

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031079.D
 Acq On : 11 Apr 2019 19:17
 Operator : JC/SP
 Sample : K2341-08DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB723DL

Quant Time: Apr 12 04:50:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:43:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	447032	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	451565	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	195358	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	154212	38.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.28%
7) Chloroethane-d5	1.68	69	135976	44.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.27	63	232085	32.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.30%
21) 2-Butanone-d5	4.17	46	326124	103.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.11%
24) Chloroform-d	4.64	84	309889	50.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.68%
26) 1,2-Dichloroethane-d4	5.31	65	215420	51.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.58%
32) Benzene-d6	5.33	84	590170	44.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.54%
36) 1,2-Dichloropropane-d6	6.32	67	211840	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.78%
41) Toluene-d8	7.56	98	507366	43.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.84%
43) trans-1,3-Dichloropropene-	7.85	79	91190	44.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.54%
47) 2-Hexanone-d5	8.31	63	182832	88.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.55%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	302572	49.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	198039	51.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.10%

Target Compounds

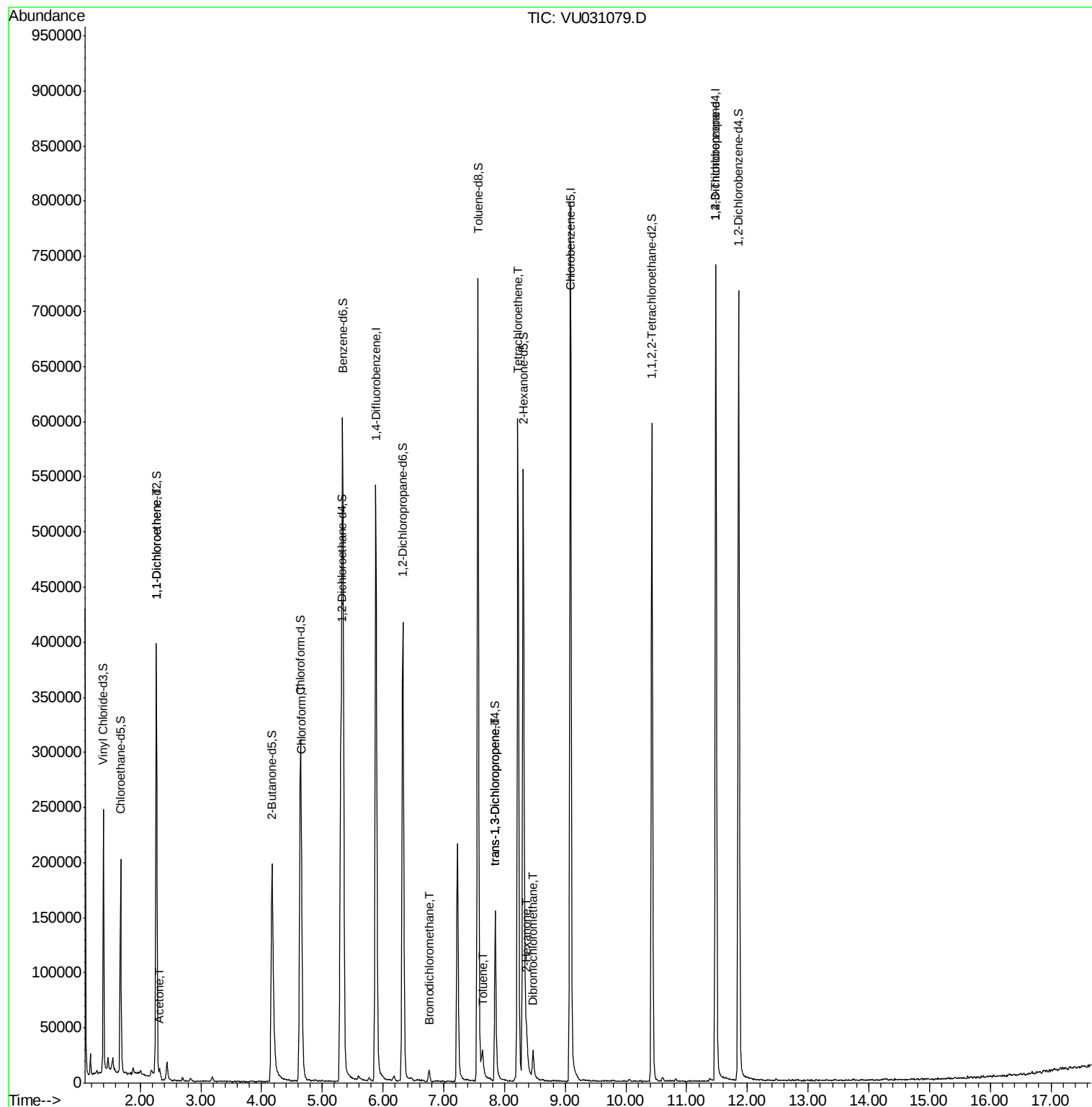
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.26	96	1825	0.591	ug/L #	1
13) Acetone	2.32	43	6367	1.967	ug/L	96
25) Chloroform	4.66	83	27291	4.010	ug/L	95
38) Bromodichloromethane	6.76	83	7414	1.469	ug/L #	91
42) Toluene	7.64	91	16319	1.082	ug/L	96
44) trans-1,3-Dichloropropene	7.85	75	3380	0.644	ug/L	90
46) Tetrachloroethene	8.22	164	137772	52.285	ug/L	99
48) 2-Hexanone	8.36	43	12445	2.371	ug/L #	83
49) Dibromochloromethane	8.48	129	2009	0.534	ug/L	92
59) 1,2,3-Trichloropropane	11.48	75	23852	4.760	ug/L	95

