

Data File : VU031119.D
Acq On : 12 Apr 2019 10:55
Operator : JC/SP
Sample : K2341-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 111 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB728

Quant Time: Apr 12 23:36:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 23:21:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	513277	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	510258	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	225194	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	229082	50.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.00%
7) Chloroethane-d5	1.68	69	172193	49.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.04%
11) 1,1-Dichloroethene-d2	2.27	63	289154	34.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.78%
21) 2-Butanone-d5	4.17	46	302590	83.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.33%
24) Chloroform-d	4.64	84	328893	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
26) 1,2-Dichloroethane-d4	5.30	65	222206	46.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.06%
32) Benzene-d6	5.34	84	667484	44.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.62%
36) 1,2-Dichloropropane-d6	6.32	67	223521	43.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.58%
41) Toluene-d8	7.56	98	576774	43.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.36%
43) trans-1,3-Dichloropropene-	7.85	79	100364	43.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.24%
47) 2-Hexanone-d5	8.31	63	178403	76.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	297685	43.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.46%
64) 1,2-Dichlorobenzene-d4	11.85	152	214619	48.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.92%

Target Compounds

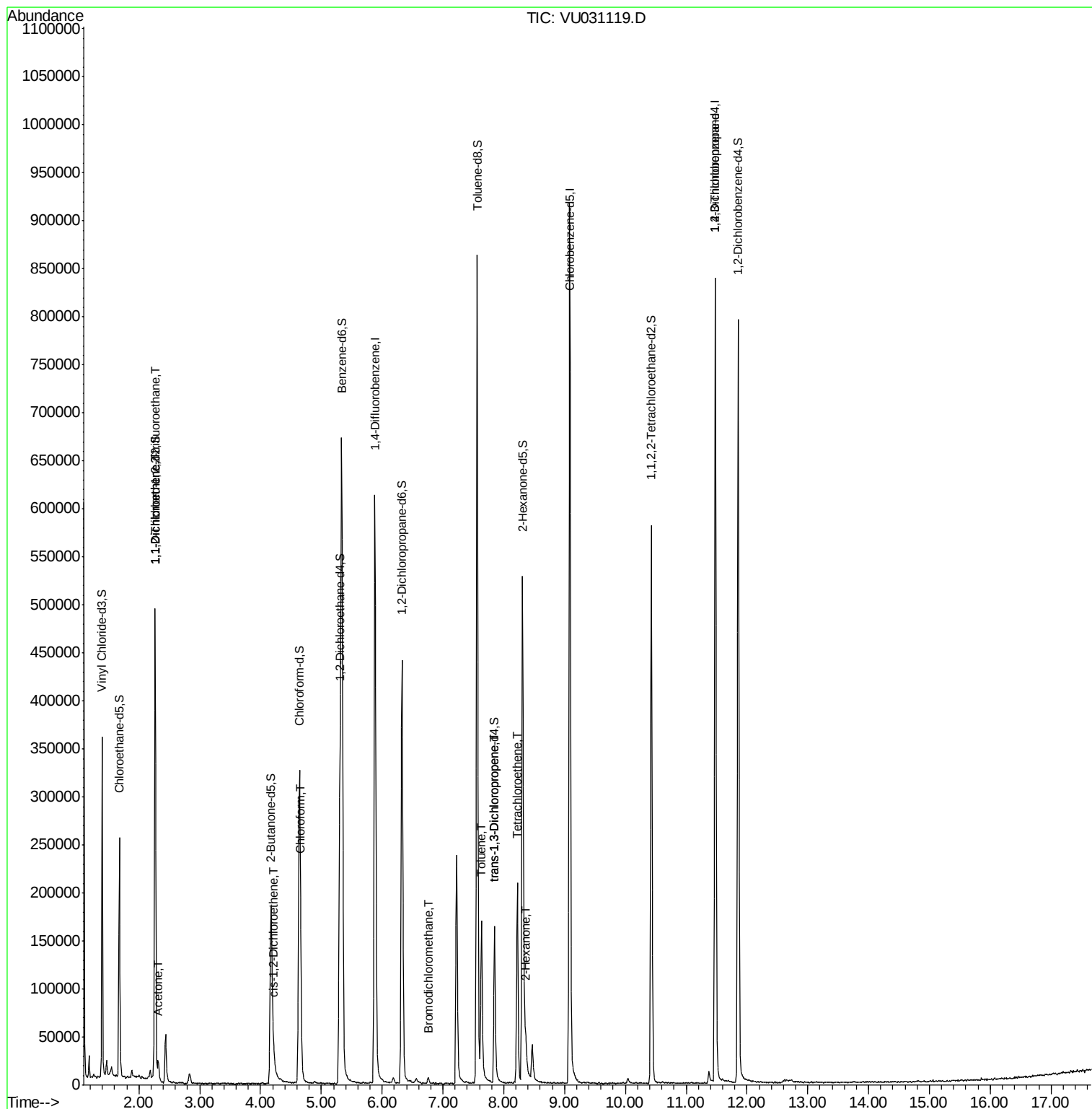
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2408	0.655 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	2075	0.585 ug/L #	1
13) Acetone	2.31	43	20344	5.475 ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	2914	0.701 ug/L	93
25) Chloroform	4.67	83	22480	2.877 ug/L	94
38) Bromodichloromethane	6.76	83	4968	0.871 ug/L #	89
42) Toluene	7.64	91	125214	7.346 ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	4213	0.710 ug/L	97
46) Tetrachloroethene	8.22	164	47750	16.037 ug/L	97
48) 2-Hexanone	8.36	43	19445	3.278 ug/L #	85
59) 1,2,3-Trichloropropane	11.48	75	25957	4.584 ug/L	90

