

Data File : VU029284.D
Acq On : 25 Jan 2019 12:44
Operator : JC/SP
Sample : VU0125WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK47

Quant Time: Jan 28 02:23:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jan 28 02:17:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	68610	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	67903	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	31853	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	30701	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.68	69	22910	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.27	63	40457	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	4.22	46	71792	53.59	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.18%
24) Chloroform-d	4.64	84	49643	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.31	65	28698	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.34	84	95002	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.33	67	30260	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.56	98	85903	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	7.85	79	12848	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.31	63	64264	54.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	24839	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	33146	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

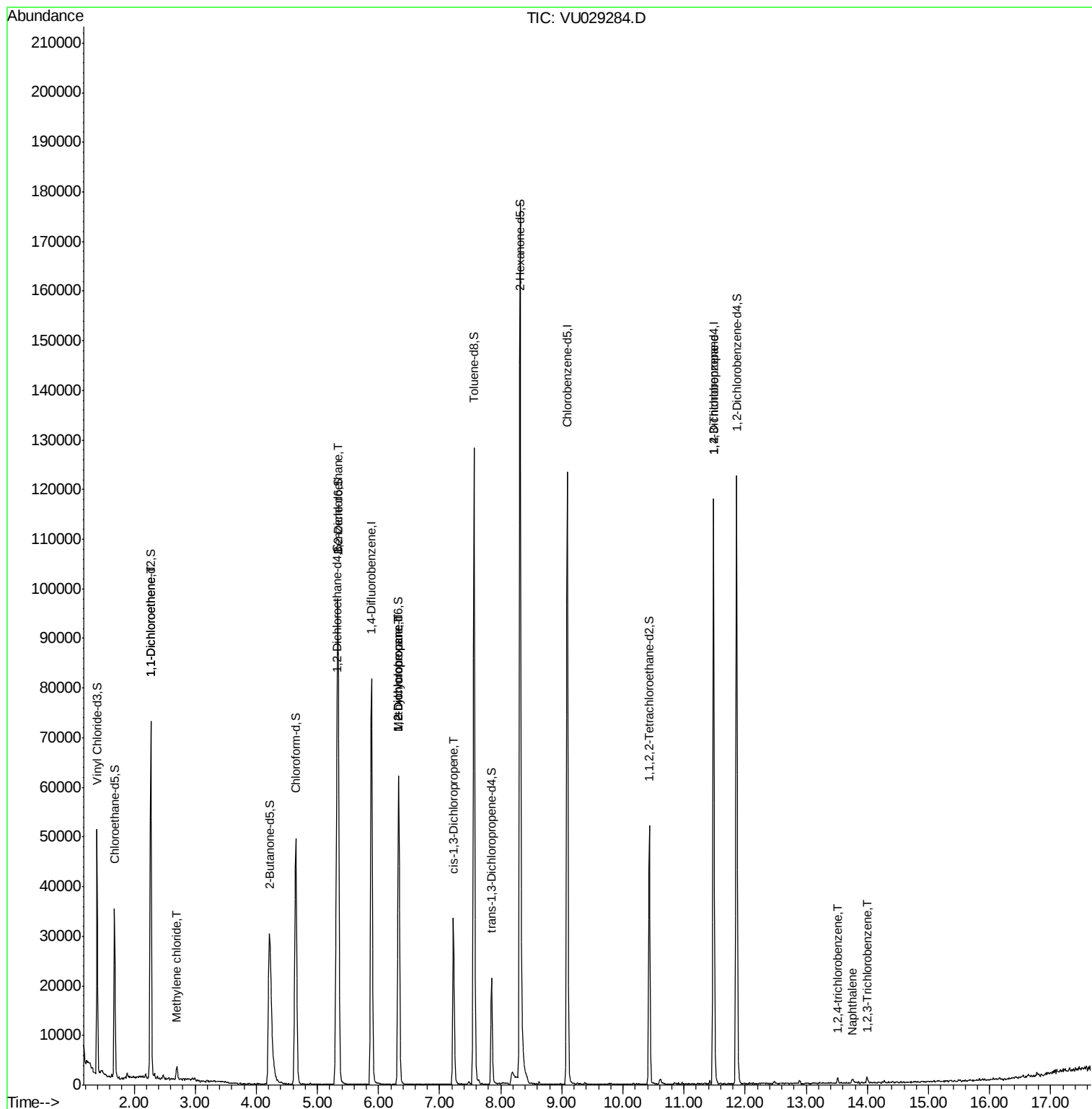
					Qvalue	
12) 1,1-Dichloroethene	2.27	96	402	0.077	ug/L #	1
16) Methylene chloride	2.70	84	1336	0.219	ug/L	79
27) 1,2-Dichloroethane	5.34	62	564	0.078	ug/L #	77
35) Methylcyclohexane	6.33	83	7584	0.846	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	3112	0.557	ug/L #	85
39) cis-1,3-Dichloropropene	7.22	75	769	0.096	ug/L #	60
59) 1,2,3-Trichloropropane	11.48	75	3928	1.020	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	705	0.094	ug/L #	87
69) Naphthalene	13.75	128	1329	0.111	ug/L #	69
70) 1,2,3-Trichlorobenzene	13.99	180	763	0.109	ug/L #	92