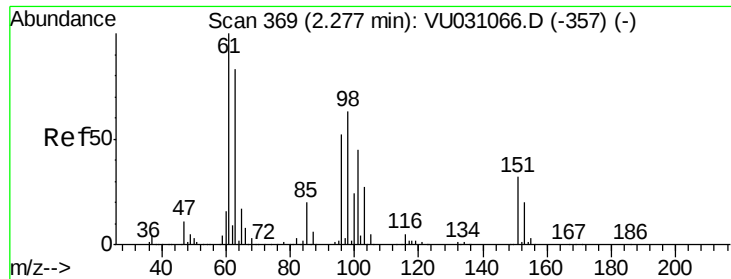
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 12 04:43:47 2019
Response via : Initial Calibration

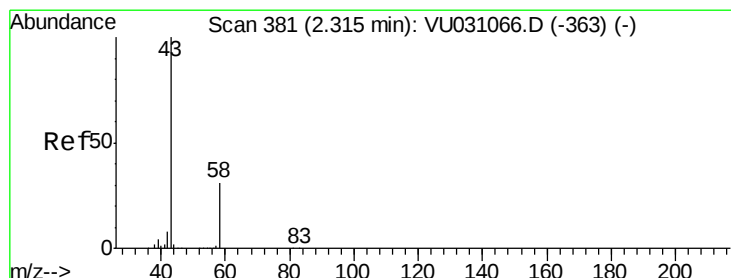
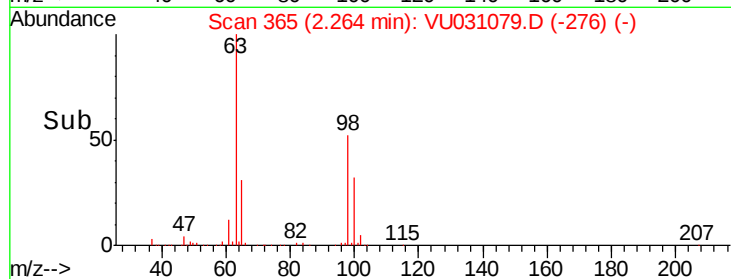
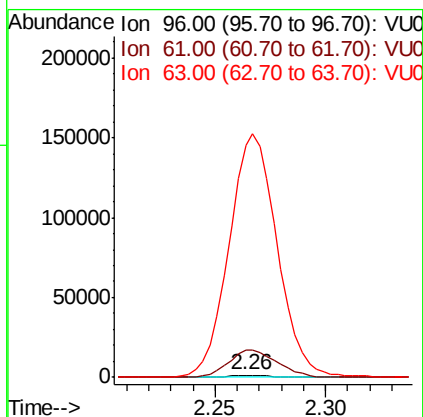
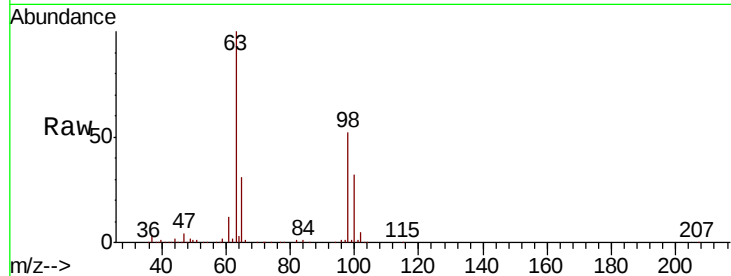




