

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031110.D
 Acq On : 12 Apr 2019 07:29
 Operator : JC/SP
 Sample : K2341-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 102 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB728

Quant Time: Apr 12 08:49:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 07:24:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	526423	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	511692	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	224273	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	161628	34.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.78%
7) Chloroethane-d5	1.68	69	138513	38.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.68%
11) 1,1-Dichloroethene-d2	2.27	63	227033	26.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.42%#
21) 2-Butanone-d5	4.17	46	348016	93.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.44%
24) Chloroform-d	4.64	84	313103	43.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.24%
26) 1,2-Dichloroethane-d4	5.30	65	217960	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.00%
32) Benzene-d6	5.33	84	615037	41.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.34%
36) 1,2-Dichloropropane-d6	6.32	67	219317	42.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.68%
41) Toluene-d8	7.56	98	525214	39.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.34%#
43) trans-1,3-Dichloropropene-	7.85	79	91198	39.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.14%
47) 2-Hexanone-d5	8.31	63	202318	86.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.47%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	319922	46.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.66%
64) 1,2-Dichlorobenzene-d4	11.85	152	213912	48.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

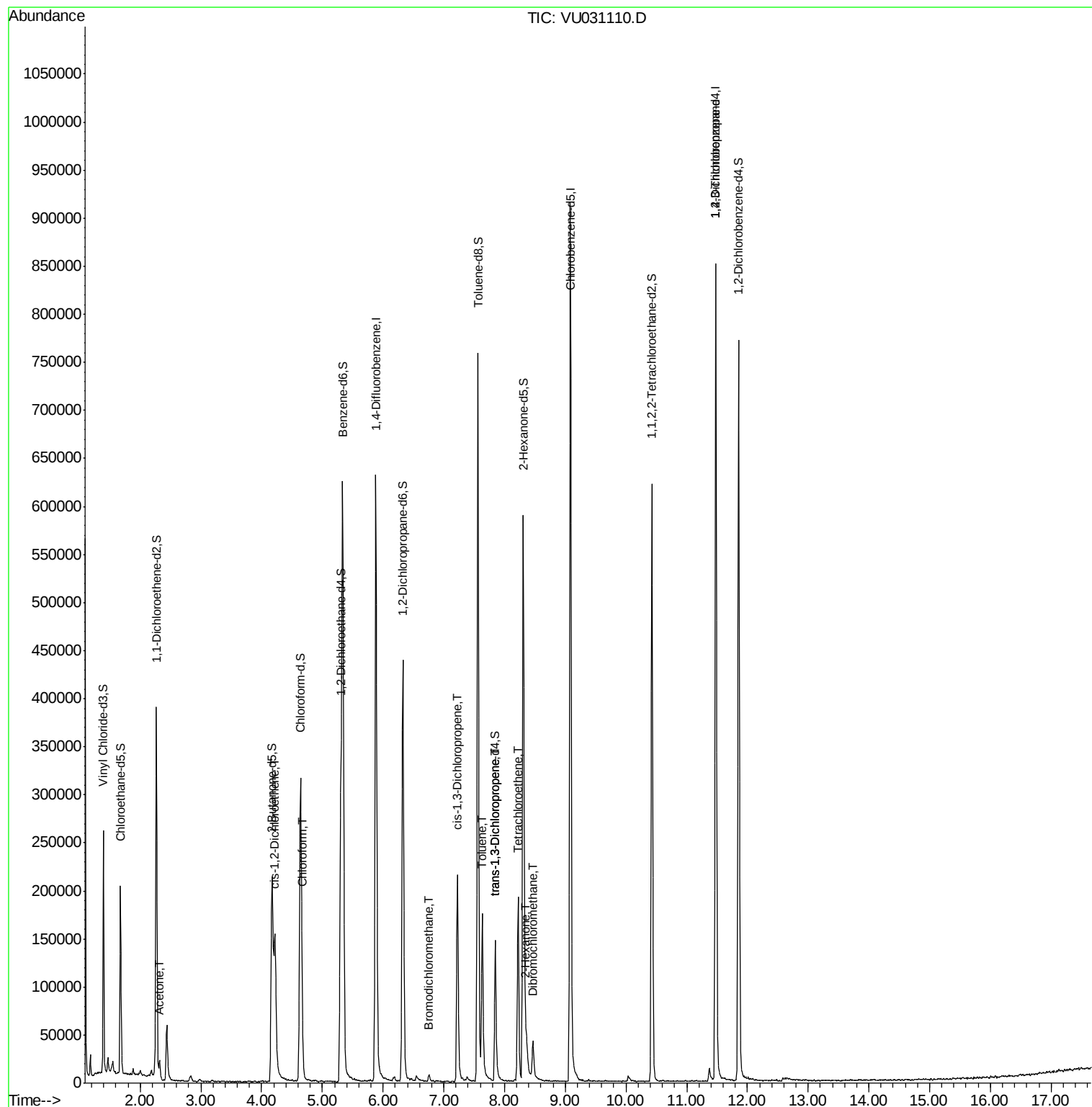
					Ovalue
13) Acetone	2.32	43	18000	4.723	ug/L 99
20) cis-1,2-Dichloroethene	4.22	96	73006	17.113	ug/L 89
25) Chloroform	4.67	83	22973	2.867	ug/L 100
38) Bromodichloromethane	6.76	83	5779	1.010	ug/L 92
39) cis-1,3-Dichloropropene	7.22	75	5671	0.840	ug/L 91
42) Toluene	7.63	91	133017	7.782	ug/L 97
44) trans-1,3-Dichloropropene	7.85	75	3943	0.663	ug/L 89
46) Tetrachloroethene	8.22	164	45451	15.222	ug/L 97
48) 2-Hexanone	8.36	43	12954	2.178	ug/L # 69
49) Dibromochloromethane	8.47	129	2309	0.541	ug/L 80
59) 1,2,3-Trichloropropane	11.48	75	28682	5.051	ug/L 94

