

Data File : VU029824.D
Acq On : 05 Mar 2019 16:08
Operator : JC/SP
Sample : VU0306WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK46

Quant Time: Mar 06 02:53:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Mar 06 02:51:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	236062	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	225831	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	110079	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	85652	5.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.20%
7) Chloroethane-d5	1.68	69	67960	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.27	63	116994	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	4.22	46	190558	54.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.34%
24) Chloroform-d	4.64	84	141224	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.31	65	70962	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.33	84	304267	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.33	67	91148	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	7.56	98	280274	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	7.85	79	34288	4.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.00%
46) 2-Hexanone-d5	8.31	63	180049	53.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	75224	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	108310	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

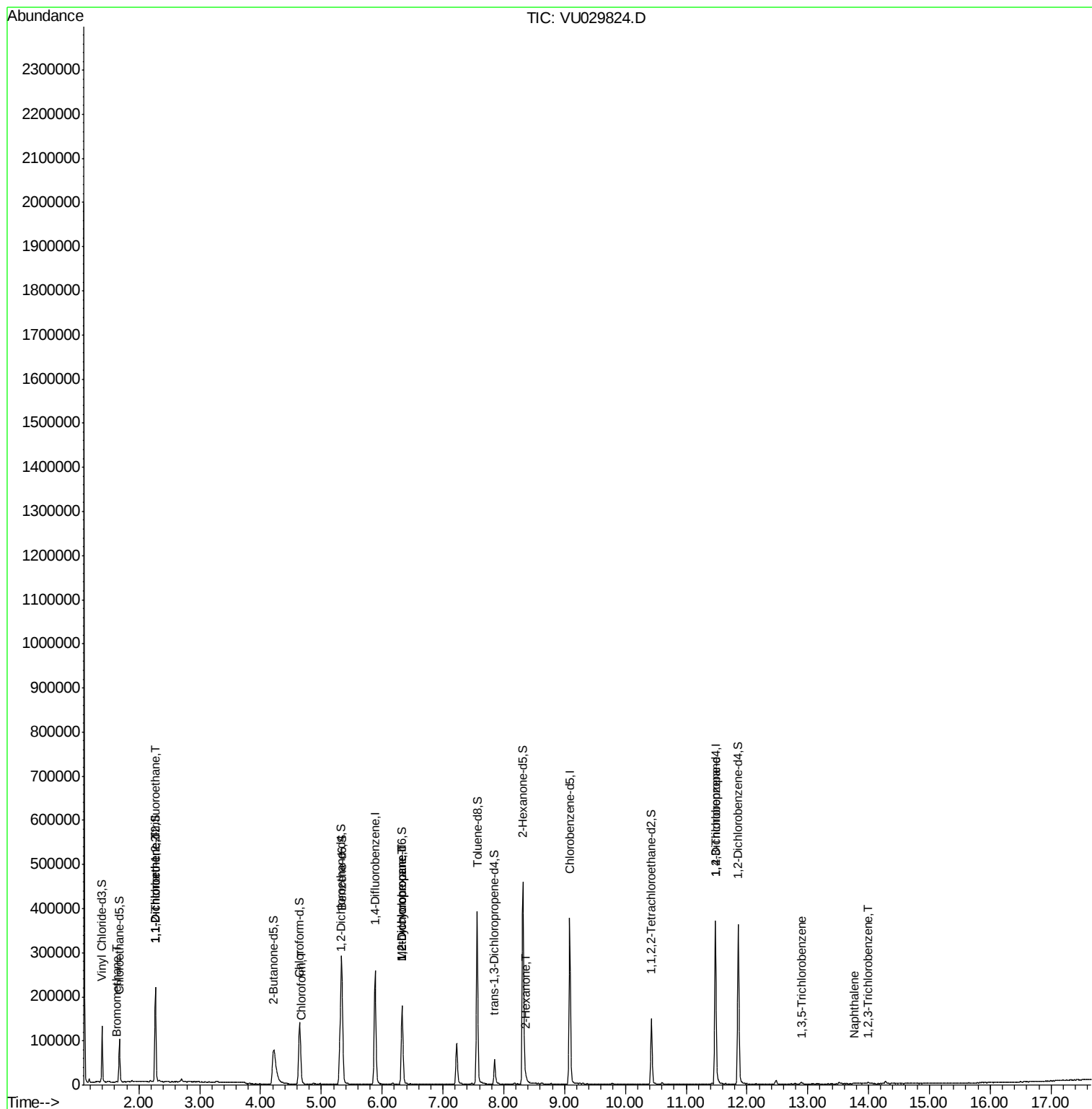
					Qvalue
6) Bromomethane	1.63	94	772	0.069 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1248	0.068 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1138	0.065 ug/L #	1
25) Chloroform	4.68	83	2026	0.068 ug/L	95
35) Methylcyclohexane	6.33	83	21839	0.808 ug/L #	21
37) 1,2-Dichloropropane	6.32	63	9238	0.614 ug/L #	86
48) 2-Hexanone	8.37	43	2769	0.448 ug/L #	46
59) 1,2,3-Trichloropropane	11.48	75	11752	1.171 ug/L	92
67) 1,3,5-Trichlorobenzene	12.89	180	1415	0.050 ug/L #	65
69) Naphthalene	13.76	128	2435	0.066 ug/L #	90
70) 1,2,3-Trichlorobenzene	13.99	180	1581	0.071 ug/L #	77