#12
 1,1-Dichloroethene
 Concen: 0.591 ug/L
 RT: 2.26 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VU031079.D
 Acq: 11 Apr 2019 19:17

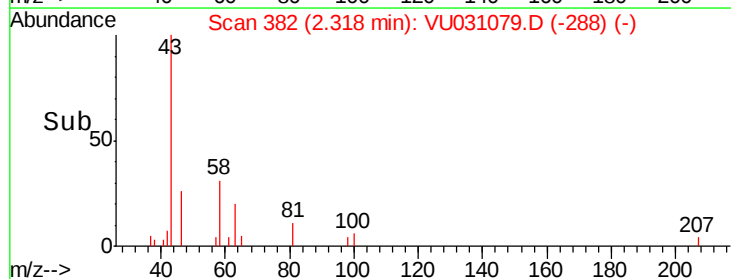
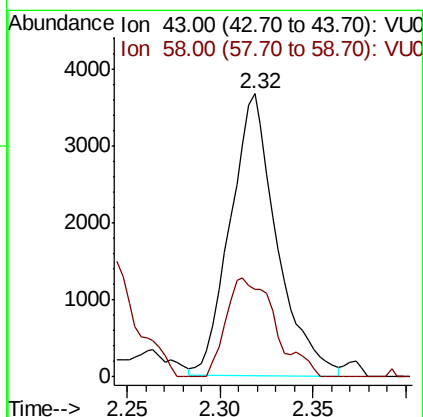
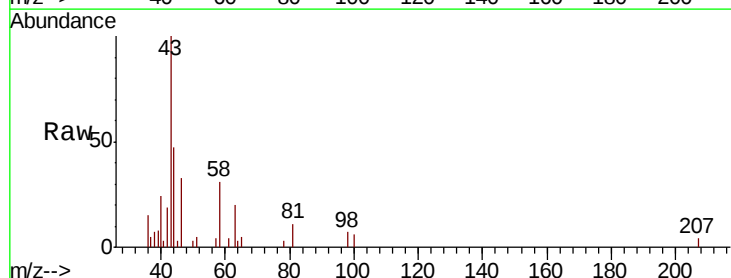
Instrument :
 MSVOA_U
 ClientSampleId :
 DB723DL

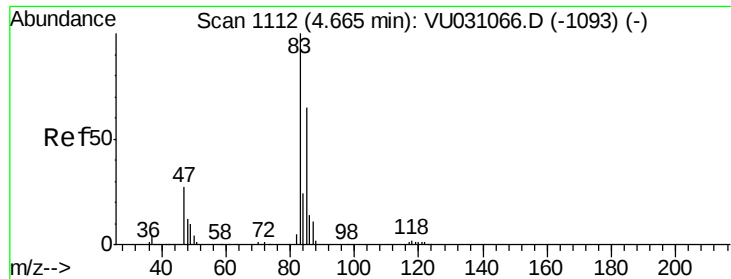
Tot Ion: 96 Resp: 1825
 Ion Ratio Lower Upper
 96 100
 61 1588.9 132.0 245.2#
 63 13463.1 90.9 168.9#



#13
 Acetone
 Concen: 1.967 ug/L
 RT: 2.32 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VU031079.D
 Acq: 11 Apr 2019 19:17

