

Data File : VU031432.D
Acq On : 23 Apr 2019 12:53
Operator : JC/SP
Sample : K2428-15 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X16

Quant Time: Apr 24 06:04:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 06:00:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	688319	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	641370	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	251325	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	253845	45.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.02%
7) Chloroethane-d5	1.68	69	206562	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.28%
11) 1,1-Dichloroethene-d2	2.27	63	354600	36.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.10%
21) 2-Butanone-d5	4.19	46	411072	98.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.58%
24) Chloroform-d	4.64	84	411883	46.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.68%
26) 1,2-Dichloroethane-d4	5.31	65	274962	51.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.30%
32) Benzene-d6	5.34	84	914364	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.70%
36) 1,2-Dichloropropane-d6	6.33	67	307279	51.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.08%
41) Toluene-d8	7.56	98	775608	46.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.74%
43) trans-1,3-Dichloropropene-	7.85	79	127369	46.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.76%
47) 2-Hexanone-d5	8.31	63	294961	98.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	395978	48.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	268879	52.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.68%

Target Compounds

						Qvalue
9) Trichlorofluoromethane	1.88	101	29928	4.073	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3032	0.711	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	2750	0.656	ug/L #	1
34) Trichloroethene	6.18	95	638262	129.844	ug/L	96
46) Tetrachloroethene	8.22	164	62281	17.865	ug/L	94
48) 2-Hexanone	8.31	43	33758	5.759	ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	28024	4.592	ug/L #	87

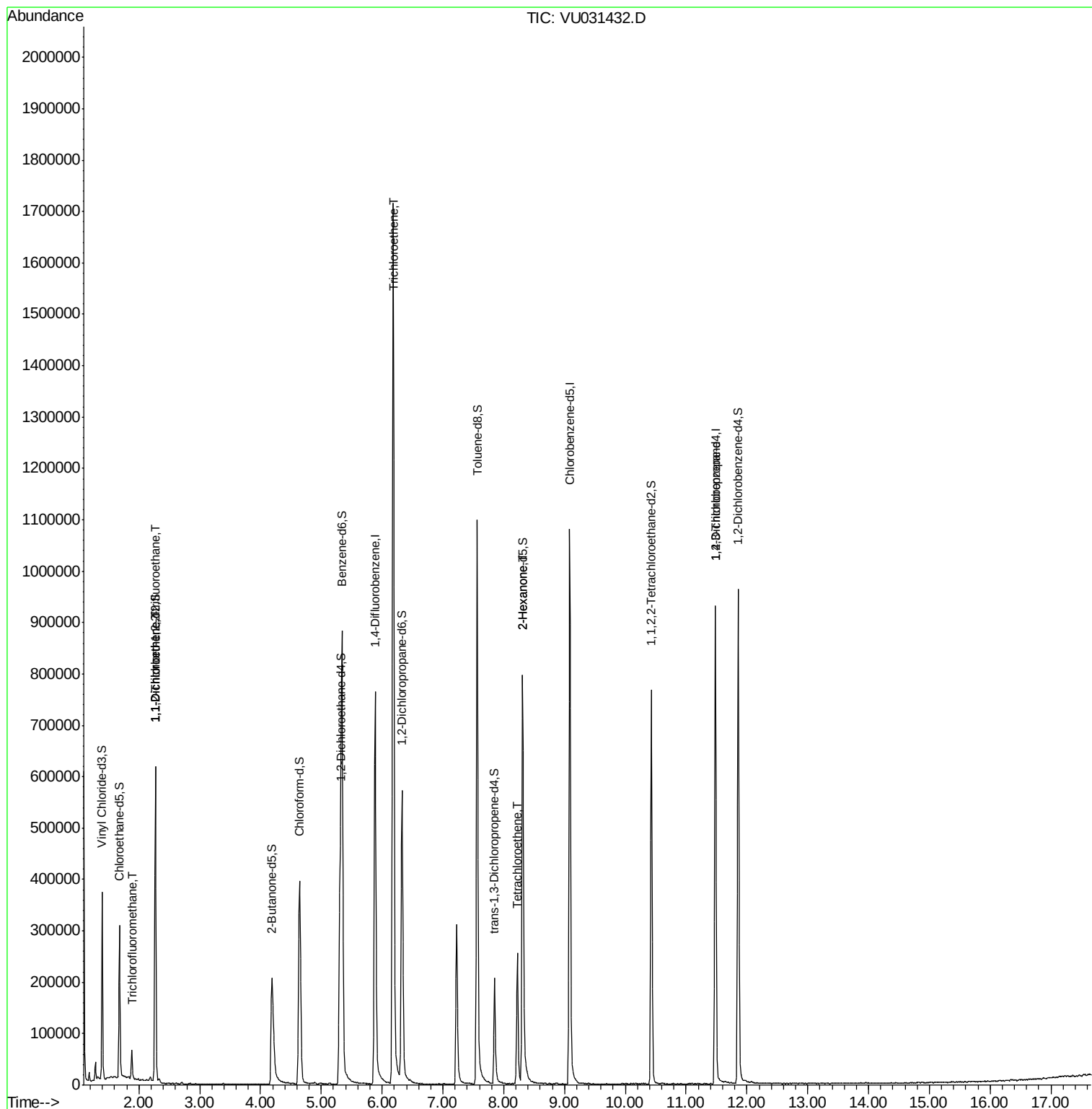
(#) = qualifier out of range (m) = manual integration (+) = signals summed