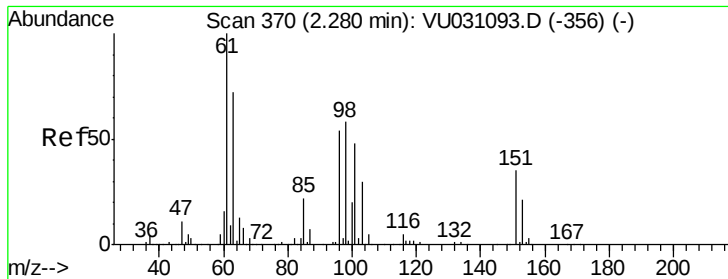
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU031119.D
Acq On : 12 Apr 2019 10:55
Operator : JC/SP
Sample : K2341-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 111 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB728

Quant Time: Apr 12 23:36:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 23:21:49 2019
Response via : Initial Calibration





#10

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

Concen: 0.655 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031119.D

Acq: 12 Apr 2019 10:55

Instrument :

MSVOA_U

ClientSampleId :

DB728

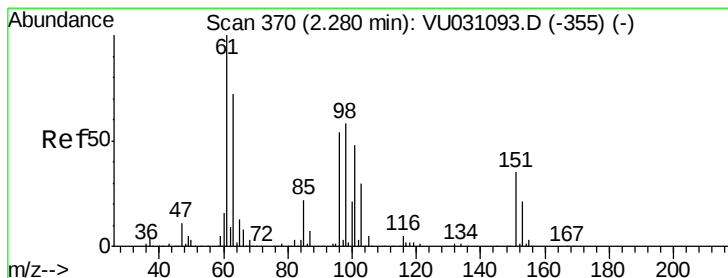
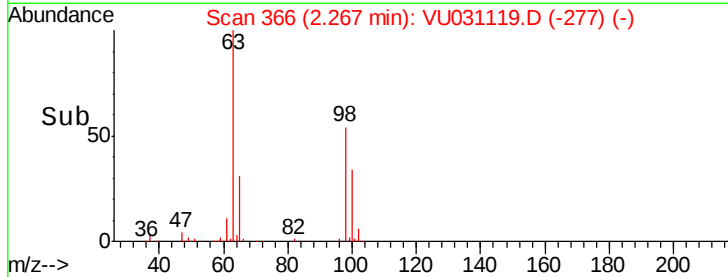
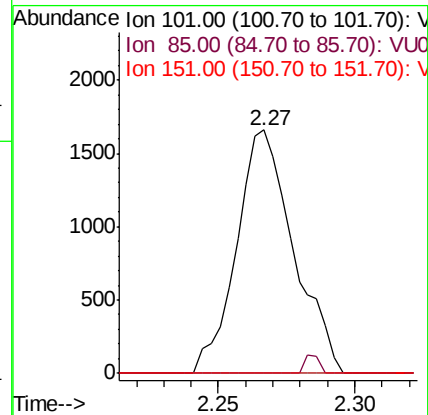
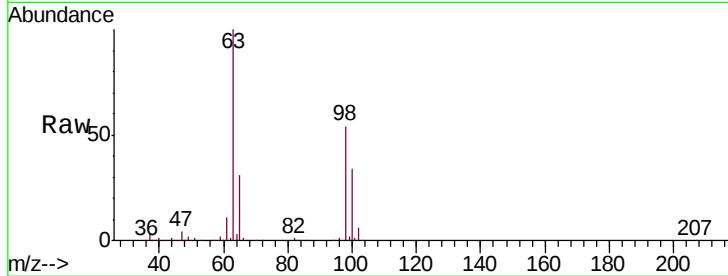
Tgt Ion:101 Resp: 2408

