

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030717.D
 Acq On : 05 Apr 2019 04:34
 Operator : JC/SP
 Sample : K2271-13 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB7D4

Quant Time: Apr 05 05:05:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 02:15:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	493569	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	483895	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	201926	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	237851	53.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.96%
7) Chloroethane-d5	1.68	69	183287	54.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.62%
11) 1,1-Dichloroethene-d2	2.27	63	319997	40.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.30%
21) 2-Butanone-d5	4.17	46	368559	105.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.54%
24) Chloroform-d	4.64	84	316822	47.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.14%
26) 1,2-Dichloroethane-d4	5.30	65	233103	50.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.52%
32) Benzene-d6	5.34	84	723531	51.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.44%
36) 1,2-Dichloropropane-d6	6.32	67	248690	51.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.74%
41) Toluene-d8	7.56	98	623772	49.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.64%
43) trans-1,3-Dichloropropene-	7.85	79	103393	46.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.68%
47) 2-Hexanone-d5	8.31	63	226418	102.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.33%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	327825	50.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	209572	52.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.54%

Target Compounds

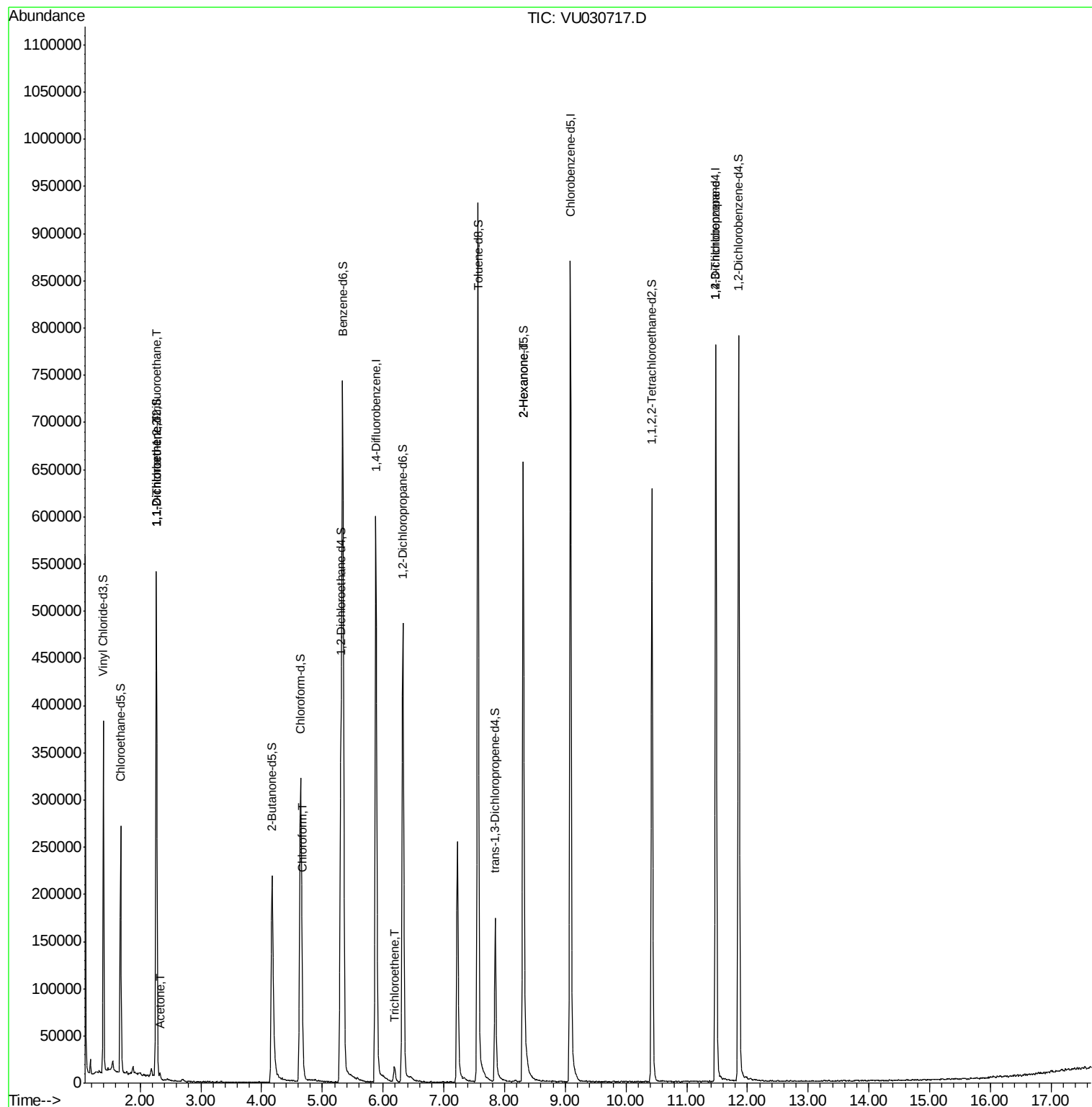
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2941	0.832 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2420	0.709 ug/L #	1
13) Acetone	2.32	43	1768	0.495 ug/L	72
25) Chloroform	4.67	83	36681	4.882 ug/L	99
34) Trichloroethene	6.19	95	5533	1.425 ug/L	87
48) 2-Hexanone	8.31	43	28729	5.107 ug/L #	73
59) 1,2,3-Trichloropropane	11.48	75	24814	4.621 ug/L #	85

