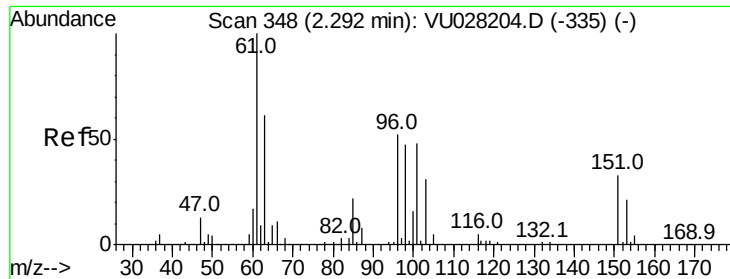
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 17 03:50:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 03:46:40 2018
Response via : Initial Calibration





#10

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

Concen: 0.050 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.02 min

Lab File: VU028205.D

Acq: 17 Nov 2018 00:31

Instrument :

MSVOA_U

ClientSampled :

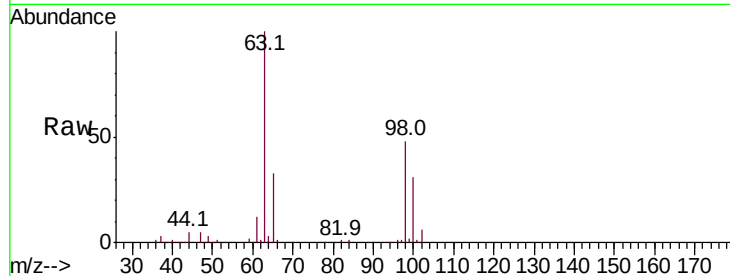
Tot Ion:101 Resp: 543

Ion Ratio Lower Upper

101 100

85 0.0 37.6 56.4#

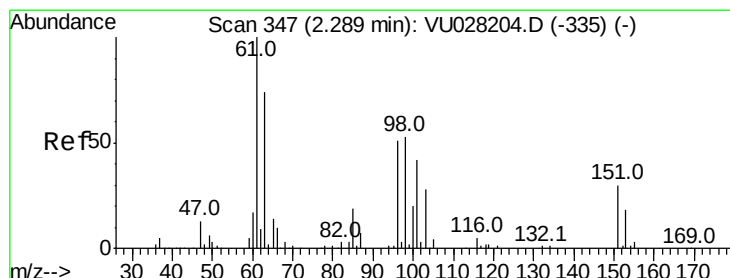
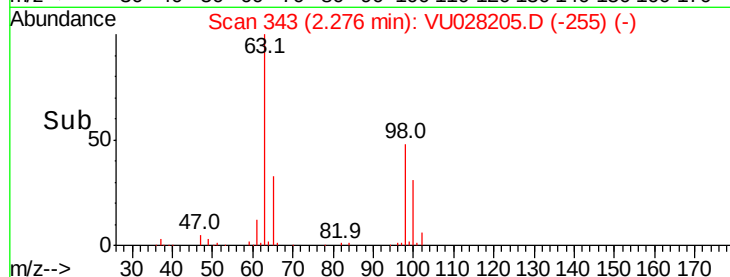
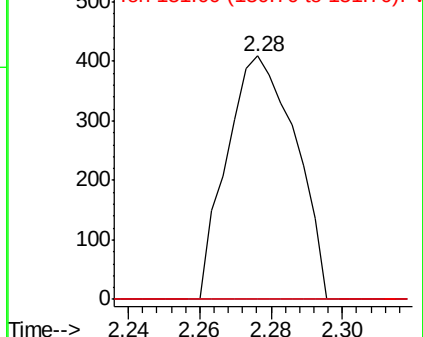
151 0.0 58.2 87.2#



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: 0.061 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU028205.D

