

Data File : VU031542.D
Acq On : 26 Apr 2019 19:13
Operator : JC/SP
Sample : K2590-13 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XB9

Quant Time: Apr 27 00:25:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 00:11:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	860378	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	805552	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	322867	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	389473	54.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.18%
7) Chloroethane-d5	1.68	69	292775	52.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.22%
11) 1,1-Dichloroethene-d2	2.37	63	302	0.02	ug/L	0.10
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.04%#
21) 2-Butanone-d5	4.18	46	668199	102.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.42%
24) Chloroform-d	4.64	84	613976	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.12%
26) 1,2-Dichloroethane-d4	5.31	65	403764	46.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.72%
32) Benzene-d6	5.34	84	1304171	52.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.44%
36) 1,2-Dichloropropane-d6	6.33	67	447456	51.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.84%
41) Toluene-d8	7.56	98	1106593	51.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.72%
43) trans-1,3-Dichloropropene-	7.85	79	180944	48.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.88%
47) 2-Hexanone-d5	8.31	63	437917	116.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	566403	48.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	369462	54.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.82%

Target Compounds

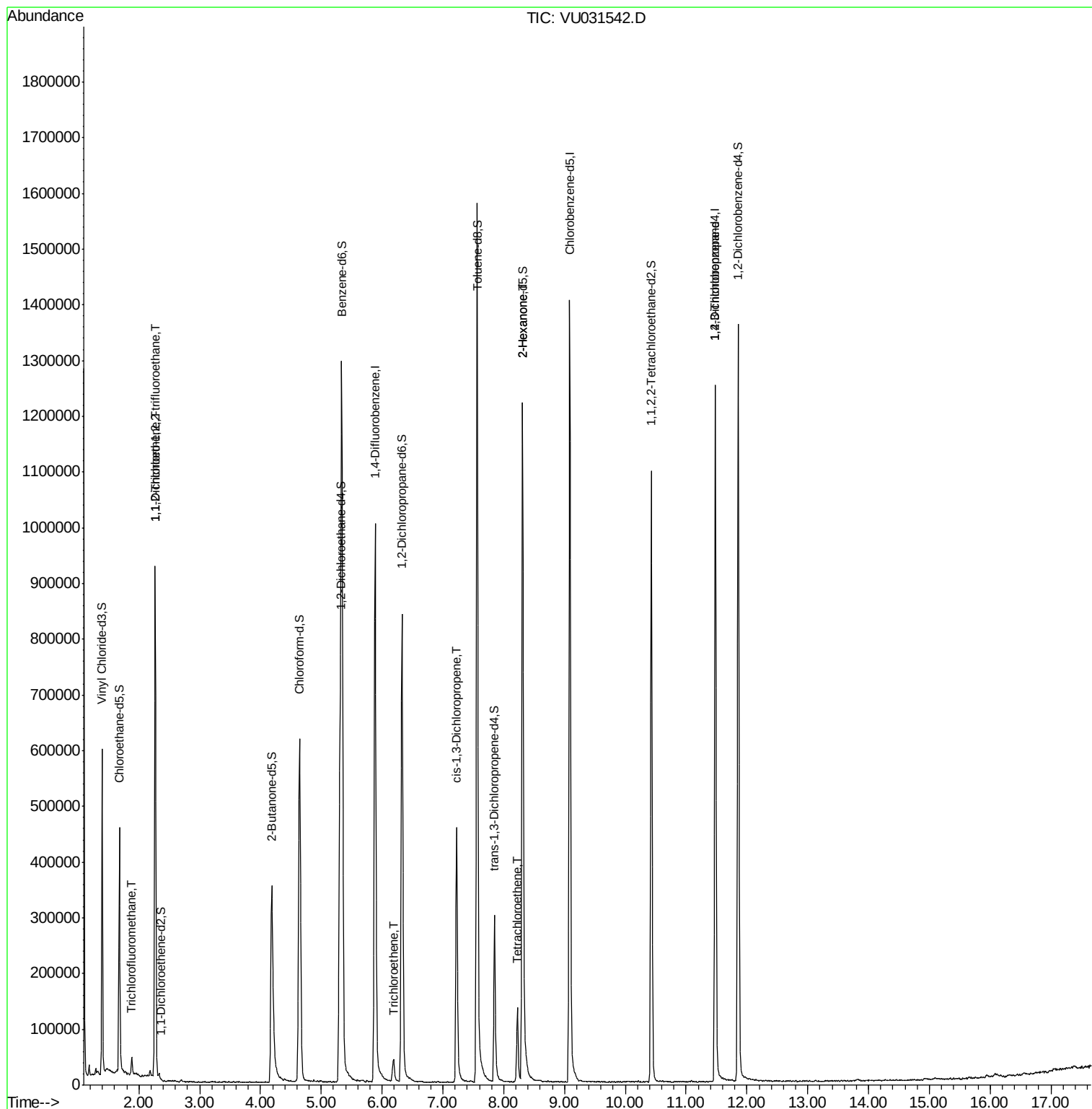
						Qvalue
9) Trichlorofluoromethane	1.88	101	11659	0.956	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4921	0.714	ug/L #	24
12) 1,1-Dichloroethene	2.27	96	4068	0.606	ug/L #	1
34) Trichloroethene	6.19	95	13694	1.907	ug/L	95
39) cis-1,3-Dichloropropene	7.22	75	9701	0.873	ug/L #	66
46) Tetrachloroethene	8.22	164	33438	6.832	ug/L	91
48) 2-Hexanone	8.31	43	50045	4.783	ug/L #	75
59) 1,2,3-Trichloropropane	11.48	75	40155	4.028	ug/L	93

