

Data File : VU031549.D
Acq On : 26 Apr 2019 22:43
Operator : JC/SP
Sample : K2536-21 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X09

Quant Time: Apr 27 03:30:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 03:26:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	875521	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	799621	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	320809	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	376933	51.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.88%
7) Chloroethane-d5	1.68	69	301291	53.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.42%
11) 1,1-Dichloroethene-d2	2.27	63	541103	37.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.16%
21) 2-Butanone-d5	4.19	46	682939	102.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.87%
24) Chloroform-d	4.64	84	626651	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.31	65	412372	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.06%
32) Benzene-d6	5.34	84	1316205	53.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.20%
36) 1,2-Dichloropropane-d6	6.32	67	446704	51.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.42%
41) Toluene-d8	7.56	98	1093795	51.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.28%
43) trans-1,3-Dichloropropene-	7.85	79	181676	48.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.98%
47) 2-Hexanone-d5	8.31	63	430586	115.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	573602	49.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	362160	53.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.36%

Target Compounds

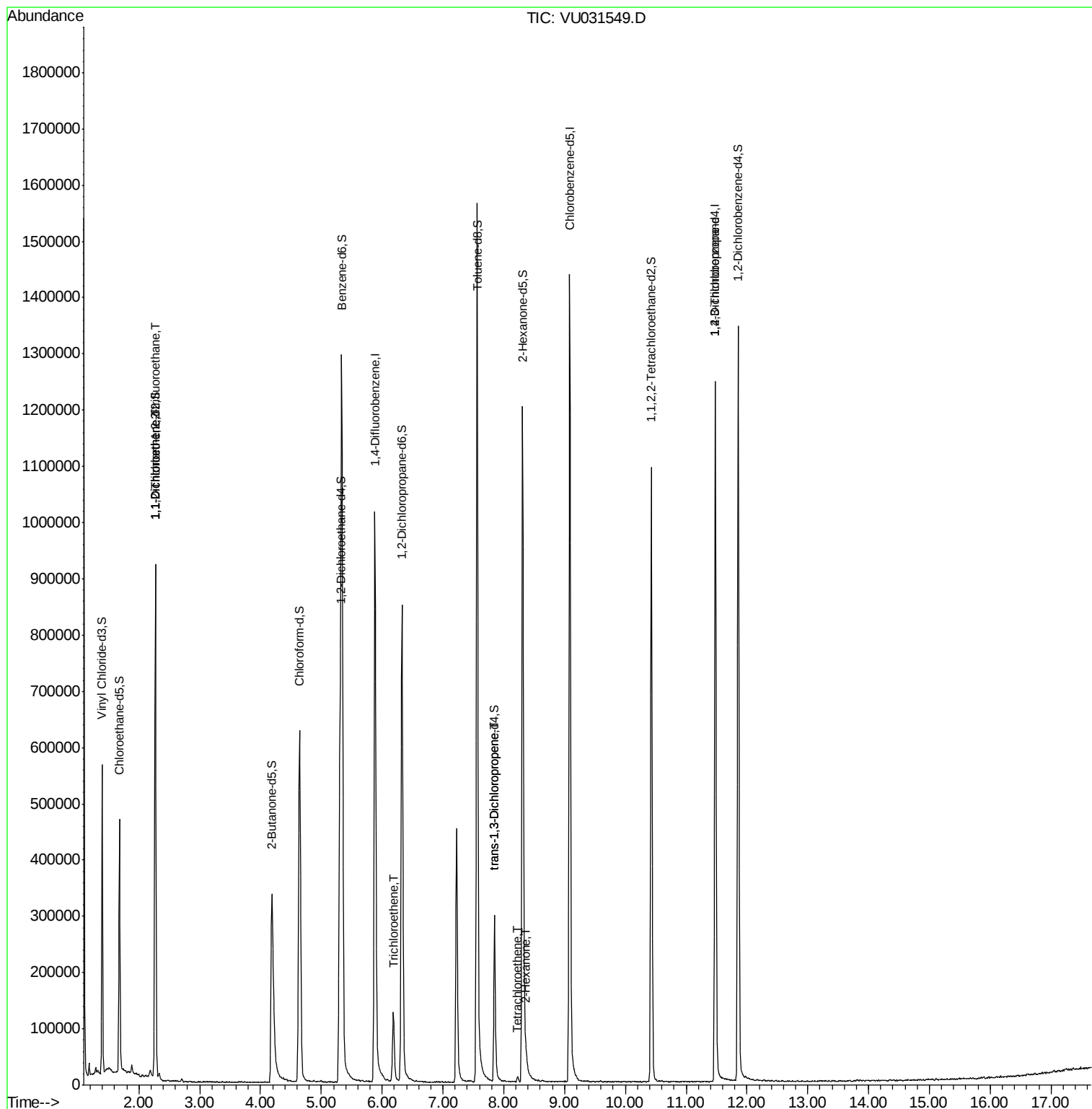
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	5054	0.720	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	4287	0.628	ug/L #	1
34) Trichloroethene	6.19	95	46313	6.499	ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	7356	0.735	ug/L #	75
46) Tetrachloroethene	8.22	164	2326	0.479	ug/L	82
48) 2-Hexanone	8.38	43	19560	1.883	ug/L #	40
59) 1,2,3-Trichloropropane	11.48	75	41668	4.211	ug/L	90