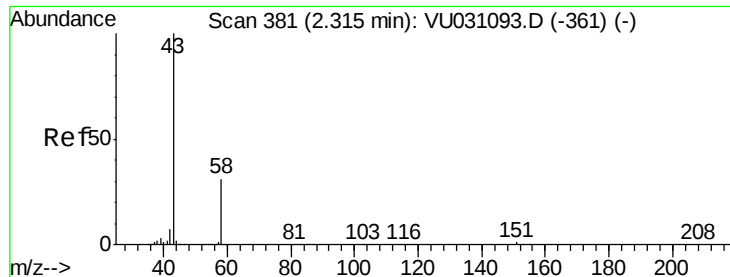
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.723 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU031110.D

Acq: 12 Apr 2019 07:29

Instrument :

MSVOA_U

ClientSampled :

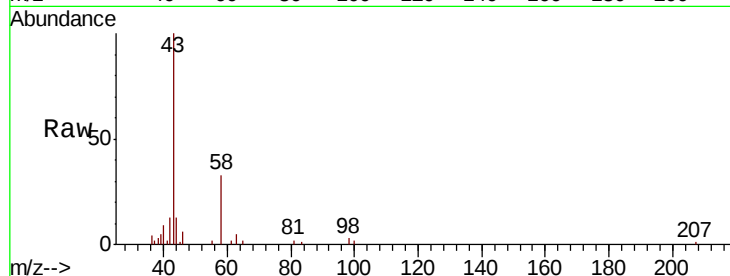
DB728

Tot Ion: 43 Resp: 18000

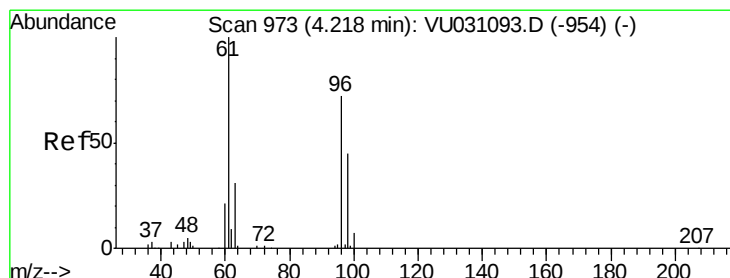
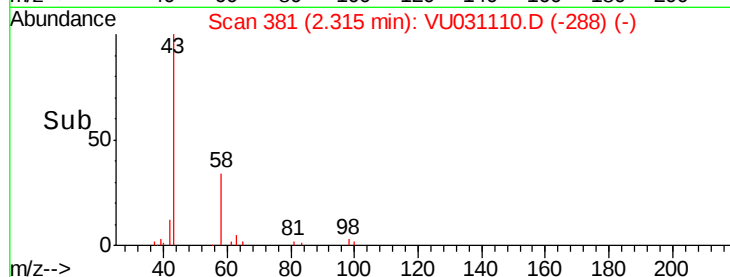
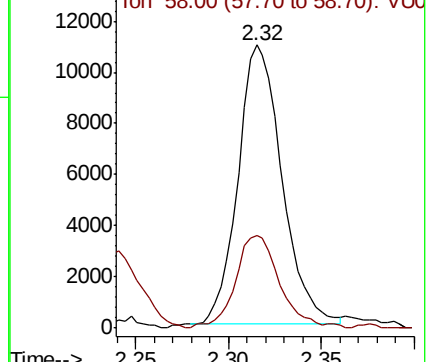
Ion Ratio Lower Upper

