

Data File : VU031394.D
Acq On : 22 Apr 2019 15:17
Operator : JC/SP
Sample : K2428-13DL 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X13DL

Quant Time: Apr 23 01:03:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 00:59:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	507074	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	456879	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	202190	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	207888	44.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.04%
7) Chloroethane-d5	1.68	69	183752	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.64%
11) 1,1-Dichloroethene-d2	2.27	63	307555	33.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.50%
21) 2-Butanone-d5	4.19	46	418898	123.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.17%
24) Chloroform-d	4.64	84	396064	50.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.66%
26) 1,2-Dichloroethane-d4	5.31	65	246147	51.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.60%
32) Benzene-d6	5.34	84	817147	56.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.16%
36) 1,2-Dichloropropane-d6	6.33	67	204079	43.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.08%
41) Toluene-d8	7.56	98	558810	43.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.94%
43) trans-1,3-Dichloropropene-	7.85	79	91789	40.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.92%
47) 2-Hexanone-d5	8.31	63	225108	101.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.73%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	295766	45.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	209662	45.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.42%

Target Compounds

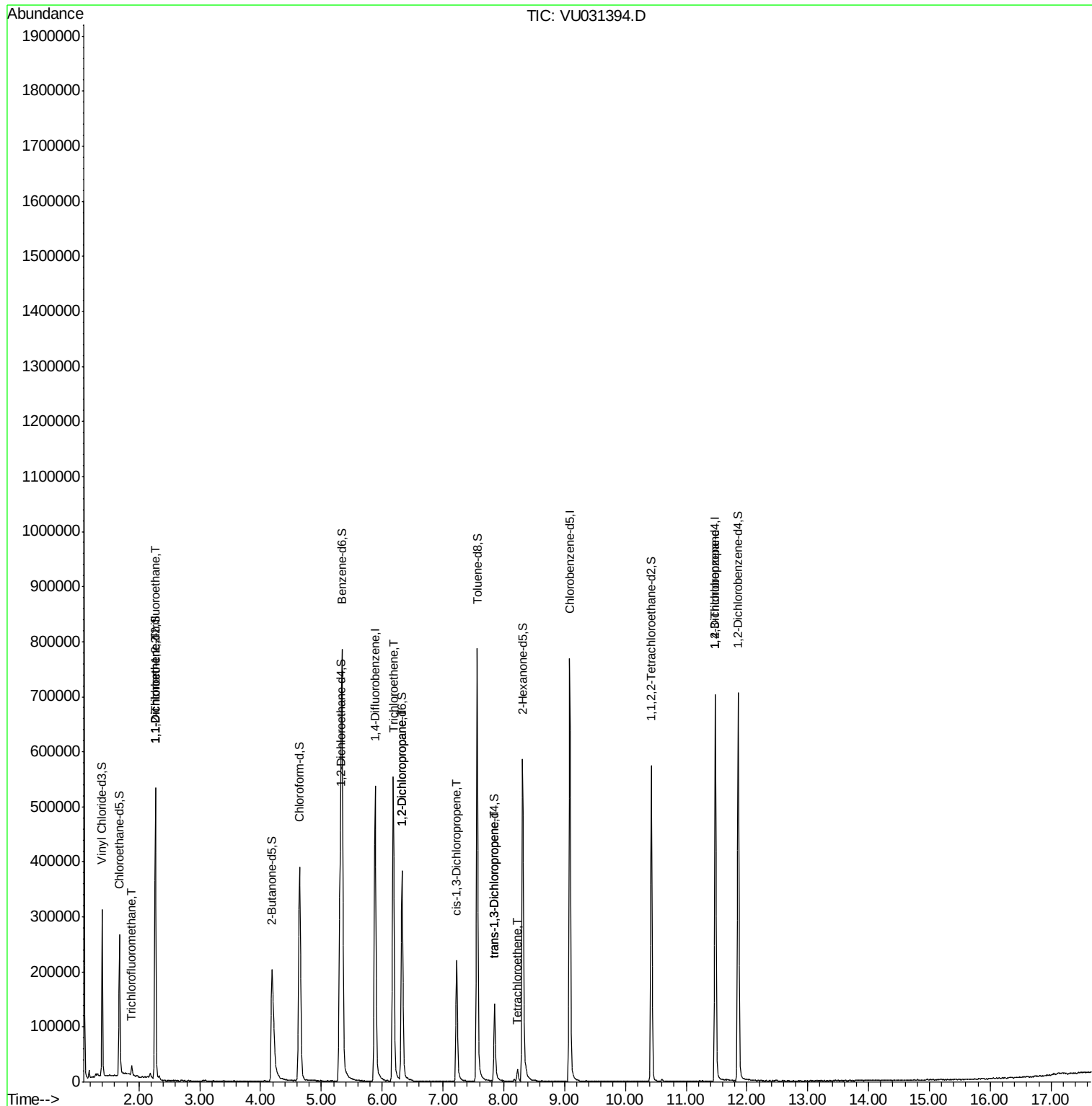
						Qvalue
9) Trichlorofluoromethane	1.88	101	5184	0.671	ug/L	87
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2910	0.720	ug/L #	19
12) 1,1-Dichloroethene	2.27	96	2352	0.593	ug/L #	1
34) Trichloroethene	6.18	95	203195	52.848	ug/L	94
37) 1,2-Dichloropropane	6.33	63	20467	5.029	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	5105	0.837	ug/L #	58
44) trans-1,3-Dichloropropene	7.85	75	3344	0.632	ug/L	89
46) Tetrachloroethene	8.22	164	5735	1.983	ug/L	88
59) 1,2,3-Trichloropropane	11.48	75	20582	4.252	ug/L	93