Tgt Ion: 43 Resp: 6367
 Ion Ratio Lower Upper
 43 100
 58 34.2 0.0 64.0

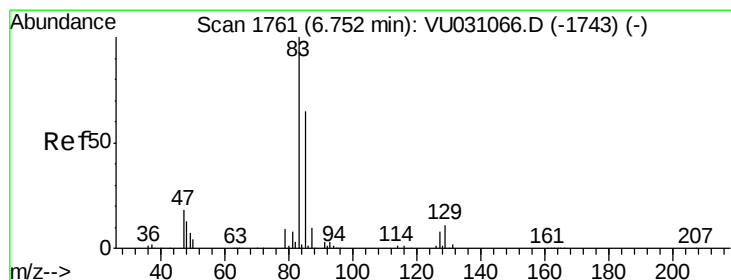
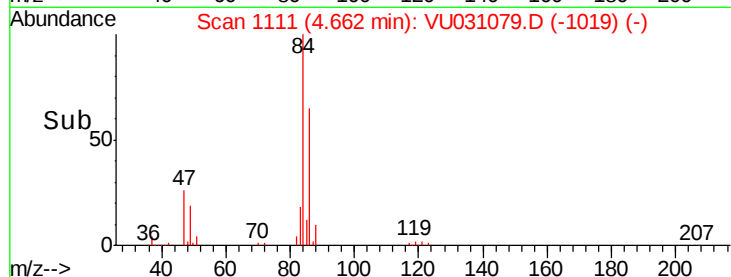
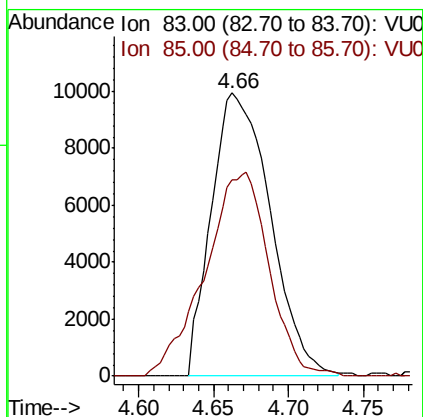
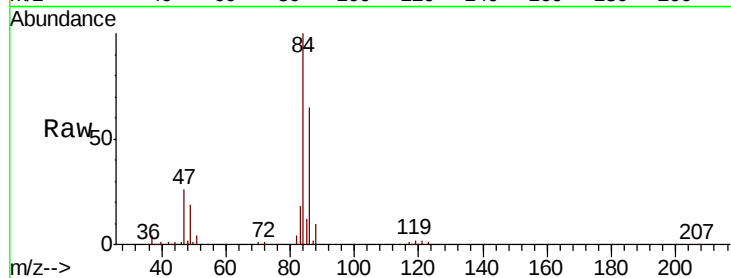




#25
Chloroform
Concen: 4.010 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VU031079.D
Acq: 11 Apr 2019 19:17

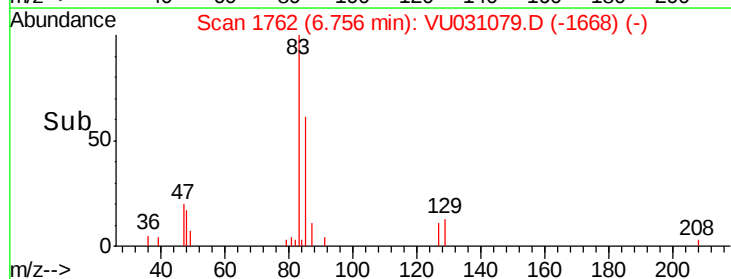
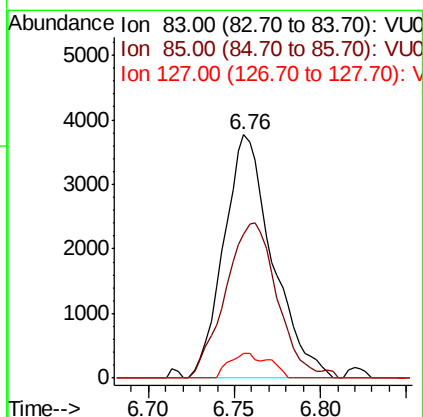
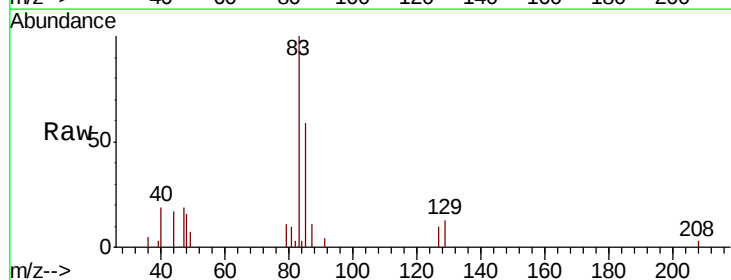
Instrument :
MSVOA_U
ClientSampleId :
DB723DL