43 100

58 32.3 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031093.D (-361) (-)



#20

cis-1,2-Dichloroethene

Concen: 17.113 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU031110.D

Acq: 12 Apr 2019 07:29

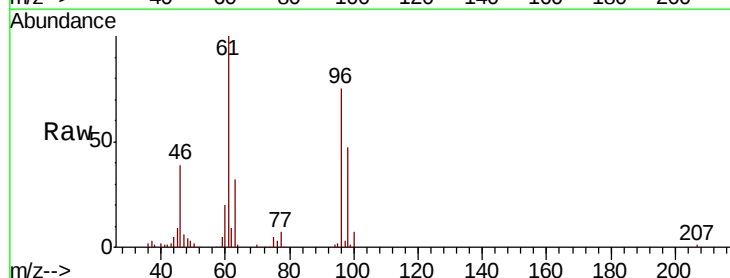
Tgt Ion: 96 Resp: 73006

Ion Ratio Lower Upper

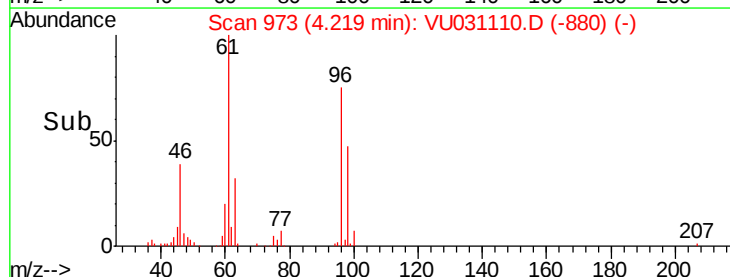
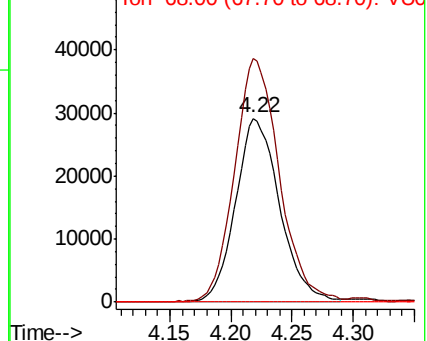
96 100

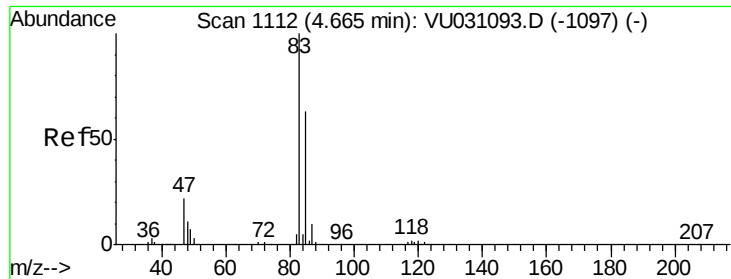
61 132.6 102.9 191.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU031093.D (-954) (-)