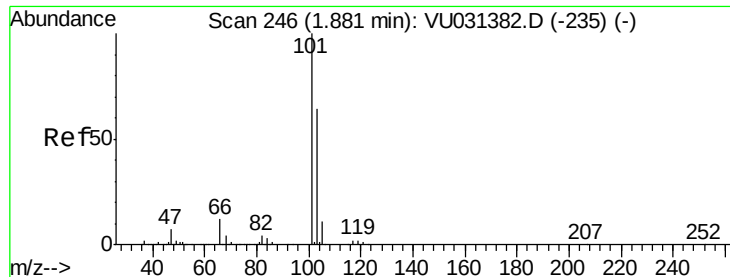
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU031394.D
Acq On : 22 Apr 2019 15:17
Operator : JC/SP
Sample : K2428-13DL 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X13DL

Quant Time: Apr 23 01:03:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 00:59:20 2019
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.671 ug/L

RT: 1.88 min Scan# 246

Delta R.T. -0.00 min

Lab File: VU031394.D

Acq: 22 Apr 2019 15:17

Instrument :

MSVOA_U

ClientSampleId :

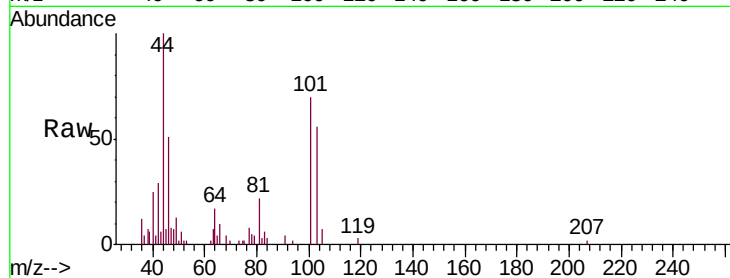
C0X13DL

Tgt Ion:101 Resp: 5184

Ion Ratio Lower Upper

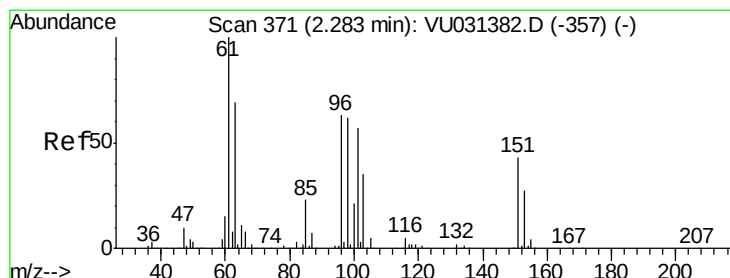
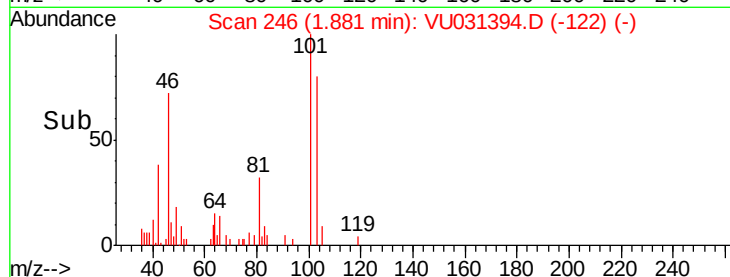
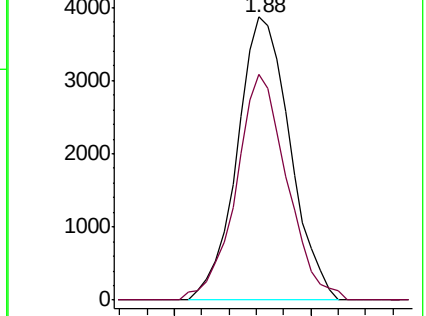
101 100

