

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090618\
 Data File : VU026606.D
 Acq On : 07 Sep 2018 02:38
 Operator : MD/SY
 Sample : J4750-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0SY9

Quant Time: Sep 07 05:31:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 05:26:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	155399	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	146928	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	60691	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	53694	55.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.54%
7) Chloroethane-d5	1.68	69	48852	56.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.36%
11) 1,1-Dichloroethene-d2	2.27	63	77218	35.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.22%
21) 2-Butanone-d5	4.18	46	89214	119.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.38%
24) Chloroform-d	4.65	84	96829	53.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.50%
26) 1,2-Dichloroethane-d4	5.31	65	65870	54.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.82%
32) Benzene-d6	5.34	84	193649	57.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.36%
36) 1,2-Dichloropropane-d6	6.33	67	67794	58.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	116.56%
41) Toluene-d8	7.57	98	171939	52.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.20%
43) trans-1,3-Dichloropropene-	7.85	79	27147	51.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.20%
47) 2-Hexanone-d5	8.31	63	64727	121.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.31%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	92177	53.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	65653	59.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.24%

Target Compounds

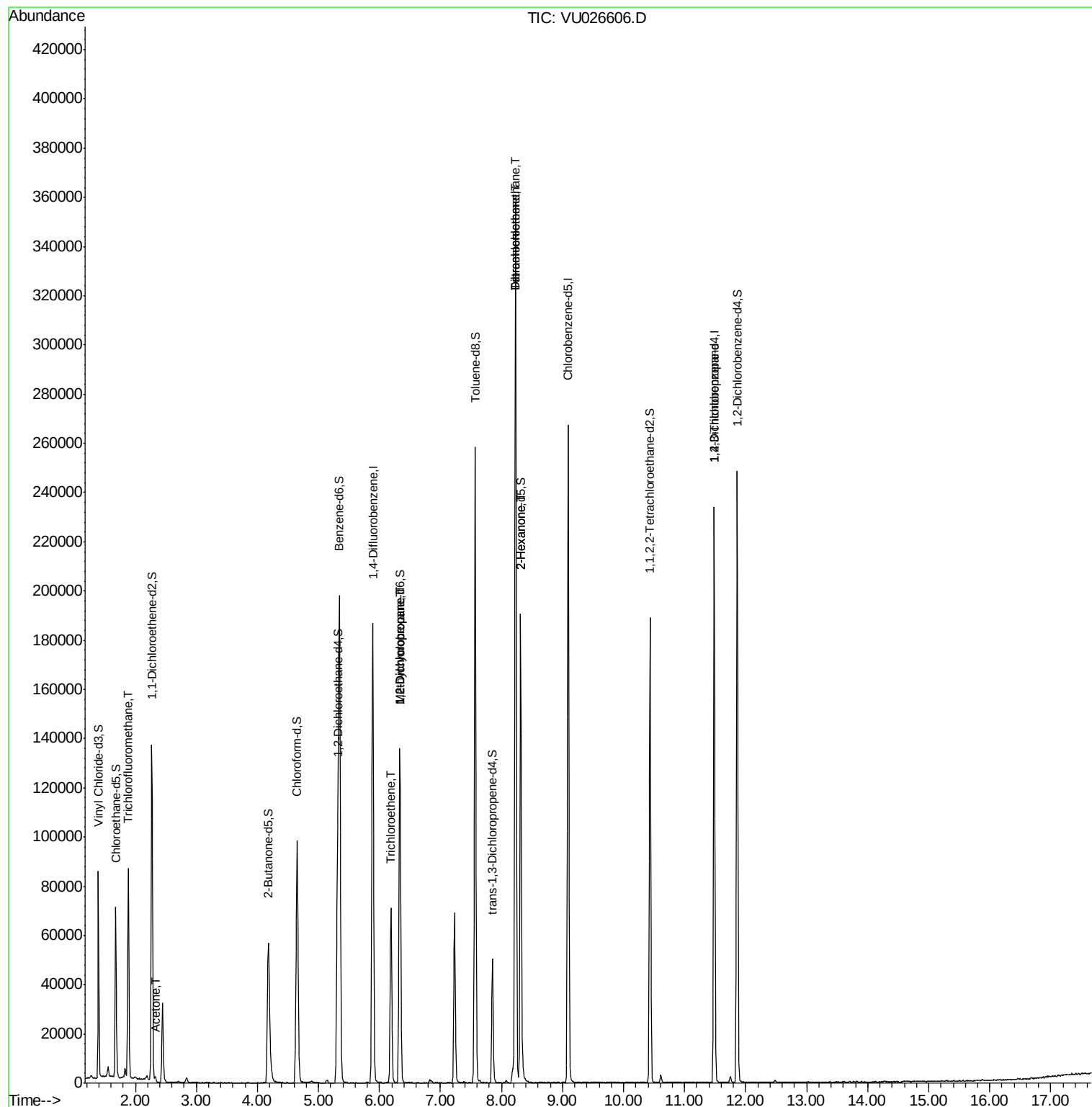
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Trichlorofluoromethane	1.88	101	51734	25.082	ug/L	100
13) Acetone	2.32	43	1402	2.167	ug/L	94
34) Trichloroethene	6.19	95	24801	23.473	ug/L	99
35) Methylcyclohexane	6.33	83	15051	9.123	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	7135	6.119	ug/L #	88
46) Tetrachloroethene	8.23	164	79852	92.440	ug/L	98
48) 2-Hexanone	8.31	43	7664	6.188	ug/L #	70
49) Dibromochloromethane	8.23	129	74830	62.167	ug/L #	10
59) 1,2,3-Trichloropropane	11.49	75	6987	4.802	ug/L #	88