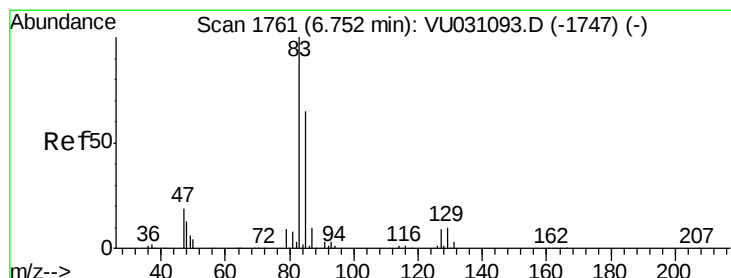
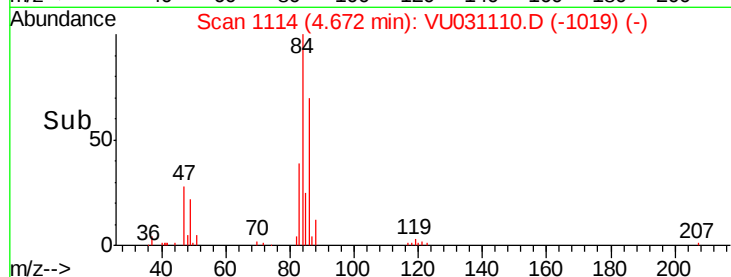
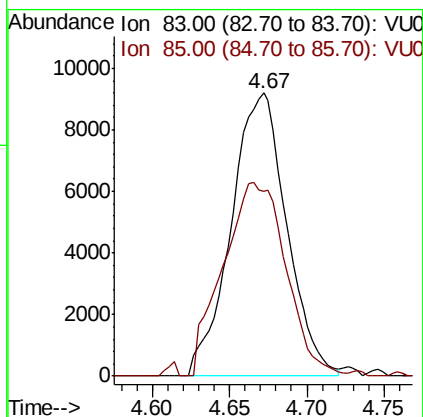
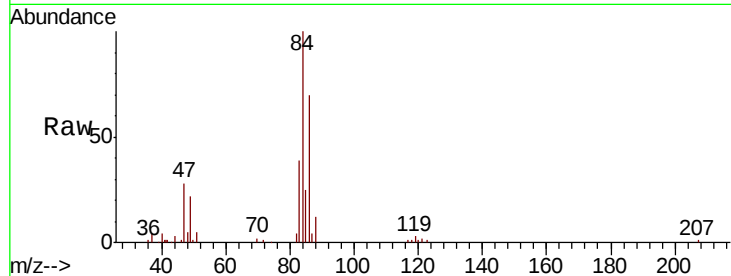




#25
Chloroform
Concen: 2.867 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VU031110.D
Acq: 12 Apr 2019 07:29

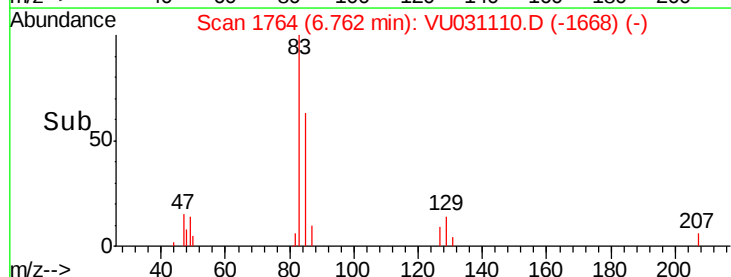
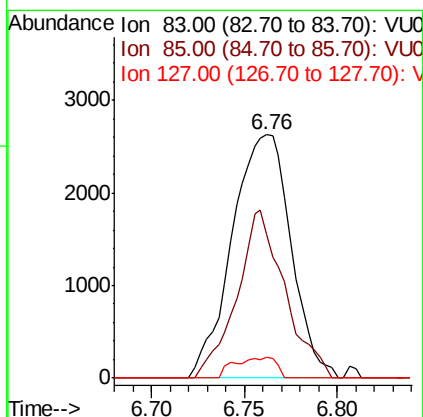
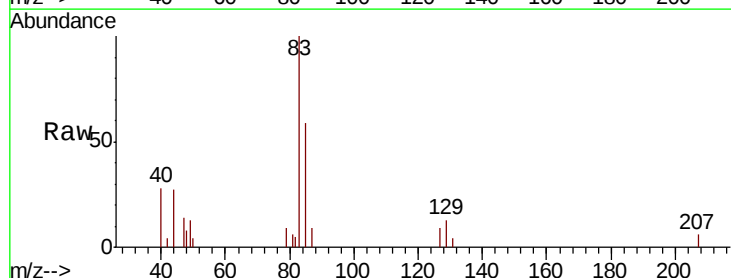
Instrument :
MSVOA_U
ClientSampled :
DB728

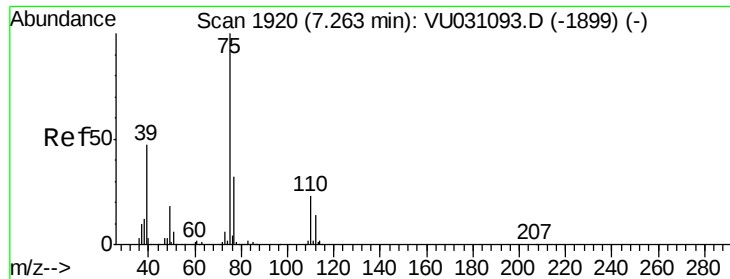
Tot Ion: 83 Resp: 22973
Ion Ratio Lower Upper
83 100
85 65.3 45.8 85.0



#38
Bromodichloromethane
Concen: 1.010 ug/L
RT: 6.76 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VU031110.D
Acq: 12 Apr 2019 07:29