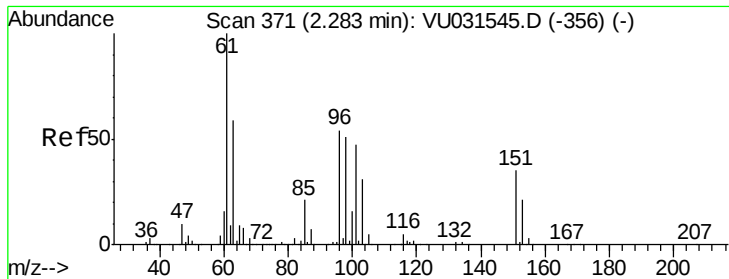
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.720 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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C0X09

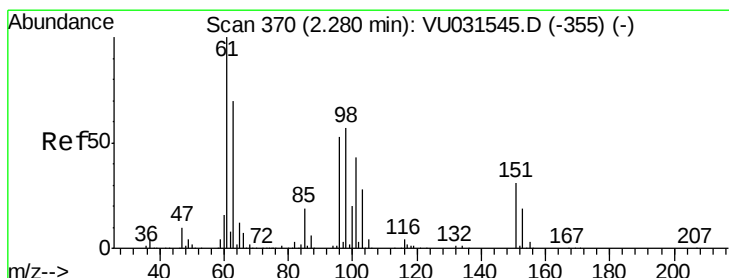
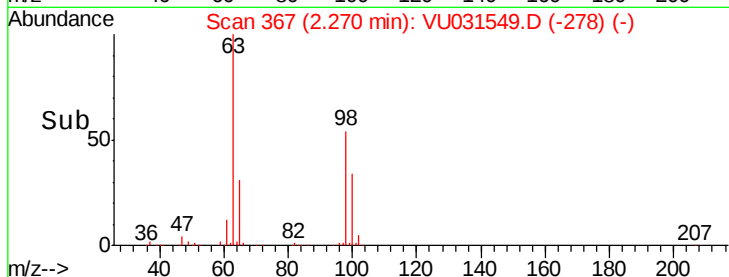
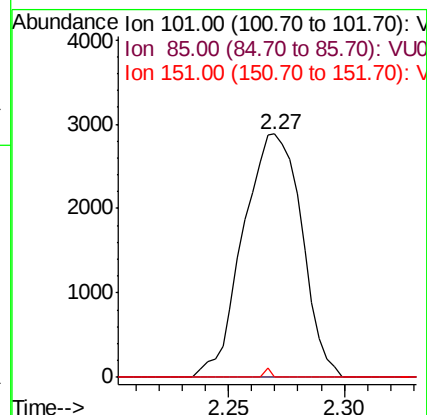
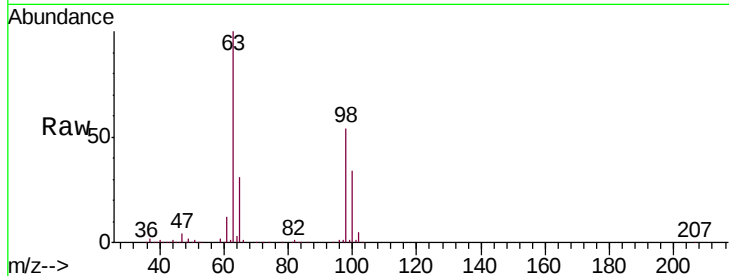
Tgt Ion: 101 Resp: 5054