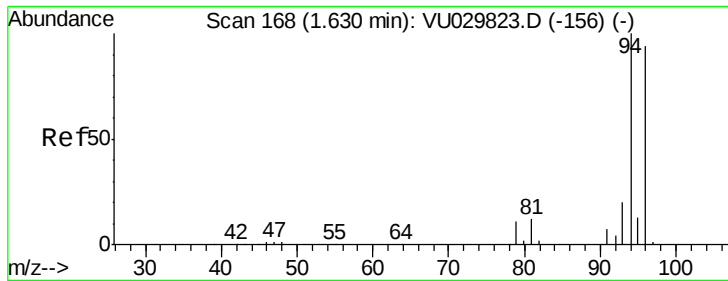
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.069 ug/L

RT: 1.63 min Scan# 169

Delta R.T. 0.00 min

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Acq: 05 Mar 2019 16:08

Instrument :

MSVOA_U

ClientSampleId :

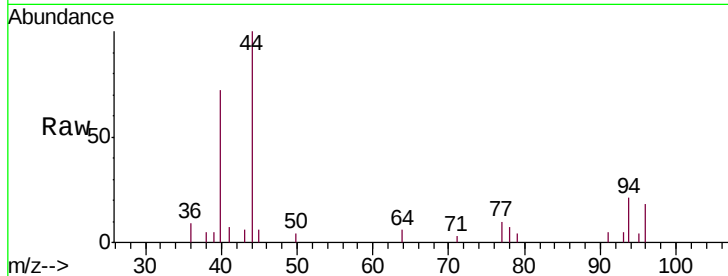
VBLK46

Tgt Ion: 94 Resp: 772

Ion Ratio Lower Upper

94 100

96 90.0 66.0 122.6



Abundance Ion 94.00 (93.70 to 94.70): VU029823.D (-156) (-)

Ion 96.00 (95.70 to 96.70): VU029823.D (-156) (-)

1.63

600

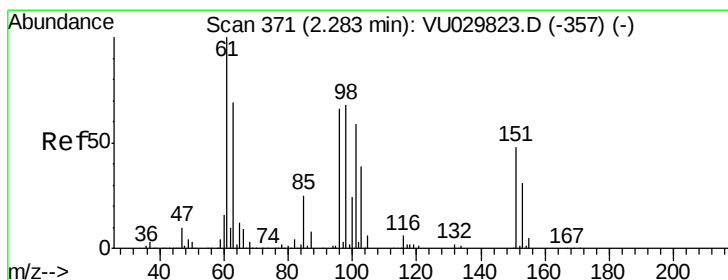
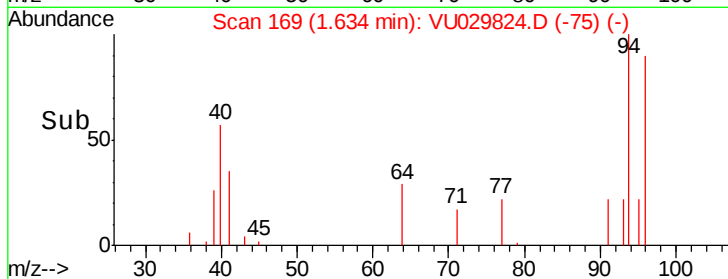
400