Ion Ratio Lower Upper

101 100

85 1.9 36.8 55.2#

151 0.0 57.4 86.0#



#12

1,1-Dichloroethene

Concen: 0.585 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031119.D

Acq: 12 Apr 2019 10:55

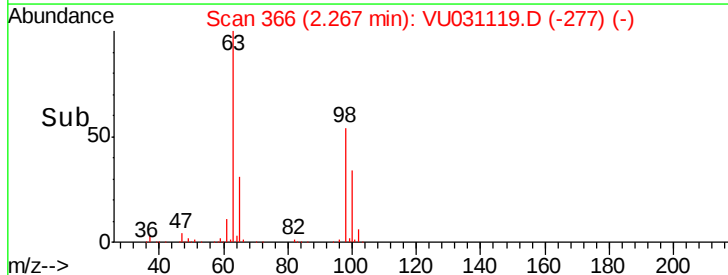
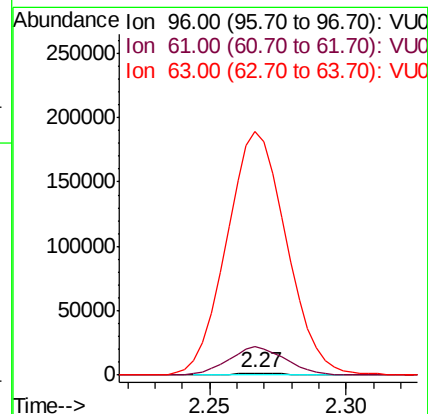
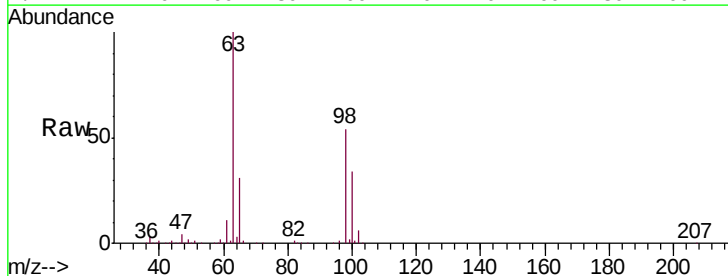
Tgt Ion: 96 Resp: 2075

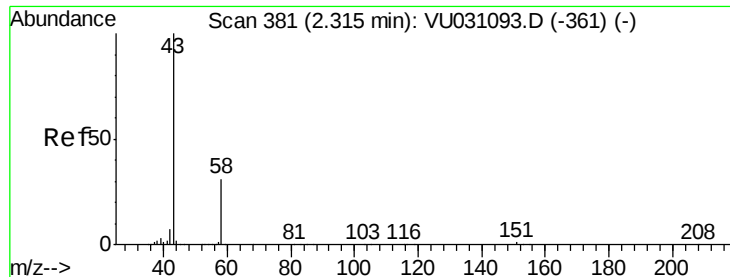
Ion Ratio Lower Upper

96 100

61 1519.9 132.0 245.2#

63 13243.7 90.9 168.9#





#13

Acetone

Concen: 5.475 ug/L

RT: 2.31 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU031119.D

Acq: 12 Apr 2019 10:55

Instrument :

MSVOA_U

ClientSampleId :

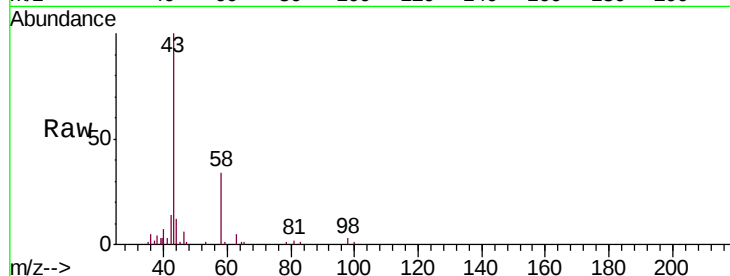
DB728

Tgt Ion: 43 Resp: 20344

Ion Ratio Lower Upper

43 100

58 33.5 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031119.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU031119.D (-288) (-)