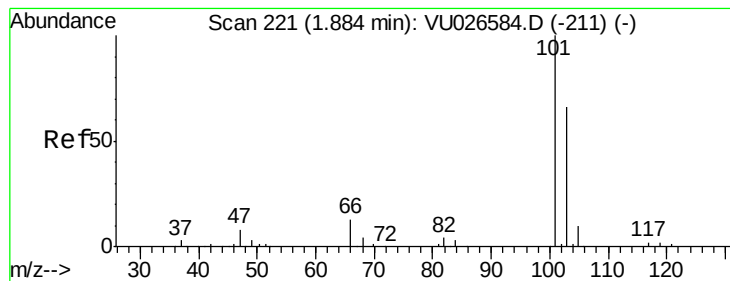
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 25.082 ug/L

RT: 1.88 min Scan# 221

Delta R.T. 0.00 min

Lab File: VU026606.D

Acq: 07 Sep 2018 02:38

Instrument :

MSVOA_U

ClientSampleId :

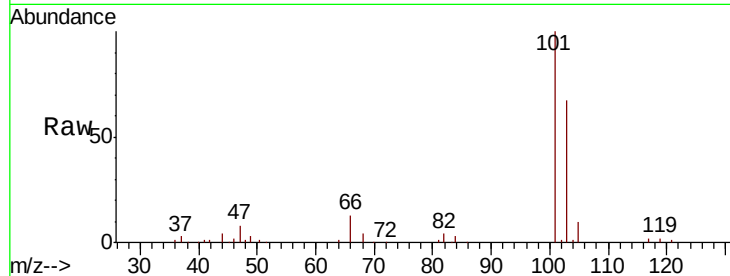
C0SY9

Tgt Ion: 101 Resp: 51734

Ion Ratio Lower Upper

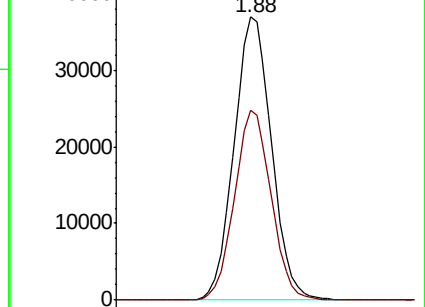
101 100

103 65.5 52.7 79.1

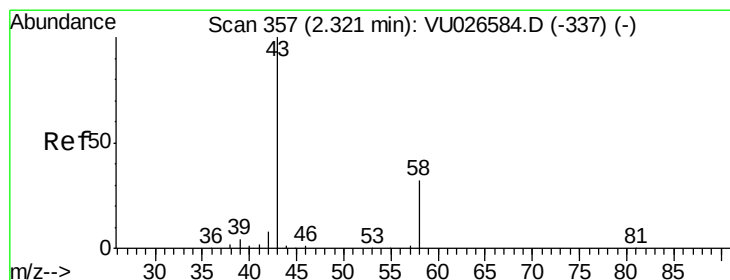
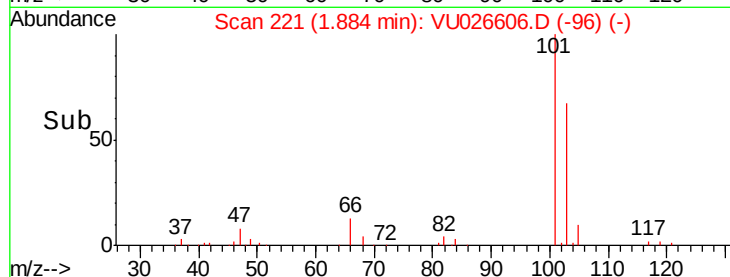