Acq: 17 Nov 2018 00:31

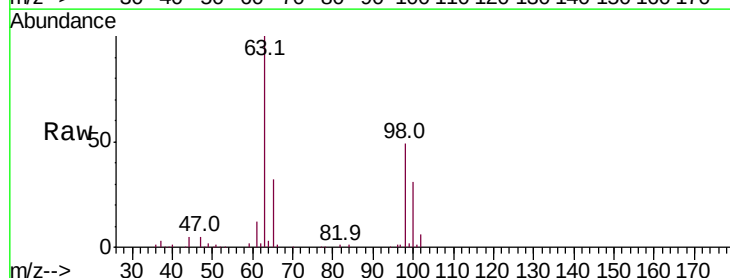
Tgt Ion: 96 Resp: 668

Ion Ratio Lower Upper

96 100

61 1374.8 134.8 250.3#

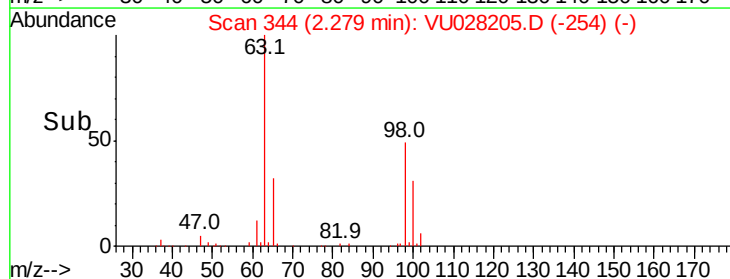
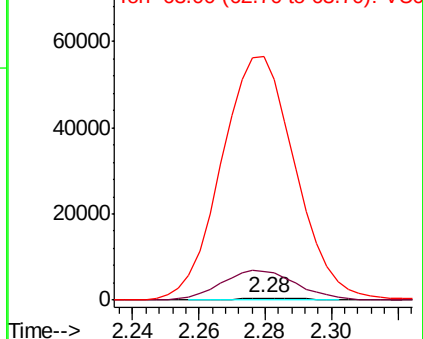
63 11487.8 100.1 185.9#

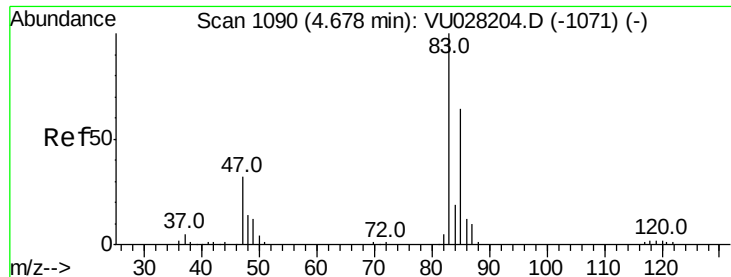


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

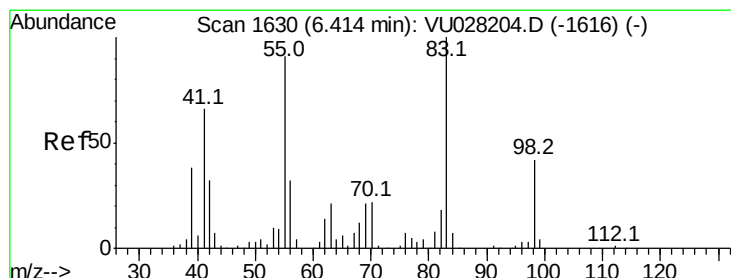
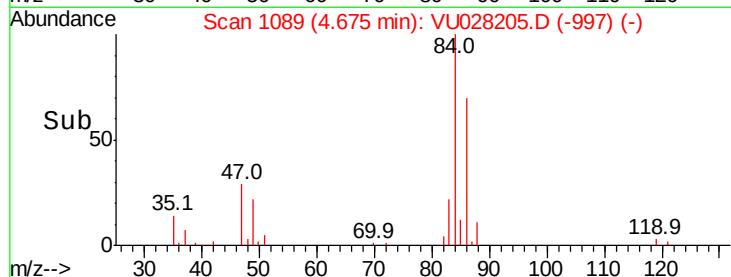
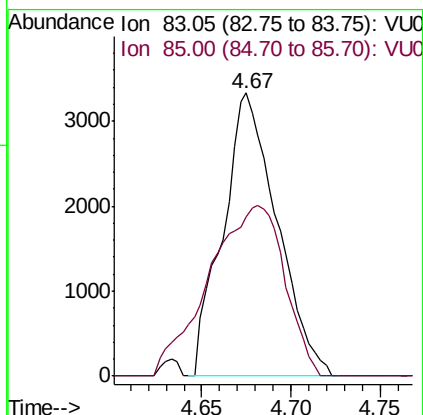
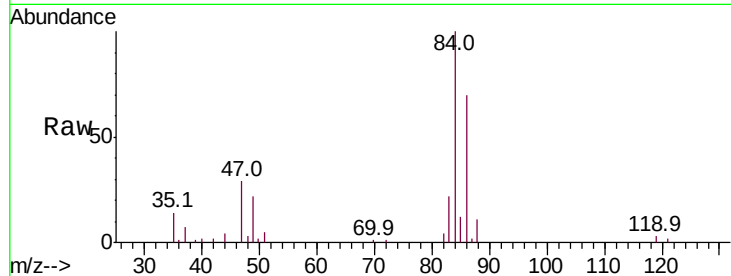




