

Data File : VU031395.D
Acq On : 22 Apr 2019 15:39
Operator : JC/SP
Sample : K2428-14DL 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X14DL

Quant Time: Apr 23 01:03:54 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	642209	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	581221	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	202451	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	210181	35.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.08%
7) Chloroethane-d5	1.68	69	183881	35.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.62%
11) 1,1-Dichloroethene-d2	2.27	63	308608	26.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.68%#
21) 2-Butanone-d5	4.19	46	418285	97.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.11%
24) Chloroform-d	4.64	84	394375	39.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.92%
26) 1,2-Dichloroethane-d4	5.31	65	248624	40.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.82%
32) Benzene-d6	5.34	84	821526	44.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.42%
36) 1,2-Dichloropropane-d6	6.33	67	278284	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.34%
41) Toluene-d8	7.56	98	723817	44.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.54%
43) trans-1,3-Dichloropropene-	7.85	79	116428	40.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.68%
47) 2-Hexanone-d5	8.31	63	309297	109.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.87%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	298123	36.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	72.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	210706	45.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.76%

Target Compounds

						Qvalue
9) Trichlorofluoromethane	1.88	101	5123	0.524	ug/L	90
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2870	0.561	ug/L #	19
13) Acetone	2.34	43	1673	0.505	ug/L	63
34) Trichloroethene	6.18	95	332716	68.022	ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	4121	0.612	ug/L	85
46) Tetrachloroethene	8.22	164	11458	3.114	ug/L	95
48) 2-Hexanone	8.31	43	32338	5.567	ug/L #	69
59) 1,2,3-Trichloropropane	11.48	75	21515	3.494	ug/L	98

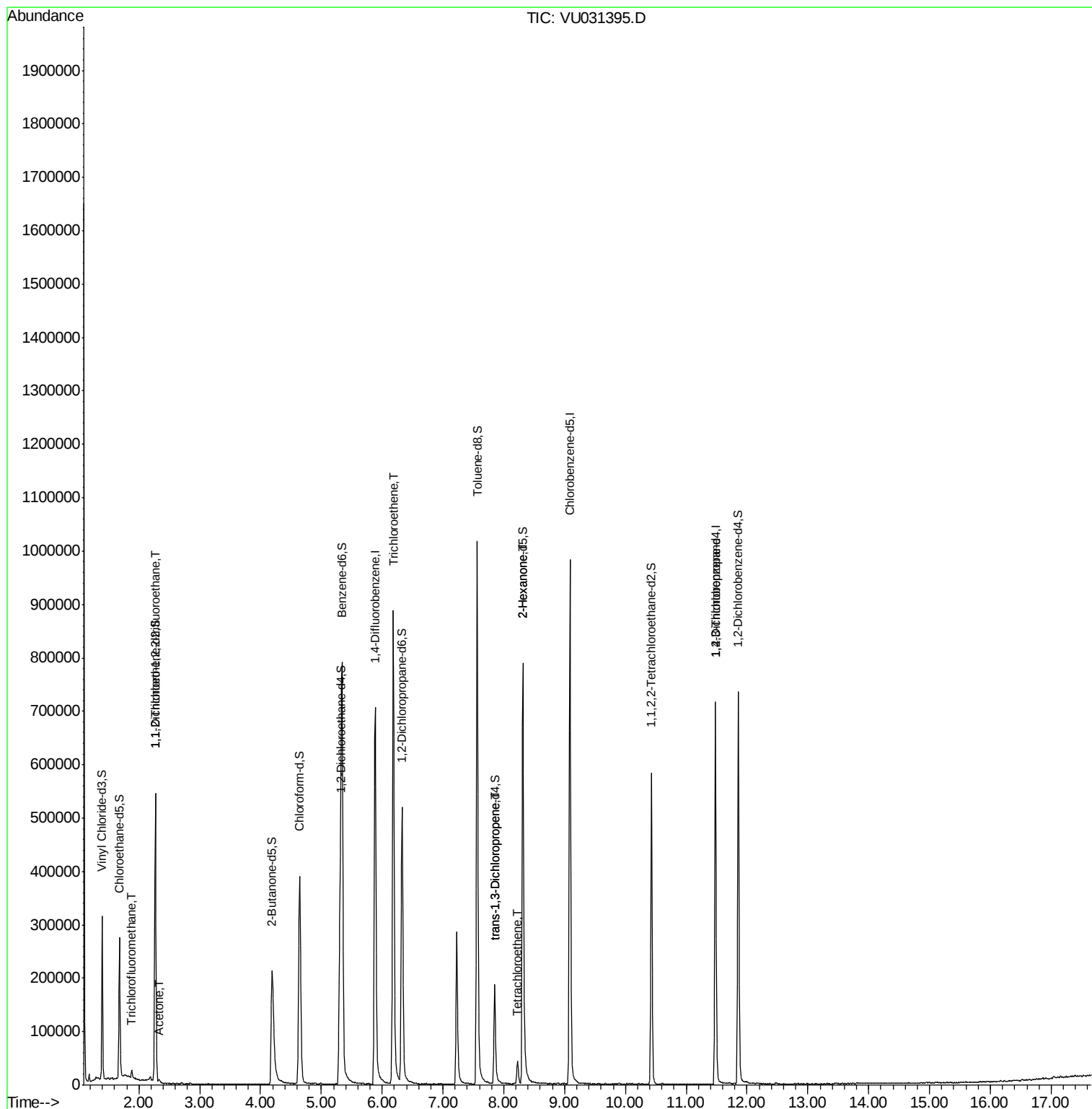
(#) = qualifier out of range (m) = manual integration (+) = signals summed

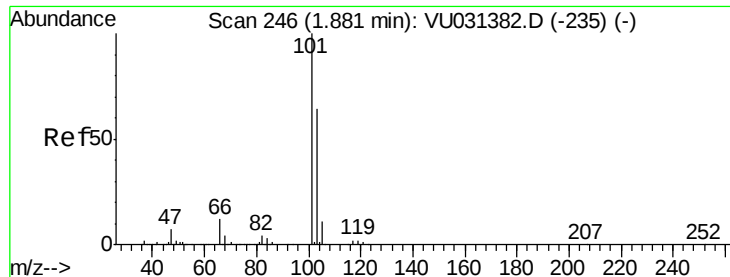
Data File : VU031395.D

```
Acq On       : 22 Apr 2019   15:39
Operator    : JC/SP
Sample      : K2428-14DL 100X
Misc        : 5.0mL/MSVOA_U/WATER
ALS Vial    : 16   Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
C0X14DL

Quant Time: Apr 23 01:03:54 2019
Quant Method : Z:\V\OASRV\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: 0.524 ug/L