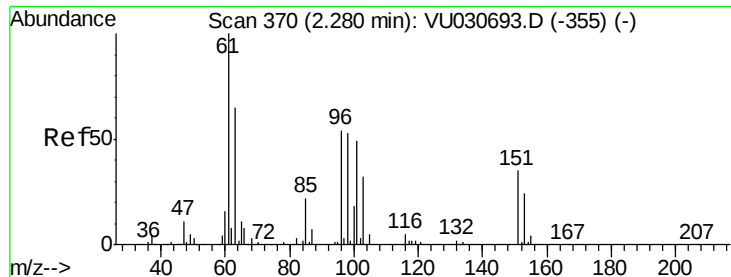
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 05 02:15:56 2019
Response via : Initial Calibration





#10

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

Concen: 0.832 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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Instrument :

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DB7D4

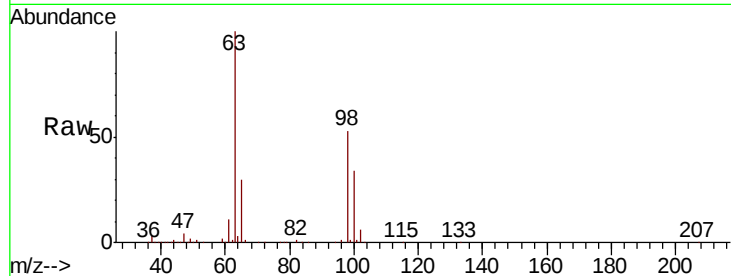
Tot Ion:101 Resp: 2941

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

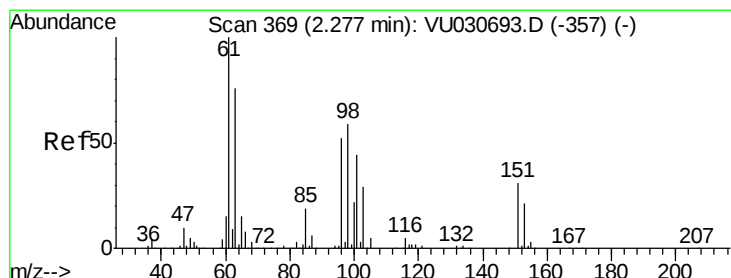
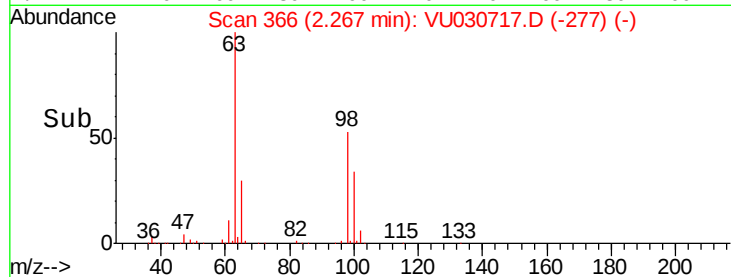
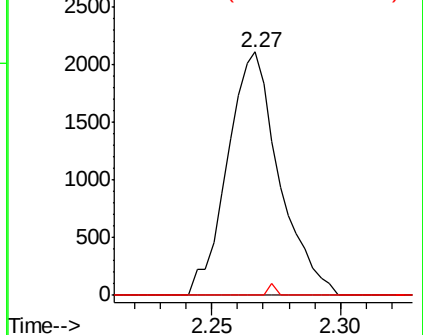
151 0.0 57.4 86.0#



