

Data File : VU031566.D
Acq On : 27 Apr 2019 05:19
Operator : JC/SP
Sample : K2592-19 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X86

Quant Time: Apr 29 01:03:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 29 01:00:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	809909	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	757203	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	287727	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	350723	51.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.48%
7) Chloroethane-d5	1.68	69	273675	52.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.50%
11) 1,1-Dichloroethene-d2	2.27	63	515694	38.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.40%
21) 2-Butanone-d5	4.19	46	680002	110.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.72%
24) Chloroform-d	4.64	84	604807	48.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.44%
26) 1,2-Dichloroethane-d4	5.31	65	414855	51.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.30%
32) Benzene-d6	5.34	84	1239853	53.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.64%
36) 1,2-Dichloropropane-d6	6.32	67	431687	52.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.54%
41) Toluene-d8	7.56	98	1025828	50.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.30%
43) trans-1,3-Dichloropropene-	7.85	79	164171	46.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.50%
47) 2-Hexanone-d5	8.31	63	415878	117.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.45%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	547025	49.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	324242	53.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.16%

Target Compounds

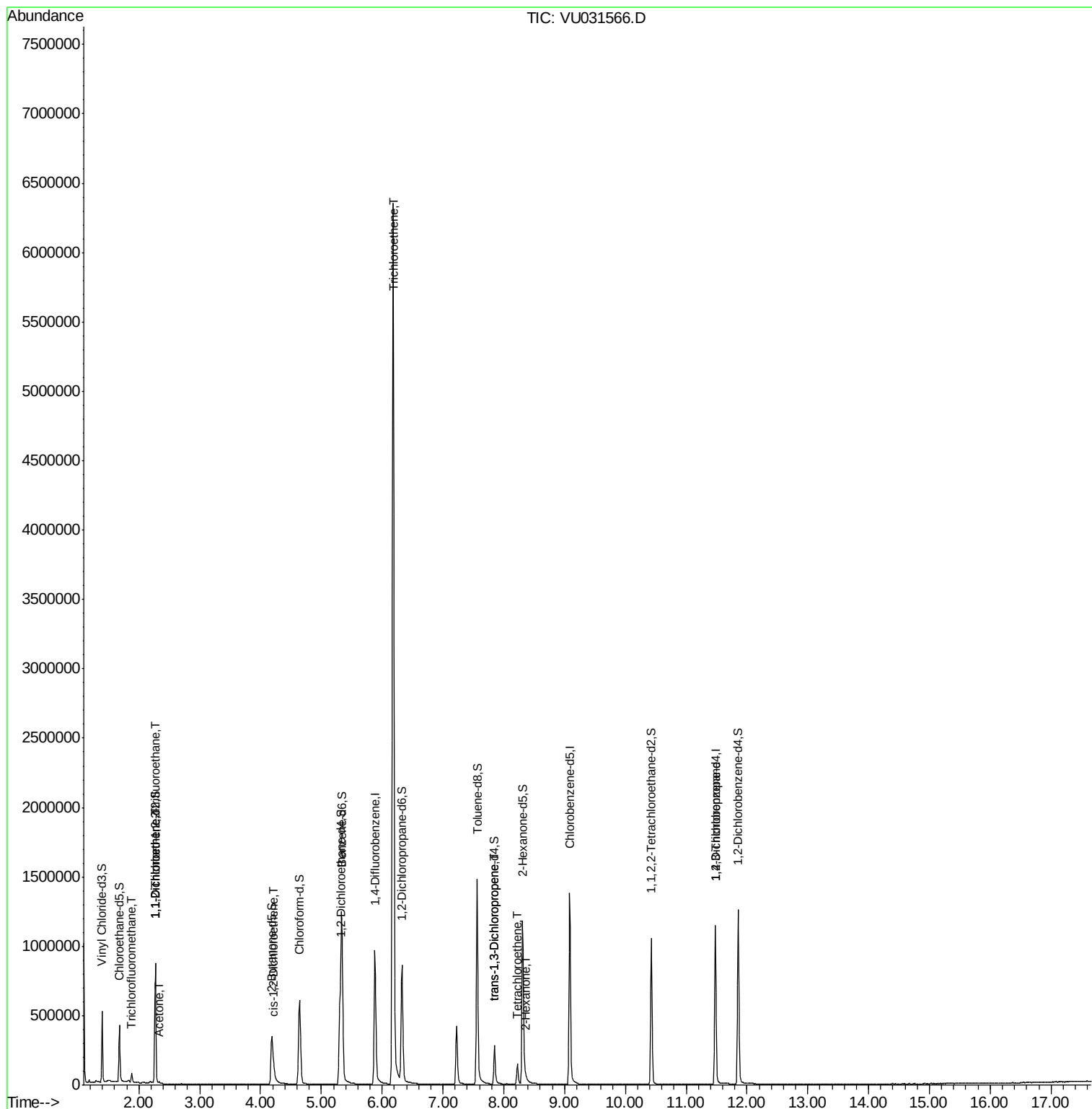
						Qvalue
9) Trichlorofluoromethane	1.88	101	32182	2.802	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4754	0.732	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	3750	0.593	ug/L #	1
13) Acetone	2.34	43	8532	1.233	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	6483	0.918	ug/L	75
34) Trichloroethene	6.18	95	2365255	350.494	ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	7373	0.778	ug/L	88
46) Tetrachloroethene	8.22	164	33293	7.237	ug/L	95
48) 2-Hexanone	8.37	43	20647	2.099	ug/L #	77
59) 1,2,3-Trichloropropane	11.48	75	38025	4.058	ug/L	95