RT: 1.88 min Scan# 246

Delta R.T. 0.00 min

Lab File: VU031395.D

Acq: 22 Apr 2019 15:39

Instrument :

MSVOA_U

ClientSampleId :

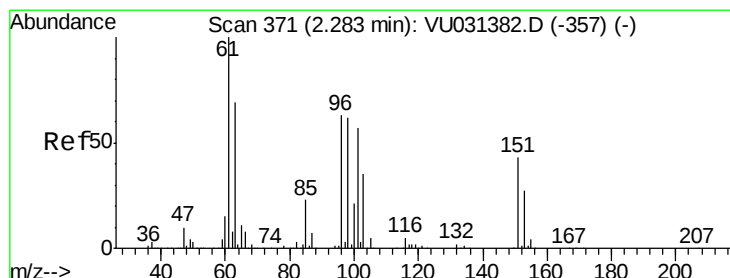
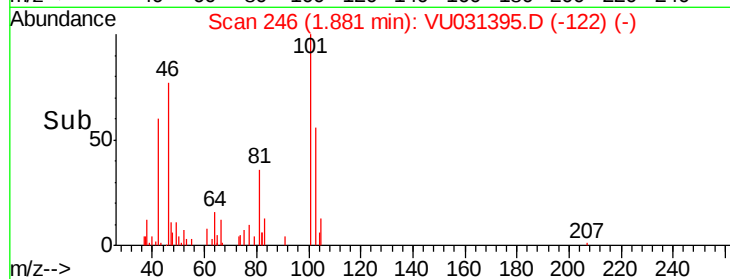
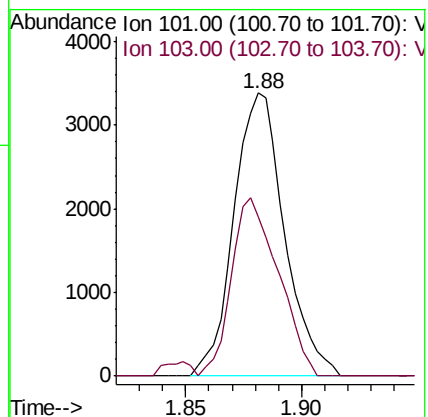
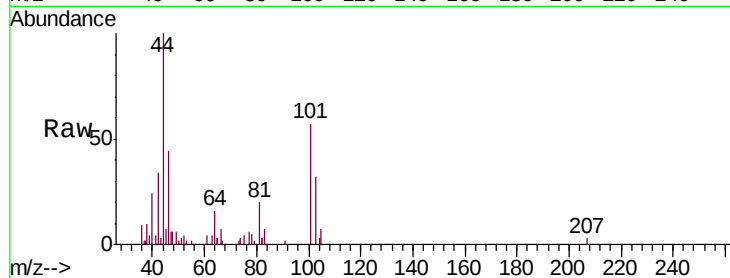
C0X14DL

Tgt Ion:101 Resp: 5123

Ion Ratio Lower Upper

101 100

103 58.4 53.0 79.6



#10

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

Concen: 0.561 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU031395.D

Acq: 22 Apr 2019 15:39

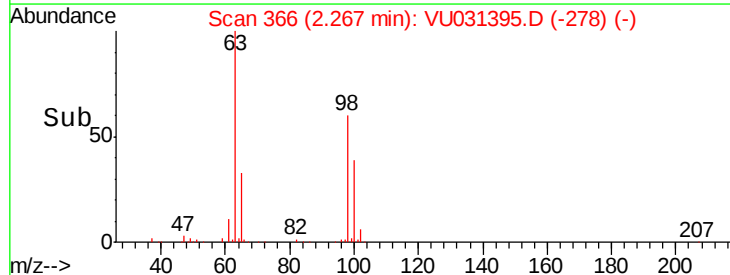
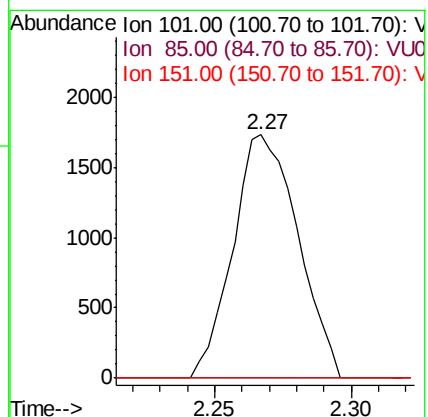
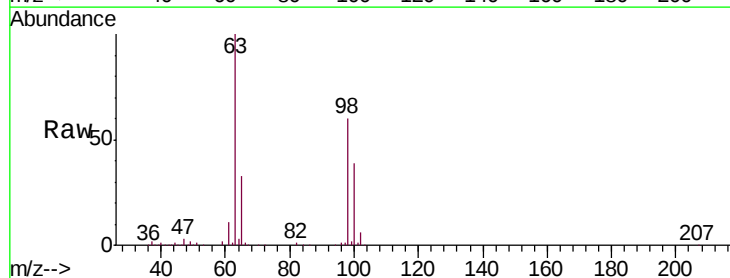
Tgt Ion:101 Resp: 2870

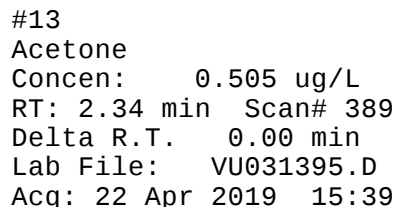
Ion Ratio Lower Upper

101 100

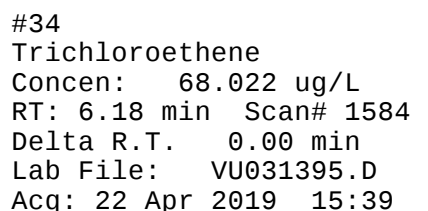
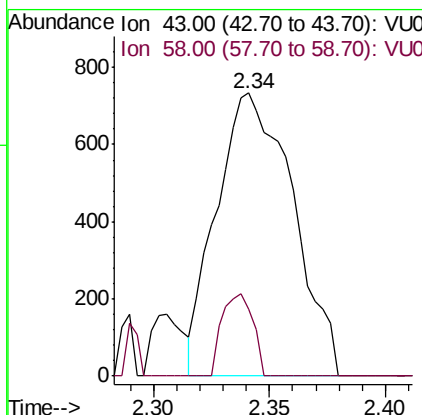
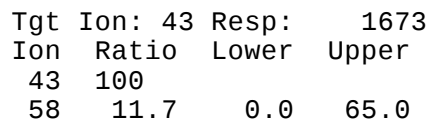
85 0.0 35.4 53.0#