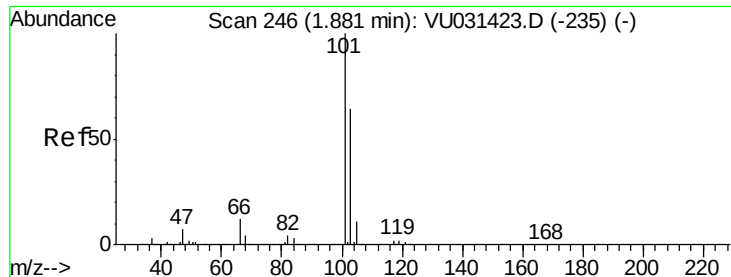
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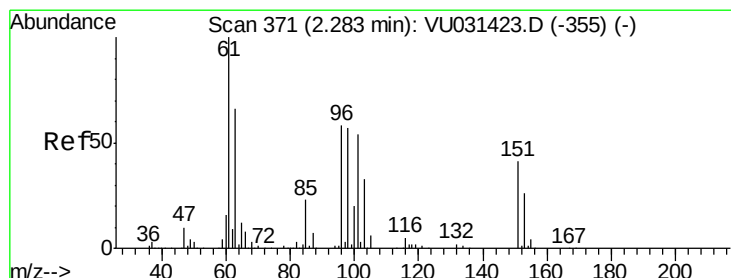
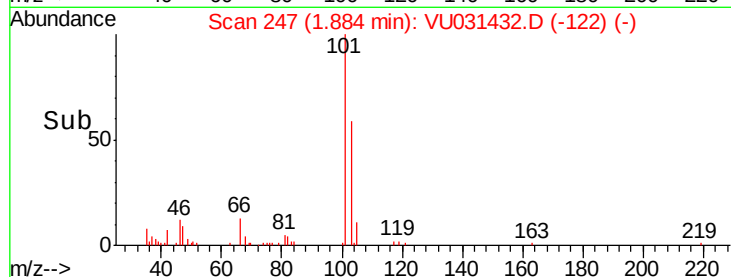
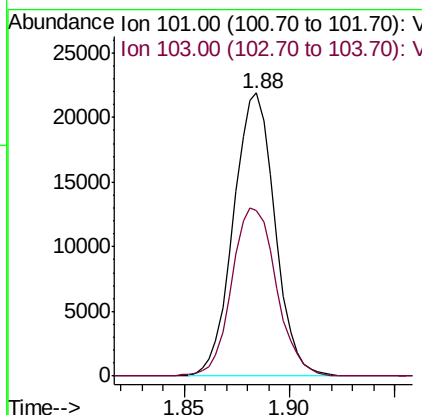
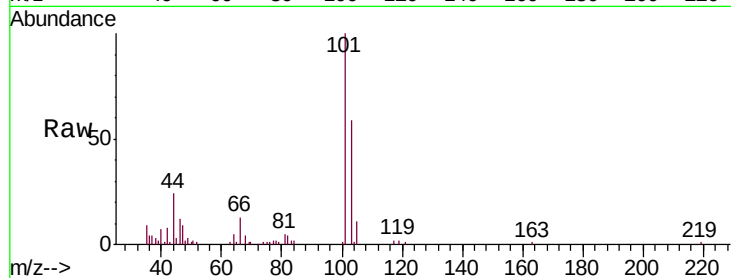