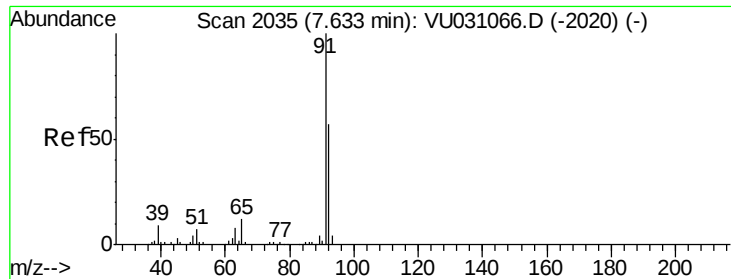
Tot Ion: 83 Resp: 27291
Ion Ratio Lower Upper
83 100
85 69.2 45.8 85.0



#38
Bromodichloromethane
Concen: 1.469 ug/L
RT: 6.76 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VU031079.D
Acq: 11 Apr 2019 19:17

Tgt Ion: 83 Resp: 7414
Ion Ratio Lower Upper
83 100
85 59.3 46.5 86.3
127 10.3 6.6 10.0#





#42

Toluene

Concen: 1.082 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU031079.D

Acq: 11 Apr 2019 19:17

Instrument :

MSVOA_U

ClientSampleId :

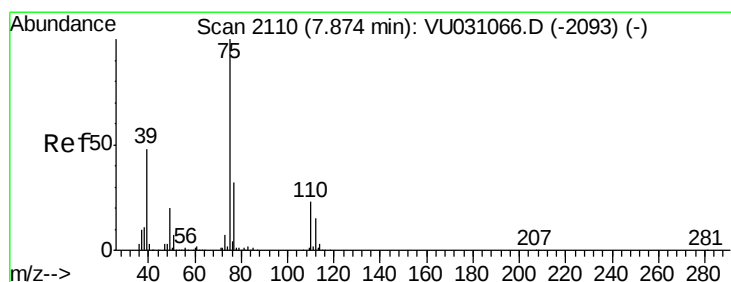
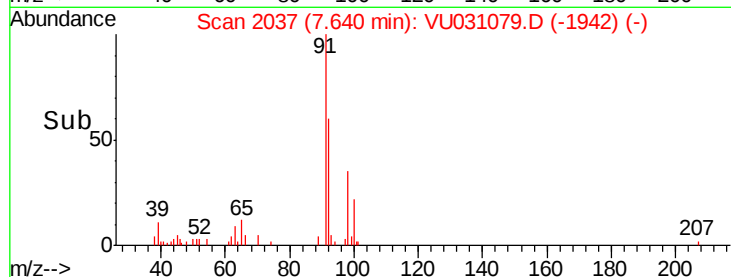
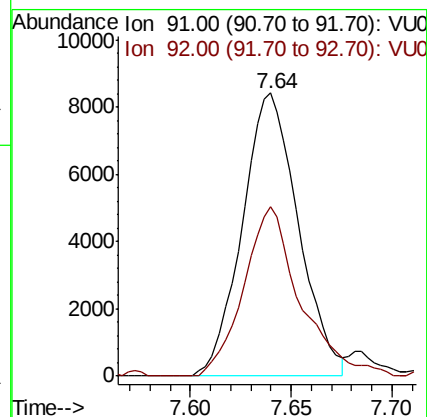
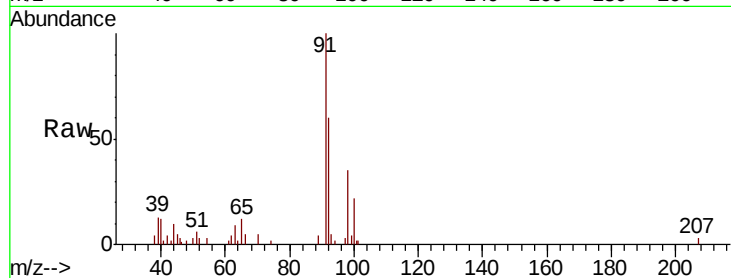
DB723DL