2.31

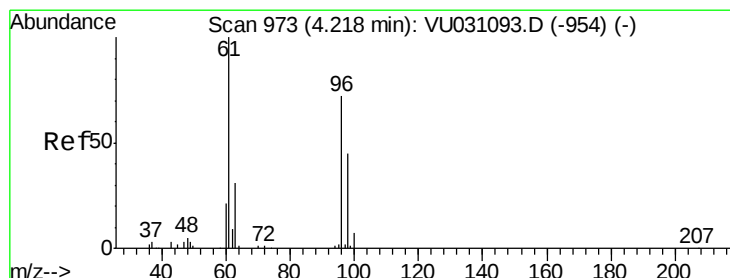
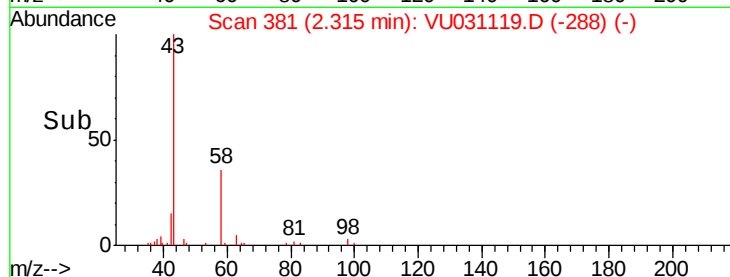
10000

5000

0

Time-->

2.25 2.30 2.35



#20

cis-1,2-Dichloroethene

Concen: 0.701 ug/L

RT: 4.22 min Scan# 975

Delta R.T. 0.01 min

Lab File: VU031119.D

Acq: 12 Apr 2019 10:55

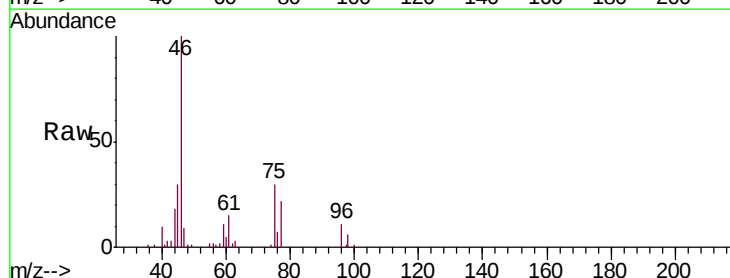
Tgt Ion: 96 Resp: 2914

Ion Ratio Lower Upper

96 100

61 137.9 102.9 191.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU031119.D (-880) (-)

Ion 61.00 (60.70 to 61.70): VU031119.D (-880) (-)

Ion 68.00 (67.70 to 68.70): VU031119.D (-880) (-)