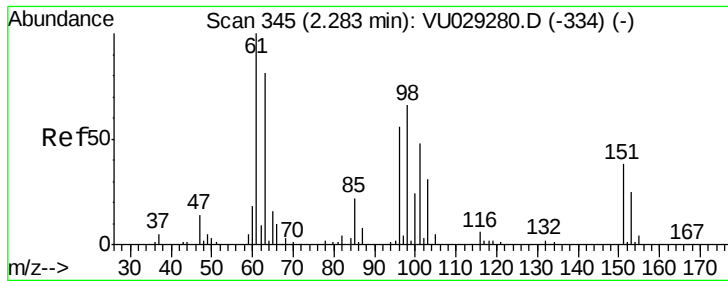
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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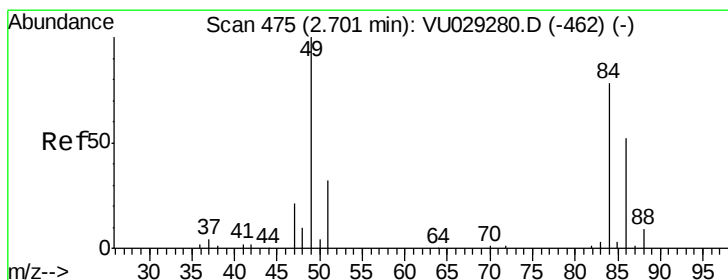
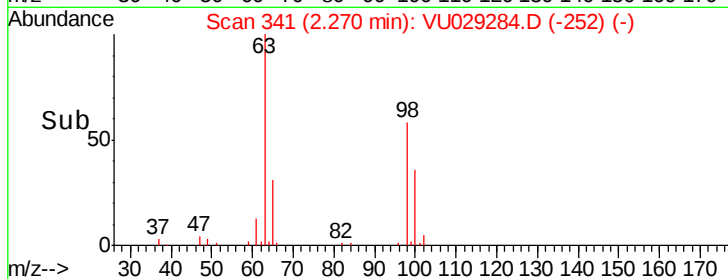
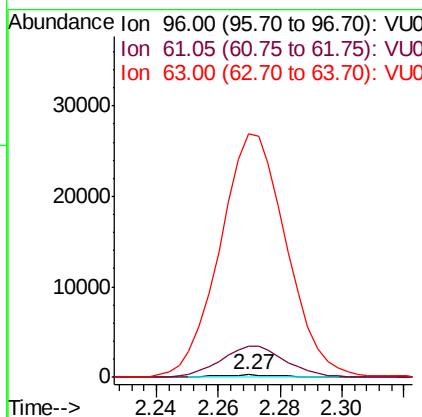
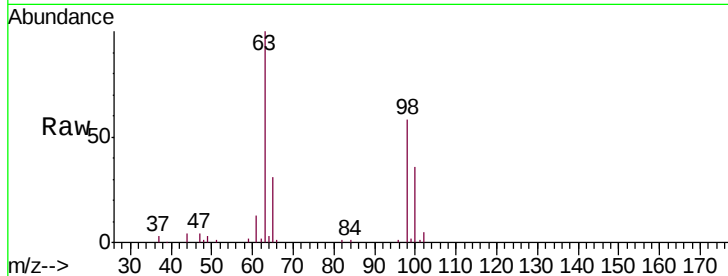