Tot Ion: 91 Resp: 16319

Ion Ratio Lower Upper

91 100

92 59.8 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 0.644 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031079.D

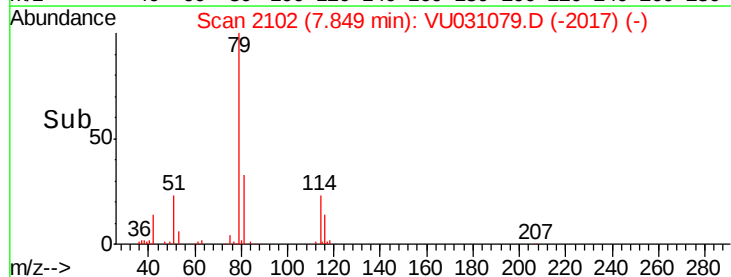
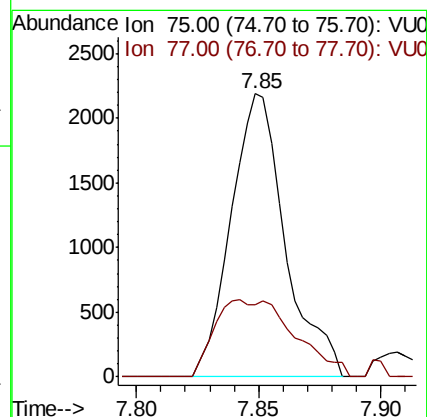
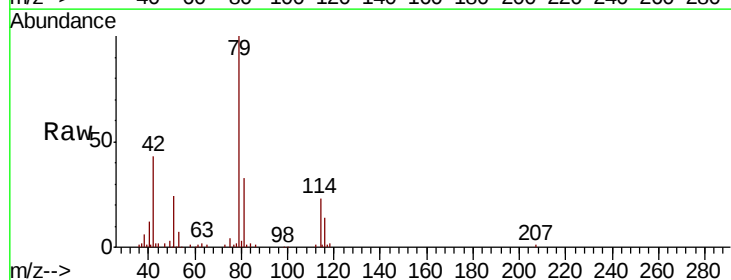
Acq: 11 Apr 2019 19:17

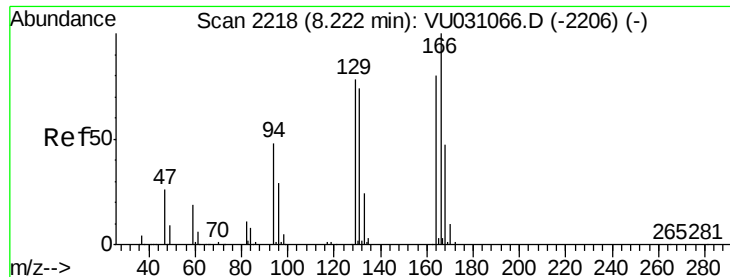
Tgt Ion: 75 Resp: 3380

Ion Ratio Lower Upper

75 100

77 25.6 21.6 40.0





#46

Tetrachloroethene

Concen: 52.285 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU031079.D

Acq: 11 Apr 2019 19:17

Instrument :

MSVOA_U

ClientSampleId :