103 76.9 53.0 79.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

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

Concen: 0.720 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU031394.D

Acq: 22 Apr 2019 15:17

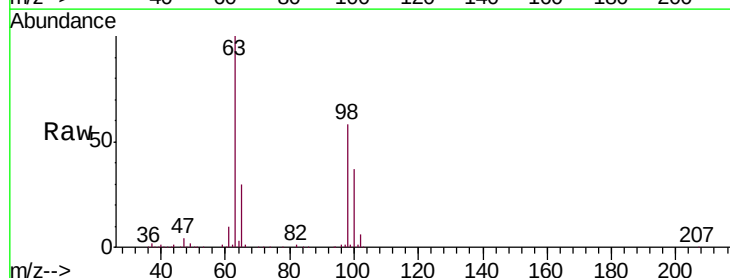
Tgt Ion:101 Resp: 2910

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.0#

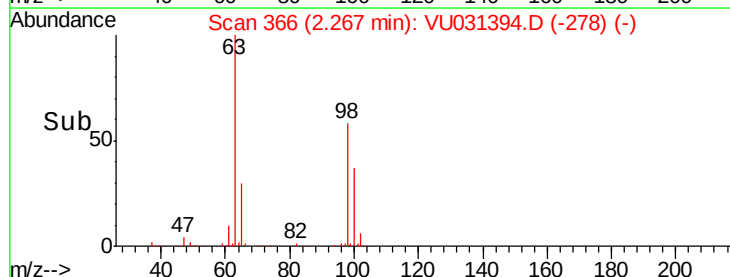
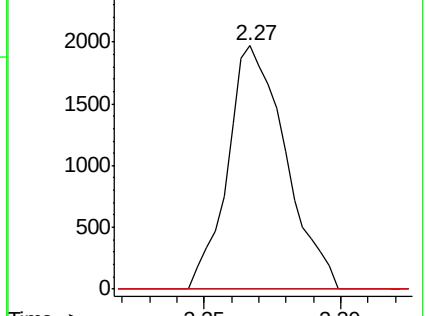
151 0.0 59.8 89.8#