#12
 1,1-Dichloroethene
 Concen: 0.077 ug/L
 RT: 2.27 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VU029284.D
 Acq: 25 Jan 2019 12:44

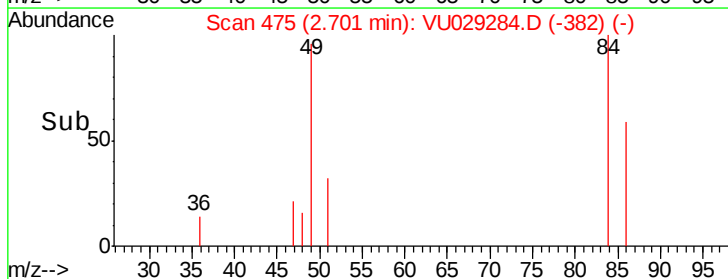
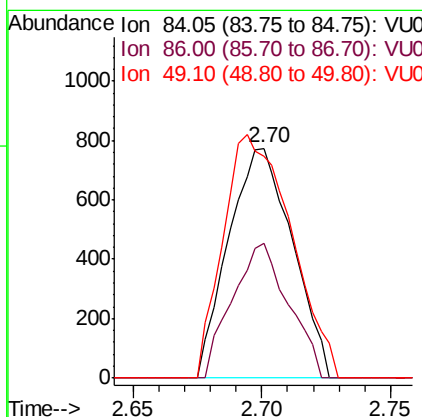
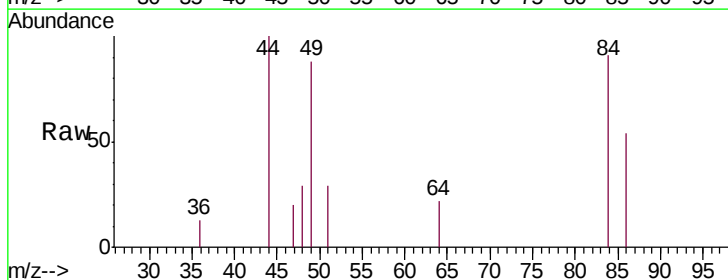
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK47

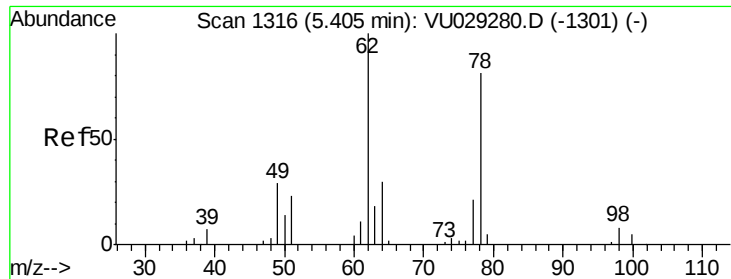
Tgt Ion: 96 Resp: 402
 Ion Ratio Lower Upper
 96 100
 61 1308.7 125.4 233.0#
 63 10190.9 105.8 196.4#



#16
 Methylene chloride
 Concen: 0.219 ug/L
 RT: 2.70 min Scan# 475
 Delta R.T. -0.00 min
 Lab File: VU029284.D
 Acq: 25 Jan 2019 12:44

Tgt Ion: 84 Resp: 1336
 Ion Ratio Lower Upper
 84 100
 86 58.5 46.1 85.7
 49 96.4 89.3 165.9