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: 0.709 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030717.D

Acq: 05 Apr 2019 04:34

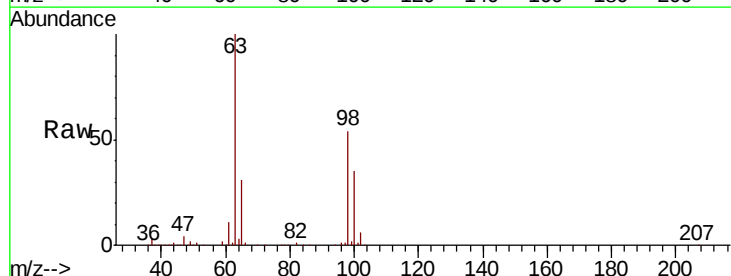
Tgt Ion: 96 Resp: 2420

Ion Ratio Lower Upper

96 100

61 1426.7 132.0 245.2#

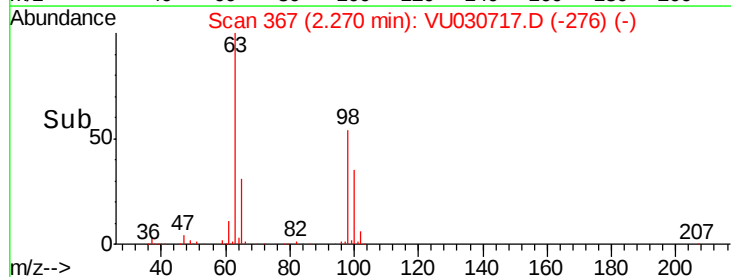
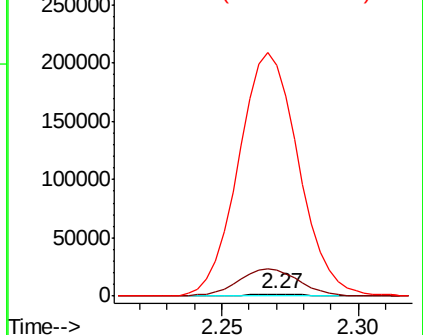
63 12544.6 90.9 168.9#

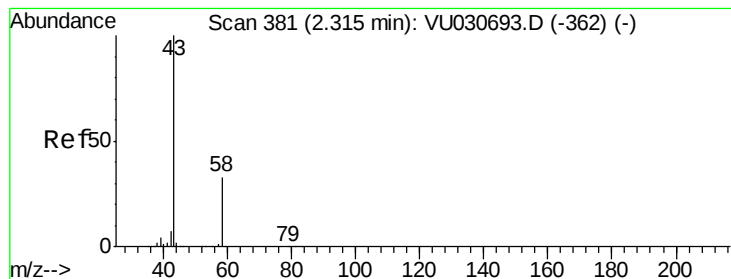


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.495 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU030717.D

Acq: 05 Apr 2019 04:34

Instrument :

MSVOA_U

ClientSampleId :