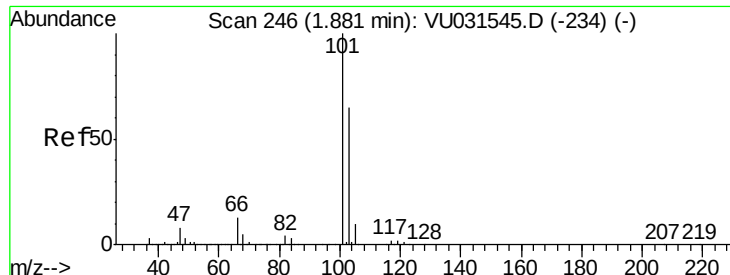
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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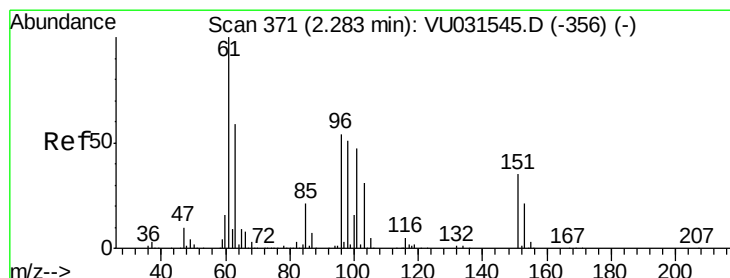
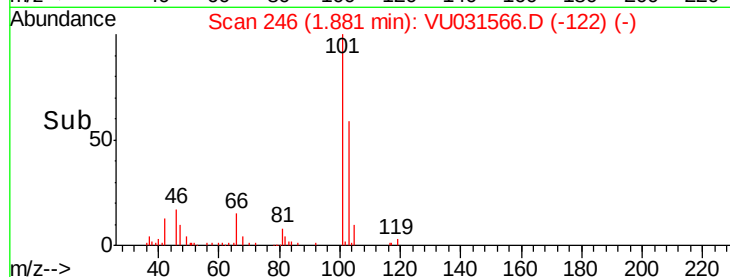
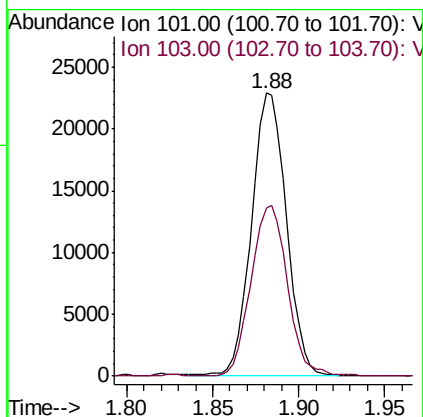
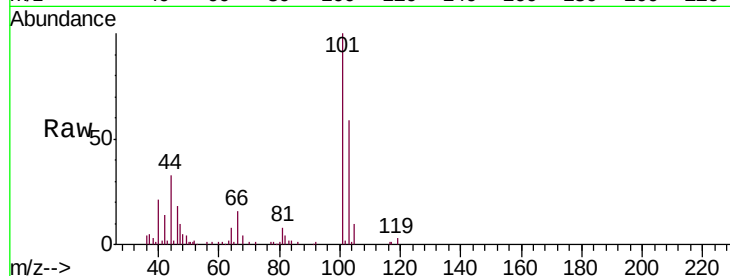