200

0

1.60 1.62 1.64 1.66

Time-->



#10

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

Concen: 0.068 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029824.D

Acq: 05 Mar 2019 16:08

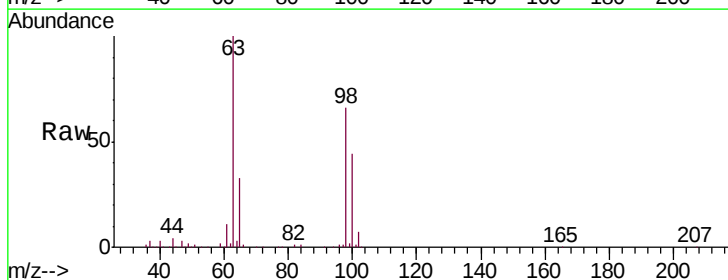
Tgt Ion: 101 Resp: 1248

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

151 0.0 65.9 98.9#



Abundance Ion 101.00 (100.70 to 101.70): VU029823.D (-357) (-)

Ion 85.00 (84.70 to 85.70): VU029823.D (-357) (-)

Ion 151.00 (150.70 to 151.70): VU029823.D (-357) (-)

1000

800

600

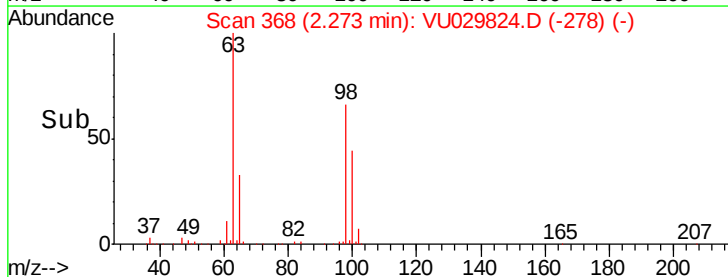
400

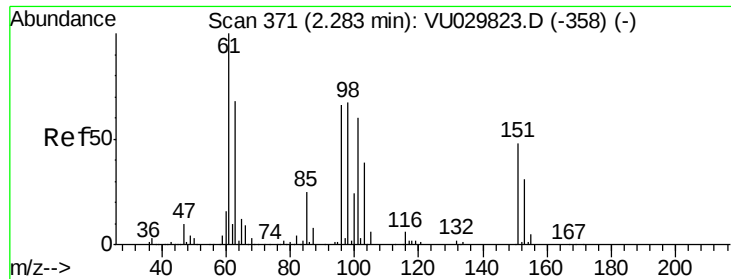
200

0

2.25 2.30

Time-->





#12

1,1-Dichloroethene

Concen: 0.065 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029824.D

Acq: 05 Mar 2019 16:08

Instrument :

MSVOA_U

ClientSampleId :

VBLK46

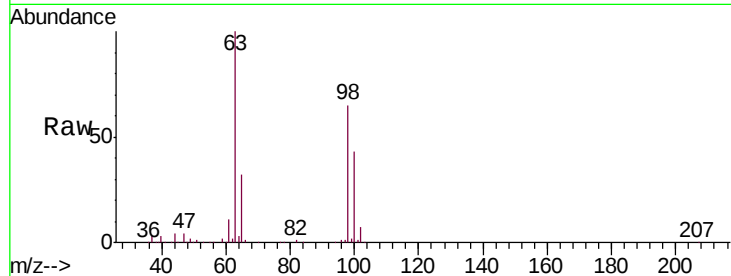
Tgt Ion: 96 Resp: 1138

Ion Ratio Lower Upper

96 100

61 970.9 111.3 206.7#

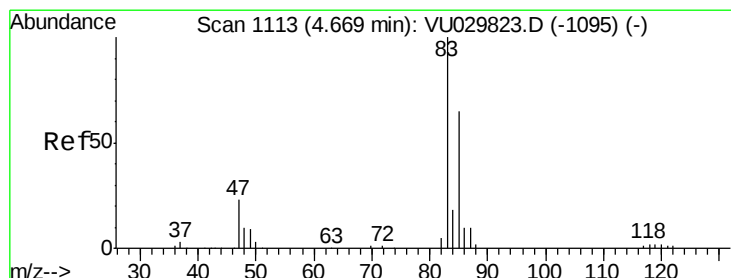
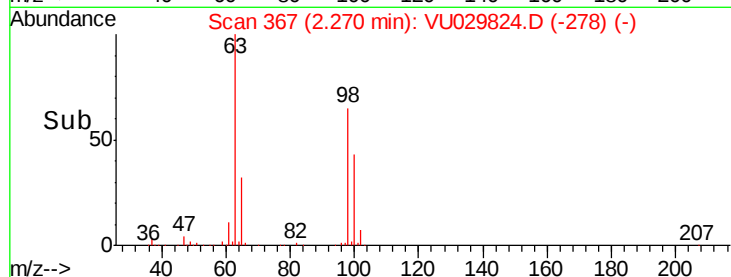
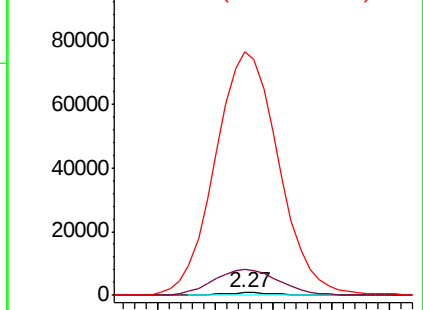
63 8965.3 88.5 164.3#