#9

Trichlorofluoromethane
 Concen: 4.073 ug/L
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
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 MSVOA_U
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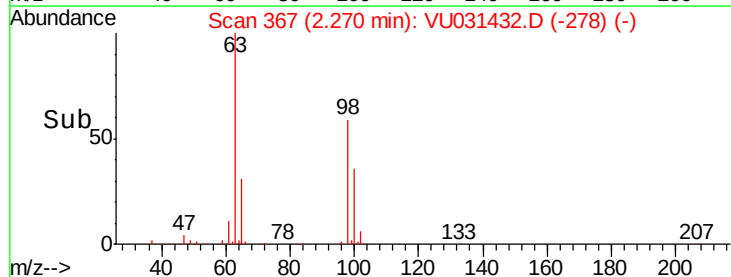
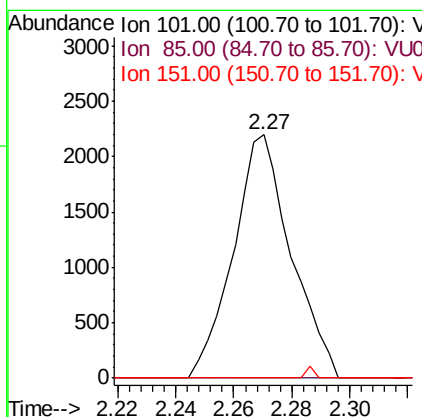
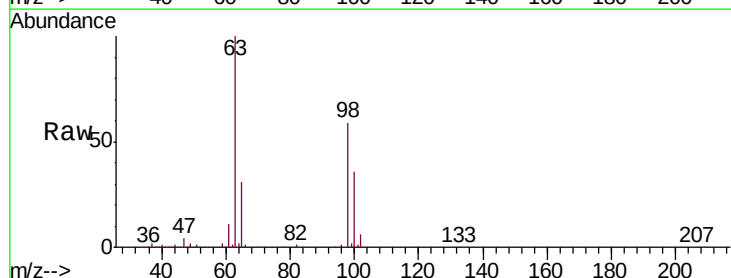
Tgt Ion:101 Resp: 29928
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.4 77.2

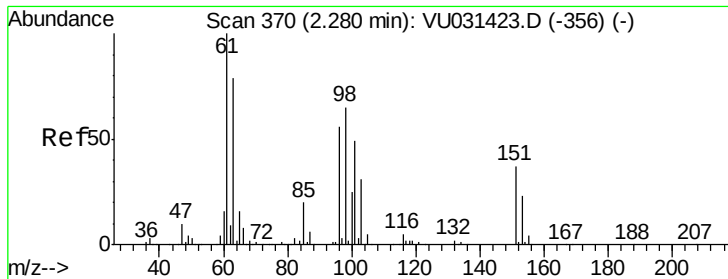


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.711 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VU031432.D
 Acq: 23 Apr 2019 12:53

Tgt Ion:101 Resp: 3032
 Ion Ratio Lower Upper
 101 100
 85 1.6 33.1 49.7#
 151 1.4 61.4 92.0#