#25
Chloroform
Concen: 0.322 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU028205.D
Acq: 17 Nov 2018 00:31

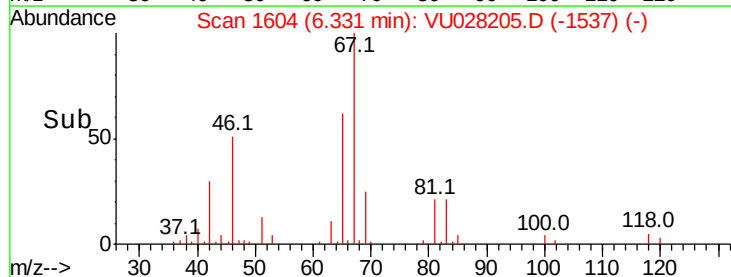
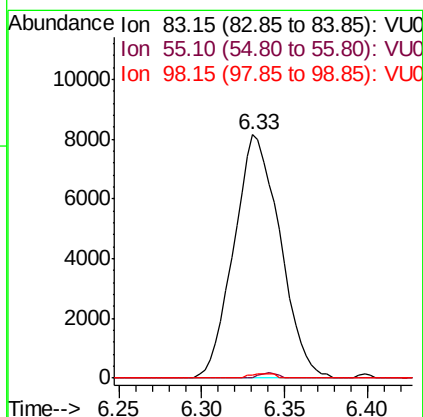
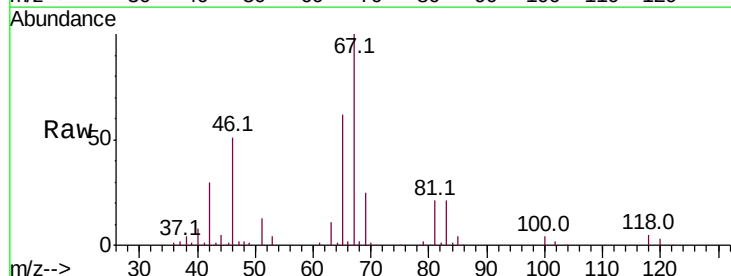
Instrument :
MSVOA_U
ClientSampleId :

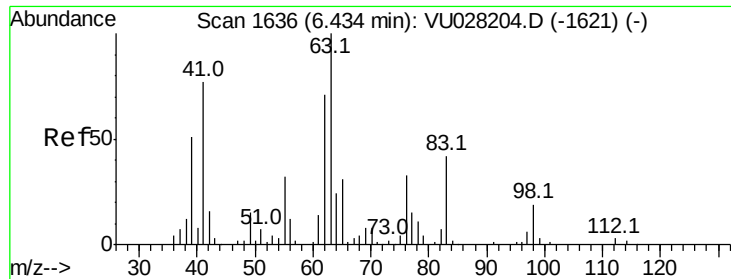
Tot Ion: 83 Resp: 7055
Ion Ratio Lower Upper
83 100
85 56.4 45.0 83.6



#35
Methylcyclohexane
Concen: 0.696 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.08 min
Lab File: VU028205.D
Acq: 17 Nov 2018 00:31

Tgt Ion: 83 Resp: 15765
Ion Ratio Lower Upper
83 100
55 0.8 69.0 103.4#
98 1.0 33.3 49.9#

