

Data File : VU030225.D
Acq On : 20 Mar 2019 16:21
Operator : JC/SP
Sample : VU0320WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK42

Quant Time: Mar 22 01:30:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 01:27:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	494011	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	483432	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	224880	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	167614	50.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.36%
7) Chloroethane-d5	1.68	69	139394	52.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.38%
11) 1,1-Dichloroethene-d2	2.27	63	231691	38.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.04%
21) 2-Butanone-d5	4.17	46	259433	104.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.69%
24) Chloroform-d	4.64	84	309754	50.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.06%
26) 1,2-Dichloroethane-d4	5.31	65	188747	53.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.96%
32) Benzene-d6	5.34	84	672632	52.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	6.33	67	206071	52.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.56%
41) Toluene-d8	7.56	98	604390	50.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.92%
43) trans-1,3-Dichloropropene-	7.85	79	90180	46.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.96%
47) 2-Hexanone-d5	8.31	63	210943	103.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	305413	50.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	241339	53.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.90%

Target Compounds

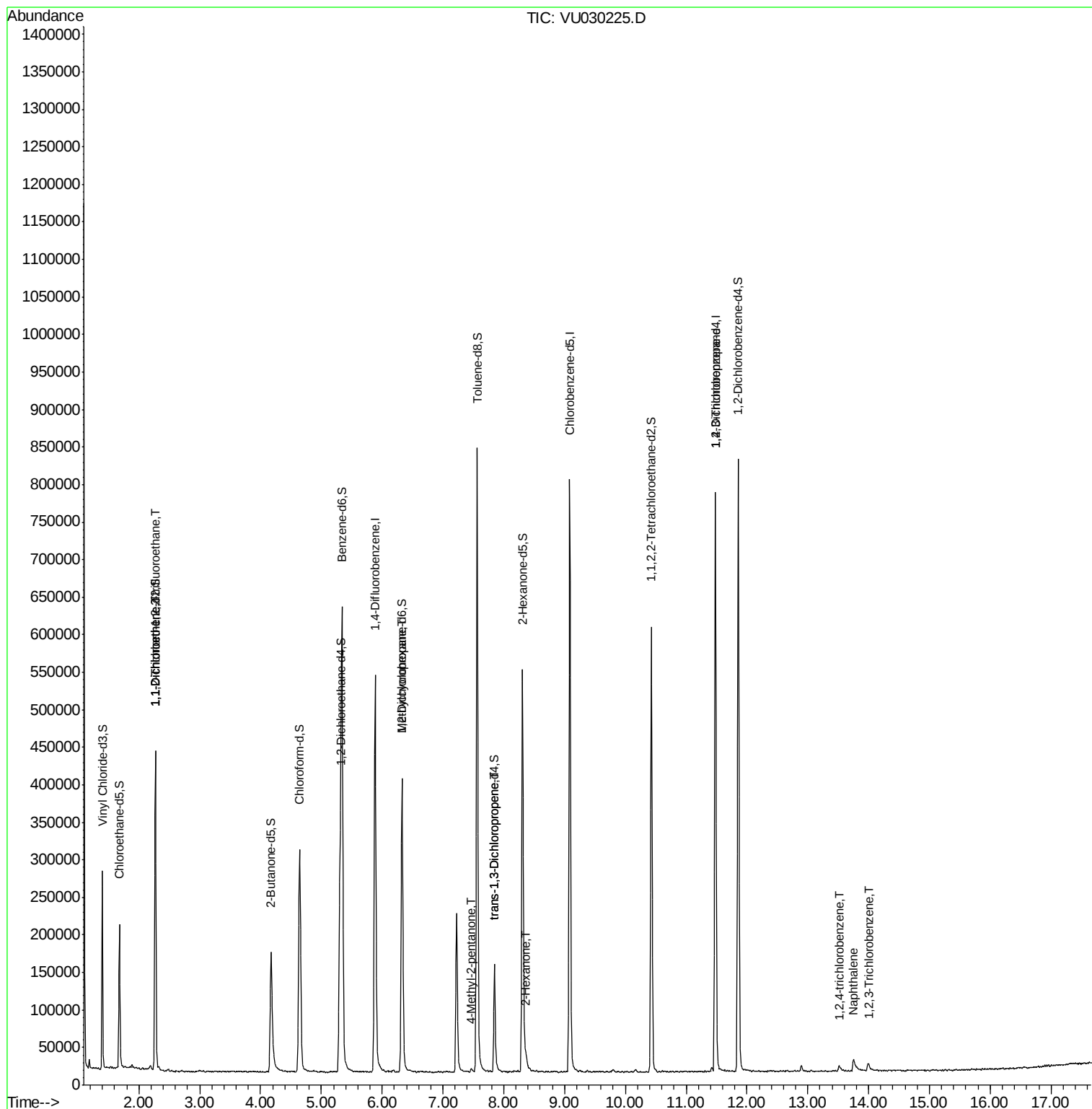
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2333	0.703	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	2310	0.701	ug/L #	1
35) Methylcyclohexane	6.33	83	48403	8.397	ug/L #	22
40) 4-Methyl-2-pentanone	7.47	43	3203	0.652	ug/L #	94
44) trans-1,3-Dichloropropene	7.85	75	3427	0.691	ug/L	99
48) 2-Hexanone	8.37	43	10771	2.643	ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	23950	4.961	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	3992	0.805	ug/L #	83
69) Naphthalene	13.75	128	23466	1.492	ug/L #	92
70) 1,2,3-Trichlorobenzene	13.99	180	5482	1.060	ug/L #	90