#9

Trichlorofluoromethane
 Concen: 2.802 ug/L
 RT: 1.88 min Scan# 246
 Delta R.T. 0.00 min
 Lab File: VU031566.D
 Acq: 27 Apr 2019 05:19

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X86

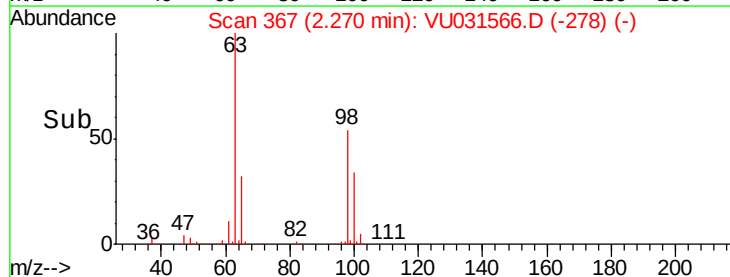
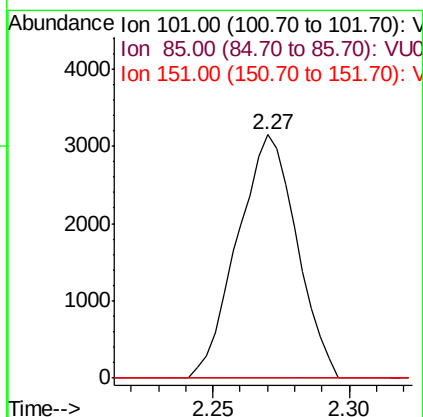
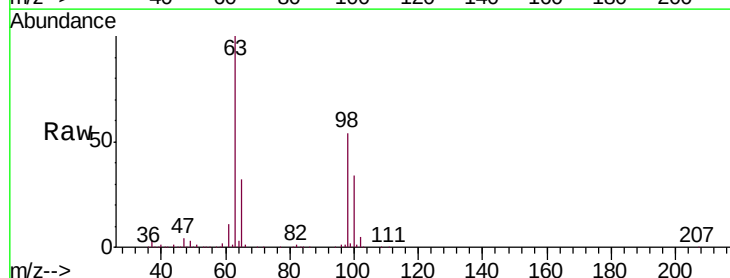
Tgt Ion:101 Resp: 32182
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.8 76.2

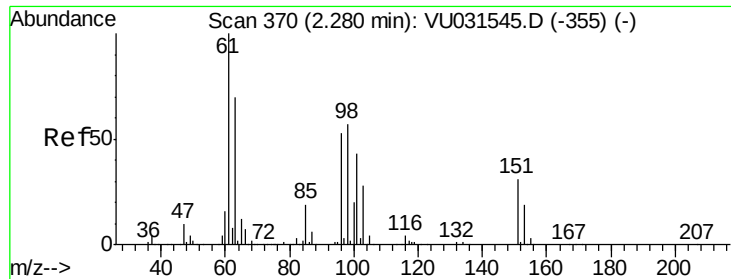


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.732 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VU031566.D
 Acq: 27 Apr 2019 05:19

Tgt Ion:101 Resp: 4754
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.1 54.1#
 151 0.0 56.1 84.1#