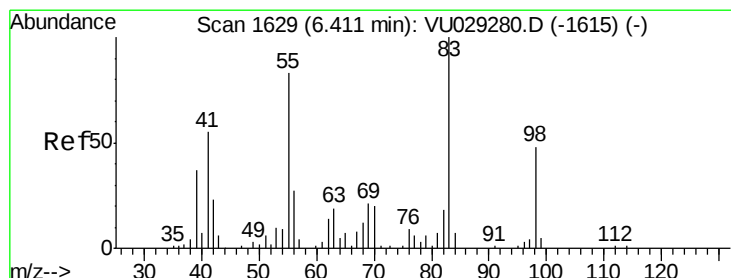
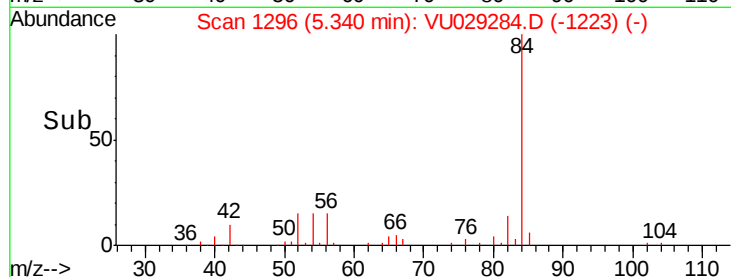
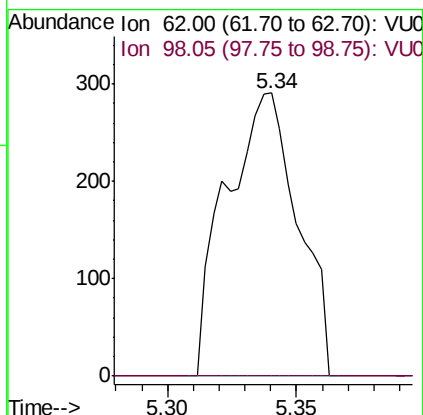
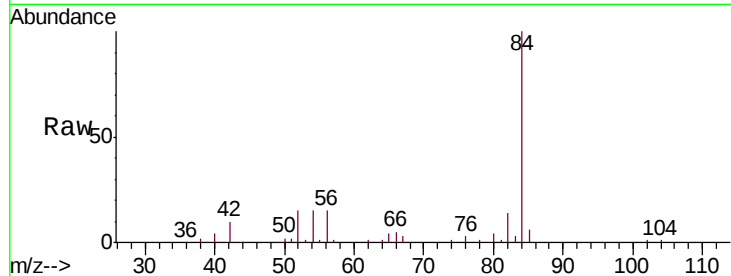




#27
 1,2-Dichloroethane
 Concen: 0.078 ug/L
 RT: 5.34 min Scan# 1296
 Delta R.T. -0.06 min
 Lab File: VU029284.D
 Acq: 25 Jan 2019 12:44

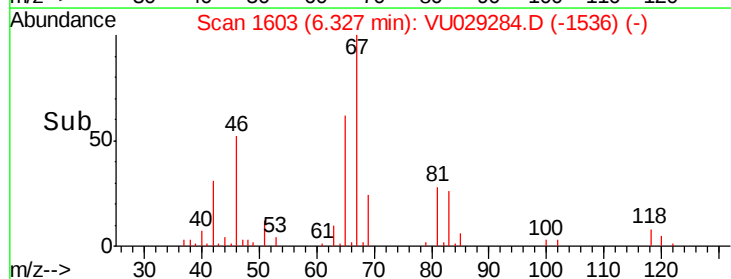
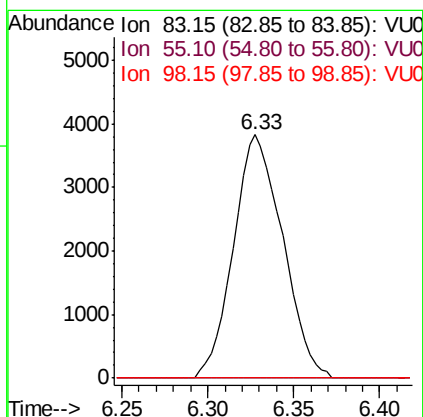
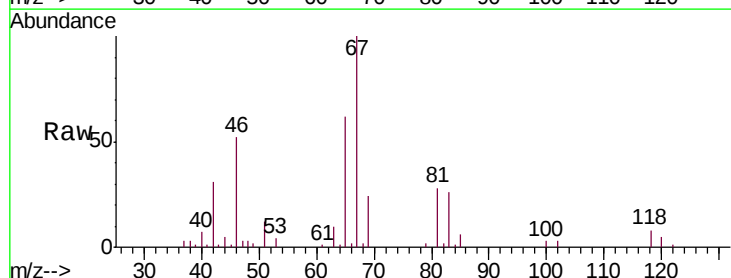
Instrument :
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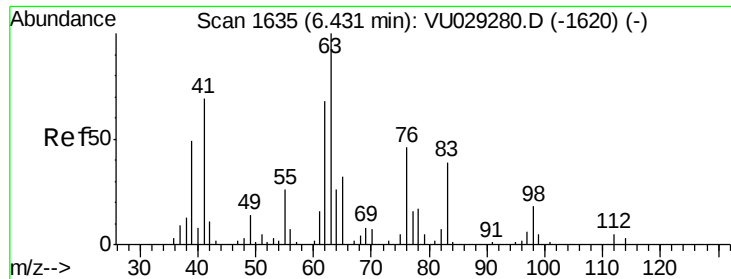
Tgt Ion: 62 Resp: 564
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#35
 Methylcyclohexane
 Concen: 0.846 ug/L
 RT: 6.33 min Scan# 1603
 Delta R.T. -0.08 min
 Lab File: VU029284.D
 Acq: 25 Jan 2019 12:44