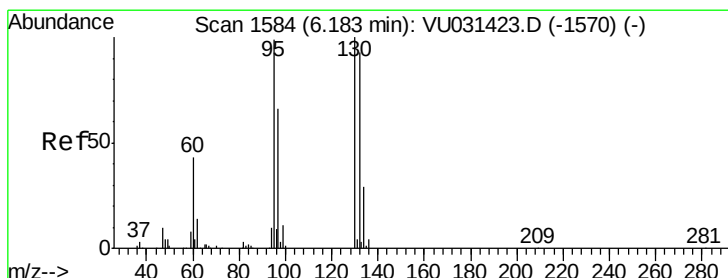
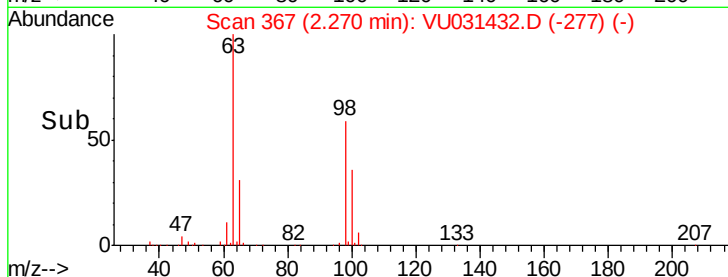
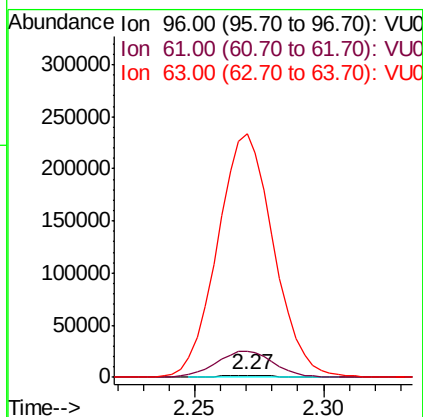
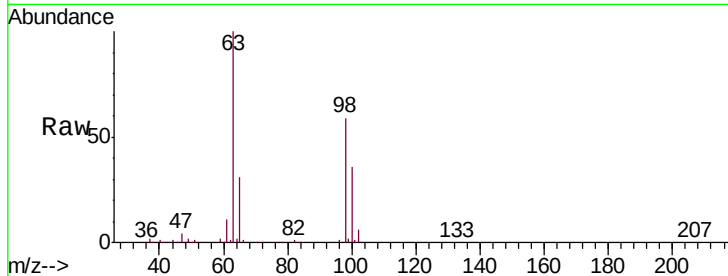




#12
 1,1-Dichloroethene
 Concen: 0.656 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VU031432.D
 Acq: 23 Apr 2019 12:53

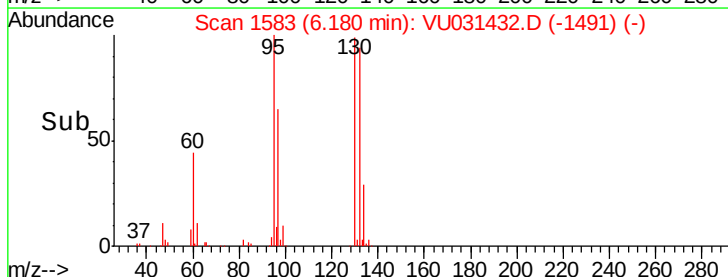
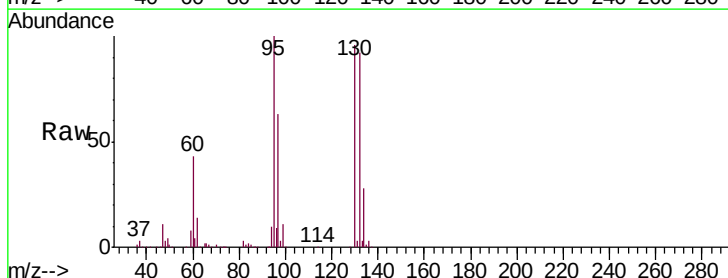
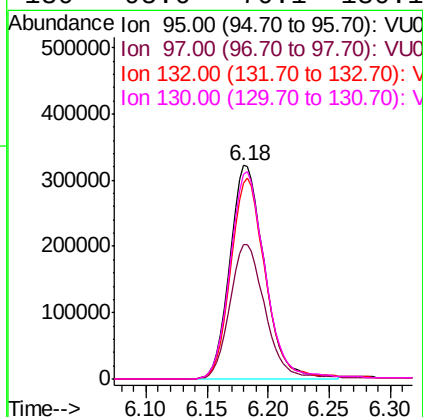
Instrument :
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 C0X16