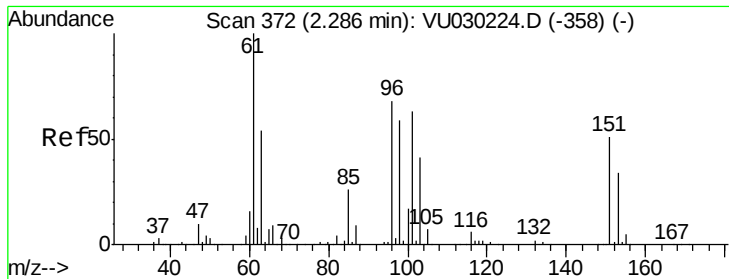
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.703 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU030225.D

Acq: 20 Mar 2019 16:21

Instrument :

MSVOA_U

ClientSampleId :

VBLK42

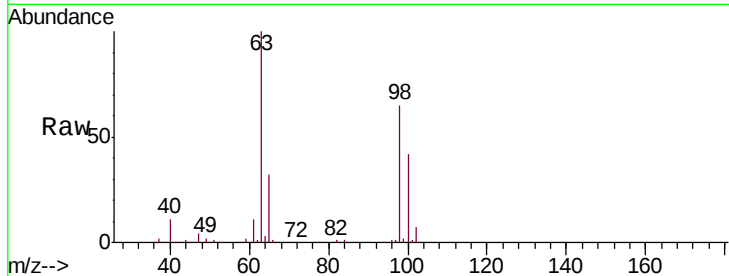
Tgt Ion: 101 Resp: 2333

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

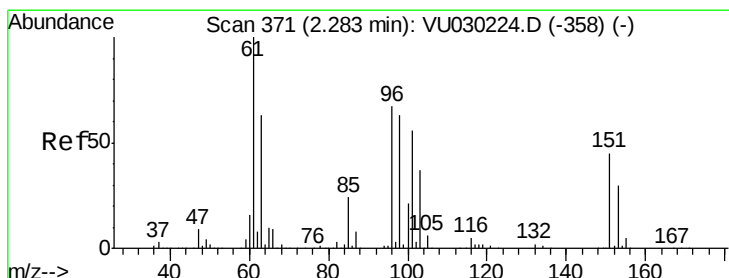
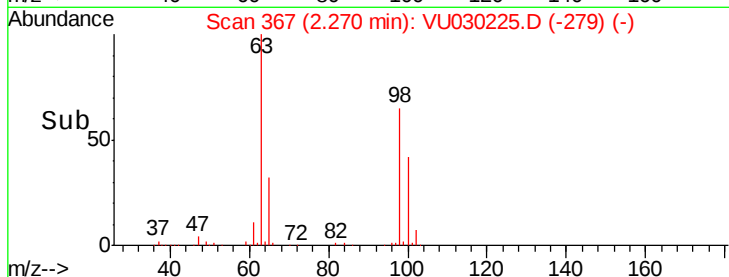
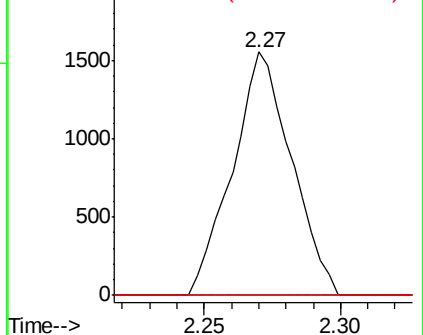
151 0.0 64.7 97.1#