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: 0.068 ug/L

RT: 4.68 min Scan# 1116

Delta R.T. 0.01 min

Lab File: VU029824.D

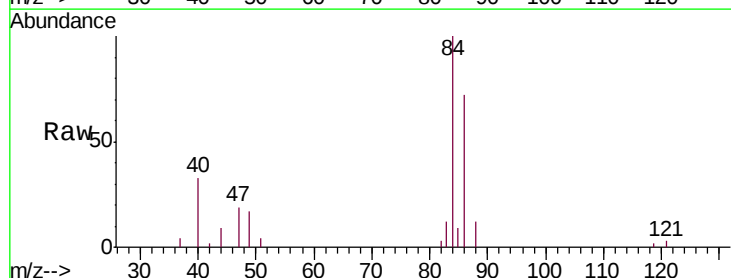
Acq: 05 Mar 2019 16:08

Tgt Ion: 83 Resp: 2026

Ion Ratio Lower Upper

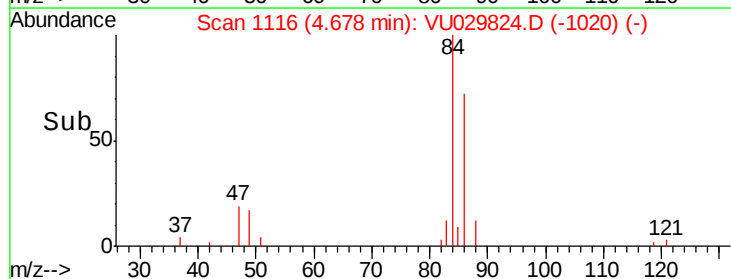
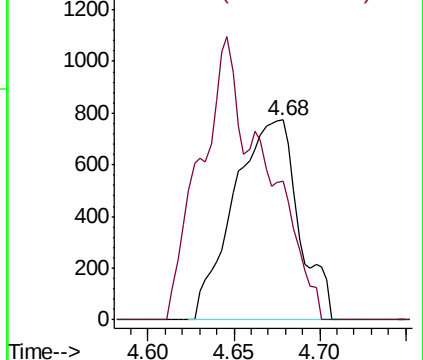
83 100

