

Data File : VU031553.D
Acq On : 27 Apr 2019 00:16
Operator : JC/SP
Sample : K2592-06 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COWZ7

Quant Time: Apr 27 03:31:21 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	829062	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	791780	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	311708	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	375422	54.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.22%
7) Chloroethane-d5	1.68	69	284320	53.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.04%
11) 1,1-Dichloroethene-d2	2.27	63	535975	38.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.58%
21) 2-Butanone-d5	4.18	46	699671	111.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.29%
24) Chloroform-d	4.64	84	615334	48.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.84%
26) 1,2-Dichloroethane-d4	5.31	65	412085	49.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.28%
32) Benzene-d6	5.34	84	1285221	52.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.72%
36) 1,2-Dichloropropane-d6	6.33	67	440486	51.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.98%
41) Toluene-d8	7.56	98	1084940	51.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.46%
43) trans-1,3-Dichloropropene-	7.85	79	177002	48.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.40%
47) 2-Hexanone-d5	8.31	63	441526	119.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.25%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	566889	49.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	343983	52.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.94%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4276	0.643 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	3593	0.555 ug/L #	1
34) Trichloroethene	6.18	95	118980	16.861 ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	6173	0.623 ug/L	83
46) Tetrachloroethene	8.23	164	5408	1.124 ug/L	96
48) 2-Hexanone	8.38	43	20157	1.960 ug/L #	60
59) 1,2,3-Trichloropropane	11.48	75	41045	4.189 ug/L	93

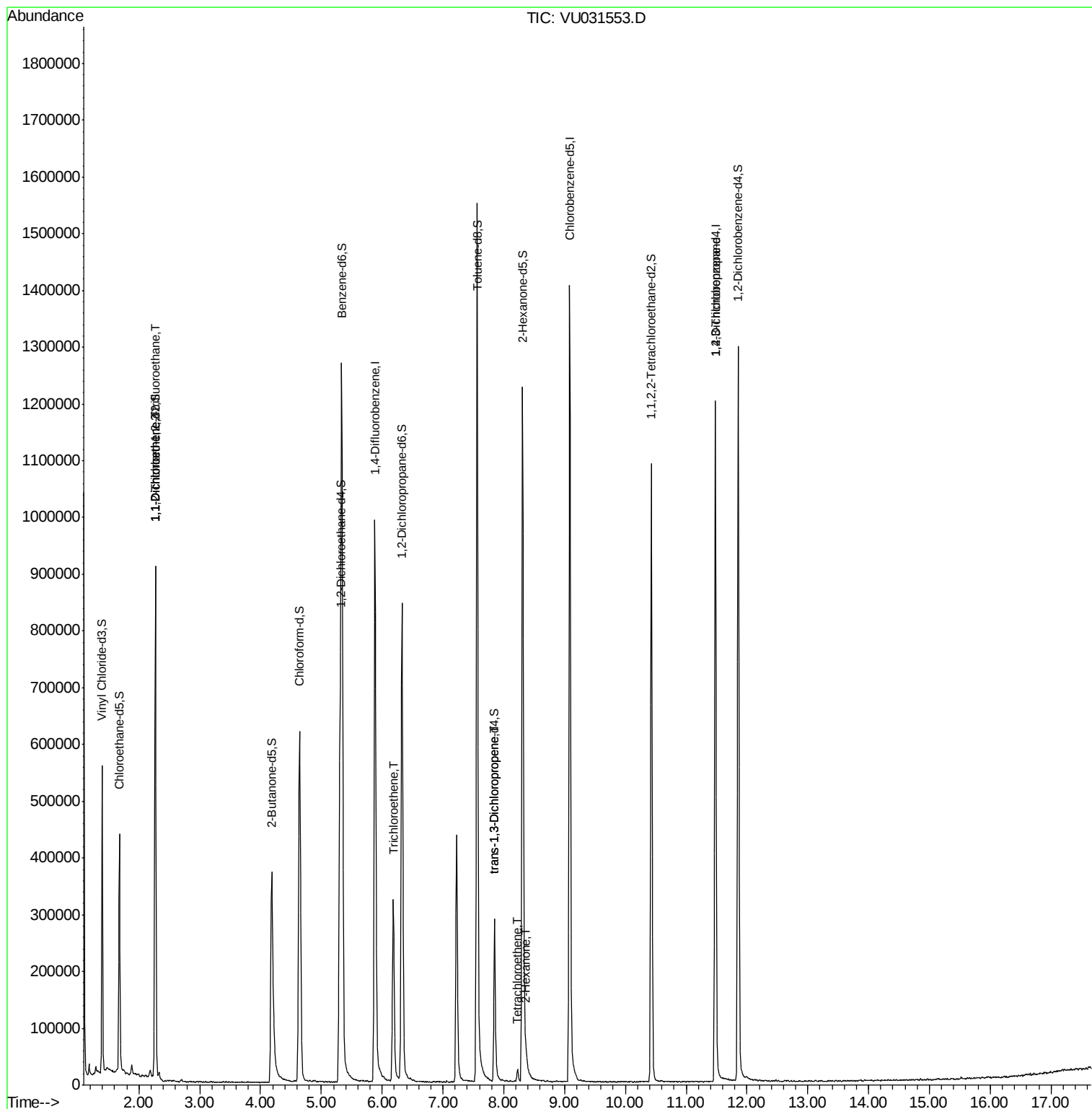
(#) = qualifier out of range (m) = manual integration (+) = signals summed