Tgt Ion: 83 Resp: 7584
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.3 99.5#
 98 0.0 37.9 56.9#

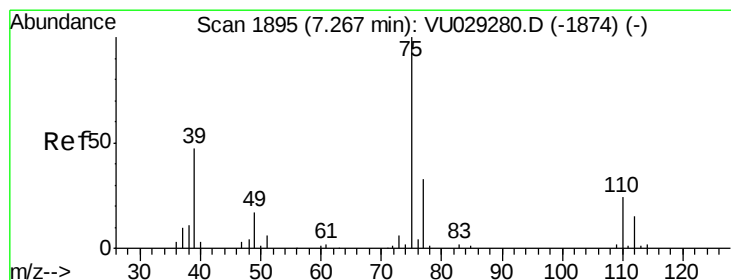
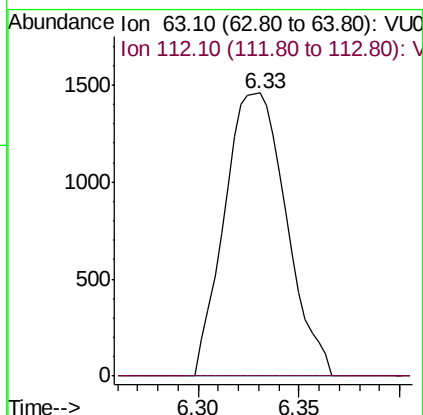
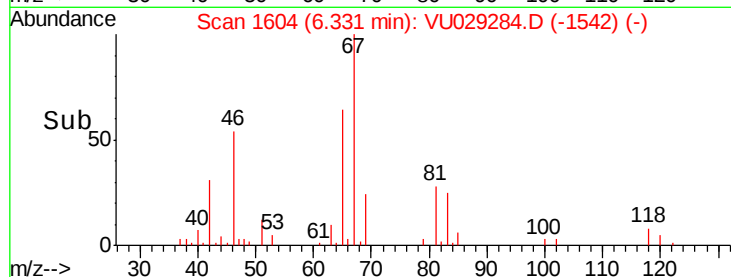
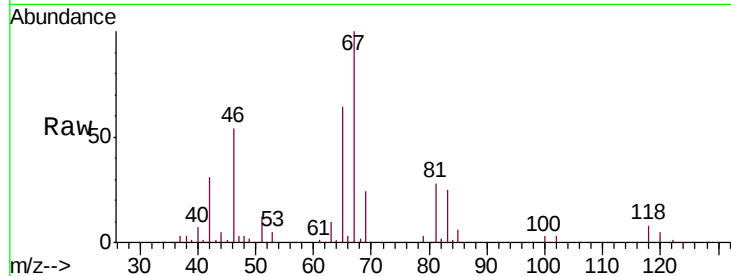




#37
 1,2-Dichloropropane
 Concen: 0.557 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU029284.D
 Acq: 25 Jan 2019 12:44