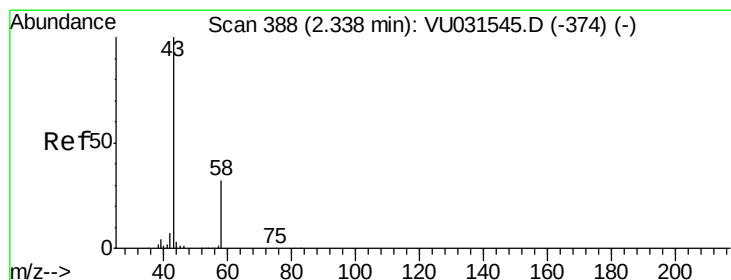
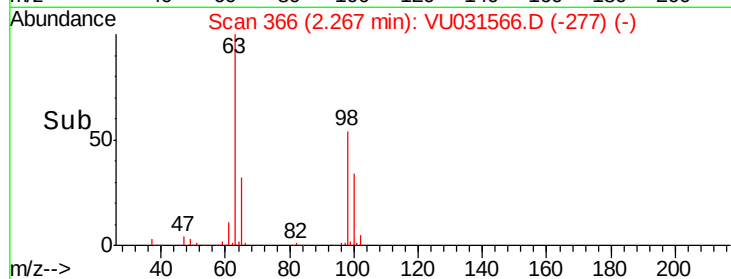
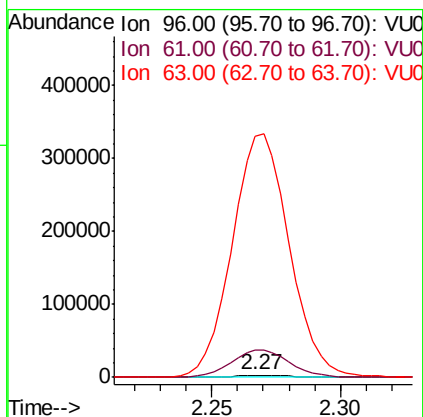
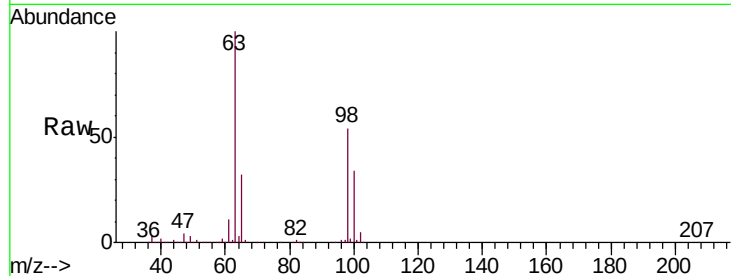




#12
 1,1-Dichloroethene
 Concen: 0.593 ug/L
 RT: 2.27 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: VU031566.D
 Acq: 27 Apr 2019 05:19

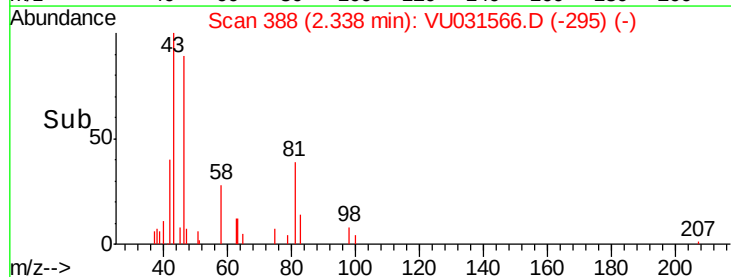
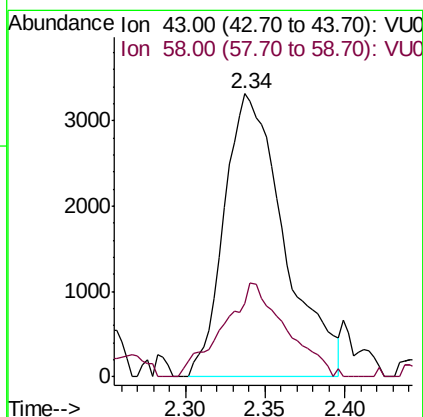
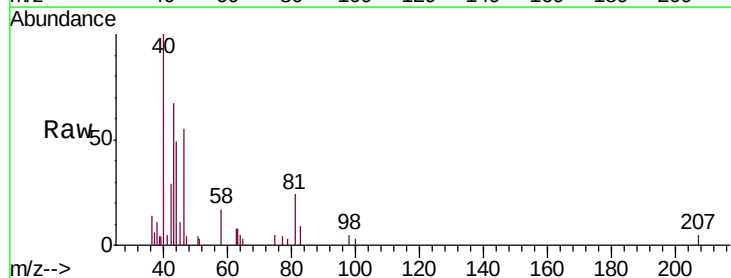
Instrument :
 MSVOA_U
 ClientSampleId :
 C0X86