151 0.0 59.8 89.8#

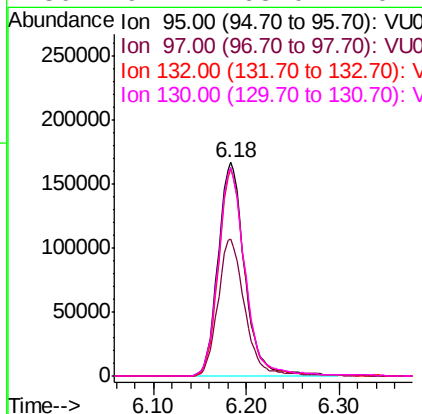


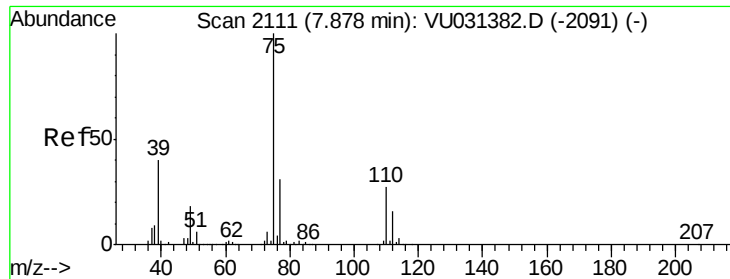


Instrument :
MSVOA_U
ClientSampleId :
C0X14DL



Tgt	Ion: 95	Resp:	332716
Ion	Ratio	Lower	Upper
95	100		
97	63.9	43.6	81.0
132	96.9	64.5	119.7
130	97.7	68.0	126.2

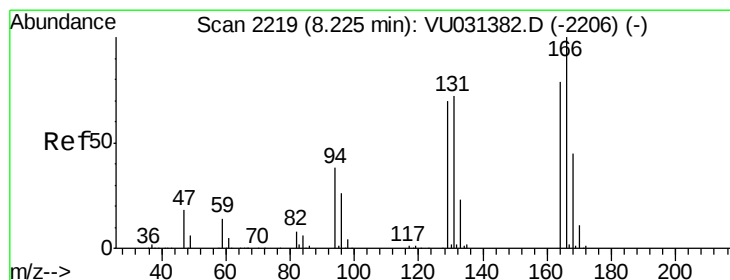
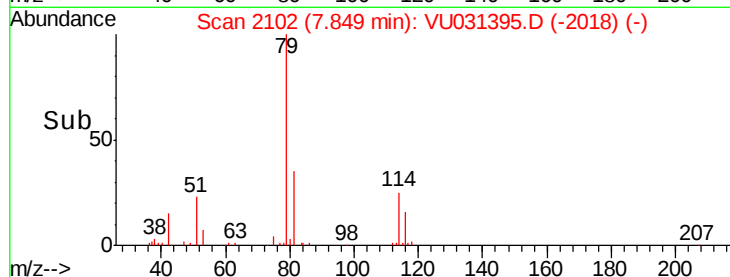
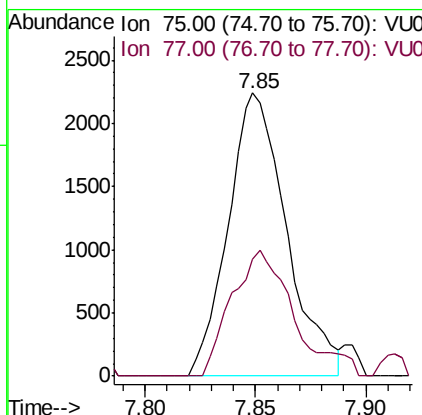
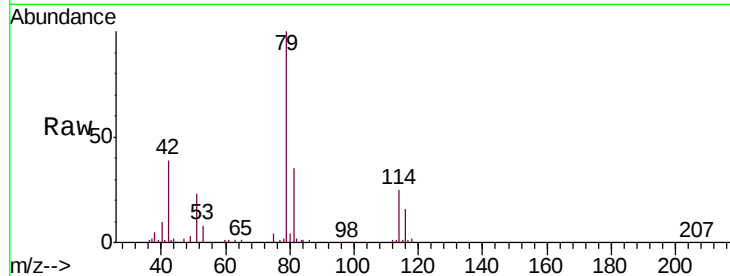




#44
trans-1,3-Dichloropropene
Concen: 0.612 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031395.D
Acq: 22 Apr 2019 15:39

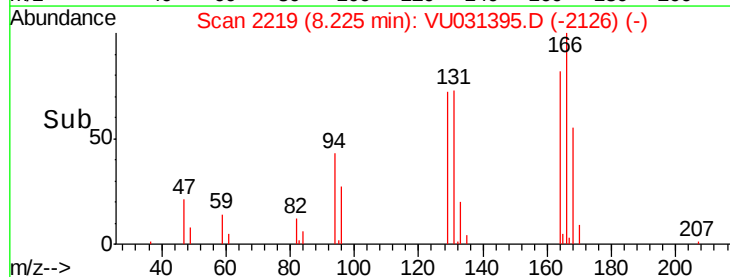
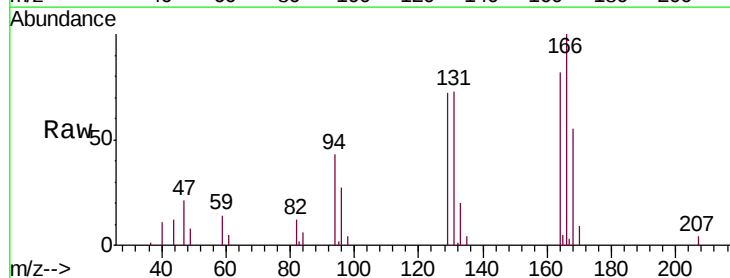
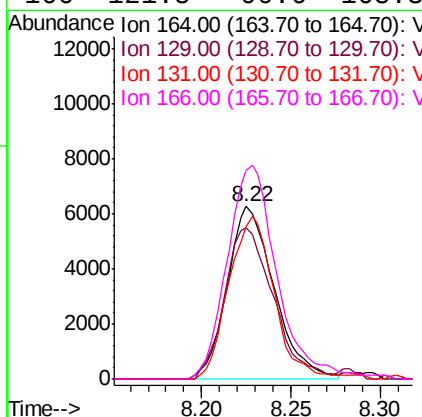
Instrument :
MSVOA_U
ClientSampleId :
C0X14DL

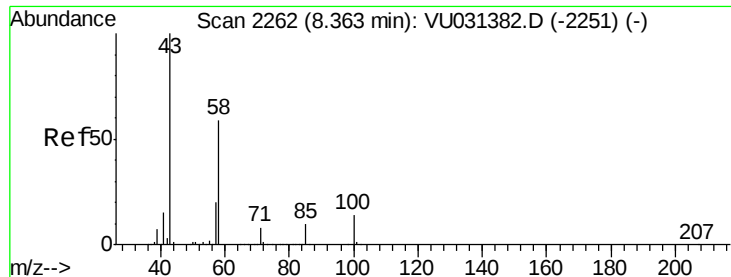
Tgt Ion: 75 Resp: 4121
Ion Ratio Lower Upper
75 100
77 41.1 22.8 42.4



#46
Tetrachloroethene