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: 0.701 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU030225.D

Acq: 20 Mar 2019 16:21

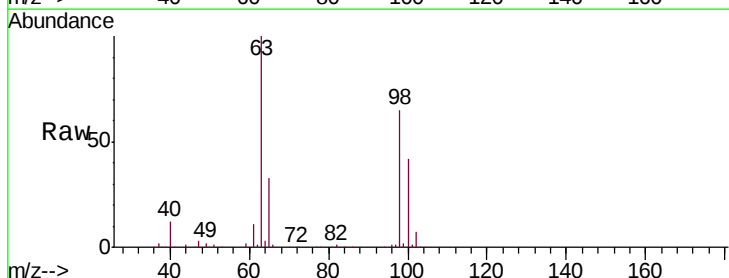
Tgt Ion: 96 Resp: 2310

Ion Ratio Lower Upper

96 100

61 1112.1 104.6 194.2#

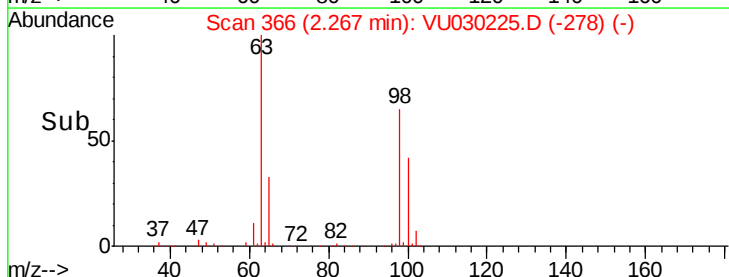
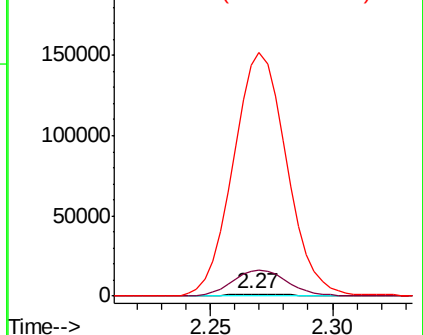
63 10239.1 77.2 143.4#