Tgt Ion: 83 Resp: 5779
Ion Ratio Lower Upper
83 100
85 59.0 46.5 86.3
127 8.5 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 0.840 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU031110.D

Acq: 12 Apr 2019 07:29

Instrument :

MSVOA_U

ClientSampleId :

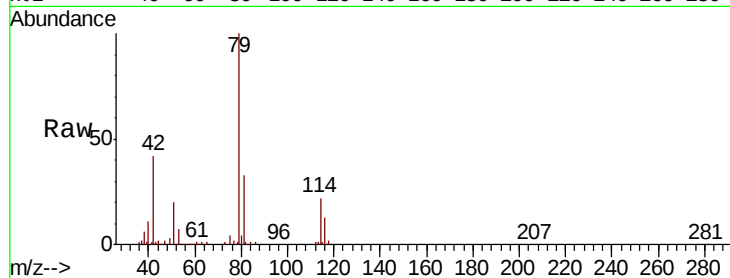
DB728

Tot Ion: 75 Resp: 5671

Ion Ratio Lower Upper

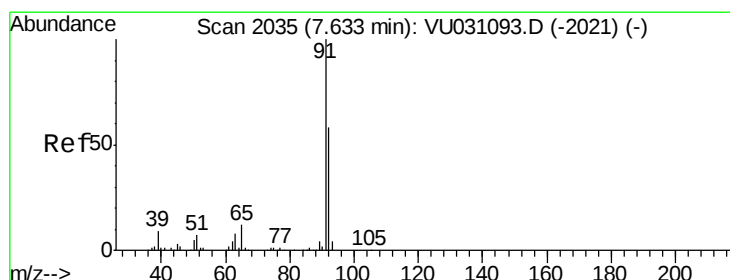
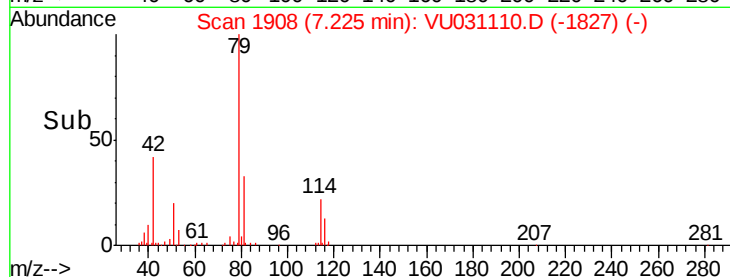
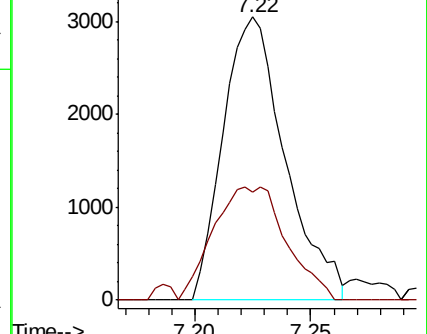
75 100

77 38.4 23.1 42.9



Abundance Ion 75.00 (74.70 to 75.70): VU031110.D (-1827) (-)

Ion 77.00 (76.70 to 77.70): VU031110.D (-1827) (-)



#42

Toluene

Concen: 7.782 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU031110.D

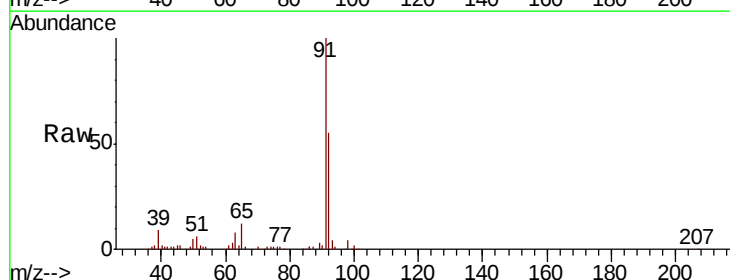
Acq: 12 Apr 2019 07:29

Tgt Ion: 91 Resp: 133017

Ion Ratio Lower Upper

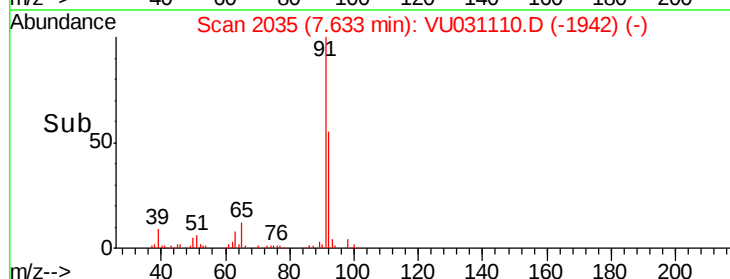
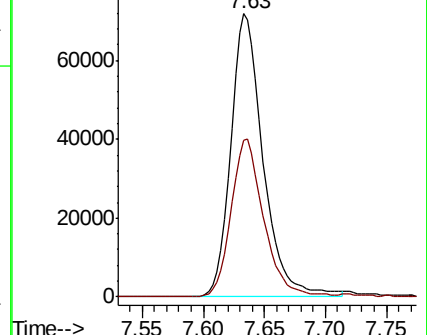
91 100