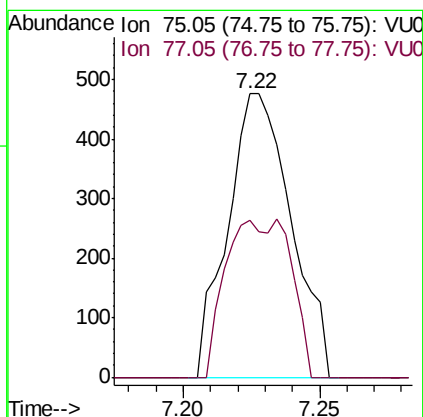
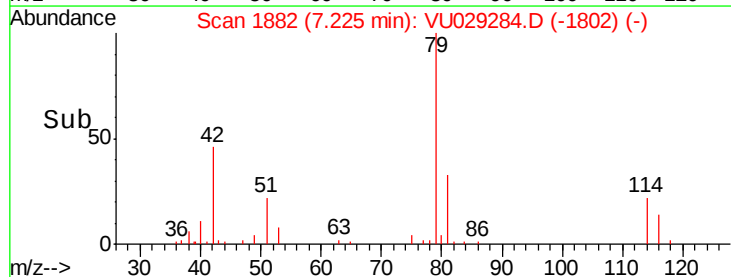
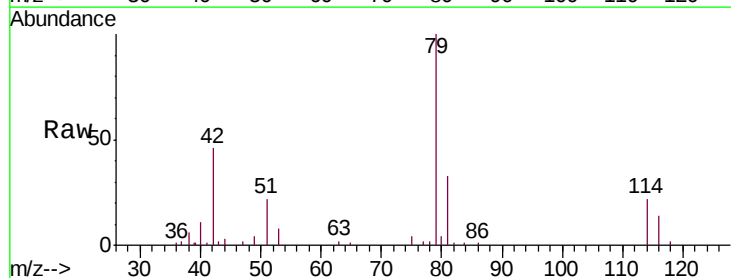
Instrument :
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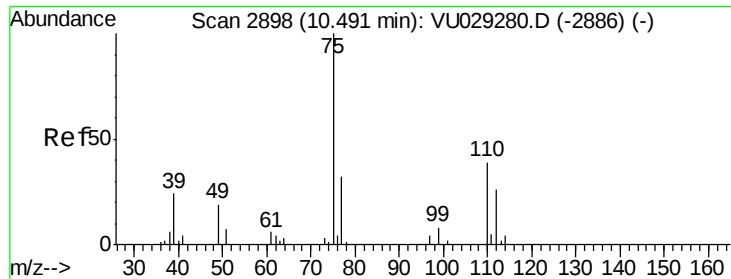
Tgt Ion: 63 Resp: 3112
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.04 min
 Lab File: VU029284.D
 Acq: 25 Jan 2019 12:44

Tgt Ion: 75 Resp: 769
 Ion Ratio Lower Upper
 75 100
 77 55.5 23.2 43.0#

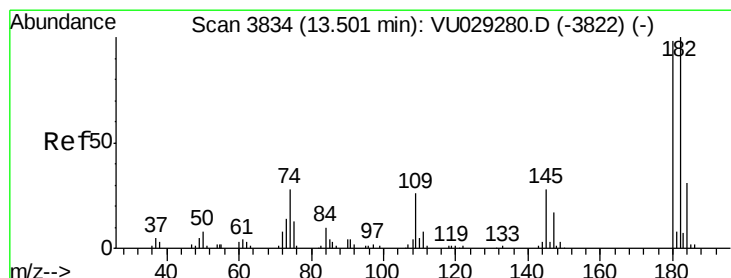
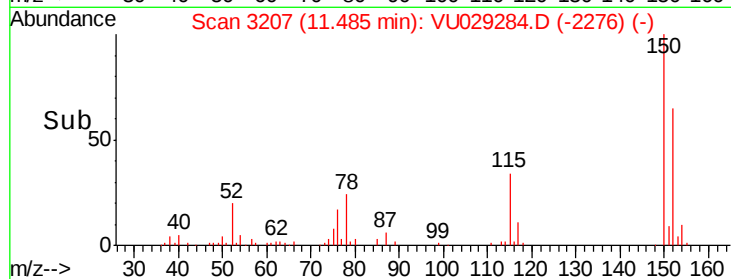
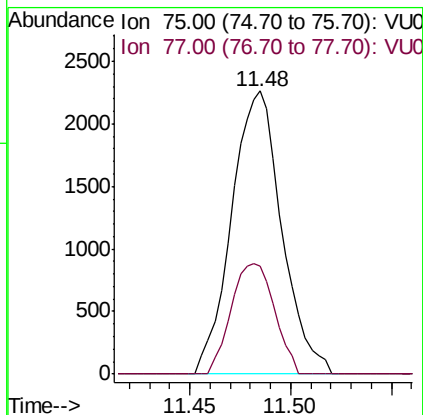
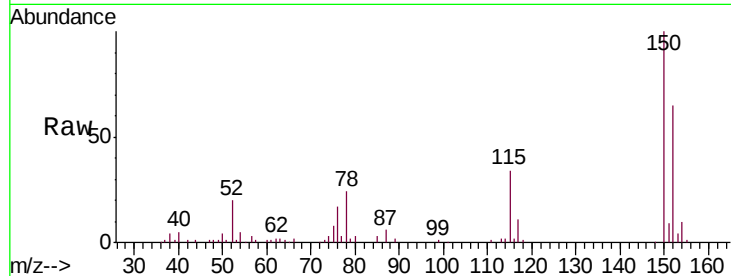