2500

2000

1500

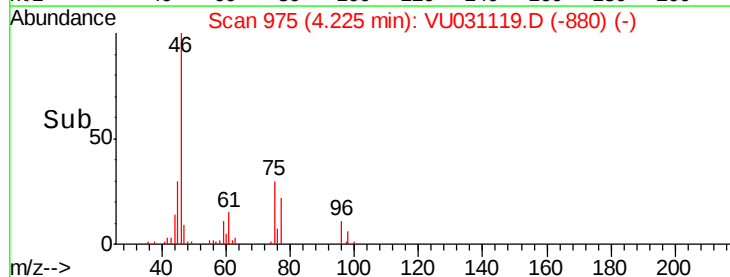
1000

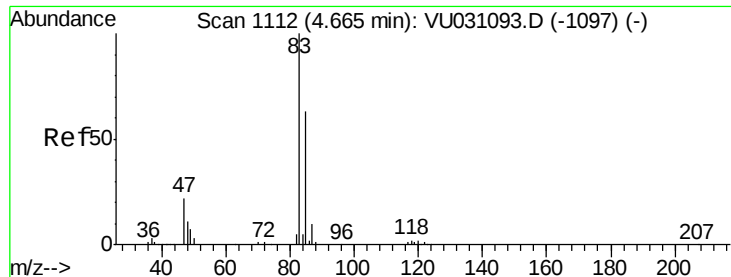
500

0

Time-->

4.20 4.25

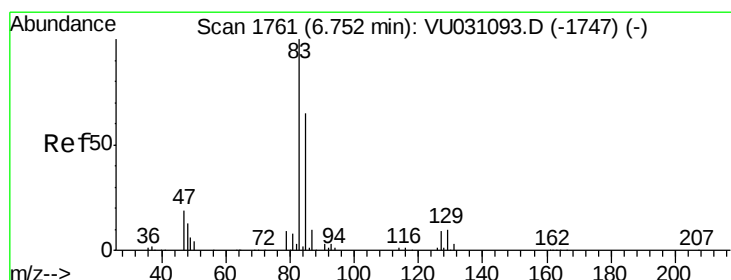
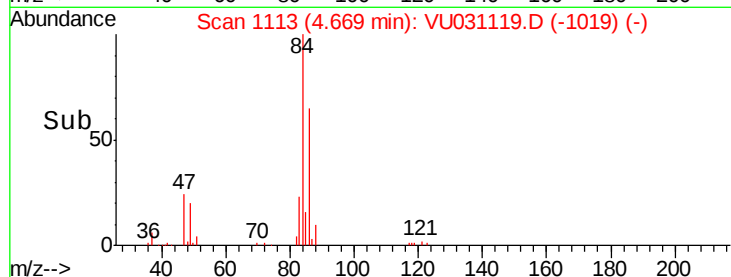
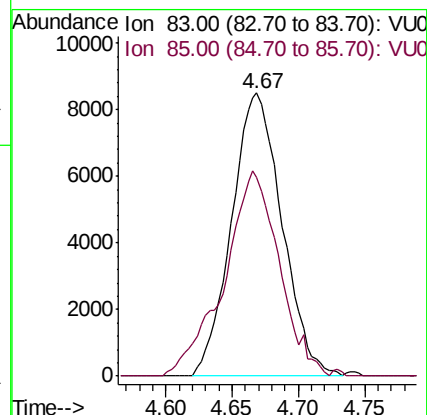
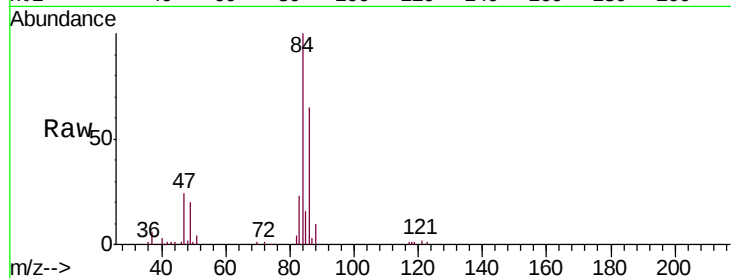




#25
Chloroform
Concen: 2.877 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU031119.D
Acq: 12 Apr 2019 10:55

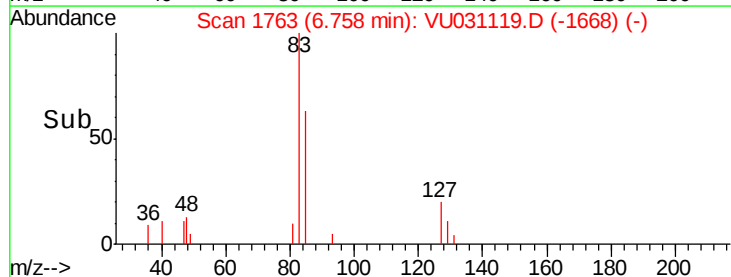
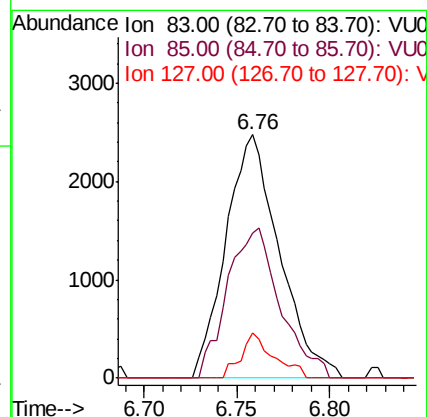
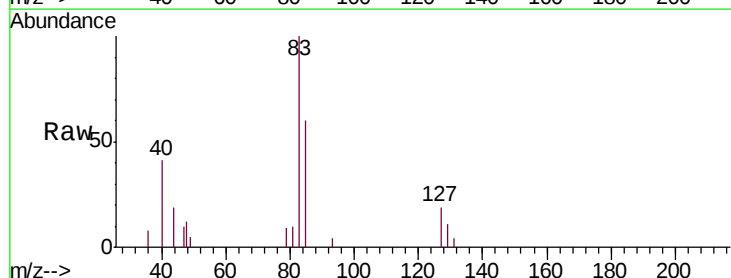
Instrument :
MSVOA_U
ClientSampleId :
DB728