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

151 0.0 56.1 84.1#



#12

1,1-Dichloroethene

Concen: 0.628 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031549.D

Acq: 26 Apr 2019 22:43

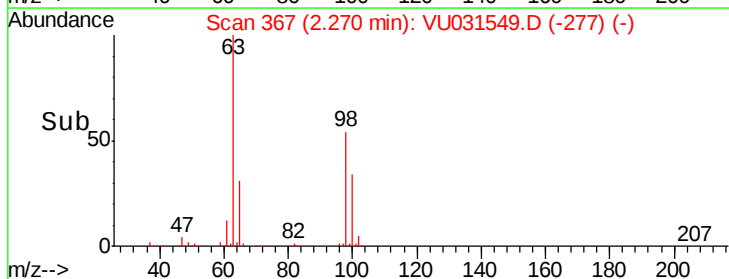
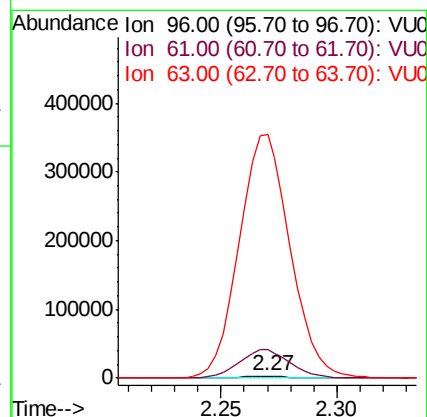
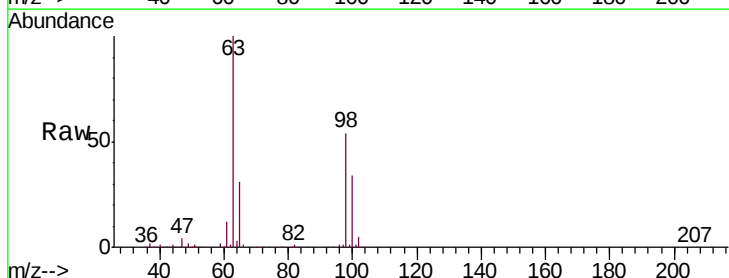
Tgt Ion: 96 Resp: 4287

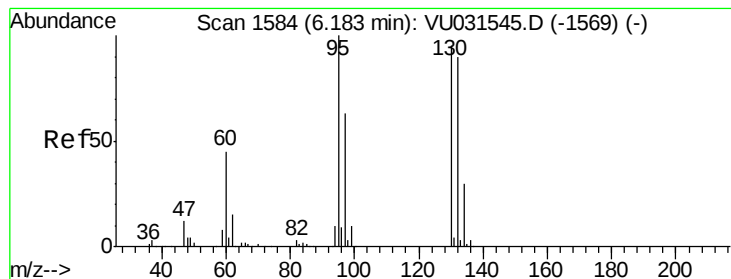
Ion Ratio Lower Upper

96 100

61 1467.1 135.0 250.6#

63 12626.7 103.5 192.3#





#34

Trichloroethene

Concen: 6.499 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VU031549.D

Acq: 26 Apr 2019 22:43

Instrument :

MSVOA_U

ClientSampleId :