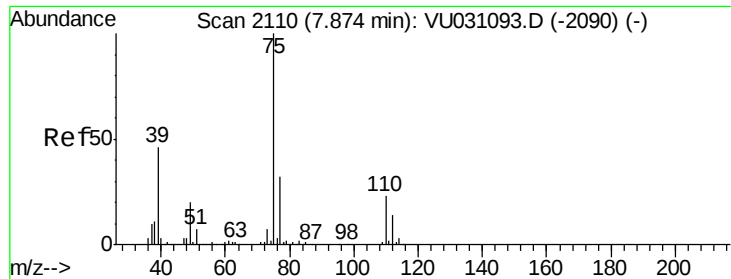
92 55.2 40.0 74.4



Abundance Ion 91.00 (90.70 to 91.70): VU031110.D (-1942) (-)

Ion 92.00 (91.70 to 92.70): VU031110.D (-1942) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.663 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031110.D

Acq: 12 Apr 2019 07:29

Instrument :

MSVOA_U

ClientSampleId :

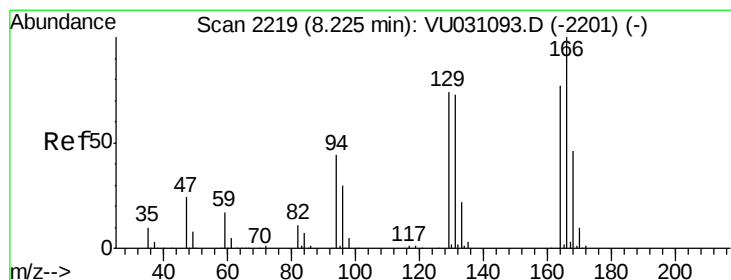
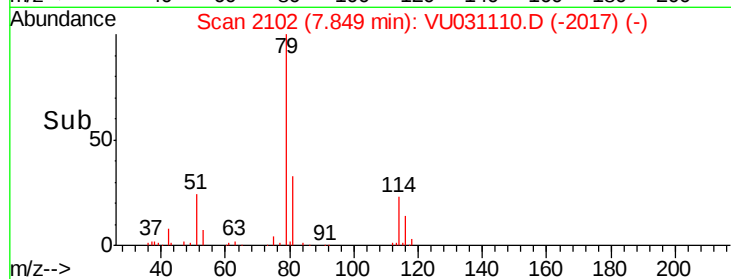
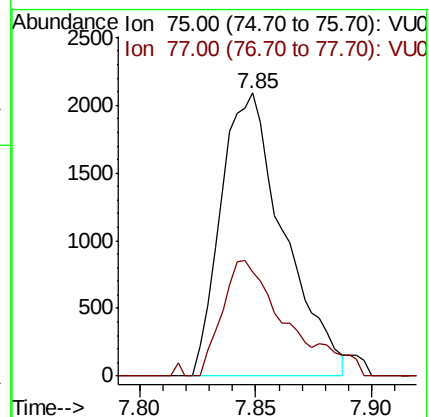
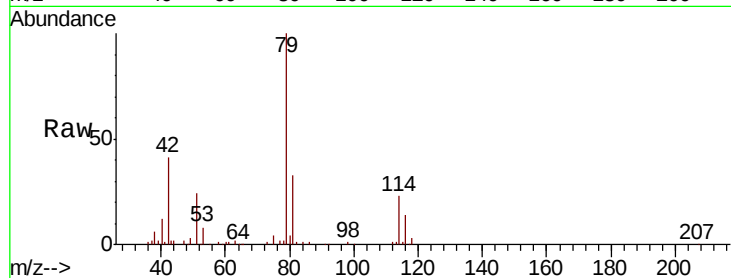
DB728