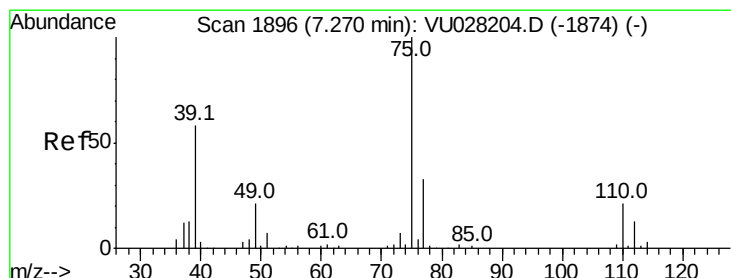
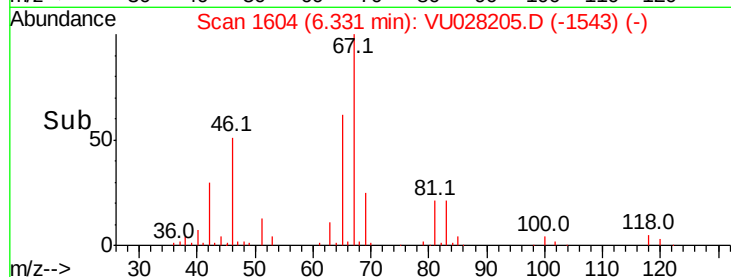
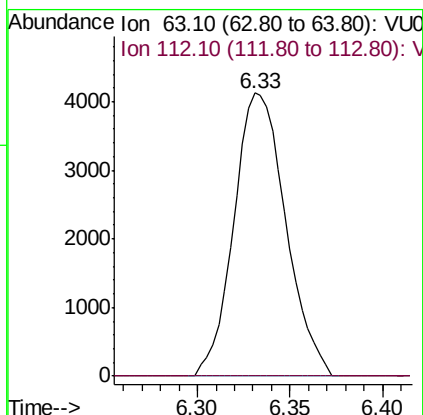
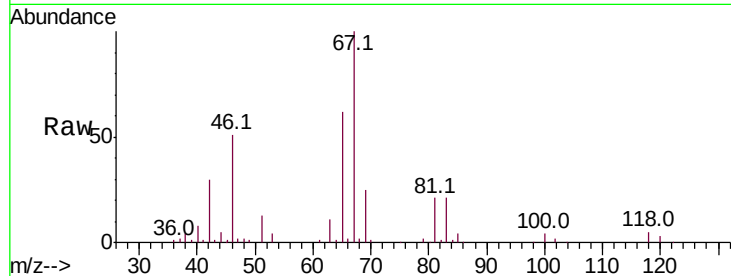




#37
 1,2-Dichloropropane
 Concen: 0.545 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU028205.D
 Acq: 17 Nov 2018 00:31

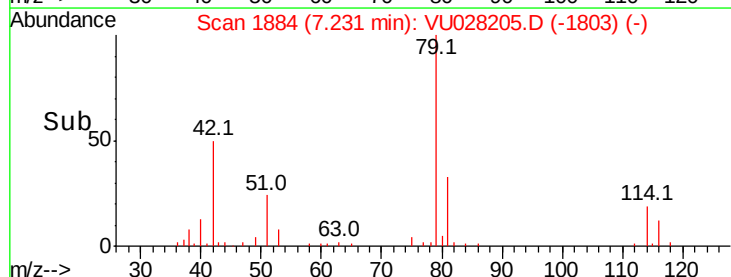
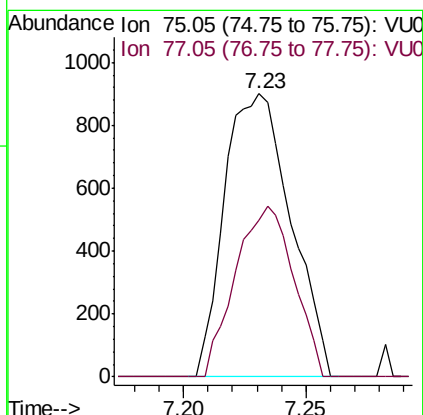
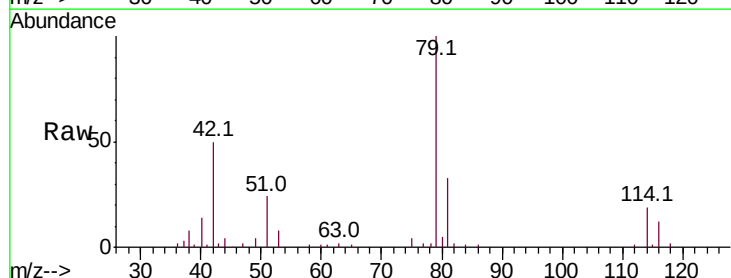
Instrument :
 MSVOA_U
 ClientSampleId :