DB723DL

Tot Ion:164 Resp: 137772

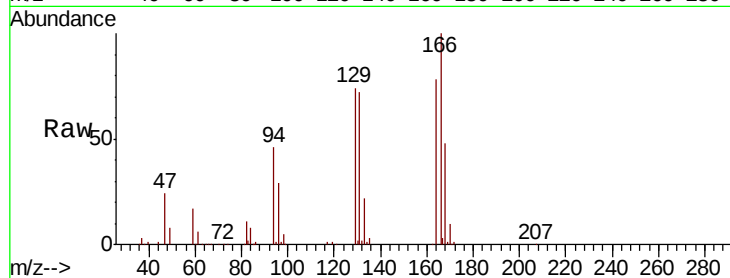
Ion Ratio Lower Upper

164 100

129 95.3 67.4 125.2

131 92.8 65.9 122.5

166 128.6 88.6 164.6

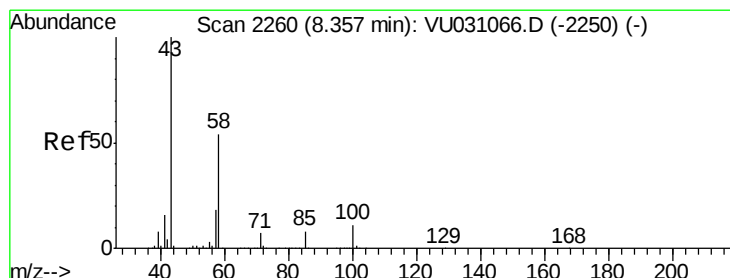
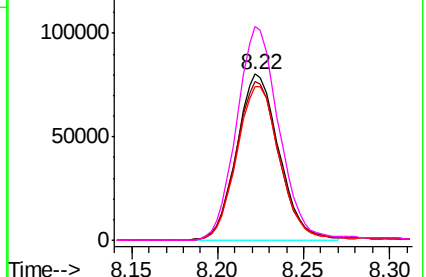
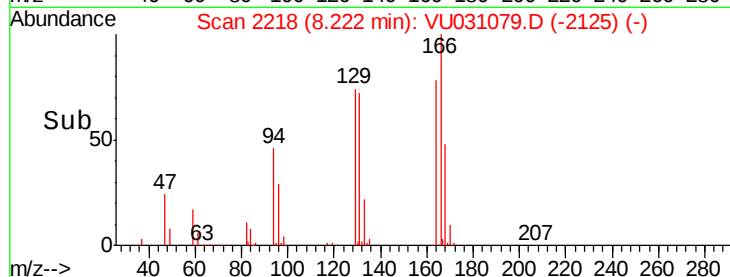


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 2.371 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.01 min

Lab File: VU031079.D

Acq: 11 Apr 2019 19:17

Tgt Ion: 43 Resp: 12445

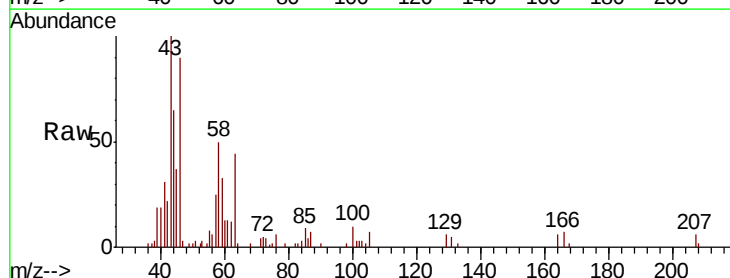
Ion Ratio Lower Upper

43 100

58 43.1 41.9 62.9

57 3.3 14.3 21.5#

100 5.4 7.1 10.7#

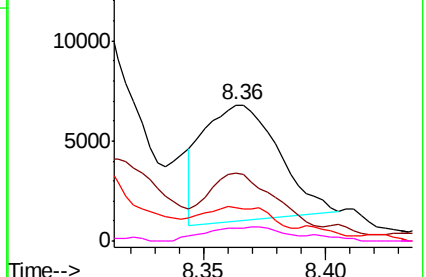
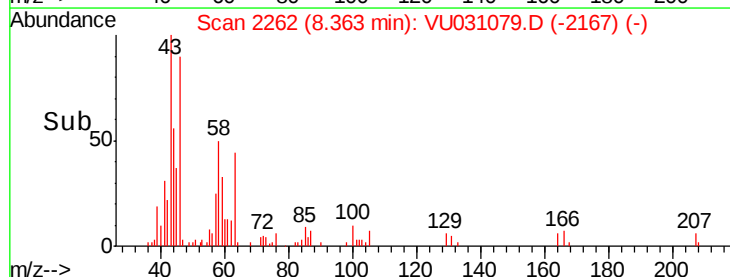