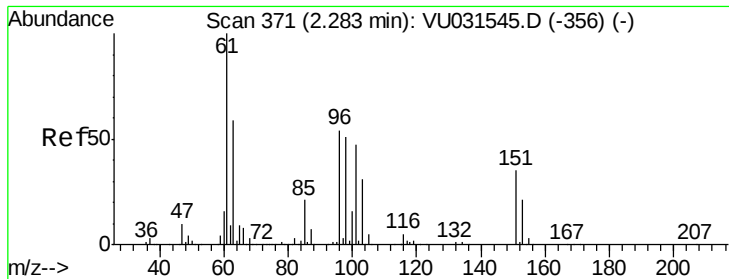
Data File : VU031553.D

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ClientSampleId :
C0WZ7

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Quant Title : VOC Analysis
QLast Update : Sat Apr 27 03:26:56 2019
Response via : Initial Calibration





#10

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

Concen: 0.643 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU031553.D

Acq: 27 Apr 2019 00:16

Instrument :

MSVOA_U

ClientSampleId :

C0WZ7

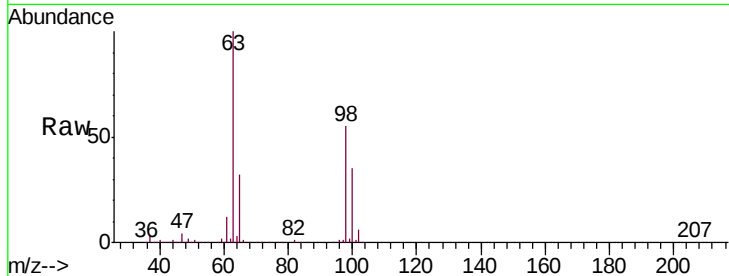
Tgt Ion: 101 Resp: 4276