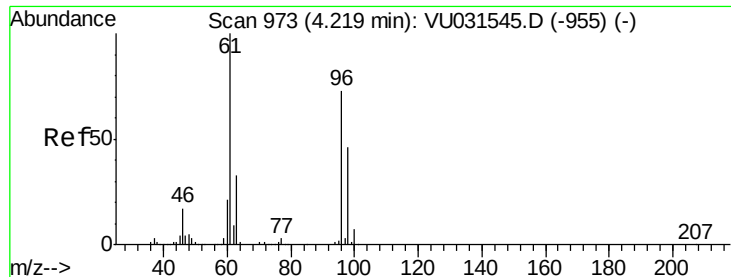
Tgt Ion: 96 Resp: 3750
 Ion Ratio Lower Upper
 96 100
 61 1648.5 135.0 250.6#
 63 14345.2 103.5 192.3#



#13
 Acetone
 Concen: 1.233 ug/L
 RT: 2.34 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VU031566.D
 Acq: 27 Apr 2019 05:19

Tgt Ion: 43 Resp: 8532
 Ion Ratio Lower Upper
 43 100
 58 31.8 0.0 64.4

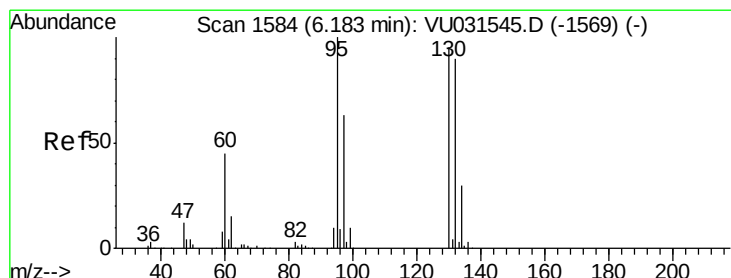
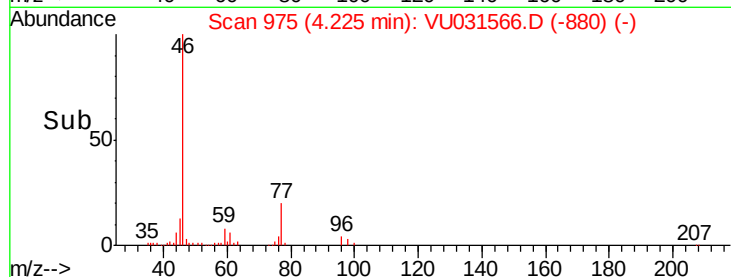
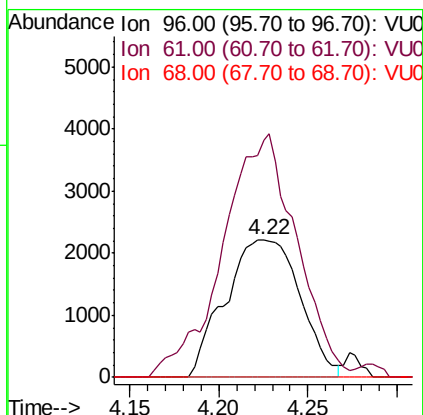
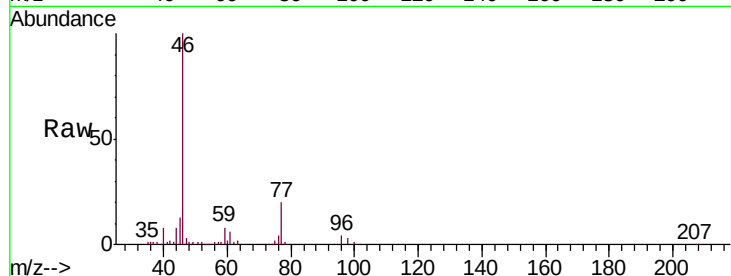




#20
 cis-1,2-Dichloroethene
 Concen: 0.918 ug/L
 RT: 4.22 min Scan# 975
 Delta R.T. 0.01 min
 Lab File: VU031566.D
 Acq: 27 Apr 2019 05:19