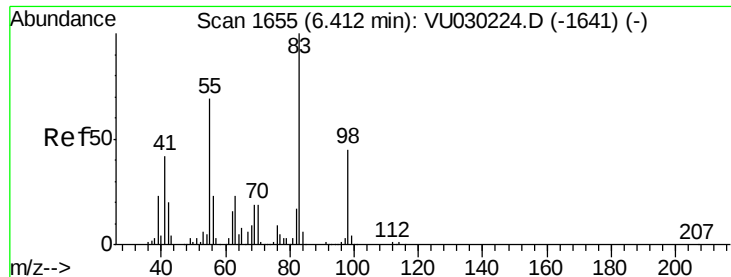


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

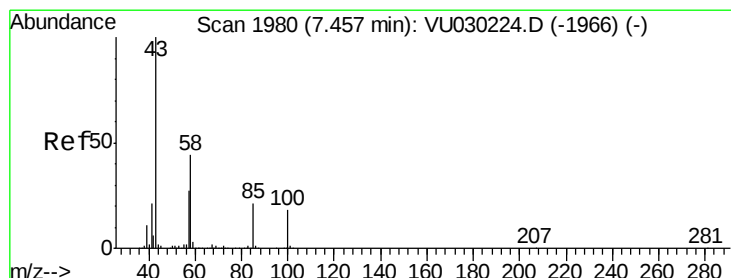
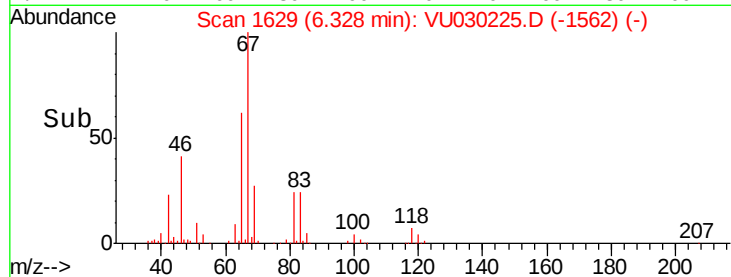
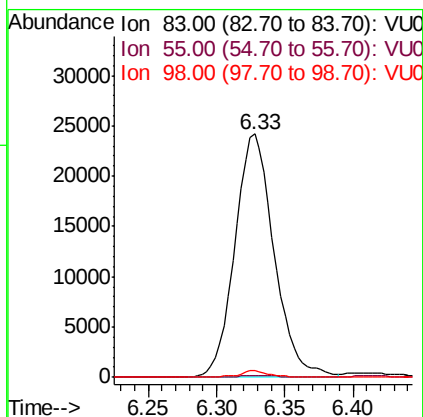
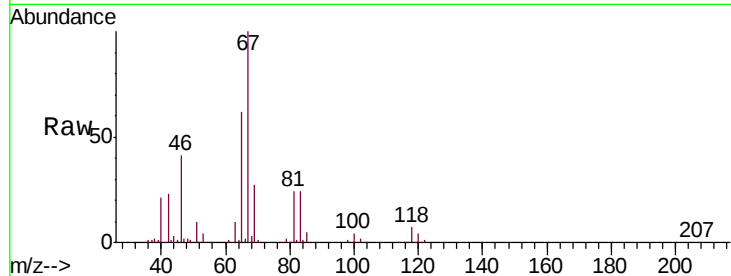




#35
Methylcyclohexane
Concen: 8.397 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU030225.D
Acq: 20 Mar 2019 16:21

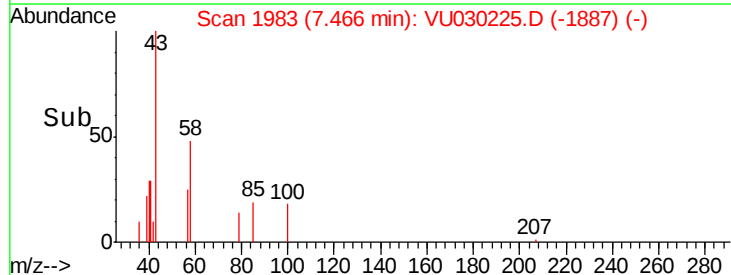
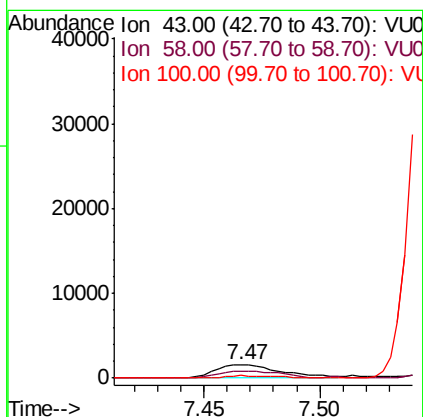
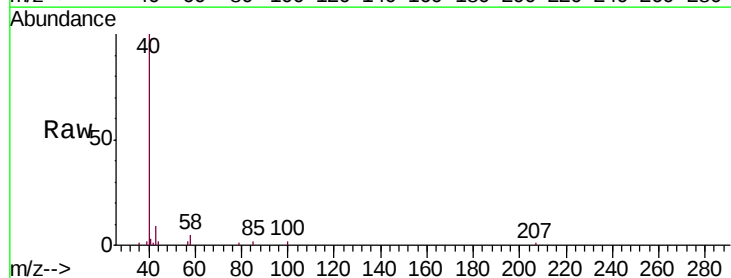
Instrument :
MSVOA_U
ClientSampleId :
VBLK42