Tot Ion: 75 Resp: 3943

Ion Ratio Lower Upper

75 100

77 36.9 21.6 40.0



#46

Tetrachloroethene

Concen: 15.222 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031110.D

Acq: 12 Apr 2019 07:29

Tgt Ion:164 Resp: 45451

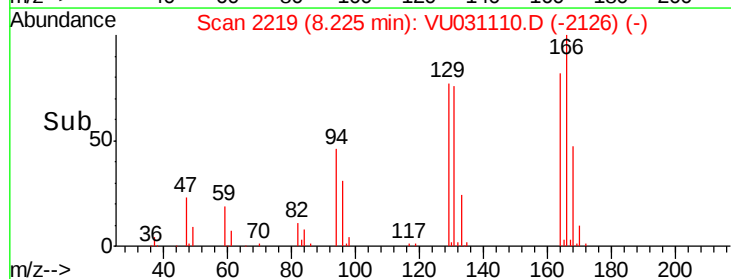
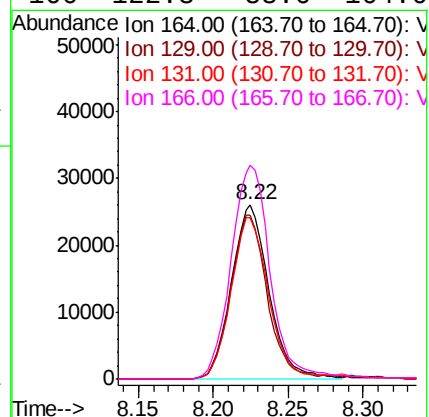
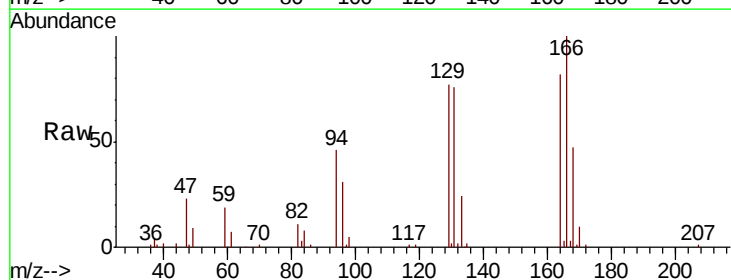
Ion Ratio Lower Upper

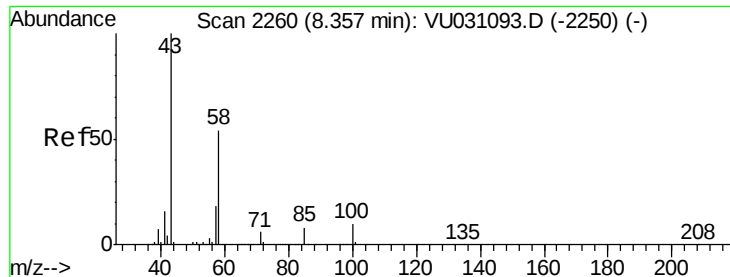
164 100

129 93.8 67.4 125.2

131 92.5 65.9 122.5

166 122.3 88.6 164.6

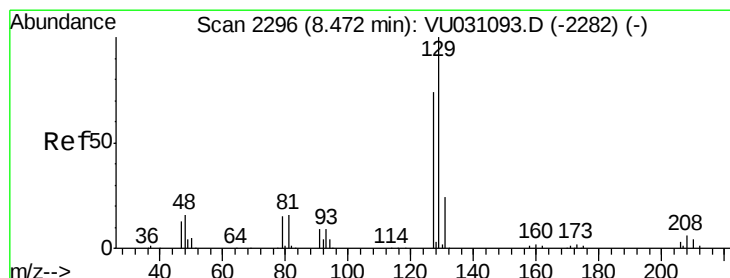
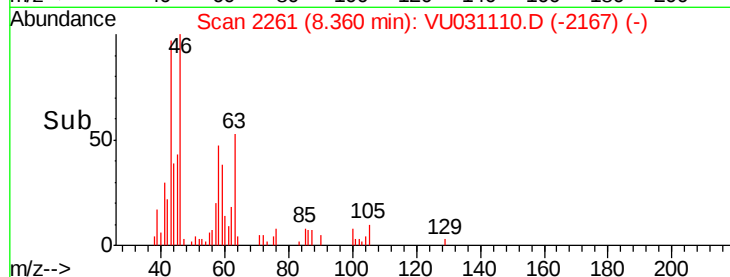
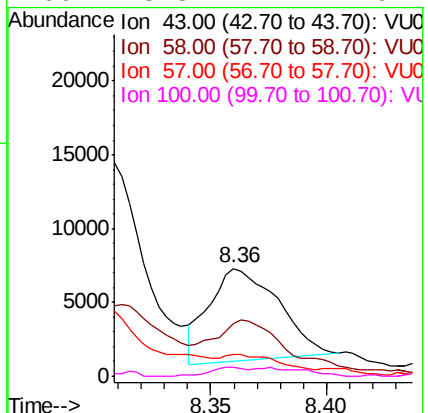
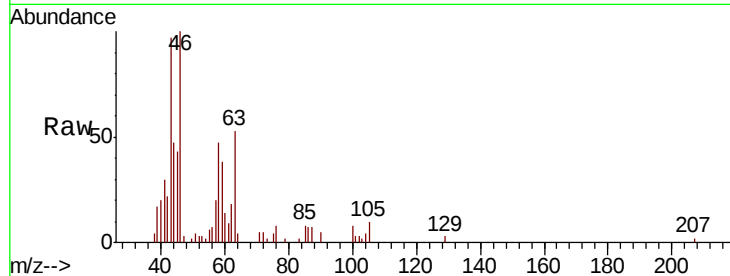