Concen: 3.114 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031395.D
Acq: 22 Apr 2019 15:39

Tgt Ion: 164 Resp: 11458
Ion Ratio Lower Upper
164 100
129 88.0 66.5 123.5
131 88.6 62.3 115.7
166 121.5 90.6 168.3

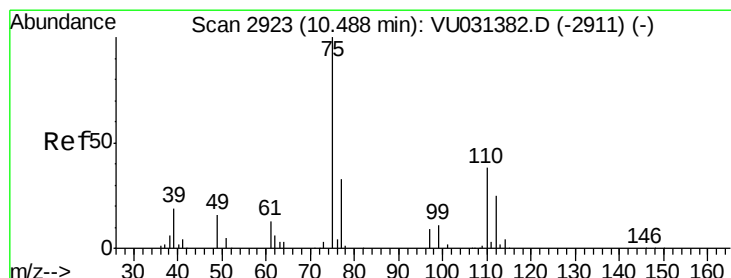
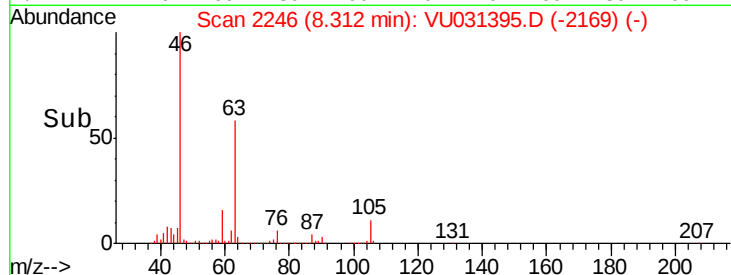
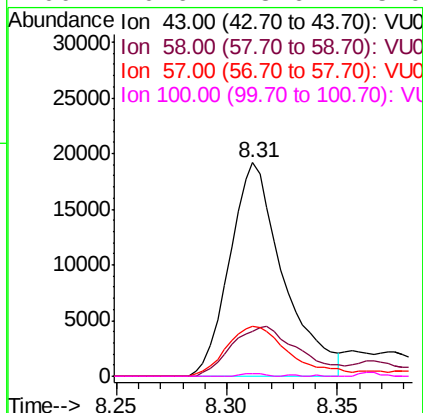
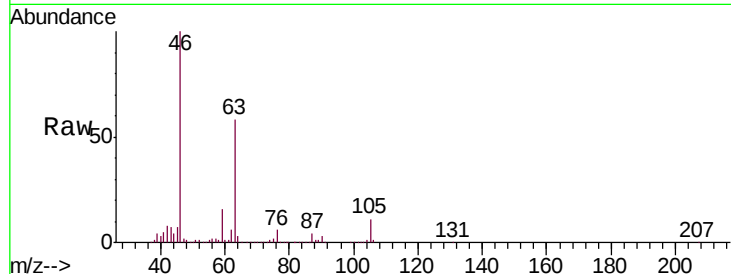




#48
 2-Hexanone
 Concen: 5.567 ug/L
 RT: 8.31 min Scan# 2246
 Delta R.T. -0.05 min
 Lab File: VU031395.D
 Acq: 22 Apr 2019 15:39

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X14DL

Tgt Ion: 43 Resp: 32338
 Ion Ratio Lower Upper
 43 100
 58 29.7 44.9 67.3#
 57 27.3 15.1 22.7#
 100 0.6 8.6 13.0#



#59
 1,2,3-Trichloropropane
 Concen: 3.494 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031395.D
 Acq: 22 Apr 2019 15:39

Tgt Ion: 75 Resp: 21515
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.4 38.2