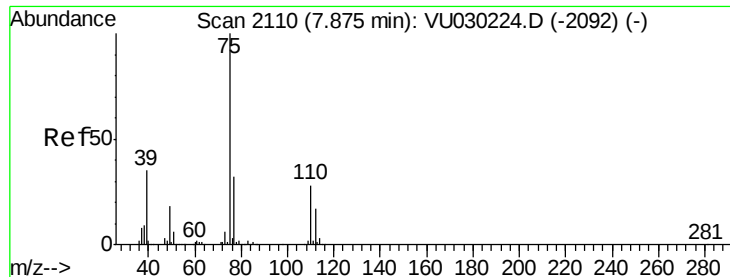
Tgt Ion: 83 Resp: 48403
Ion Ratio Lower Upper
83 100
55 0.1 56.6 85.0#
98 1.9 37.0 55.4#



#40
4-Methyl-2-pentanone
Concen: 0.652 ug/L
RT: 7.47 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VU030225.D
Acq: 20 Mar 2019 16:21

Tgt Ion: 43 Resp: 3203
Ion Ratio Lower Upper
43 100
58 45.6 34.4 51.6
100 12.8 13.9 20.9#

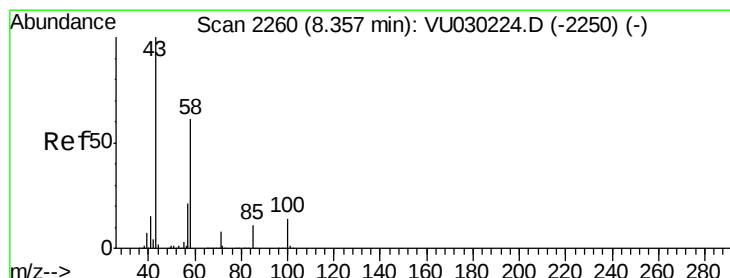
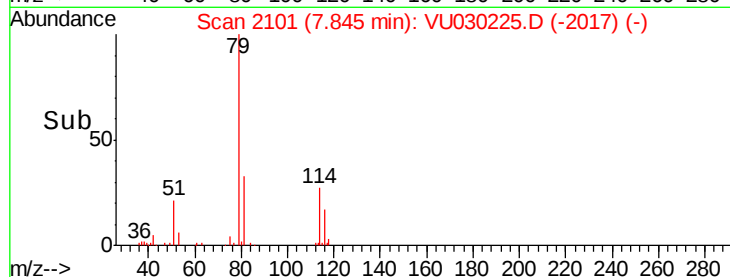
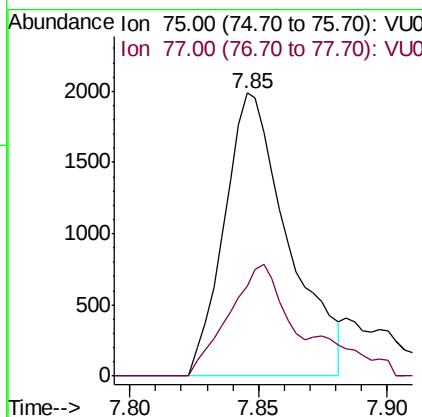
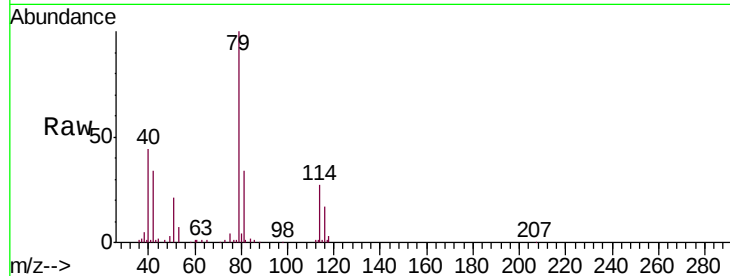




#44
trans-1,3-Dichloropropene
Concen: 0.691 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030225.D
Acq: 20 Mar 2019 16:21