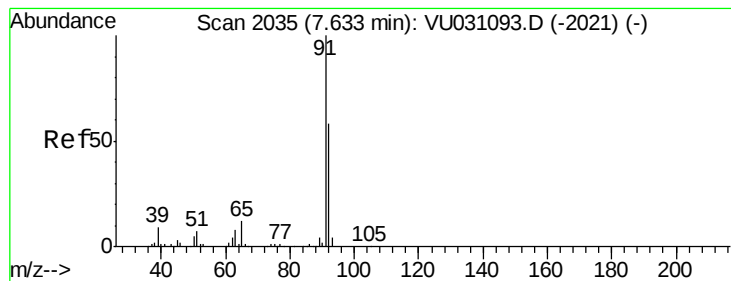
Tgt Ion: 83 Resp: 22480
Ion Ratio Lower Upper
83 100
85 70.3 45.8 85.0



#38
Bromodichloromethane
Concen: 0.871 ug/L
RT: 6.76 min Scan# 1763
Delta R.T. 0.01 min
Lab File: VU031119.D
Acq: 12 Apr 2019 10:55

Tgt Ion: 83 Resp: 4968
Ion Ratio Lower Upper
83 100
85 59.8 46.5 86.3
127 18.7 6.6 10.0#





#42

Toluene

Concen: 7.346 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU031119.D

Acq: 12 Apr 2019 10:55

Instrument :

MSVOA_U

ClientSampleId :

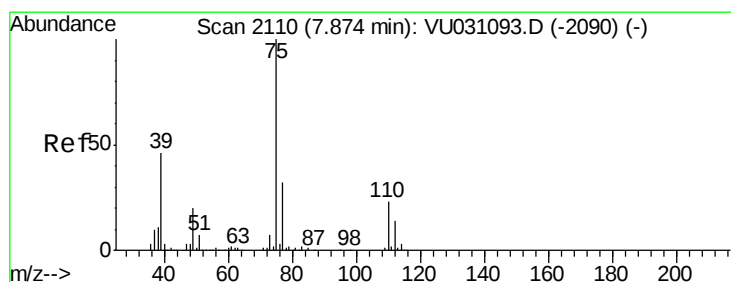
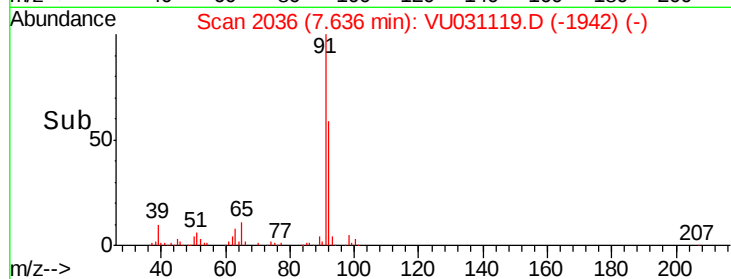
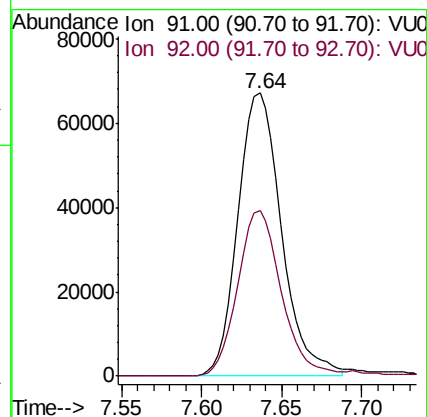
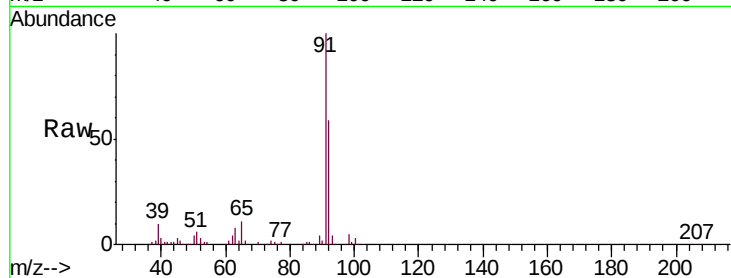
DB728

Tgt Ion: 91 Resp: 125214

Ion Ratio Lower Upper

91 100

92 58.5 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 0.710 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.02 min