#59
 1,2,3-Trichloropropane
 Concen: 1.020 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU029284.D
 Acq: 25 Jan 2019 12:44

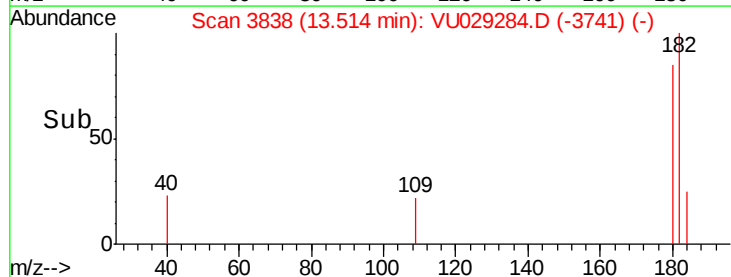
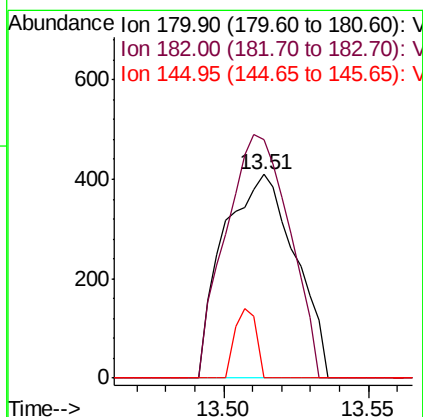
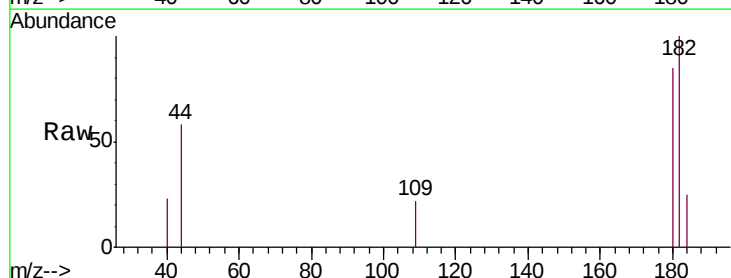
Instrument :
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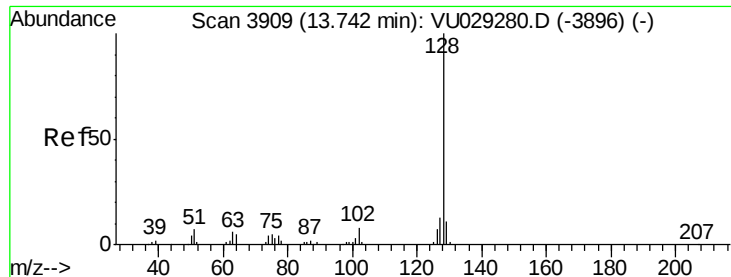
Tgt Ion: 75 Resp: 3928
 Ion Ratio Lower Upper
 75 100
 77 34.0 26.2 39.4



#68
 1,2,4-trichlorobenzene
 Concen: 0.094 ug/L
 RT: 13.51 min Scan# 3838
 Delta R.T. 0.01 min
 Lab File: VU029284.D
 Acq: 25 Jan 2019 12:44

Tgt Ion: 180 Resp: 705
 Ion Ratio Lower Upper
 180 100
 182 106.0 79.8 119.6
 145 10.1 22.6 34.0#





#69

Naphthalene

Concen: 0.111 ug/L

RT: 13.75 min Scan# 3913

Delta R.T. 0.01 min

Lab File: VU029284.D

Acq: 25 Jan 2019 12:44

Instrument :