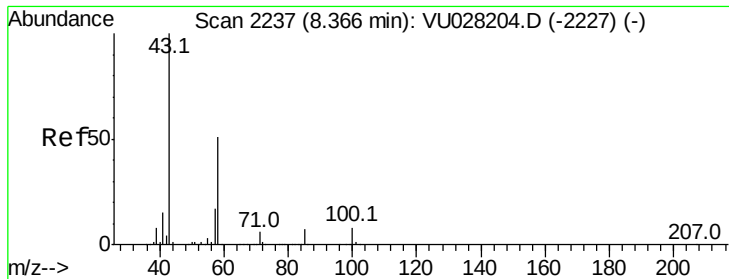
Tot Ion: 63 Resp: 8045
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.2 3.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.085 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU028205.D
 Acq: 17 Nov 2018 00:31

Tgt Ion: 75 Resp: 1698
 Ion Ratio Lower Upper
 75 100
 77 55.6 20.9 38.9#

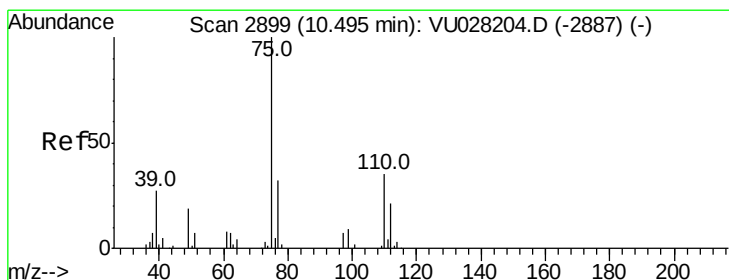
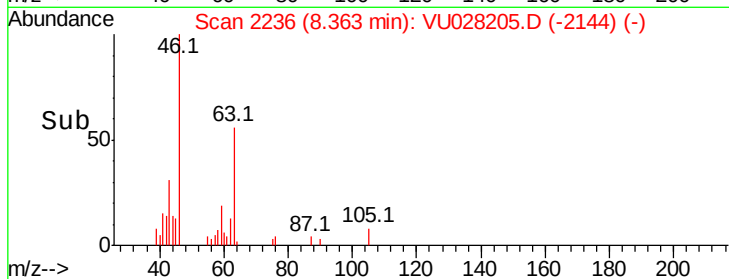
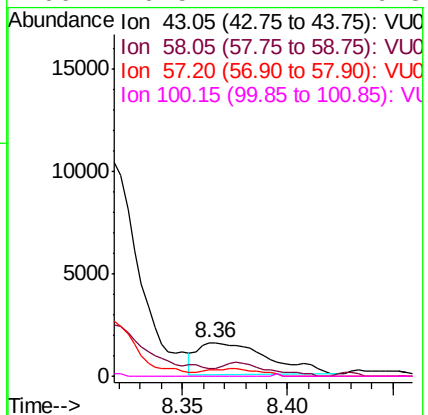
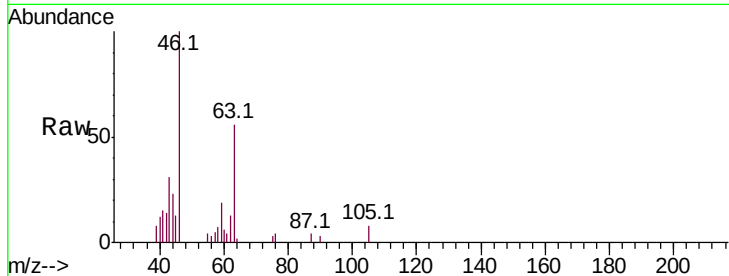




#48
2-Hexanone
Concen: 0.506 ug/L
RT: 8.36 min Scan# 2236
Delta R.T. -0.00 min
Lab File: VU028205.D
Acq: 17 Nov 2018 00:31

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 3656
Ion Ratio Lower Upper
43 100
58 28.9 41.7 62.5#
57 17.3 14.0 21.0
100 0.5 7.2 10.8#



#59
1,2,3-Trichloropropane
Concen: 1.259 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU028205.D
Acq: 17 Nov 2018 00:31

Tgt Ion: 75 Resp: 10435
Ion Ratio Lower Upper
75 100
77 38.9 25.4 38.0#