Ion Ratio Lower Upper

101 100

85 0.9 36.1 54.1#

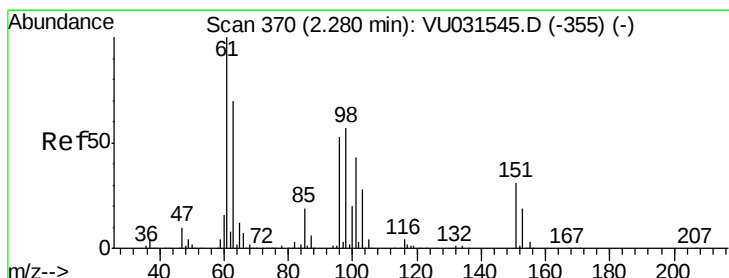
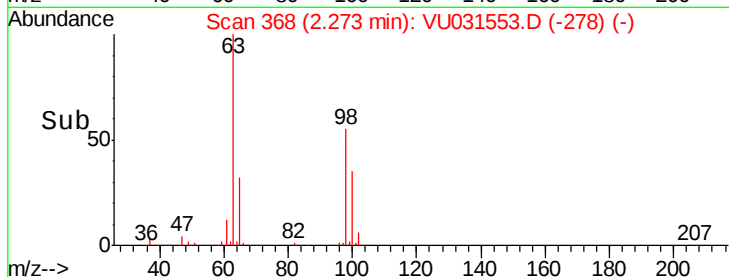
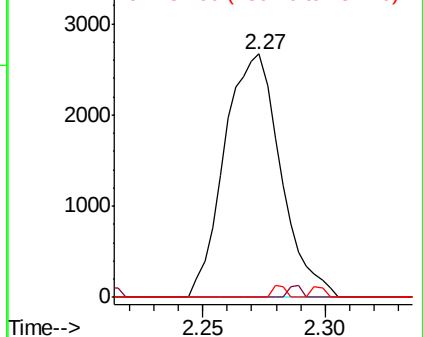
151 1.1 56.1 84.1#



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: 0.555 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU031553.D

Acq: 27 Apr 2019 00:16

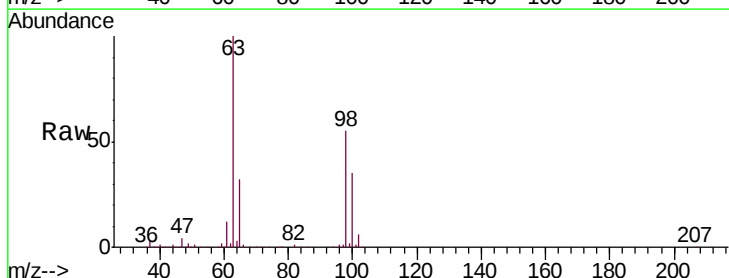
Tgt Ion: 96 Resp: 3593

Ion Ratio Lower Upper

96 100

61 1557.4 135.0 250.6#

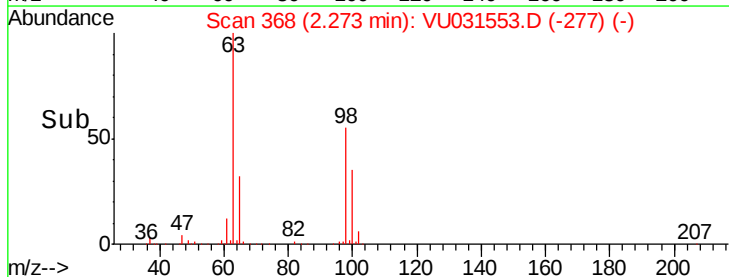
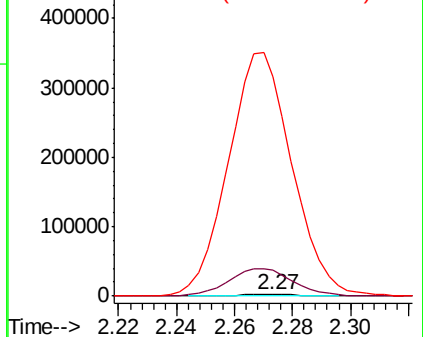
63 13363.1 103.5 192.3#