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



Time-->



#13

Acetone

Concen: 2.167 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU026606.D

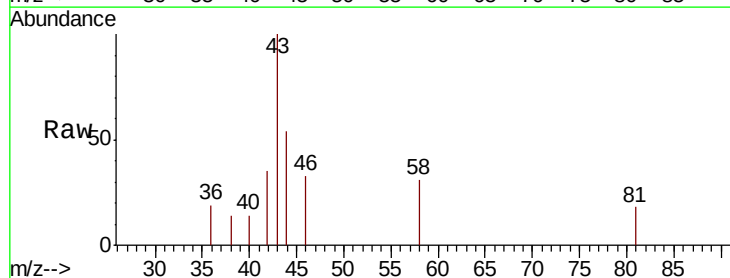
Acq: 07 Sep 2018 02:38

Tgt Ion: 43 Resp: 1402

Ion Ratio Lower Upper

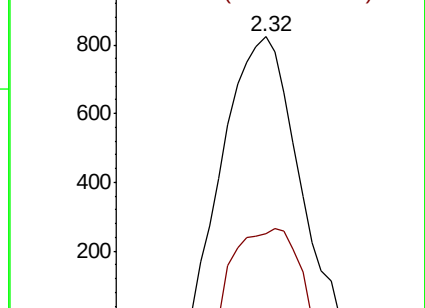
43 100

58 27.1 0.0 61.2

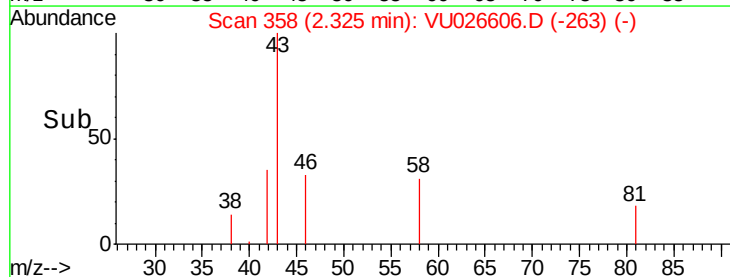


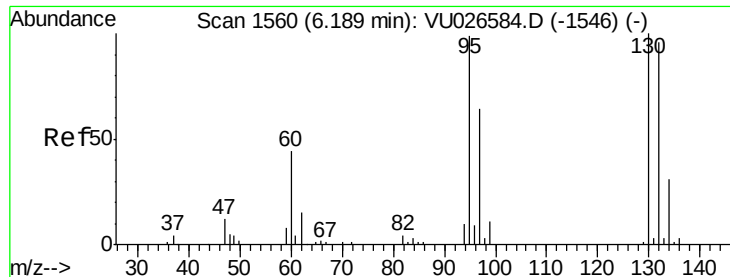
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



Time-->





#34

Trichloroethene

Concen: 23.473 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU026606.D

Acq: 07 Sep 2018 02:38

Instrument :

MSVOA_U

ClientSampleId :