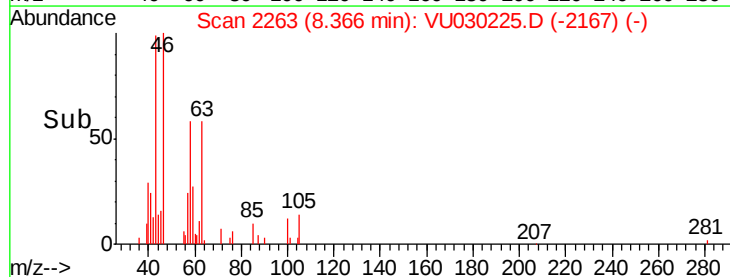
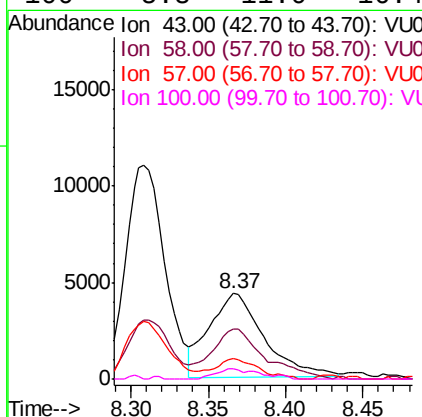
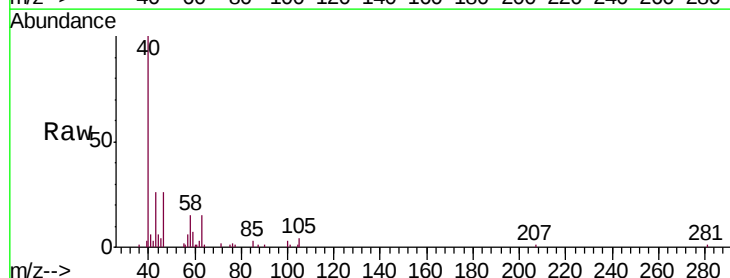
Instrument :
MSVOA_U
ClientSampleId :
VBLK42

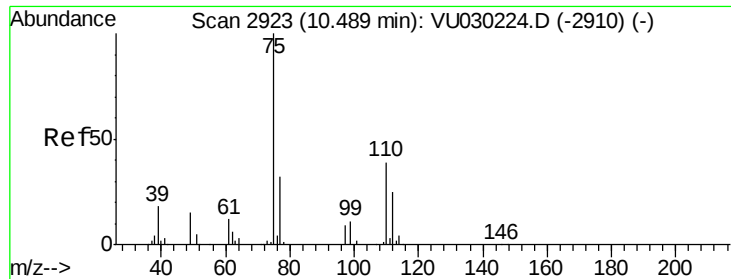
Tgt Ion: 75 Resp: 3427
Ion Ratio Lower Upper
75 100
77 32.0 22.7 42.1



#48
2-Hexanone
Concen: 2.643 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030225.D
Acq: 20 Mar 2019 16:21

Tgt Ion: 43 Resp: 10771
Ion Ratio Lower Upper
43 100
58 29.5 49.3 73.9#
57 12.0 17.0 25.4#
100 5.8 11.0 16.4#