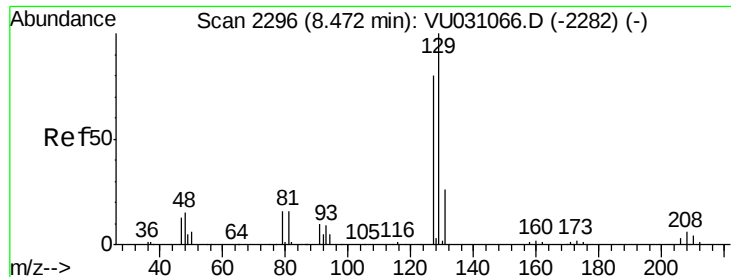
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#49

Dibromochloromethane

Concen: 0.534 ug/L

RT: 8.48 min Scan# 2297

Delta R.T. 0.00 min

Lab File: VU031079.D

Acq: 11 Apr 2019 19:17

Instrument :

MSVOA_U

ClientSampleId :

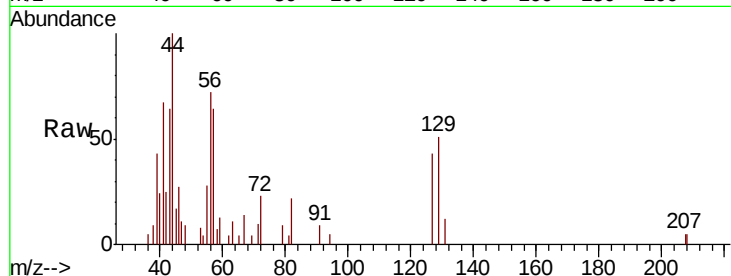
DB723DL

Tot Ion:129 Resp: 2009

Ion Ratio Lower Upper

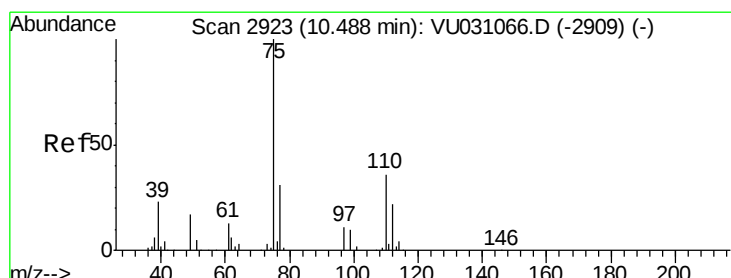
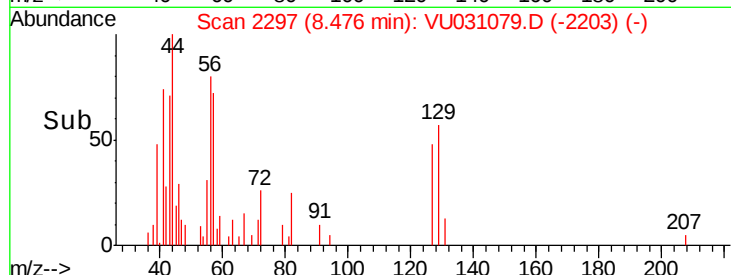
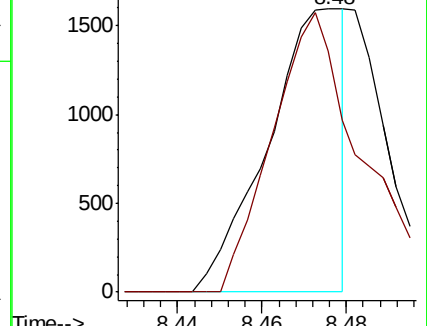
129 100

127 85.3 54.5 101.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 4.760 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031079.D

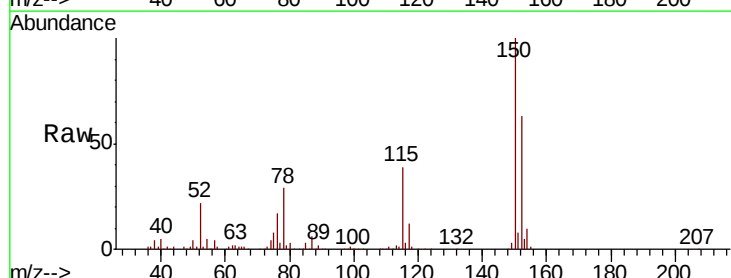
Acq: 11 Apr 2019 19:17

Tgt Ion: 75 Resp: 23852

Ion Ratio Lower Upper

75 100

77 35.4 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