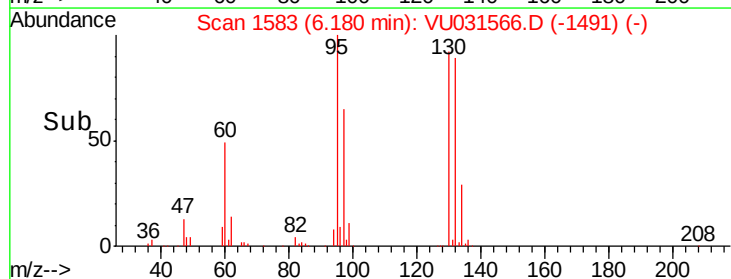
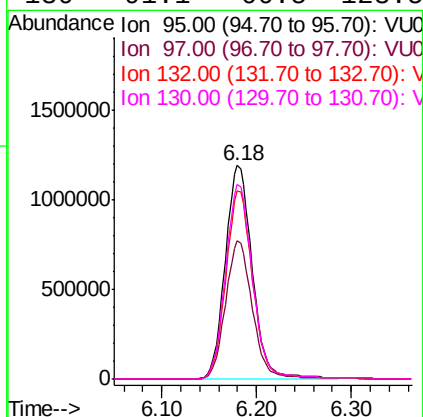
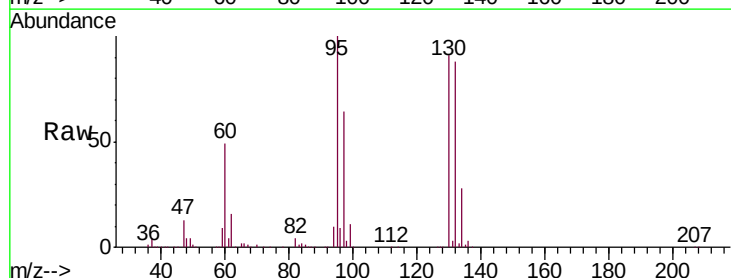
Instrument :
 MSVOA_U
 ClientSampleId :
 C0X86

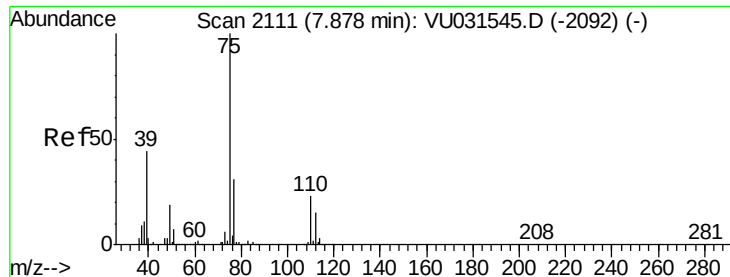
Tgt Ion: 96 Resp: 6483
 Ion Ratio Lower Upper
 96 100
 61 172.5 99.5 184.7
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 350.494 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU031566.D
 Acq: 27 Apr 2019 05:19

Tgt Ion: 95 Resp: 2365255
 Ion Ratio Lower Upper
 95 100
 97 64.5 44.8 83.2
 132 88.1 63.1 117.1
 130 91.1 66.5 123.5





#44

trans-1,3-Dichloropropene

Concen: 0.778 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU031566.D

Acq: 27 Apr 2019 05:19

Instrument :

MSVOA_U

ClientSampleId :