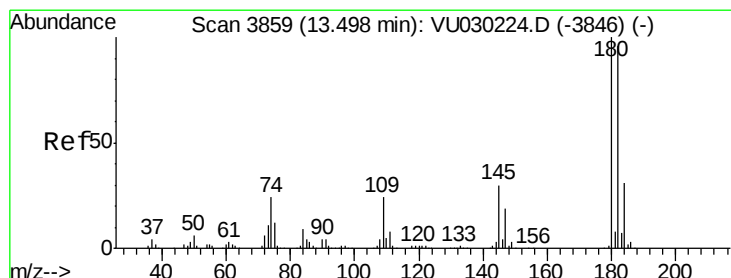
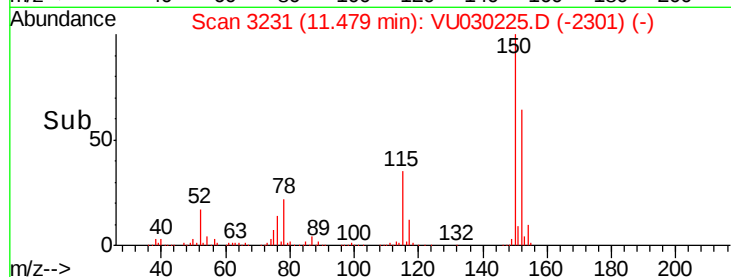
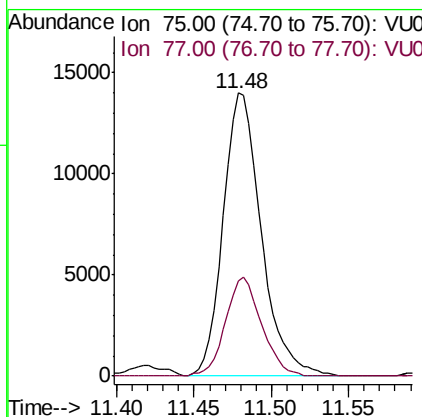
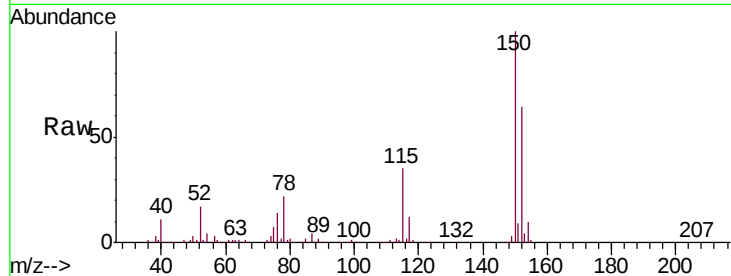




#59
 1,2,3-Trichloropropane
 Concen: 4.961 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU030225.D
 Acq: 20 Mar 2019 16:21

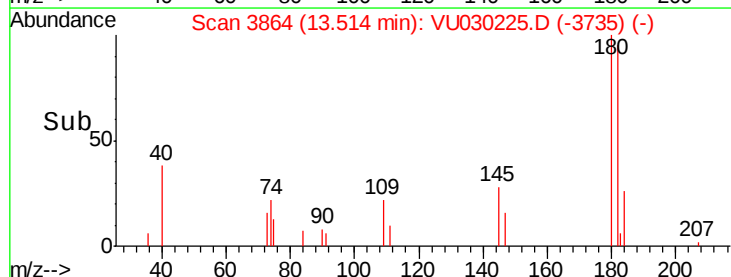
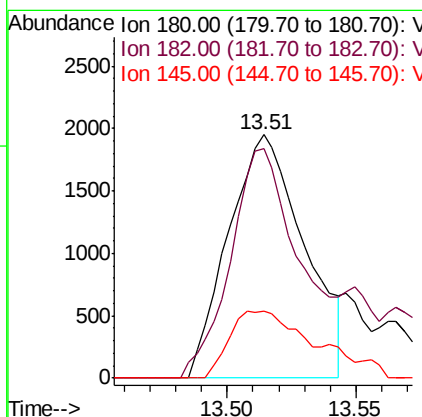
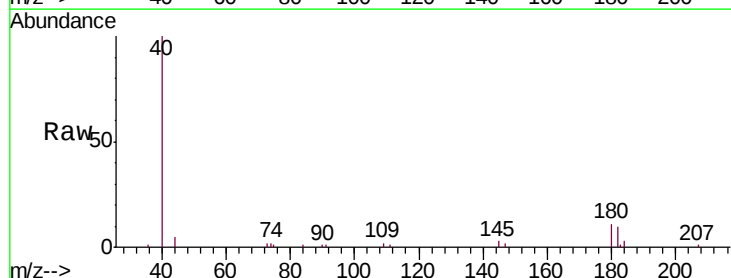
Instrument :
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 ClientSampleId :
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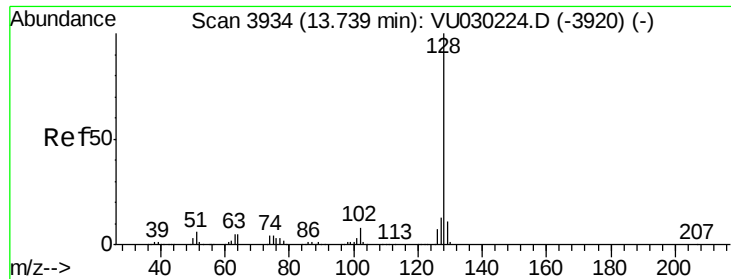
Tgt Ion: 75 Resp: 23950
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.8 38.8