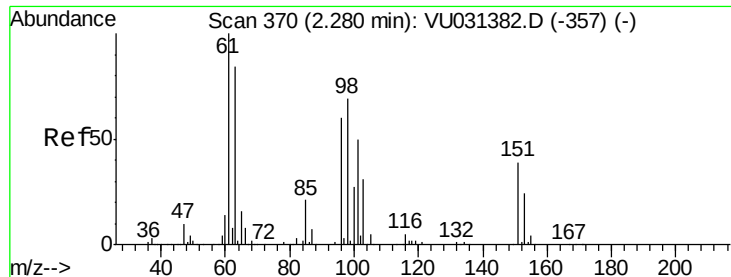


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

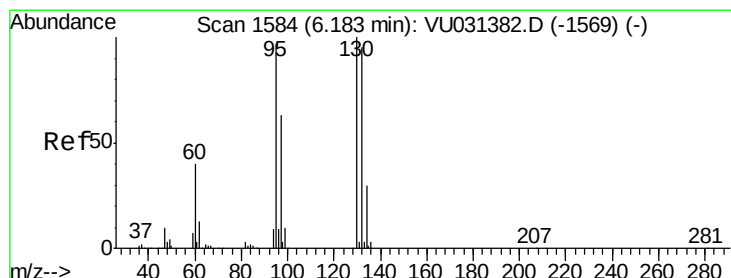
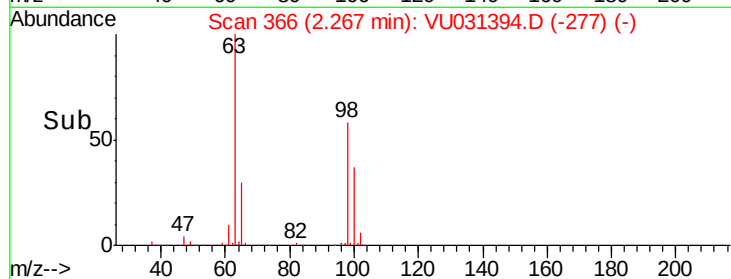
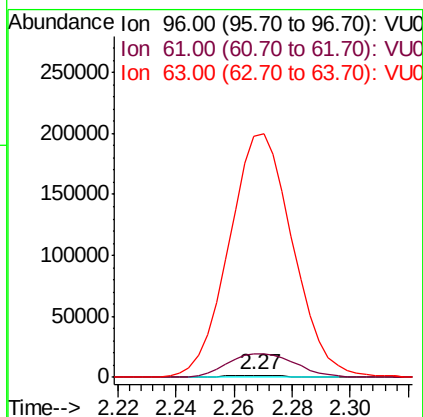
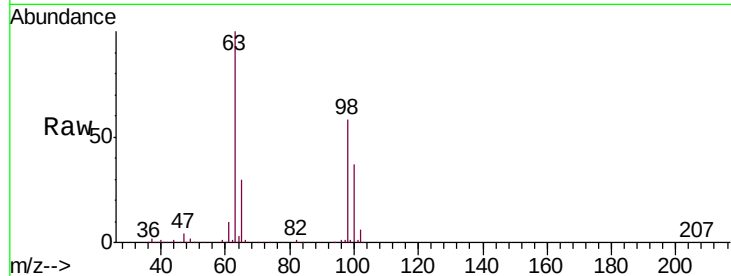




#12
 1,1-Dichloroethene
 Concen: 0.593 ug/L
 RT: 2.27 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: VU031394.D
 Acq: 22 Apr 2019 15:17

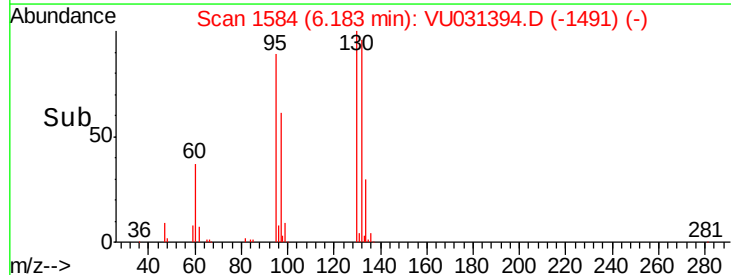
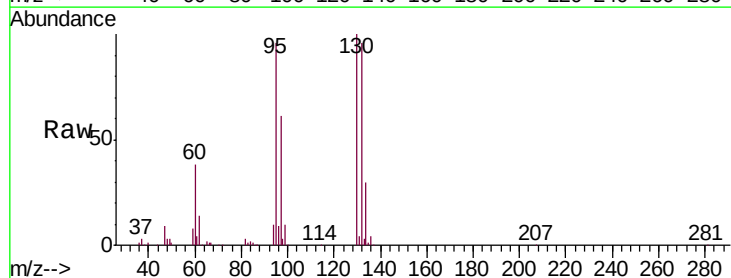
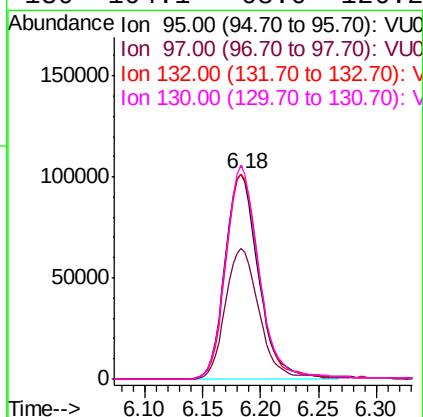
Instrument :
 MSVOA_U
 ClientSampled :
 C0X13DL