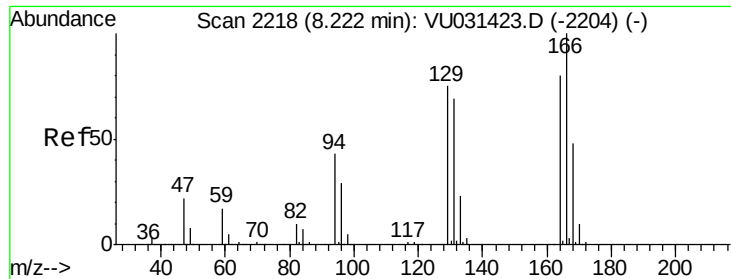
Tgt Ion: 96 Resp: 2750
 Ion Ratio Lower Upper
 96 100
 61 1403.1 118.9 220.9#
 63 13003.1 99.3 184.3#



#34
 Trichloroethene
 Concen: 129.844 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU031432.D
 Acq: 23 Apr 2019 12:53

Tgt Ion: 95 Resp: 638262
 Ion Ratio Lower Upper
 95 100
 97 62.9 44.9 83.5
 132 91.6 68.0 126.2
 130 95.6 70.1 130.1

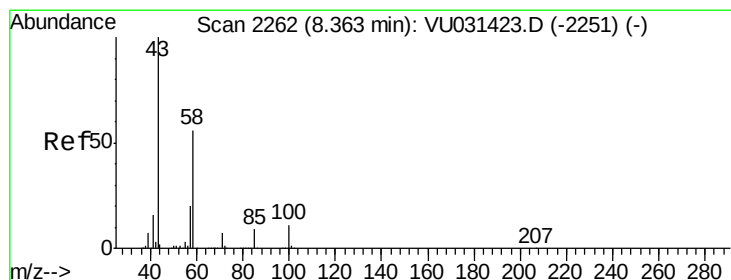
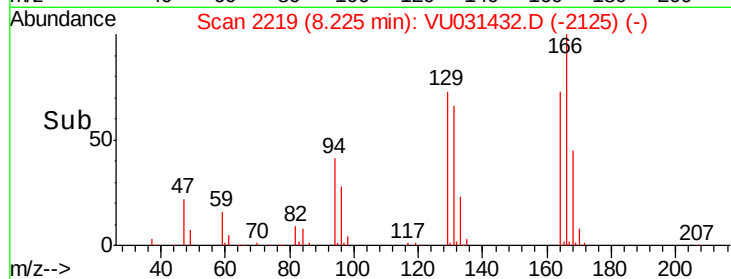
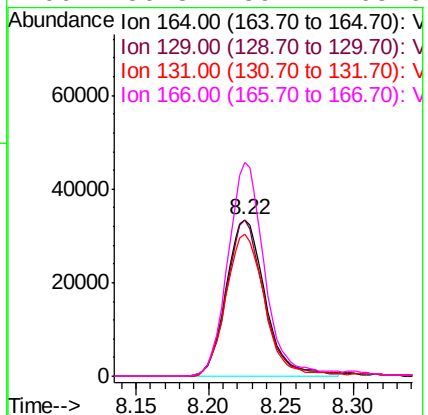
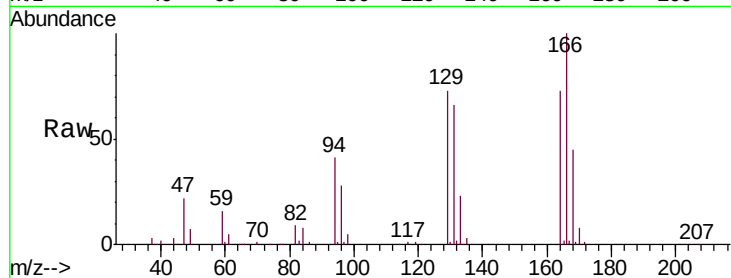