C0SY9

Tgt Ion: 95 Resp: 24801

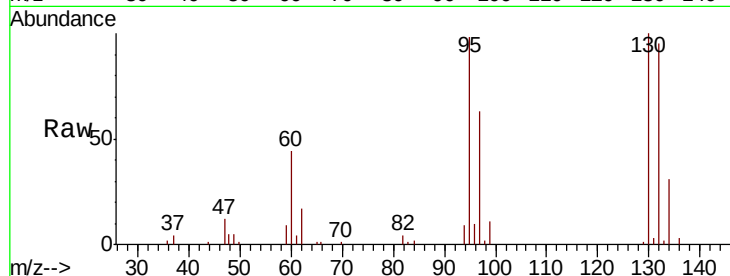
Ion Ratio Lower Upper

95 100

97 64.6 45.1 83.7

132 96.6 67.5 125.3

130 101.8 69.3 128.7

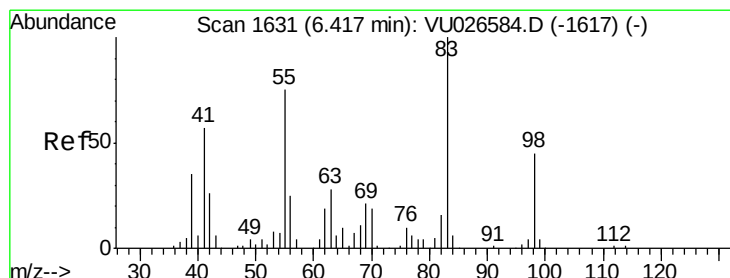
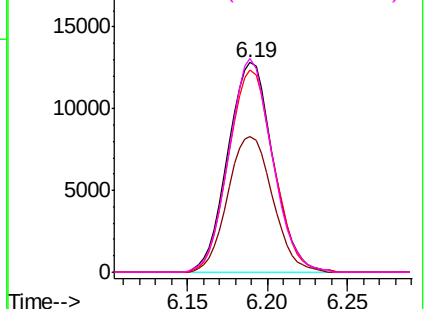
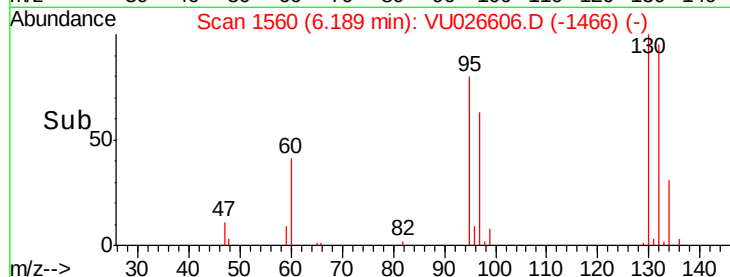


Abundance Ion 95.00 (94.70 to 95.70): VU026606.D (-1546) (-)

Ion 97.00 (96.70 to 97.70): VU026606.D (-1546) (-)

Ion 132.00 (131.70 to 132.70): VU026606.D (-1546) (-)

Ion 130.00 (129.70 to 130.70): VU026606.D (-1546) (-)



#35

Methylcyclohexane

Concen: 9.123 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.09 min

Lab File: VU026606.D

Acq: 07 Sep 2018 02:38

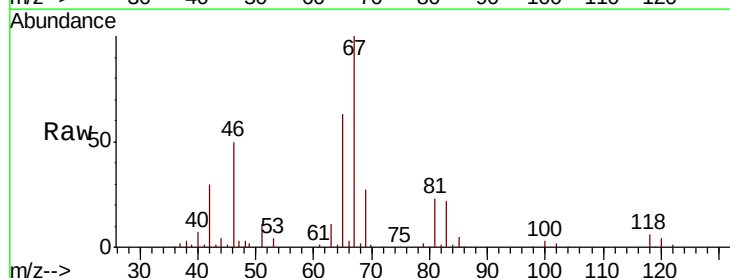
Tgt Ion: 83 Resp: 15051

Ion Ratio Lower Upper

83 100

55 0.0 63.3 94.9#

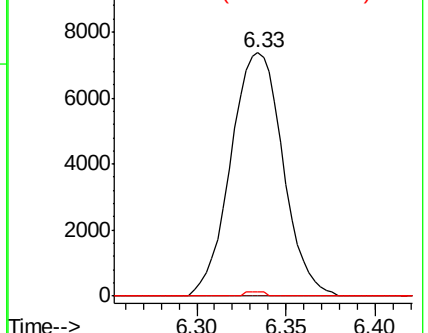
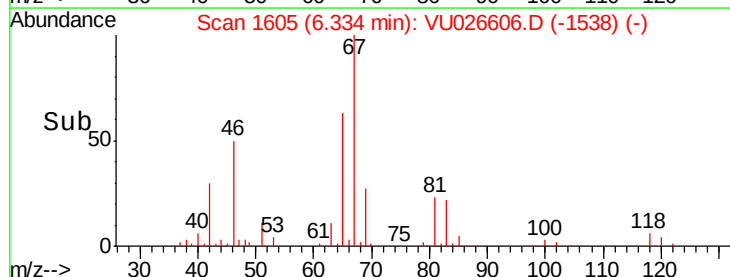
98 0.6 36.7 55.1#