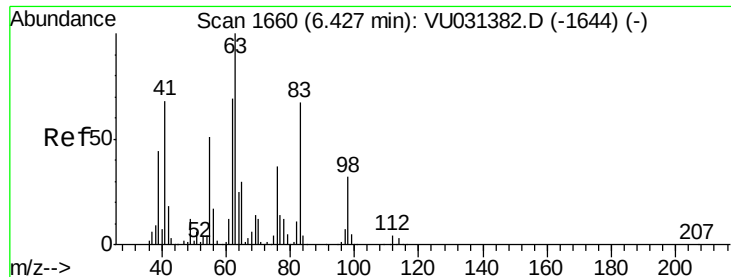
Tgt Ion: 96 Resp: 2352
 Ion Ratio Lower Upper
 96 100
 61 1285.2 130.4 242.2#
 63 13139.7 108.9 202.3#



#34
 Trichloroethene
 Concen: 52.848 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VU031394.D
 Acq: 22 Apr 2019 15:17

Tgt Ion: 95 Resp: 203195
 Ion Ratio Lower Upper
 95 100
 97 63.6 43.6 81.0
 132 99.9 64.5 119.7
 130 104.1 68.0 126.2

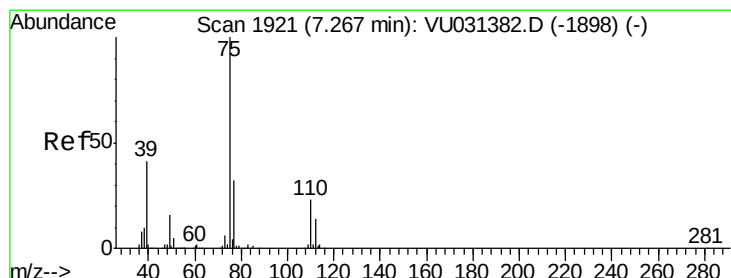
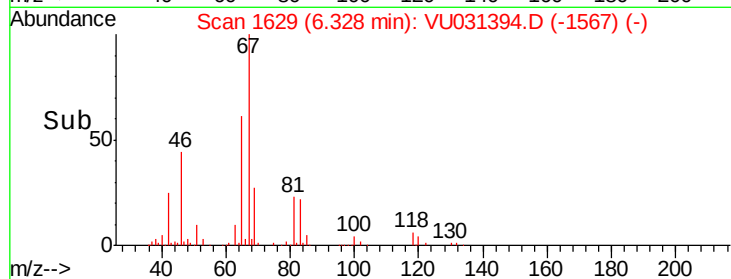
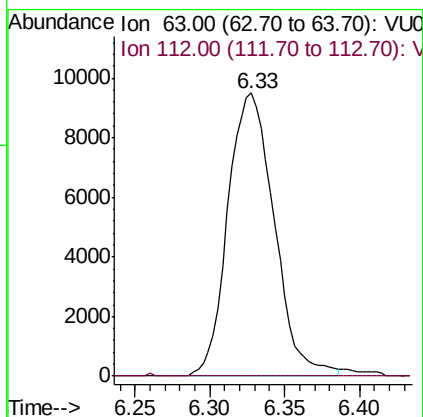
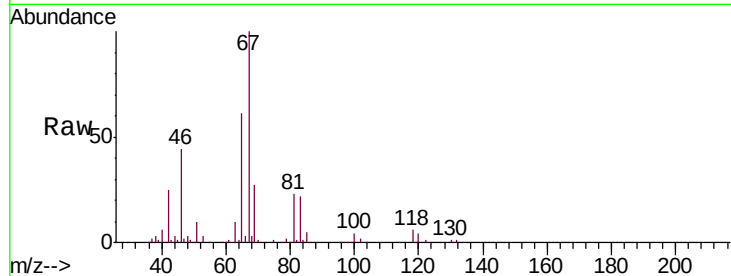




#37
 1,2-Dichloropropane
 Concen: 5.029 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU031394.D
 Acq: 22 Apr 2019 15:17