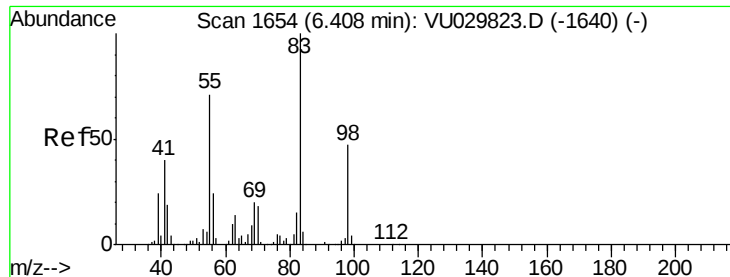
85 69.4 45.6 84.6



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

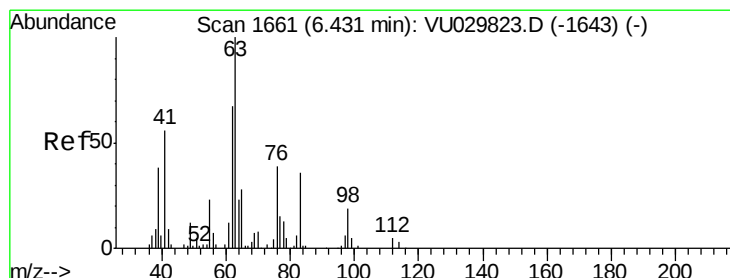
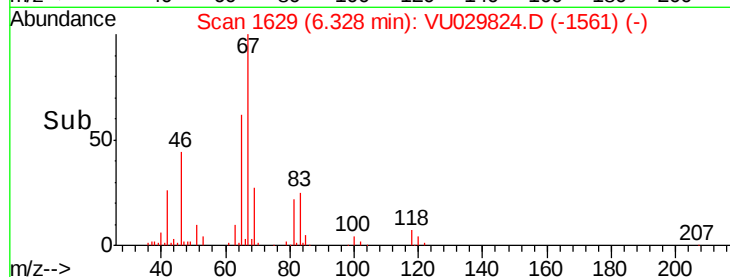
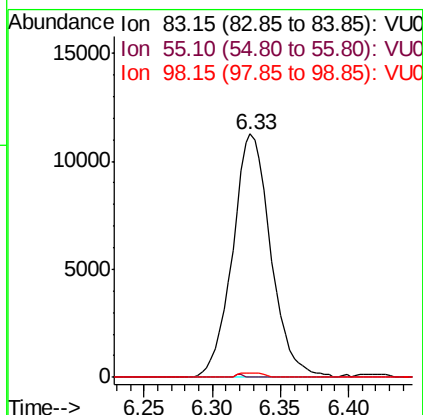
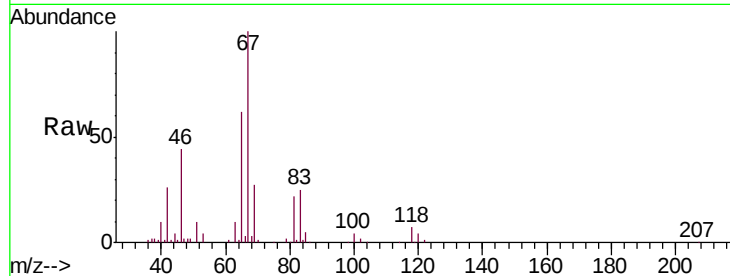




#35
Methylcyclohexane
Concen: 0.808 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029824.D
Acq: 05 Mar 2019 16:08

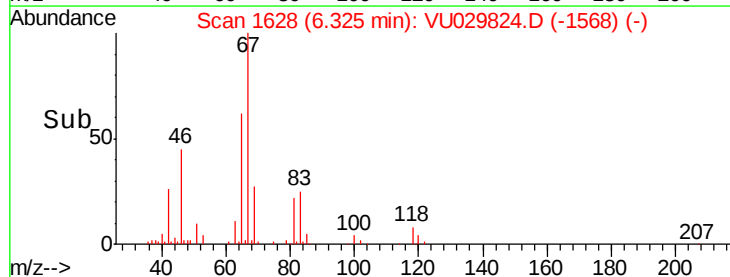
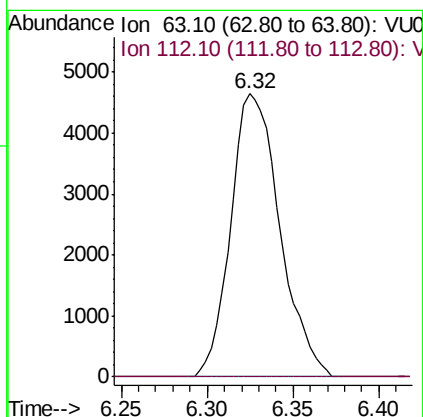
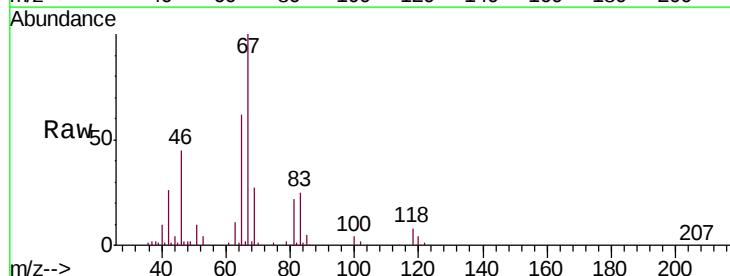
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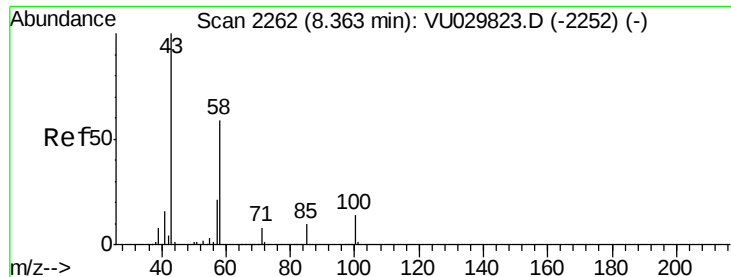
Tgt Ion: 83 Resp: 21839
Ion Ratio Lower Upper
83 100
55 0.2 56.5 84.7#
98 1.3 39.4 59.2#