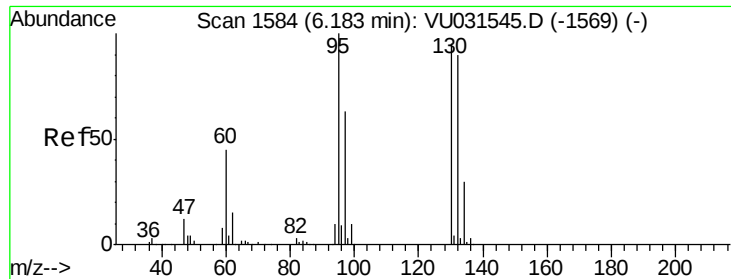


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

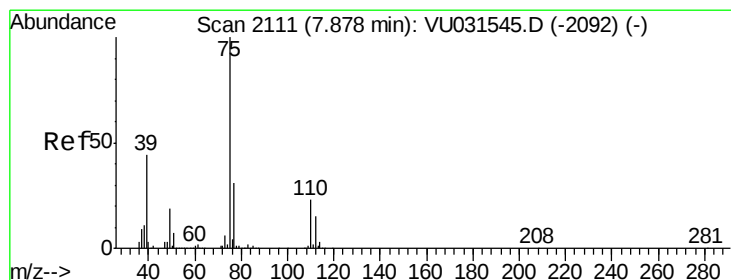
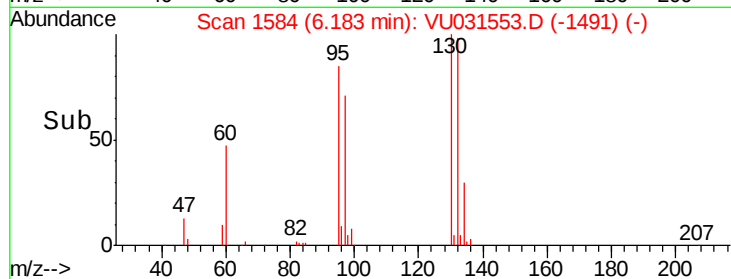
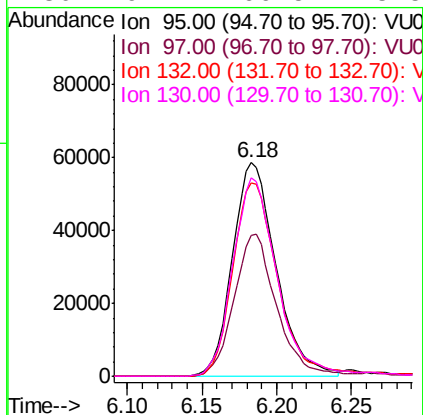
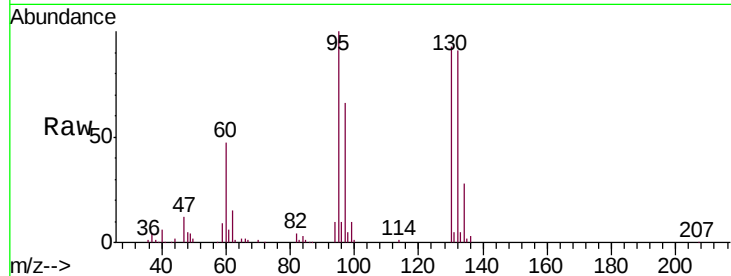




#34
 Trichloroethene
 Concen: 16.861 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VU031553.D
 Acq: 27 Apr 2019 00:16

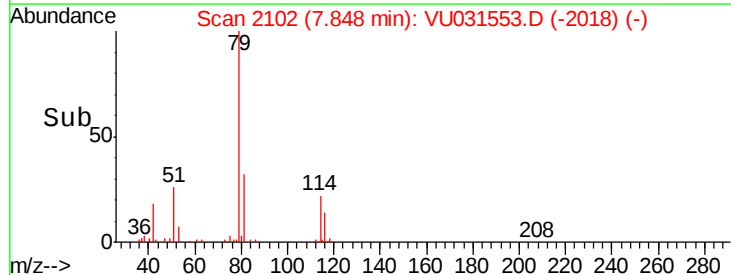
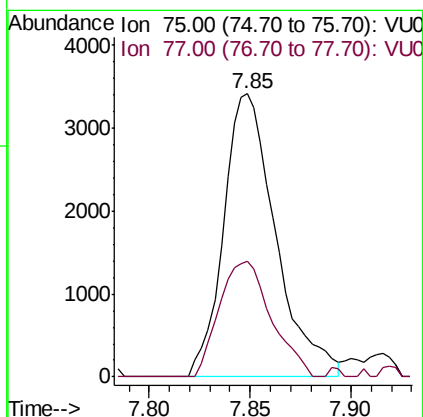
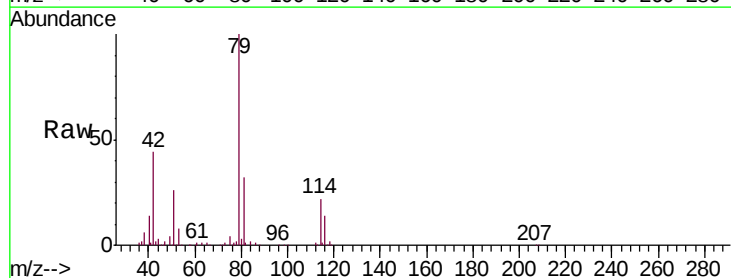
Instrument :
 MSVOA_U
 ClientSampled :
 COWZ7