C0X09

Tgt Ion: 95 Resp: 46313

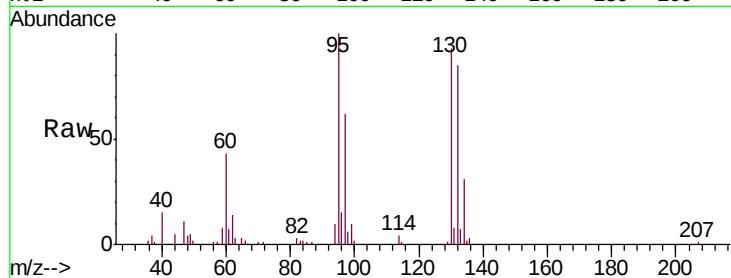
Ion Ratio Lower Upper

95 100

97 62.3 44.8 83.2

132 84.7 63.1 117.1

130 93.1 66.5 123.5

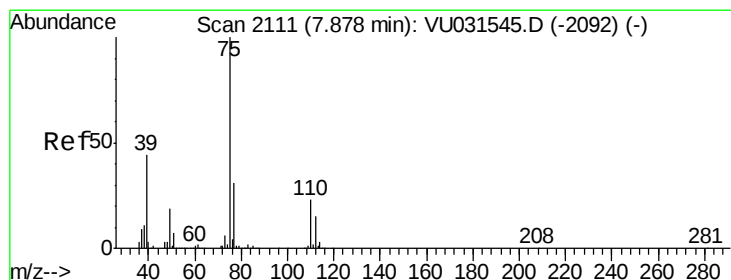
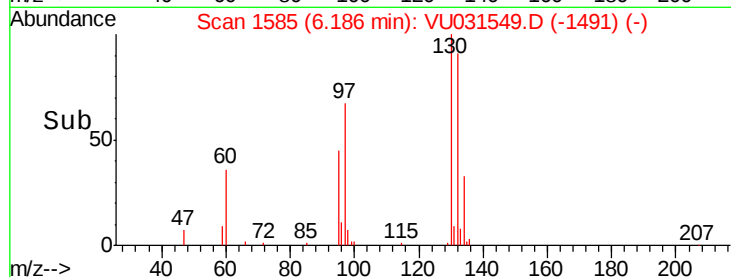
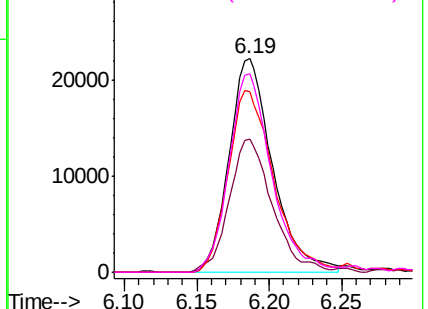