Lab File: VU031119.D

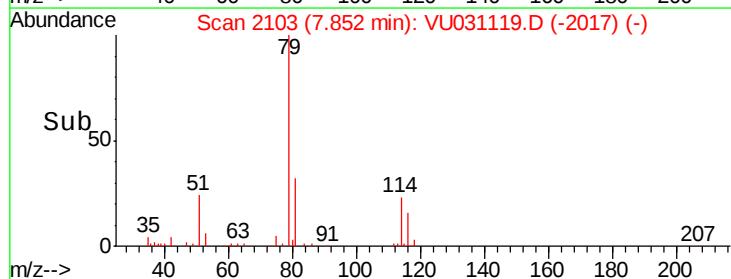
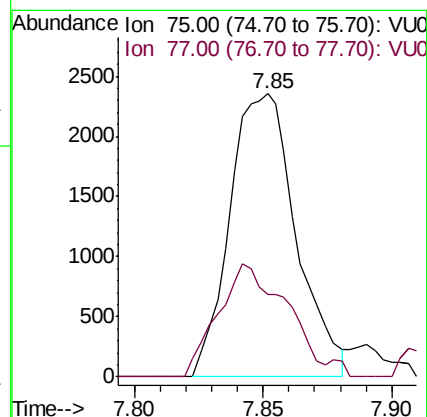
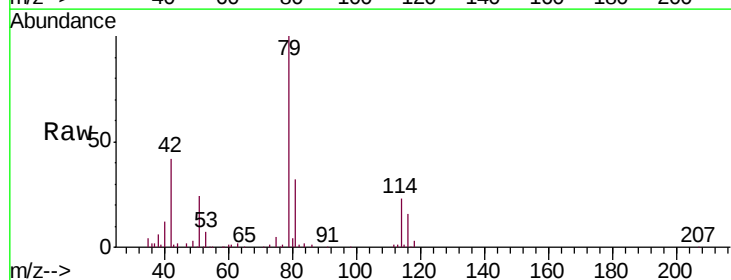
Acq: 12 Apr 2019 10:55

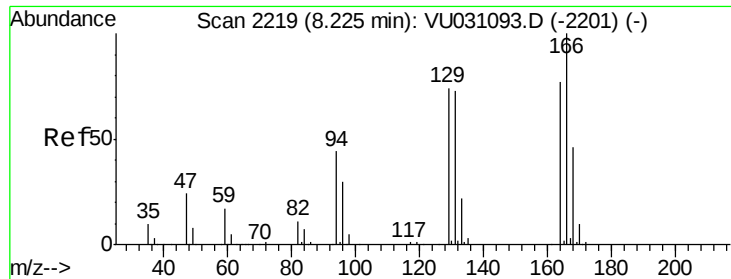
Tgt Ion: 75 Resp: 4213

Ion Ratio Lower Upper

75 100

77 29.0 21.6 40.0

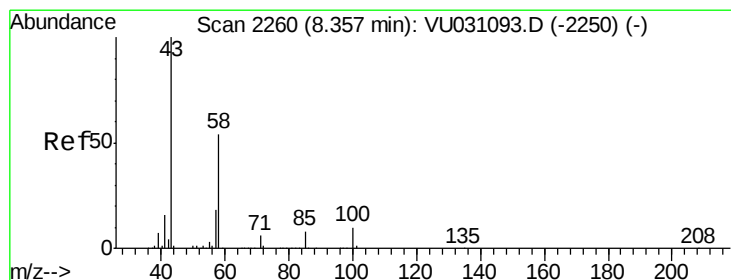
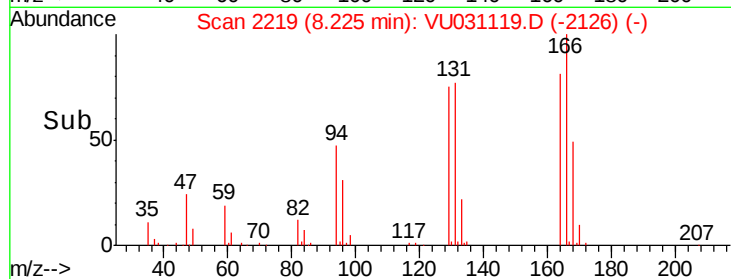
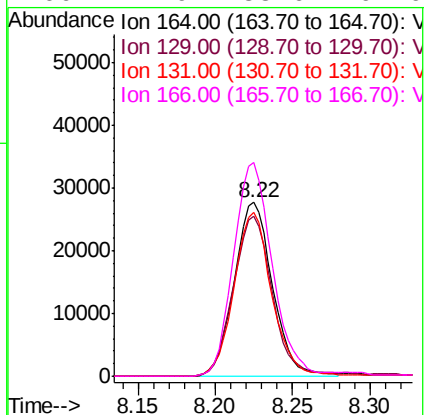
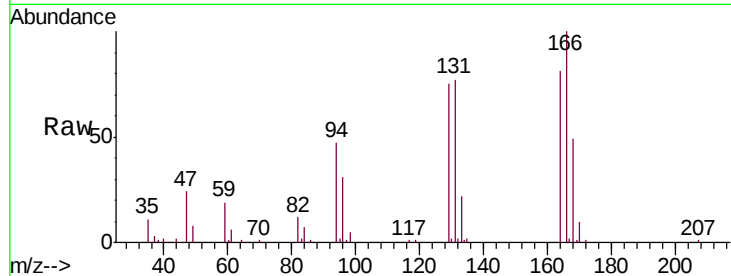