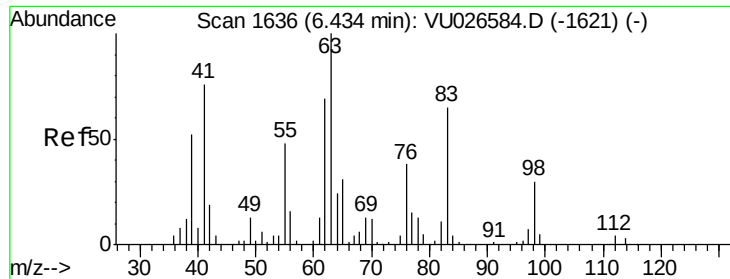


Abundance Ion 83.00 (82.70 to 83.70): VU026606.D (-1538) (-)

Ion 55.00 (54.70 to 55.70): VU026606.D (-1538) (-)

Ion 98.00 (97.70 to 98.70): VU026606.D (-1538) (-)

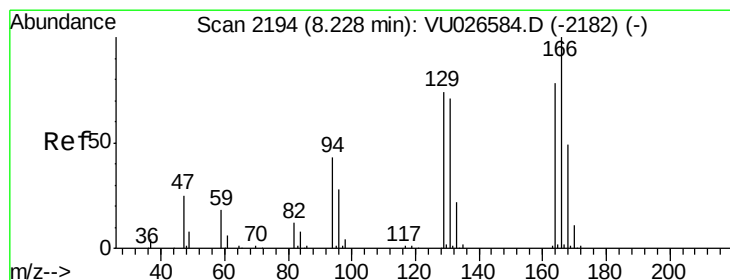
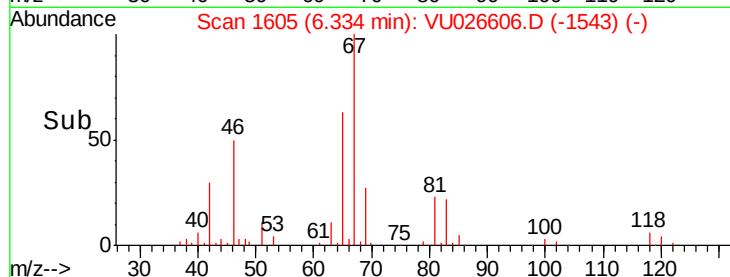
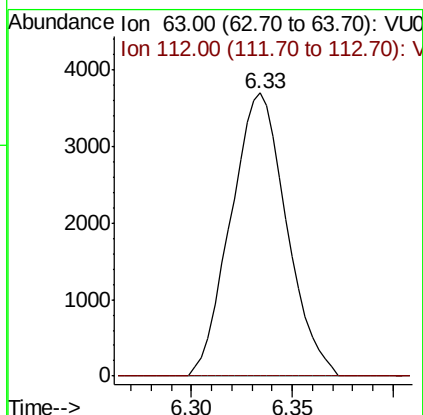
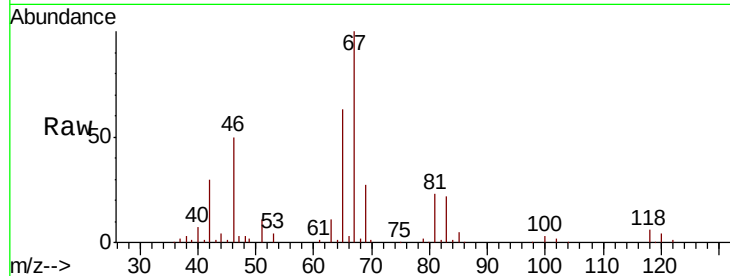




#37
 1,2-Dichloropropane
 Concen: 6.119 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU026606.D
 Acq: 07 Sep 2018 02:38