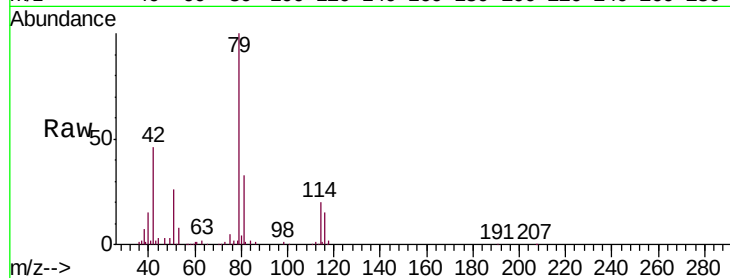
C0X86

Tgt Ion: 75 Resp: 7373

Ion Ratio Lower Upper

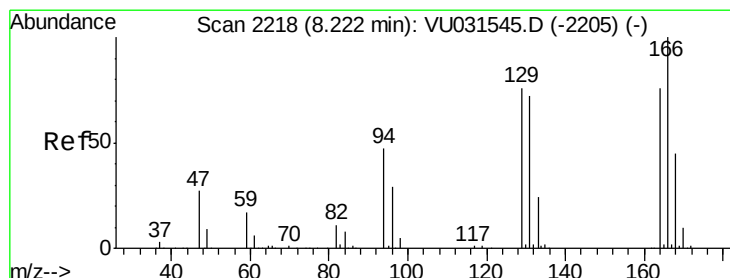
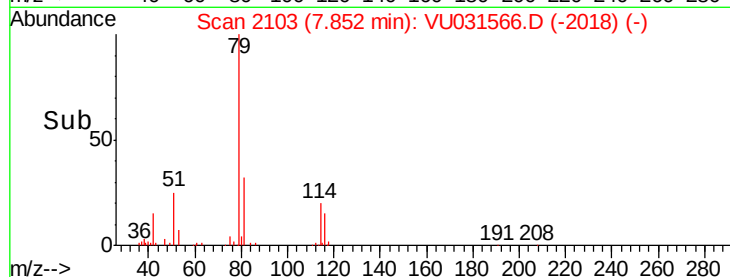
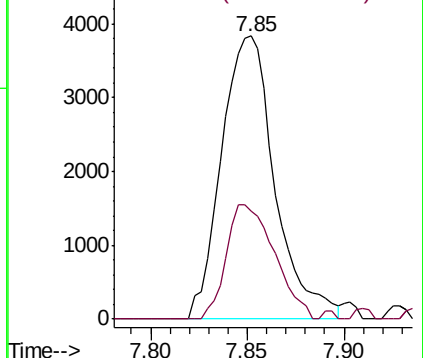
75 100

77 38.1 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU031545.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU031545.D (-2092) (-)



#46

Tetrachloroethene

Concen: 7.237 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031566.D

Acq: 27 Apr 2019 05:19

Tgt Ion: 164 Resp: 33293

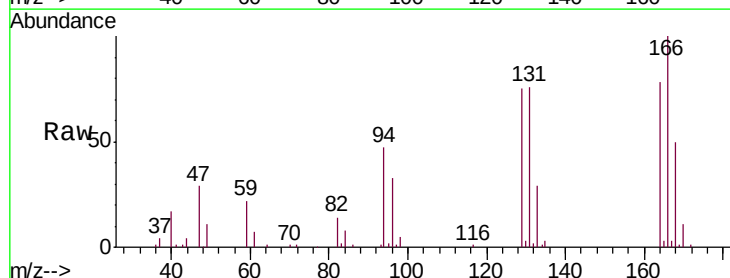
Ion Ratio Lower Upper

164 100

129 95.1 71.5 132.9

131 97.0 69.0 128.2

166 127.6 93.7 173.9

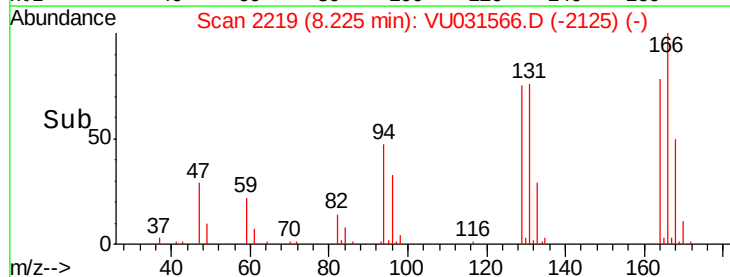
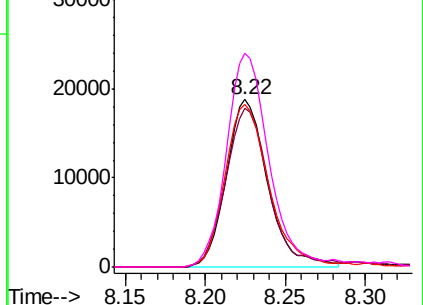