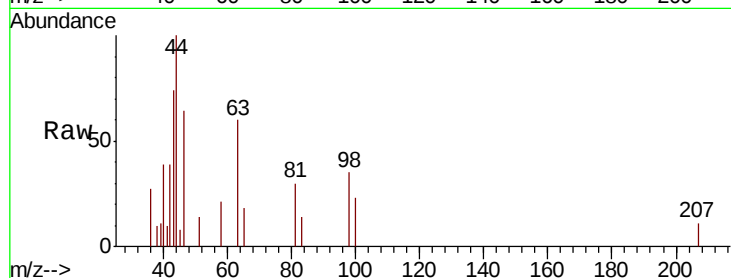
DB7D4

Tot Ion: 43 Resp: 1768

Ion Ratio Lower Upper

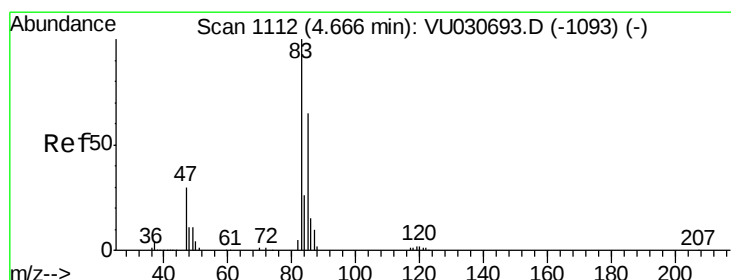
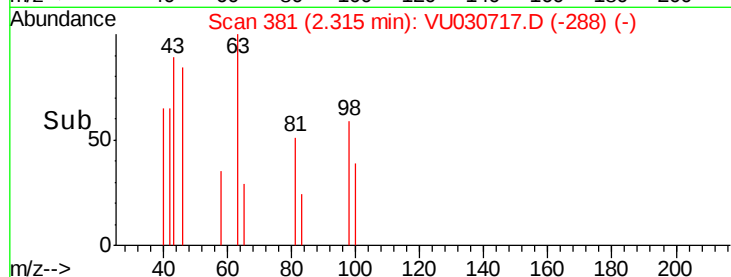
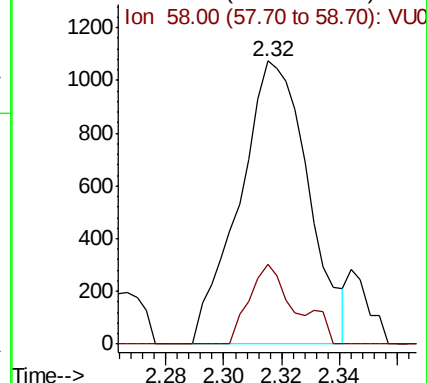
43 100

58 16.2 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU030717.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU030717.D (-288) (-)