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#44

trans-1,3-Dichloropropene

Concen: 0.735 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031549.D

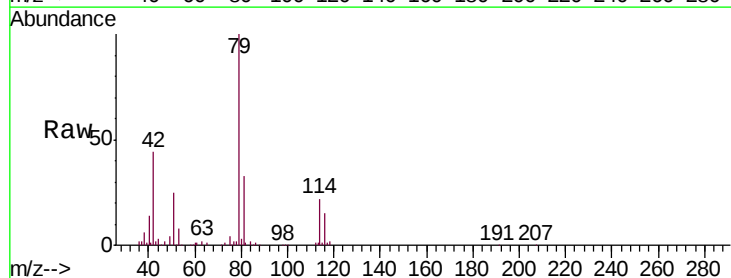
Acq: 26 Apr 2019 22:43

Tgt Ion: 75 Resp: 7356

Ion Ratio Lower Upper

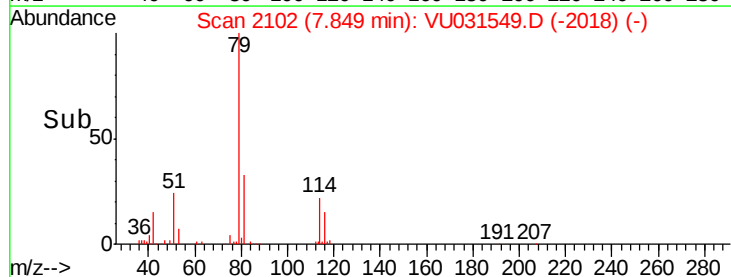
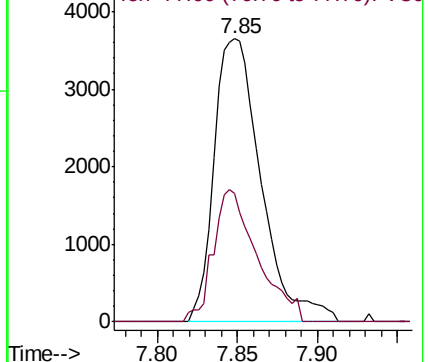
75 100

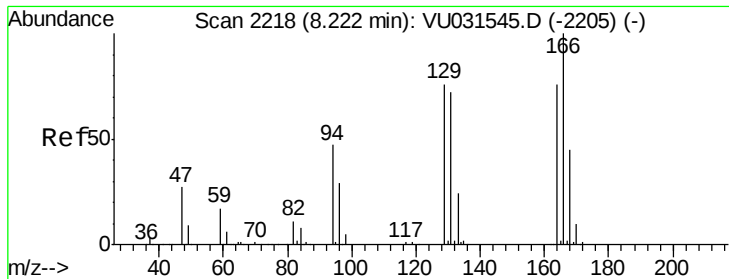
77 45.3 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

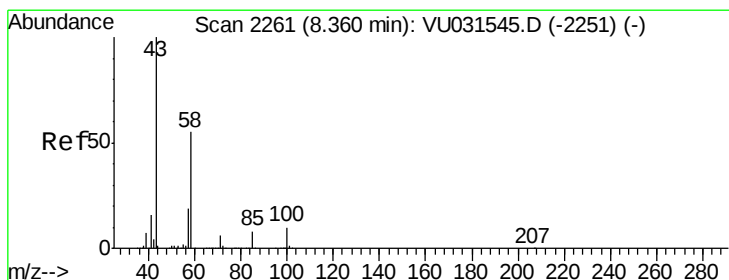
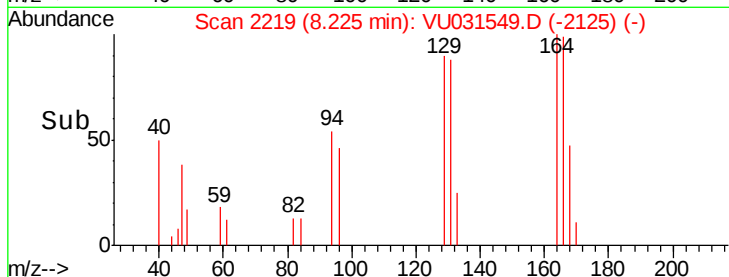
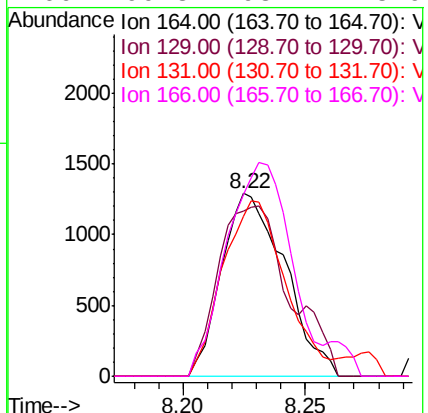
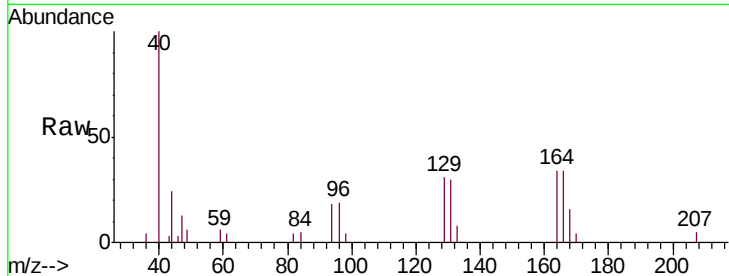