#37
1,2-Dichloropropane
Concen: 0.614 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.11 min
Lab File: VU029824.D
Acq: 05 Mar 2019 16:08

Tgt Ion: 63 Resp: 9238
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

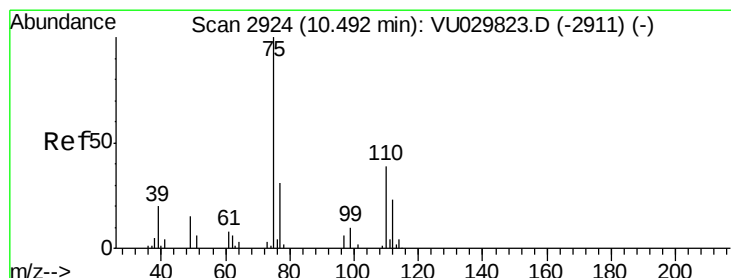
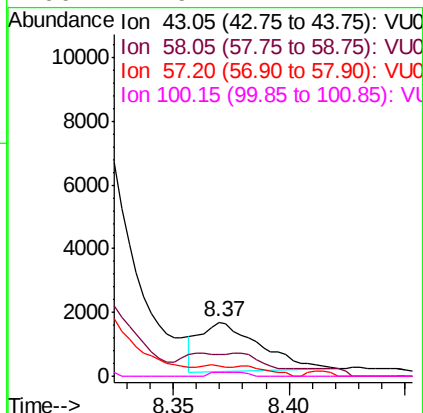
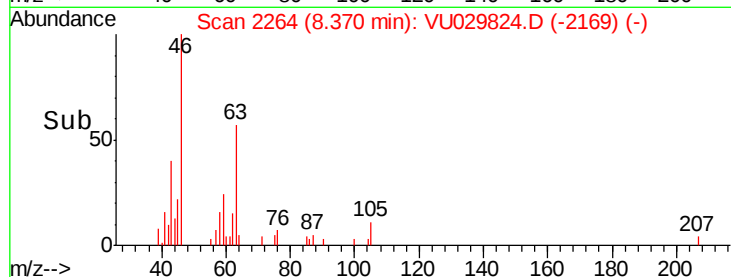
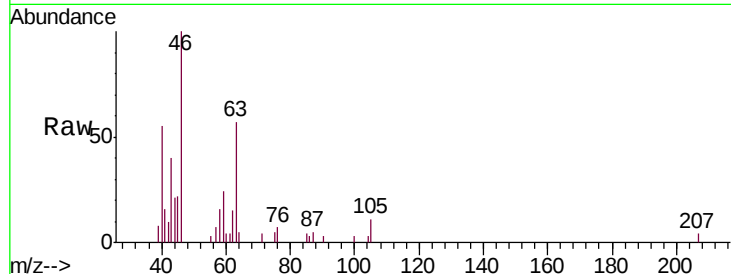




#48
2-Hexanone
Concen: 0.448 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU029824.D
Acq: 05 Mar 2019 16:08