#46
Tetrachloroethene
Concen: 16.037 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.00 min
Lab File: VU031119.D
Acq: 12 Apr 2019 10:55

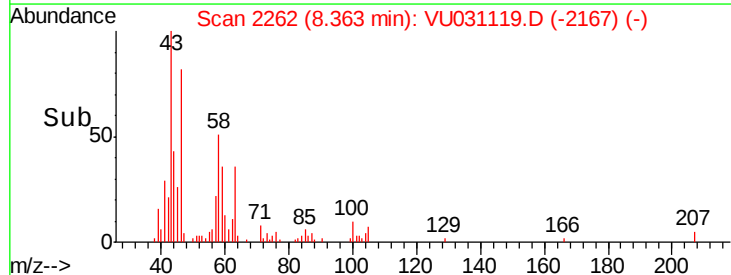
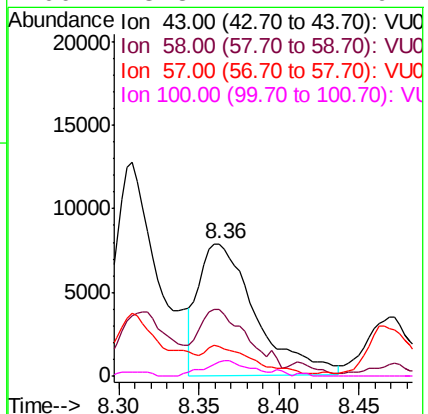
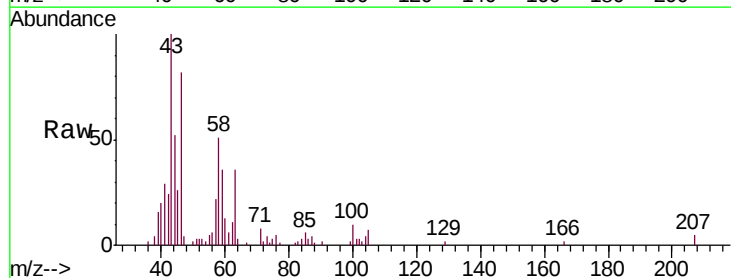
Instrument :
MSVOA_U
ClientSampled :
DB728

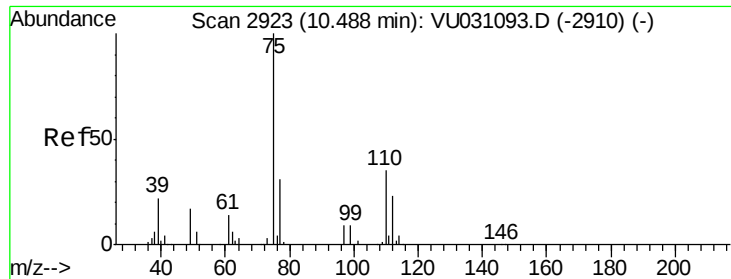
Tgt Ion:164 Resp: 47750
Ion Ratio Lower Upper
164 100
129 92.1 67.4 125.2
131 94.3 65.9 122.5
166 122.9 88.6 164.6



#48
2-Hexanone
Concen: 3.278 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU031119.D
Acq: 12 Apr 2019 10:55

Tgt Ion: 43 Resp: 19445
Ion Ratio Lower Upper
43 100
58 40.1 41.9 62.9#
57 11.5 14.3 21.5#
100 8.8 7.1 10.7





#59

1,2,3-Trichloropropane

Concen: 4.584 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031119.D

Acq: 12 Apr 2019 10:55

Instrument :

MSVOA_U

ClientSampleId :

DB728

Tgt Ion: 75 Resp: 25957

Ion Ratio Lower Upper

75 100

77 38.4 26.1 39.1