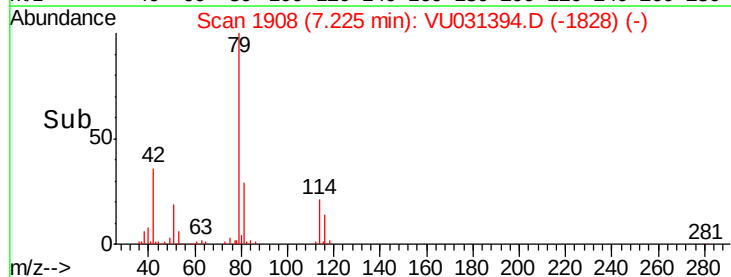
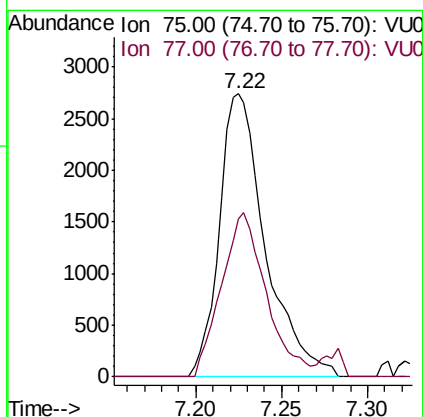
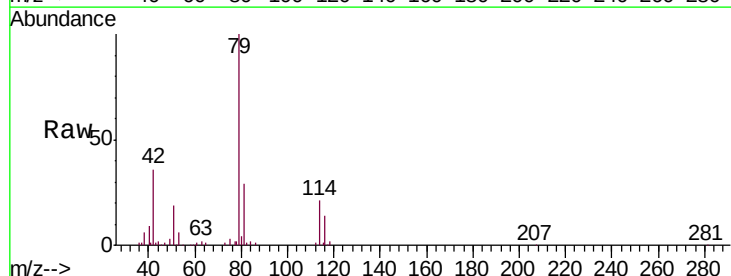
Instrument :
 MSVOA_U
 ClientSampleId :
 C0X13DL

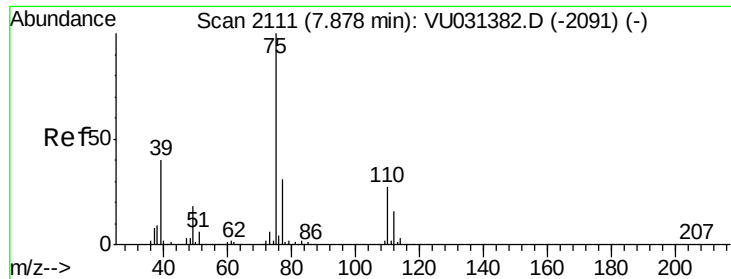
Tgt Ion: 63 Resp: 20467
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.837 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU031394.D
 Acq: 22 Apr 2019 15:17

Tgt Ion: 75 Resp: 5105
 Ion Ratio Lower Upper
 75 100
 77 55.7 22.7 42.1#

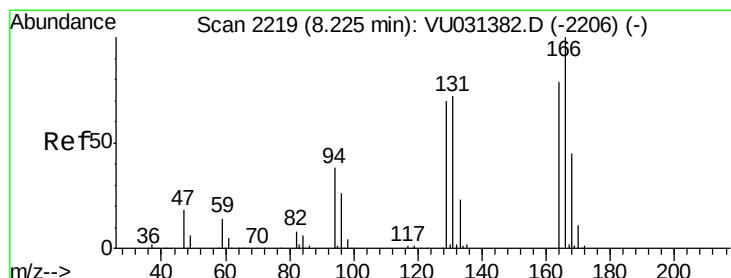
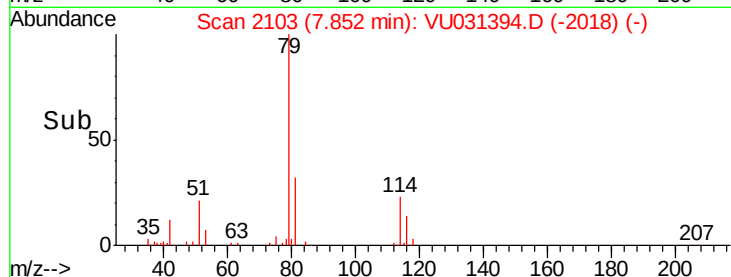
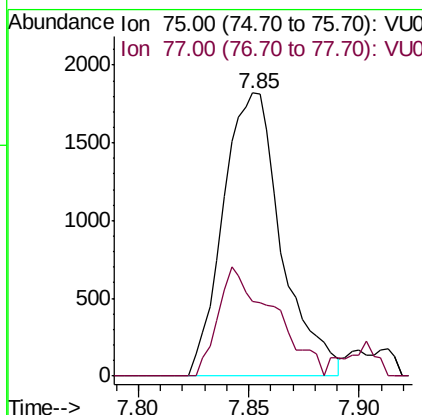
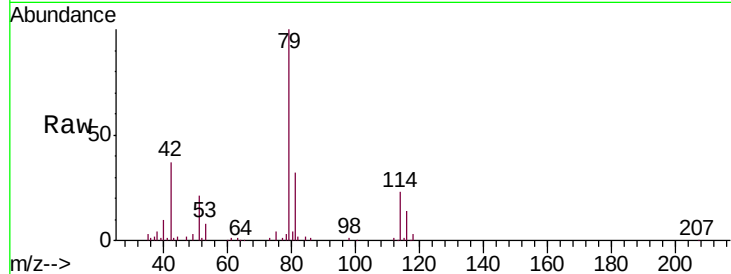