#25

Chloroform

Concen: 4.882 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VU030717.D

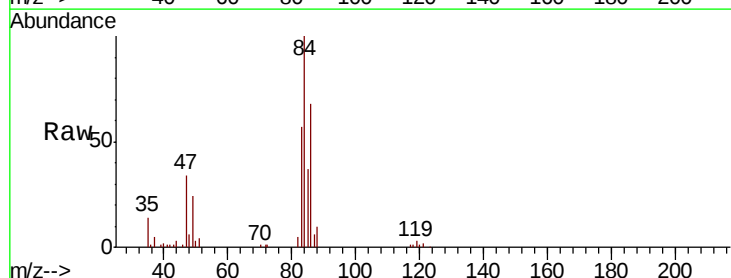
Acq: 05 Apr 2019 04:34

Tgt Ion: 83 Resp: 36681

Ion Ratio Lower Upper

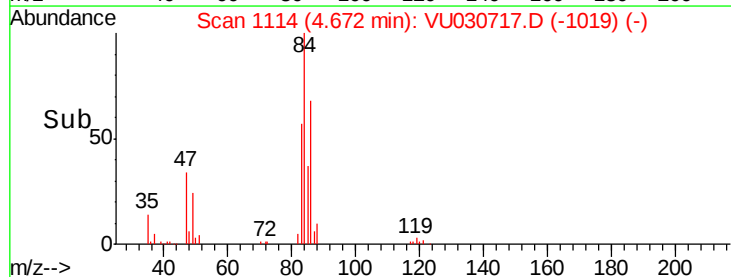
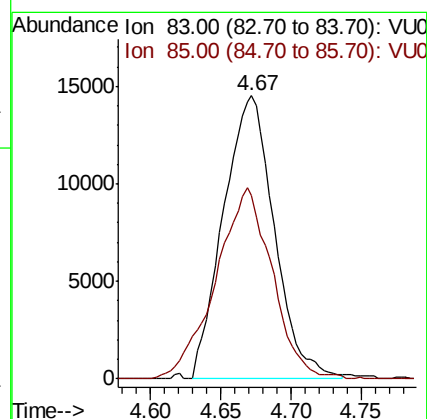
83 100

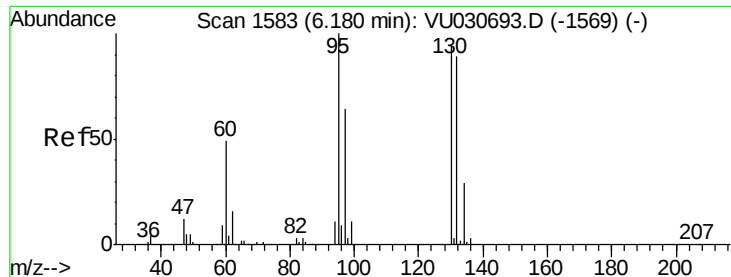
85 64.7 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU030717.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VU030717.D (-1019) (-)

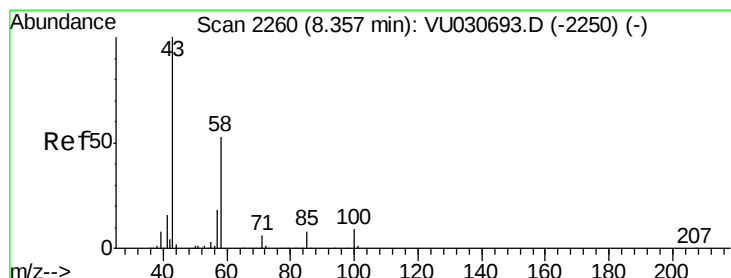
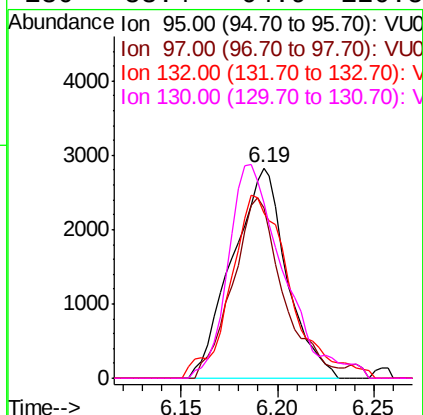
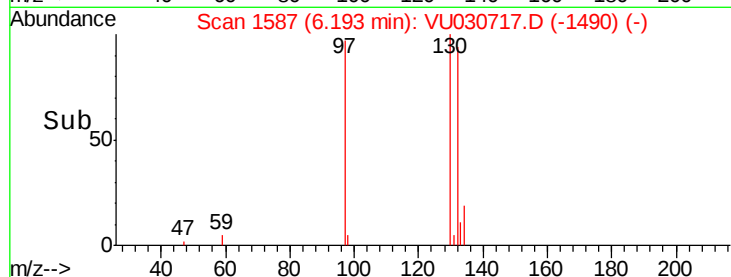
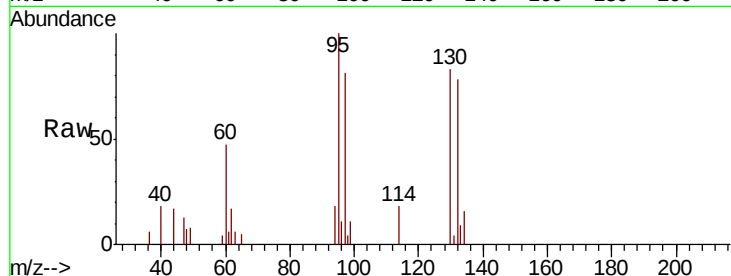