#46
Tetrachloroethene
Concen: 0.479 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031549.D
Acq: 26 Apr 2019 22:43

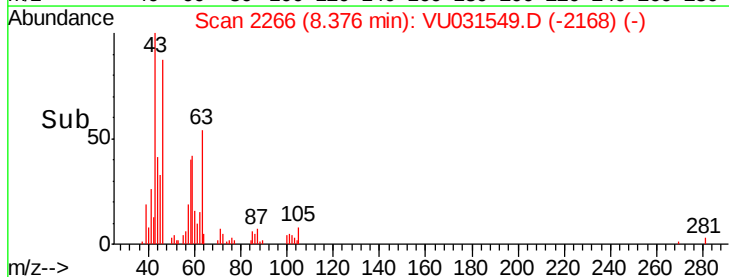
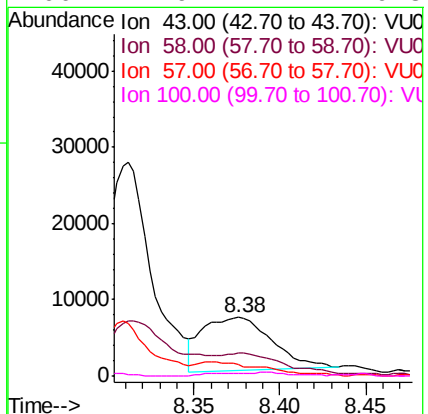
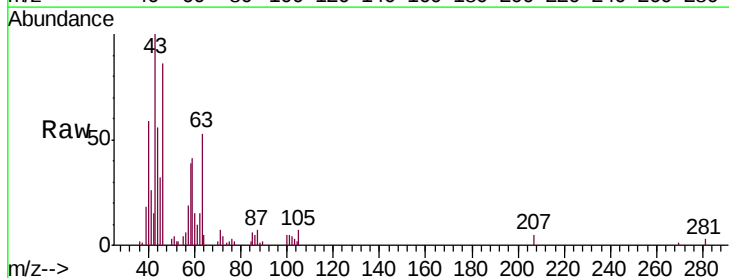
Instrument :
MSVOA_U
ClientSampleId :
C0X09

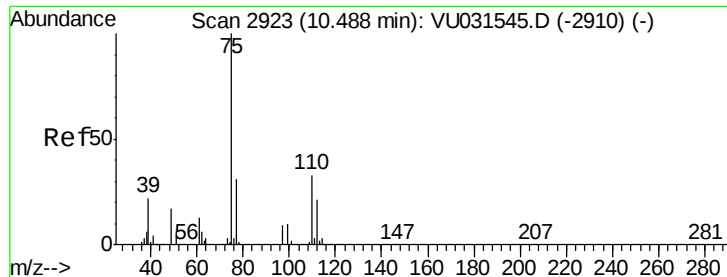
Tgt Ion: 164 Resp: 2326
Ion Ratio Lower Upper
164 100
129 90.5 71.5 132.9
131 87.6 69.0 128.2
166 99.3 93.7 173.9



#48
2-Hexanone
Concen: 1.883 ug/L
RT: 8.38 min Scan# 2266
Delta R.T. 0.02 min
Lab File: VU031549.D
Acq: 26 Apr 2019 22:43

Tgt Ion: 43 Resp: 19560
Ion Ratio Lower Upper
43 100
58 0.0 42.1 63.1#
57 0.0 14.6 22.0#
100 2.9 7.2 10.8#





#59

1,2,3-Trichloropropane

Concen: 4.211 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031549.D

Acq: 26 Apr 2019 22:43

Instrument :

MSVOA_U

ClientSampleId :

C0X09

Tgt Ion: 75 Resp: 41668

Ion Ratio Lower Upper

75 100

77 38.0 25.9 38.9