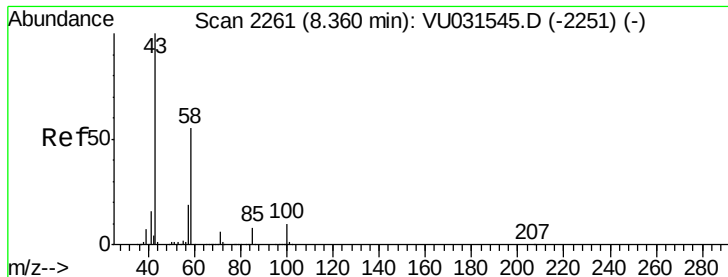
Abundance Ion 164.00 (163.70 to 164.70): VU031545.D (-2205) (-)

Ion 129.00 (128.70 to 129.70): VU031545.D (-2205) (-)

Ion 131.00 (130.70 to 131.70): VU031545.D (-2205) (-)

Ion 166.00 (165.70 to 166.70): VU031545.D (-2205) (-)

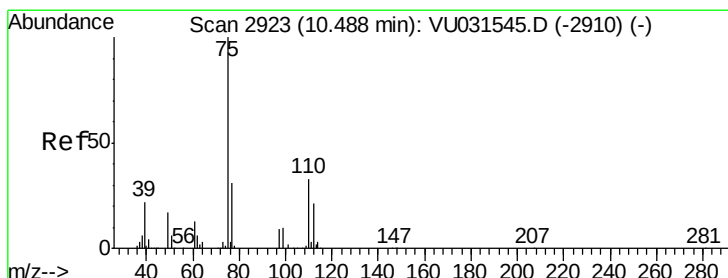
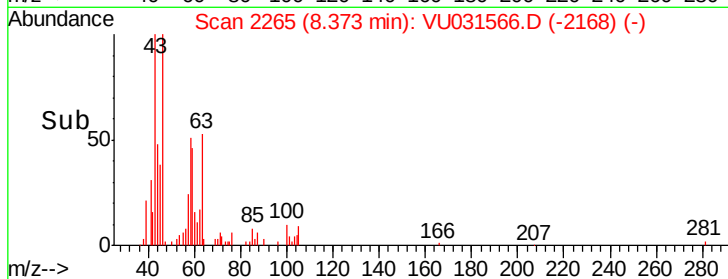
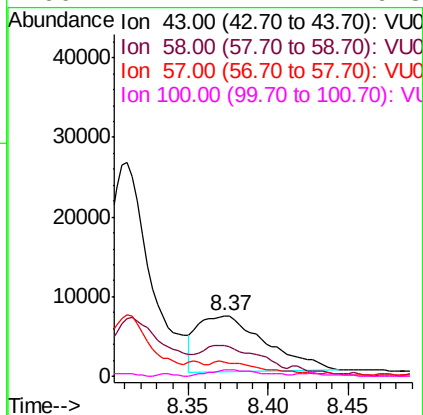
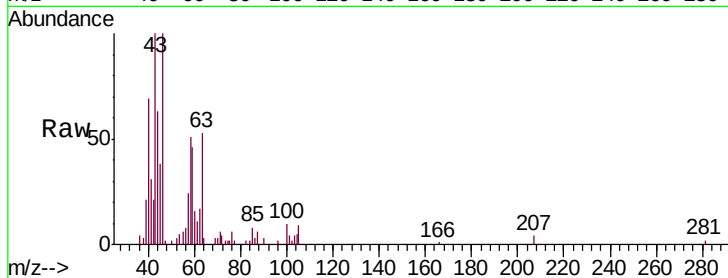




#48
2-Hexanone
Concen: 2.099 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.01 min
Lab File: VU031566.D
Acq: 27 Apr 2019 05:19

Instrument :
MSVOA_U
ClientSampleId :
C0X86

Tgt Ion:	43	Resp:	20647
Ion	Ratio	Lower	Upper
43	100		
58	37.9	42.1	63.1#
57	1.5	14.6	22.0#
100	7.2	7.2	10.8#



#59
1,2,3-Trichloropropane
Concen: 4.058 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031566.D
Acq: 27 Apr 2019 05:19

Tgt Ion:	75	Resp:	38025
Ion	Ratio	Lower	Upper
75	100		
77	35.0	25.9	38.9