#34
 Trichloroethene
 Concen: 1.425 ug/L
 RT: 6.19 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: VU030717.D
 Acq: 05 Apr 2019 04:34

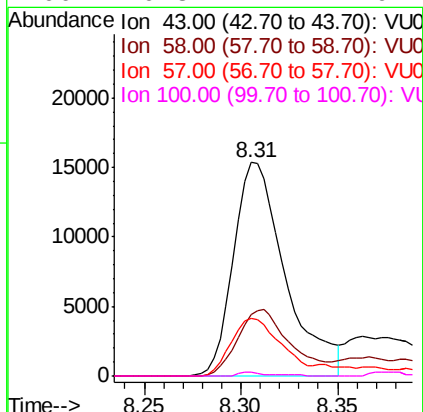
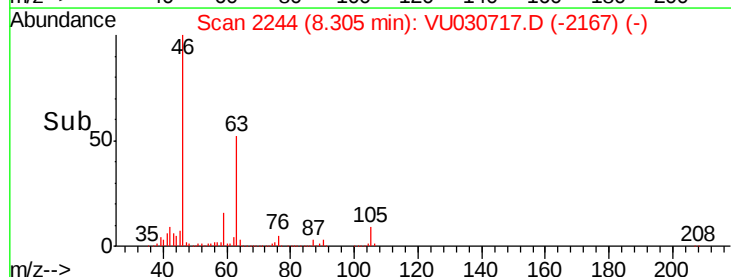
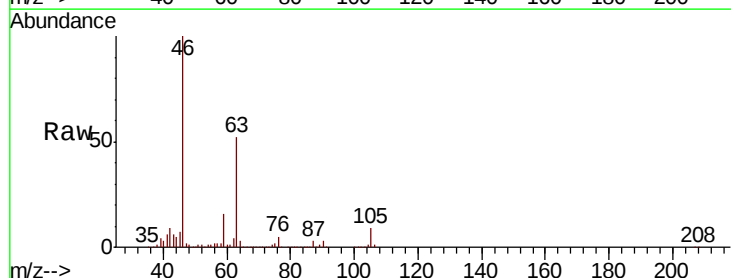
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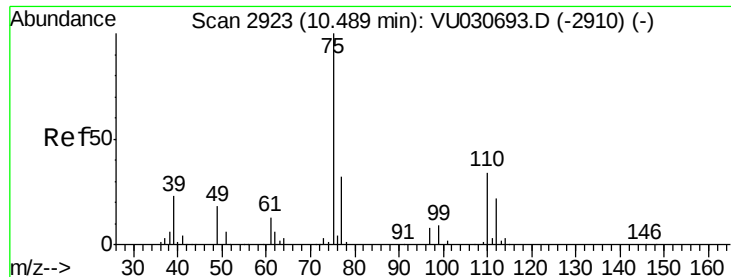
Tot Ion: 95 Resp: 5533
 Ion Ratio Lower Upper
 95 100
 97 81.0 44.5 82.7
 132 78.3 61.5 114.1
 130 83.4 64.9 120.5



#48
 2-Hexanone
 Concen: 5.107 ug/L
 RT: 8.31 min Scan# 2244
 Delta R.T. -0.05 min
 Lab File: VU030717.D
 Acq: 05 Apr 2019 04:34

Tgt Ion: 43 Resp: 28729
 Ion Ratio Lower Upper
 43 100
 58 31.2 41.9 62.9#
 57 26.1 14.3 21.5#
 100 0.8 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 4.621 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030717.D

Acq: 05 Apr 2019 04:34

Instrument :

MSVOA_U

ClientSampleId :

DB7D4

Tot Ion: 75 Resp: 24814

Ion Ratio Lower Upper

75 100

77 40.8 26.1 39.1#