MSVOA_U

ClientSampleId :

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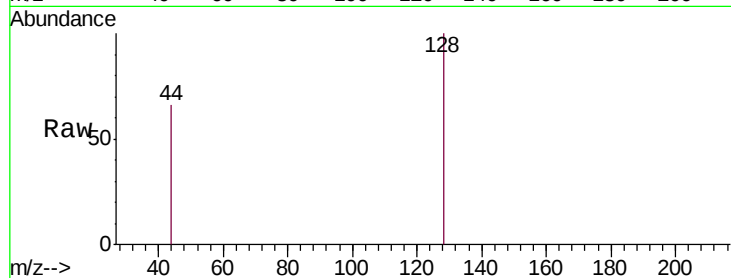
Tgt Ion:128 Resp: 1329

Ion Ratio Lower Upper

128 100

129 0.0 8.5 12.7#

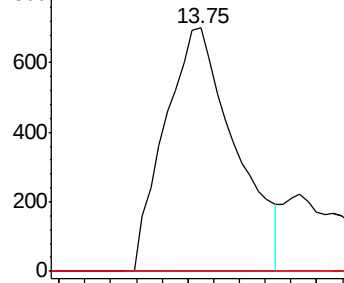
127 0.0 10.4 15.6#



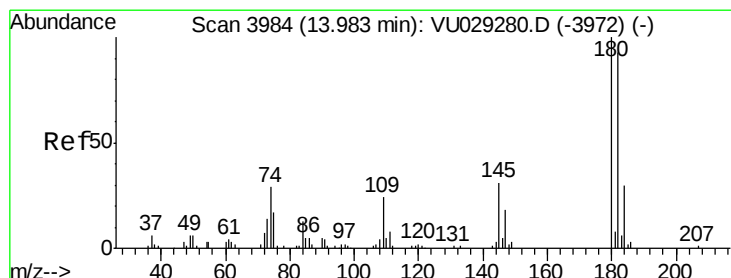
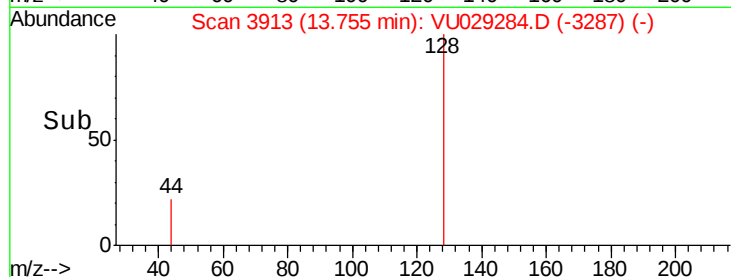
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



Time--> 13.70 13.75 13.80



#70

1,2,3-Trichlorobenzene

Concen: 0.109 ug/L

RT: 13.99 min Scan# 3987

Delta R.T. 0.01 min

Lab File: VU029284.D

Acq: 25 Jan 2019 12:44

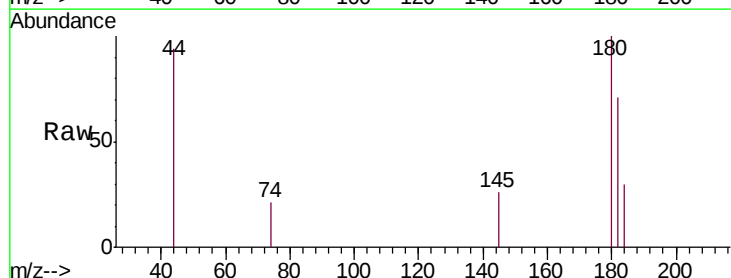
Tgt Ion:180 Resp: 763

Ion Ratio Lower Upper

180 100

182 99.1 76.4 114.6

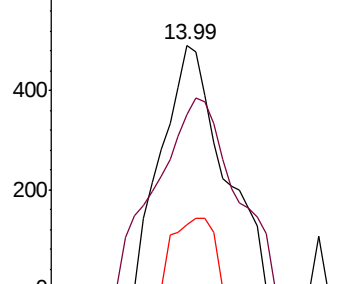
145 18.9 24.5 36.7#



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V



Time--> 13.95 14.00