#46
Tetrachloroethene
Concen: 17.865 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031432.D
Acq: 23 Apr 2019 12:53

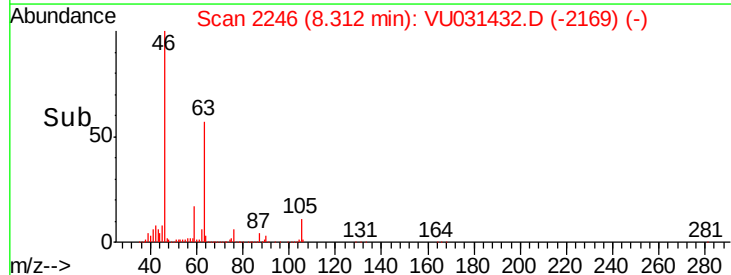
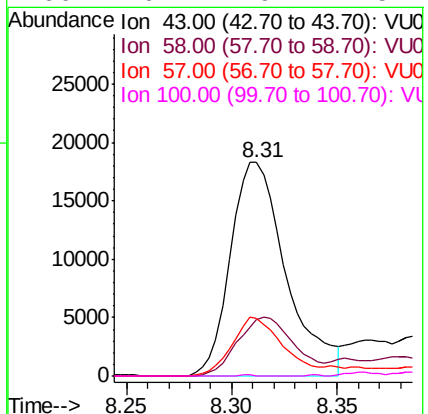
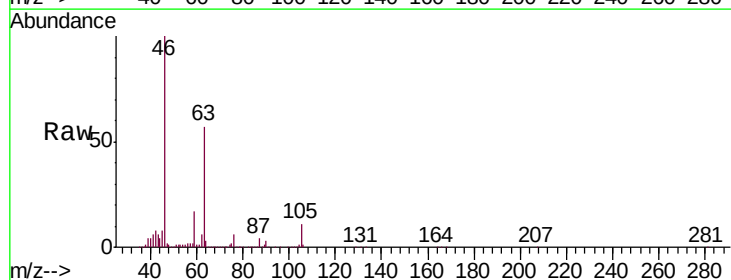
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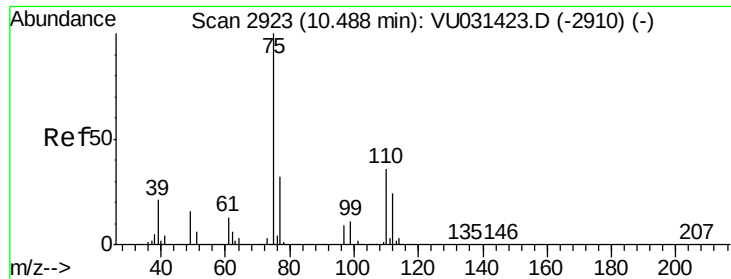
Tgt Ion:164 Resp: 62281
Ion Ratio Lower Upper
164 100
129 100.0 65.2 121.0
131 90.3 61.4 114.0
166 136.3 89.2 165.6



#48
2-Hexanone
Concen: 5.759 ug/L
RT: 8.31 min Scan# 2246
Delta R.T. -0.05 min
Lab File: VU031432.D
Acq: 23 Apr 2019 12:53

Tgt Ion: 43 Resp: 33758
Ion Ratio Lower Upper
43 100
58 28.1 45.5 68.3#
57 24.9 15.2 22.8#
100 0.1 9.1 13.7#





#59

1,2,3-Trichloropropane

Concen: 4.592 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031432.D

Acq: 23 Apr 2019 12:53

Instrument :

MSVOA_U

ClientSampleId :

C0X16

Tgt Ion: 75 Resp: 28024

Ion Ratio Lower Upper

75 100

77 39.1 25.6 38.4#