#44
trans-1,3-Dichloropropene
Concen: 0.632 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.03 min
Lab File: VU031394.D
Acq: 22 Apr 2019 15:17

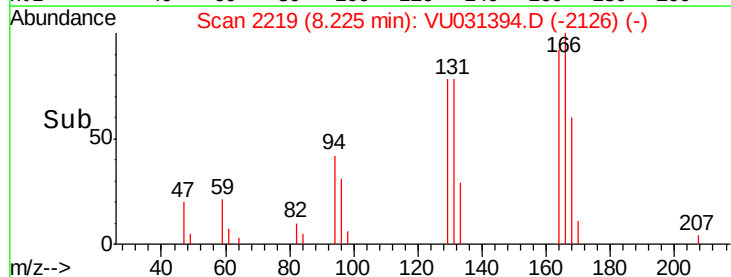
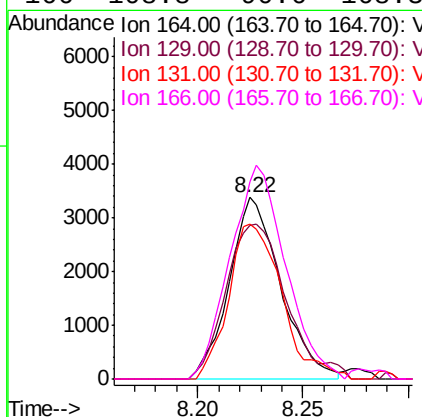
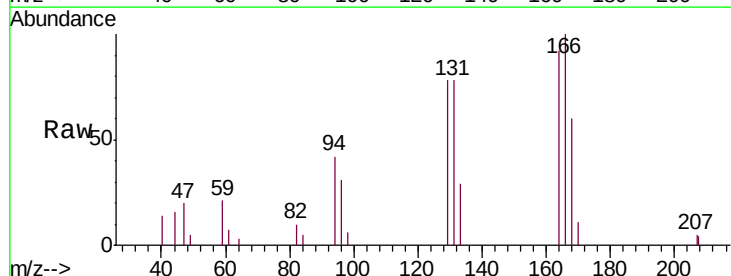
Instrument :
MSVOA_U
ClientSampled :
C0X13DL

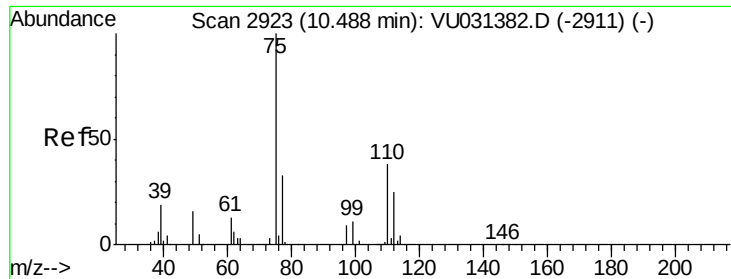
Tgt Ion: 75 Resp: 3344
Ion Ratio Lower Upper
75 100
77 26.2 22.8 42.4



#46
Tetrachloroethene
Concen: 1.983 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.00 min
Lab File: VU031394.D
Acq: 22 Apr 2019 15:17

Tgt Ion: 164 Resp: 5735
Ion Ratio Lower Upper
164 100
129 84.7 66.5 123.5
131 85.4 62.3 115.7
166 108.8 90.6 168.3





#59

1,2,3-Trichloropropane

Concen: 4.252 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031394.D

Acq: 22 Apr 2019 15:17

Instrument :

MSVOA_U

ClientSampleId :

C0X13DL

Tgt Ion: 75 Resp: 20582

Ion Ratio Lower Upper

75 100

77 35.7 25.4 38.2