#68
 1,2,4-trichlorobenzene
 Concen: 0.805 ug/L
 RT: 13.51 min Scan# 3864
 Delta R.T. 0.02 min
 Lab File: VU030225.D
 Acq: 20 Mar 2019 16:21

Tgt Ion: 180 Resp: 3992
 Ion Ratio Lower Upper
 180 100
 182 84.3 76.4 114.6
 145 10.6 22.7 34.1#





#69

Naphthalene

Concen: 1.492 ug/L

RT: 13.75 min Scan# 3938

Delta R.T. 0.01 min

Lab File: VU030225.D

Acq: 20 Mar 2019 16:21

Instrument :

MSVOA_U

ClientSampled :

VBLK42

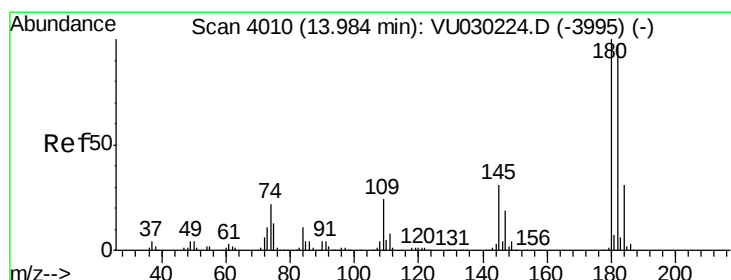
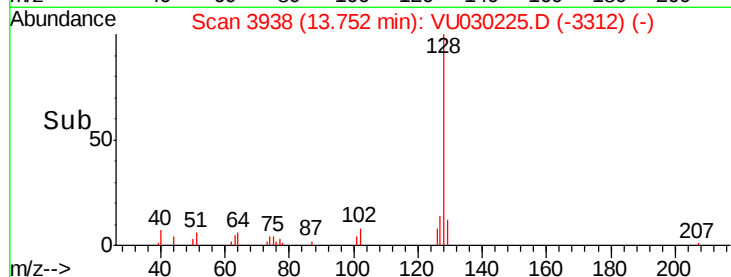
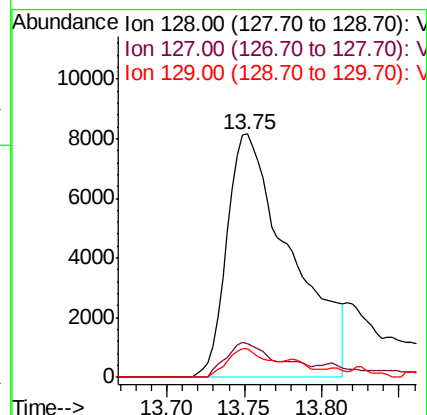
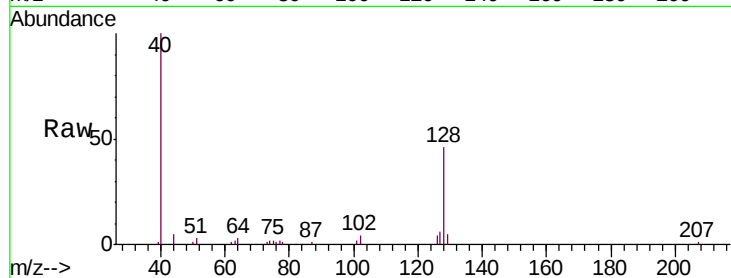
Tgt Ion:128 Resp: 23466

Ion Ratio Lower Upper

128 100

127 9.9 10.2 15.2#

129 7.1 8.5 12.7#



#70

1,2,3-Trichlorobenzene

Concen: 1.060 ug/L

RT: 13.99 min Scan# 4012

Delta R.T. 0.01 min

Lab File: VU030225.D

Acq: 20 Mar 2019 16:21

Tgt Ion:180 Resp: 5482

Ion Ratio Lower Upper

180 100

182 96.8 75.9 113.9

145 11.9 24.1 36.1#