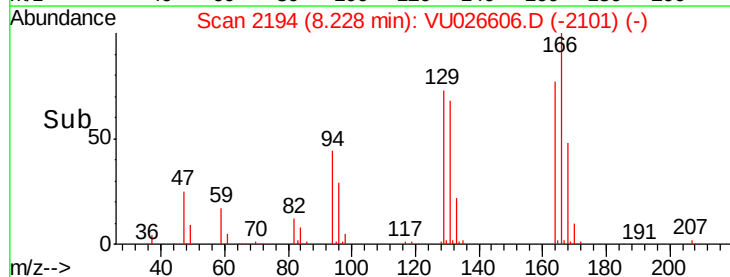
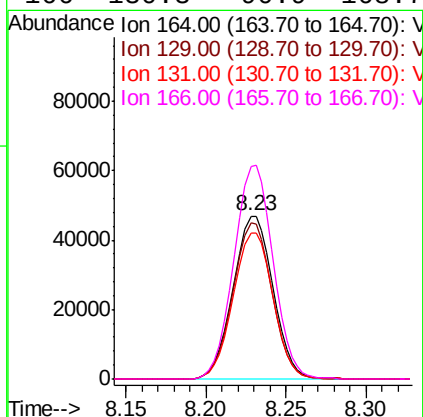
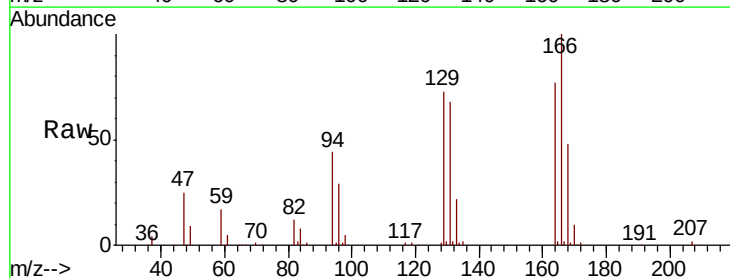
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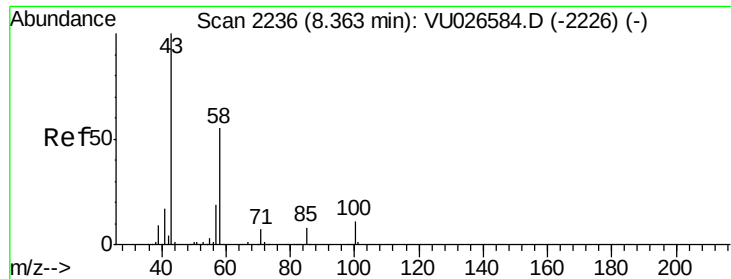
Tgt Ion: 63 Resp: 7135
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#46
 Tetrachloroethene
 Concen: 92.440 ug/L
 RT: 8.23 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VU026606.D
 Acq: 07 Sep 2018 02:38

Tgt Ion: 164 Resp: 79852
 Ion Ratio Lower Upper
 164 100
 129 95.3 67.3 125.1
 131 89.2 65.3 121.3
 166 130.3 90.9 168.7

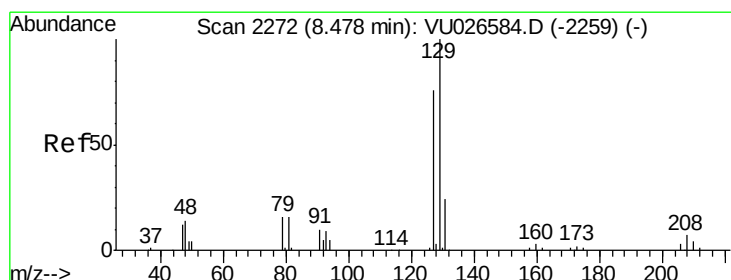
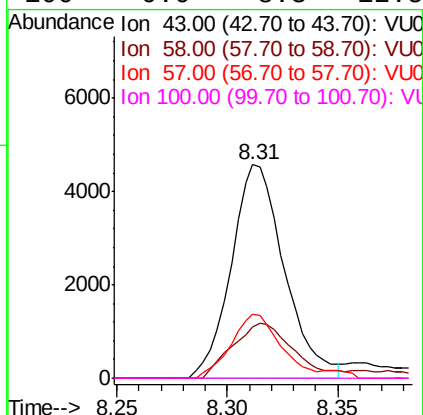
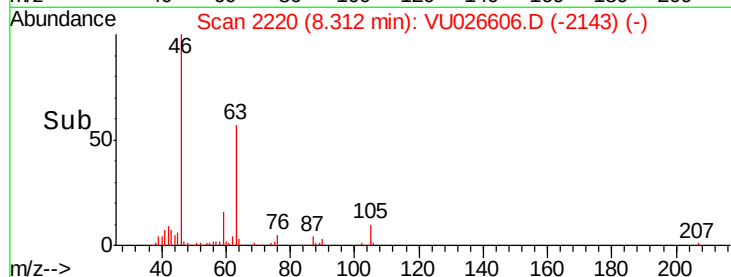
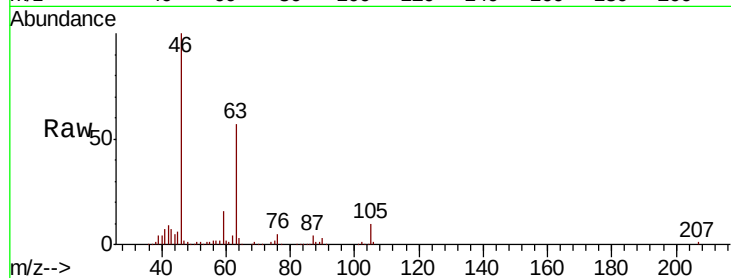