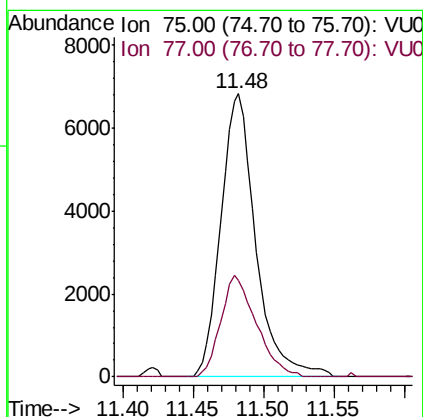
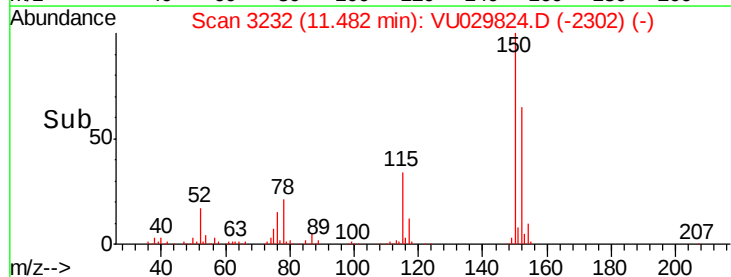
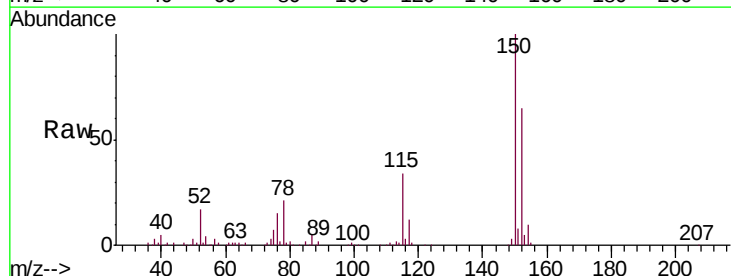
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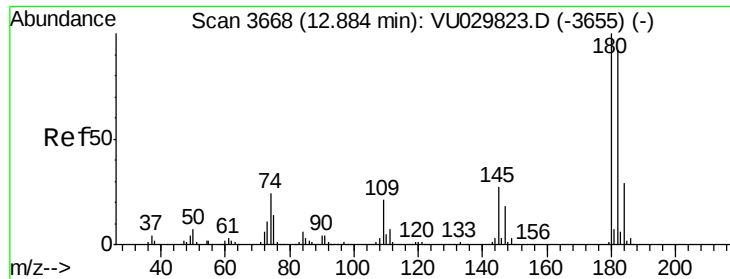
Tgt Ion: 43 Resp: 2769
Ion Ratio Lower Upper
43 100
58 9.8 46.6 69.8#
57 0.0 15.9 23.9#
100 4.9 11.4 17.2#



#59
1,2,3-Trichloropropane
Concen: 1.171 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029824.D
Acq: 05 Mar 2019 16:08

Tgt Ion: 75 Resp: 11752
Ion Ratio Lower Upper
75 100
77 36.6 25.6 38.4

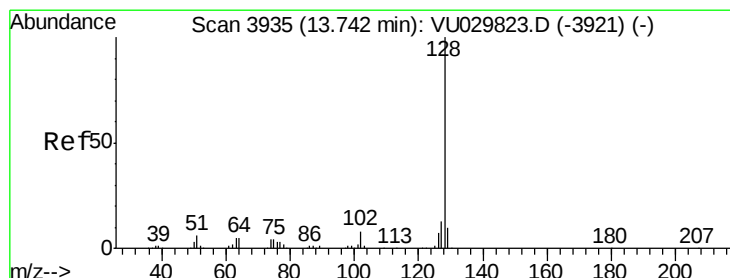
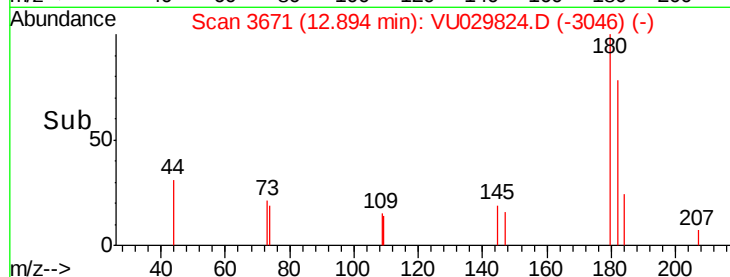
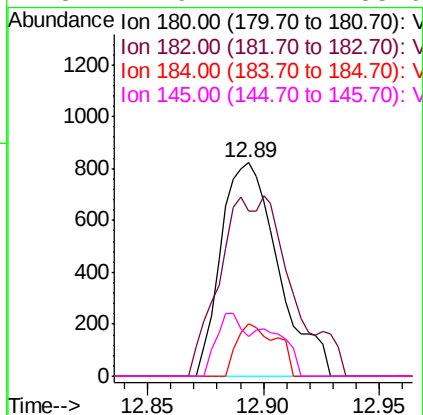
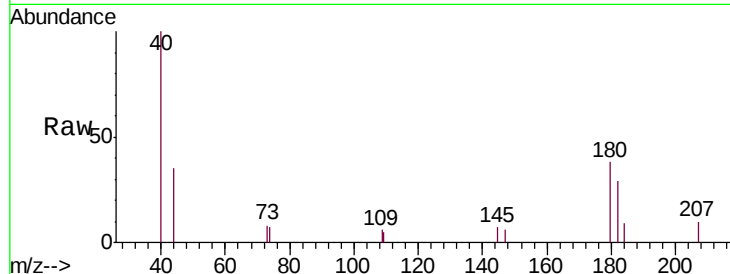