#48
2-Hexanone
Concen: 2.178 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU031110.D
Acq: 12 Apr 2019 07:29

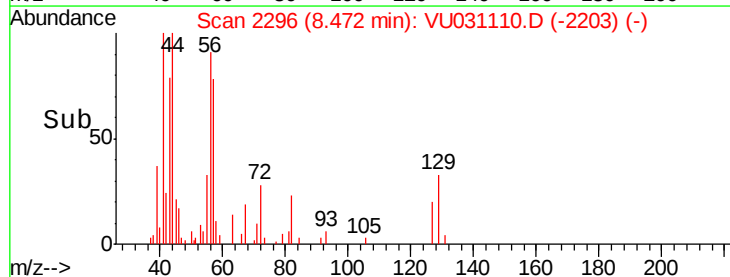
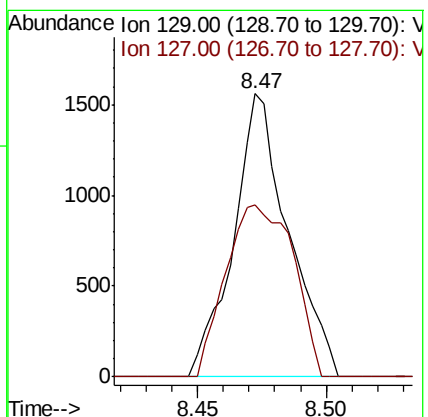
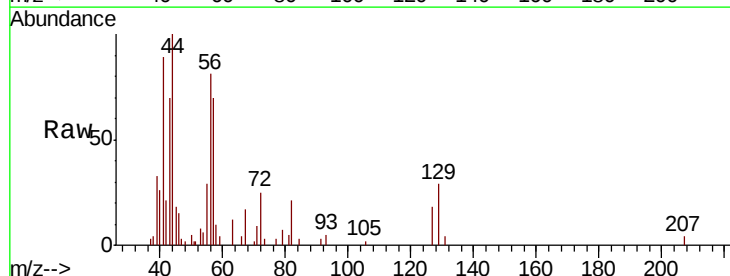
Instrument :
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ClientSampleId :
DB728

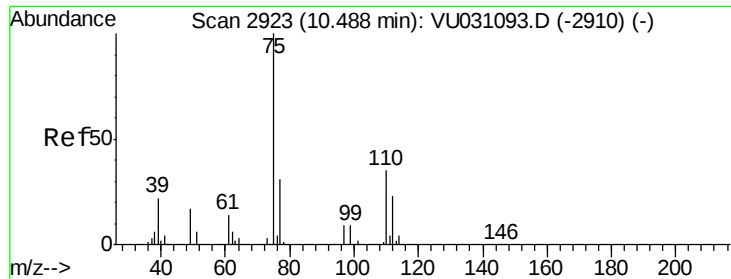
Tot Ion: 43 Resp: 12954
Ion Ratio Lower Upper
43 100
58 29.9 41.9 62.9#
57 1.2 14.3 21.5#
100 3.8 7.1 10.7#



#49
Dibromochloromethane
Concen: 0.541 ug/L
RT: 8.47 min Scan# 2296
Delta R.T. 0.00 min
Lab File: VU031110.D
Acq: 12 Apr 2019 07:29

Tgt Ion: 129 Resp: 2309
Ion Ratio Lower Upper
129 100
127 60.8 54.5 101.3





#59

1,2,3-Trichloropropane

Concen: 5.051 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031110.D

Acq: 12 Apr 2019 07:29

Instrument :

MSVOA_U

ClientSampleId :

DB728

Tot Ion: 75 Resp: 28682

Ion Ratio Lower Upper

75 100

77 36.2 26.1 39.1