#48
2-Hexanone
Concen: 6.188 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU026606.D
Acq: 07 Sep 2018 02:38

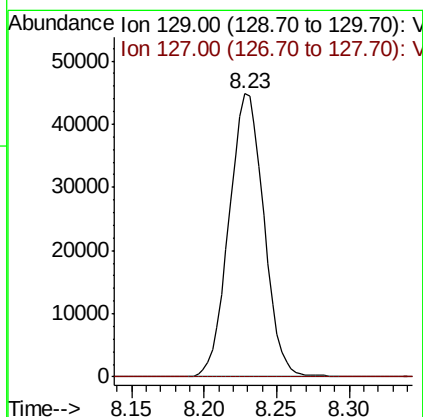
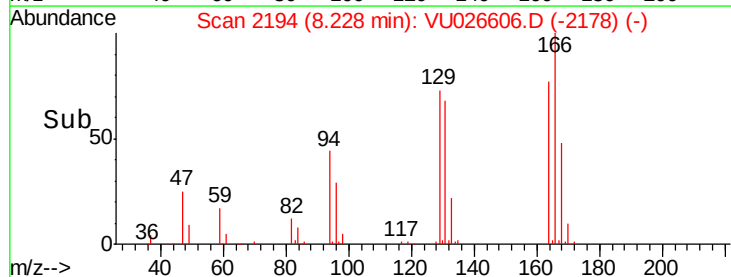
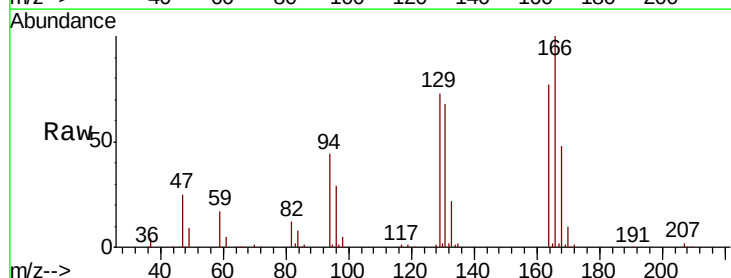
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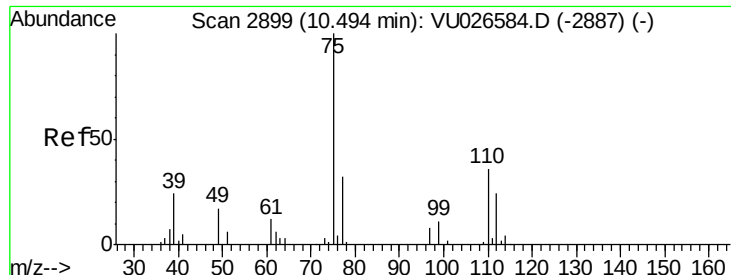
Tgt Ion: 43 Resp: 7664
Ion Ratio Lower Upper
43 100
58 29.5 42.2 63.4#
57 27.8 14.6 21.8#
100 0.0 8.3 12.5#



#49
Dibromochloromethane
Concen: 62.167 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.25 min
Lab File: VU026606.D
Acq: 07 Sep 2018 02:38

Tgt Ion: 129 Resp: 74830
Ion Ratio Lower Upper
129 100
127 0.0 55.0 102.2#





#59

1,2,3-Trichloropropane

Concen: 4.802 ug/L

RT: 11.49 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026606.D

Acq: 07 Sep 2018 02:38

Instrument :

MSVOA_U

ClientSampleId :

C0SY9

Tgt Ion: 75 Resp: 6987

Ion Ratio Lower Upper

75 100

77 38.2 25.0 37.6#