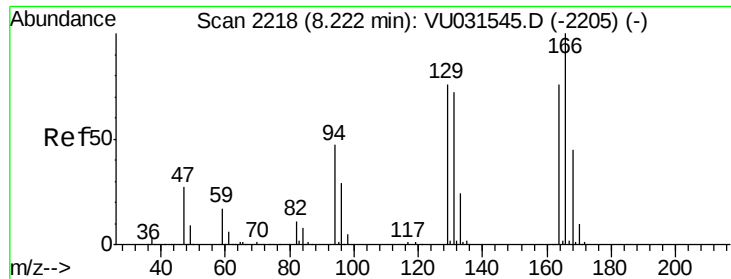
Tgt Ion:	95	Resp:	118980
Ion	Ratio	Lower	Upper
95	100		
97	65.8	44.8	83.2
132	90.7	63.1	117.1
130	92.7	66.5	123.5



#44
 trans-1,3-Dichloropropene
 Concen: 0.623 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU031553.D
 Acq: 27 Apr 2019 00:16

Tgt Ion:	75	Resp:	6173
Ion	Ratio	Lower	Upper
75	100		
77	40.8	22.1	41.1

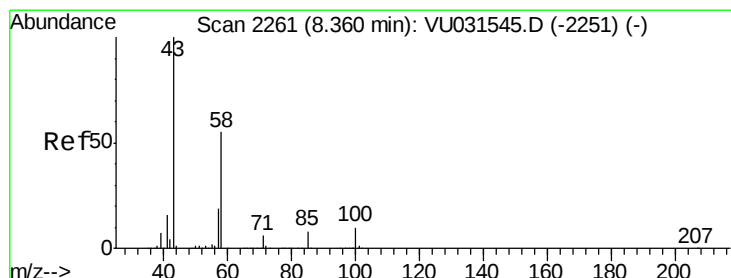
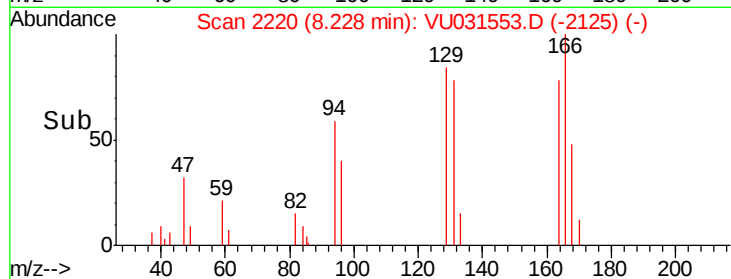
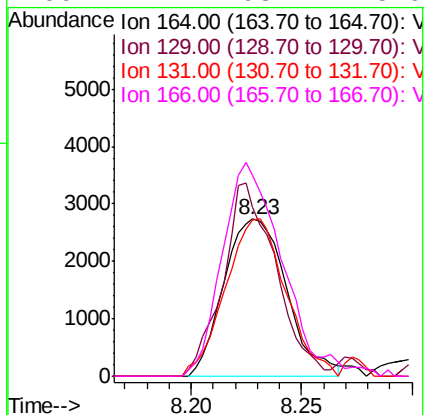
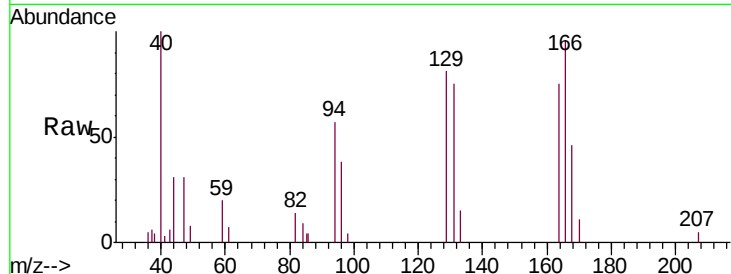