#67
 1,3,5-Trichlorobenzene
 Concen: 0.050 ug/L
 RT: 12.89 min Scan# 3671
 Delta R.T. 0.01 min
 Lab File: VU029824.D
 Acq: 05 Mar 2019 16:08

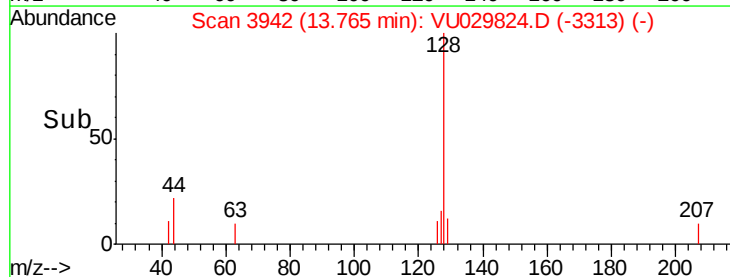
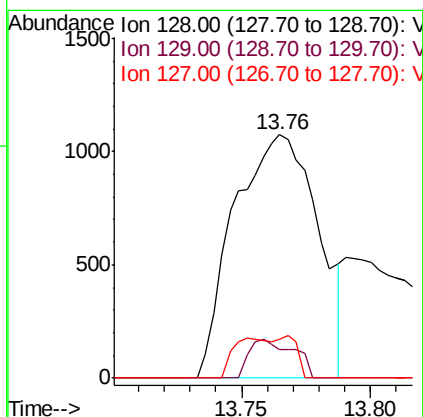
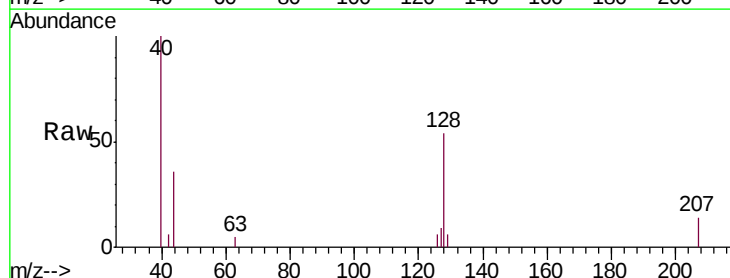
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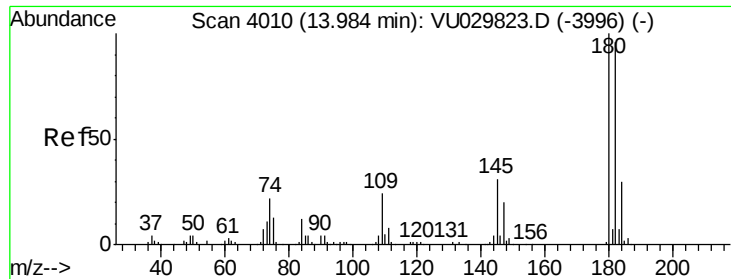
Tgt Ion:180 Resp: 1415
 Ion Ratio Lower Upper
 180 100
 182 55.5 77.0 115.6#
 184 16.9 25.0 37.4#
 145 14.9 22.4 33.6#



#69
 Naphthalene
 Concen: 0.066 ug/L
 RT: 13.76 min Scan# 3942
 Delta R.T. 0.02 min
 Lab File: VU029824.D
 Acq: 05 Mar 2019 16:08

Tgt Ion:128 Resp: 2435
 Ion Ratio Lower Upper
 128 100
 129 8.5 8.7 13.1#
 127 7.6 10.0 15.0#





#70
 1,2,3-Trichlorobenzene
 Concen: 0.071 ug/L
 RT: 13.99 min Scan# 4011
 Delta R.T. 0.00 min
 Lab File: VU029824.D
 Acq: 05 Mar 2019 16:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK46

Tgt Ion:180 Resp: 1581
 Ion Ratio Lower Upper
 180 100
 182 125.6 77.0 115.4#
 145 30.9 24.2 36.2