#46
Tetrachloroethene
Concen: 1.124 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.01 min
Lab File: VU031553.D
Acq: 27 Apr 2019 00:16

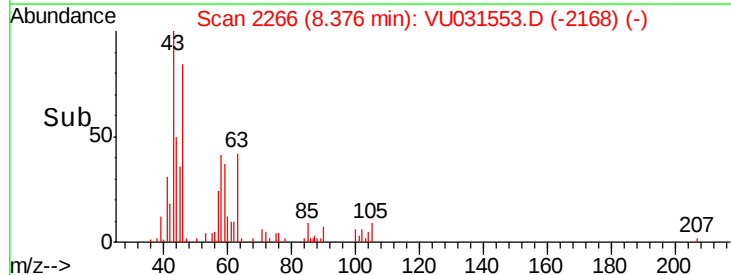
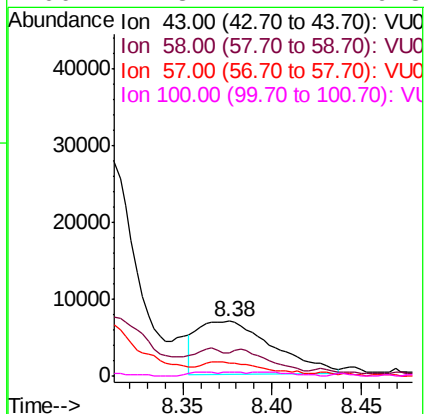
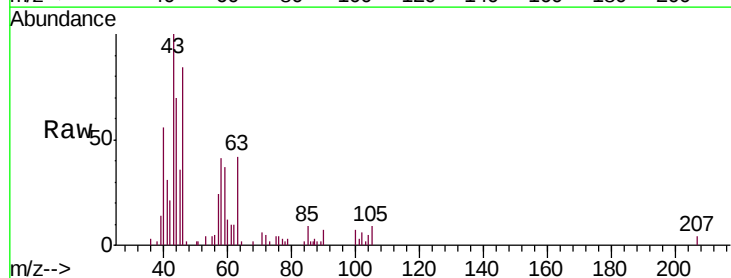
Instrument :
MSVOA_U
ClientSampleId :
COWZ7

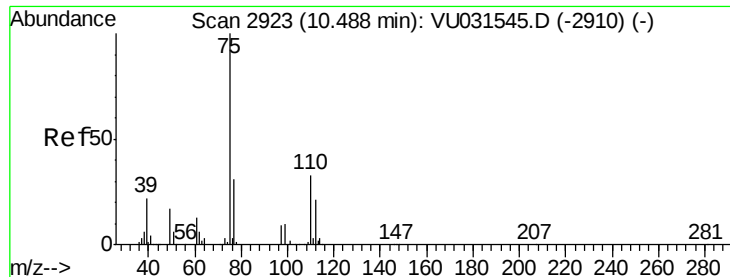
Tgt Ion: 164 Resp: 5408
Ion Ratio Lower Upper
164 100
129 107.7 71.5 132.9
131 99.0 69.0 128.2
166 127.7 93.7 173.9



#48
2-Hexanone
Concen: 1.960 ug/L
RT: 8.38 min Scan# 2266
Delta R.T. 0.02 min
Lab File: VU031553.D
Acq: 27 Apr 2019 00:16

Tgt Ion: 43 Resp: 20157
Ion Ratio Lower Upper
43 100
58 22.0 42.1 63.1#
57 0.0 14.6 22.0#
100 2.3 7.2 10.8#





#59

1,2,3-Trichloropropane

Concen: 4.189 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031553.D

Acq: 27 Apr 2019 00:16

Instrument :

MSVOA_U

ClientSampleId :

C0WZ7

Tgt Ion: 75 Resp: 41045

Ion Ratio Lower Upper

75 100

77 36.6 25.9 38.9