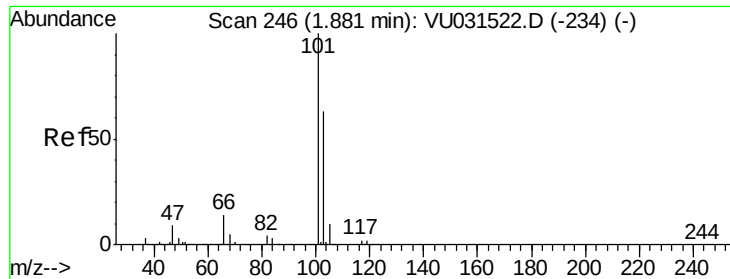
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU031542.D
Acq On : 26 Apr 2019 19:13
Operator : JC/SP
Sample : K2590-13 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XB9

Quant Time: Apr 27 00:25:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 00:11:31 2019
Response via : Initial Calibration



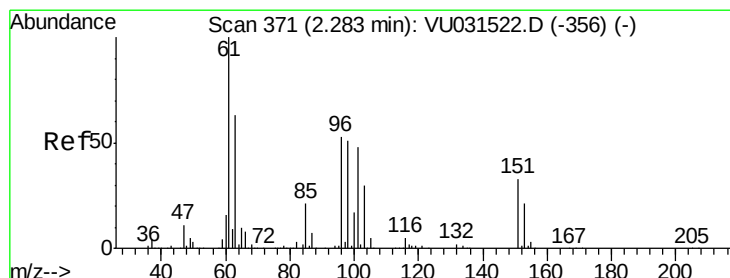
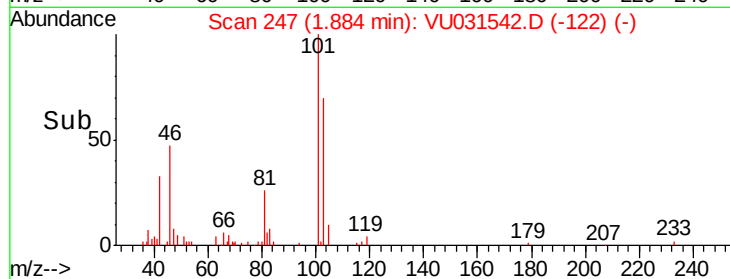
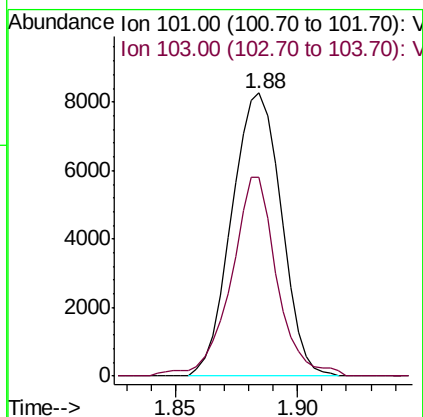
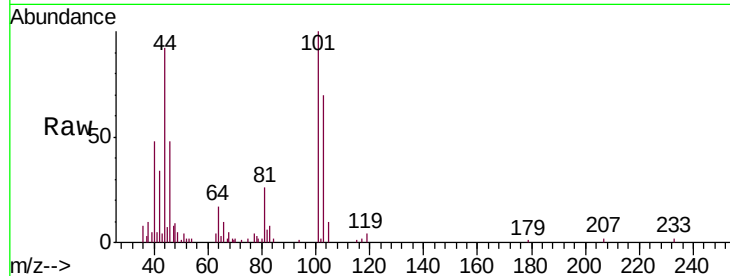


#9

Trichlorofluoromethane
 Concen: 0.956 ug/L
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VU031542.D
 Acq: 26 Apr 2019 19:13

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XB9

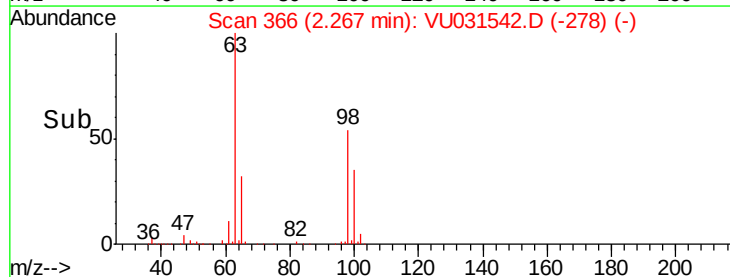
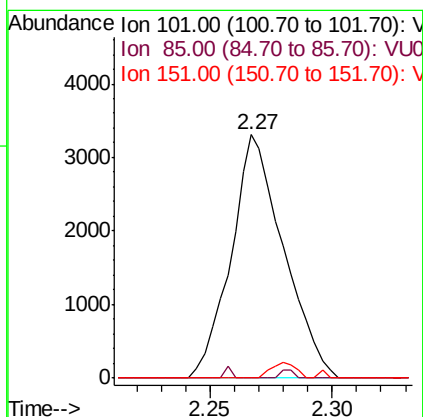
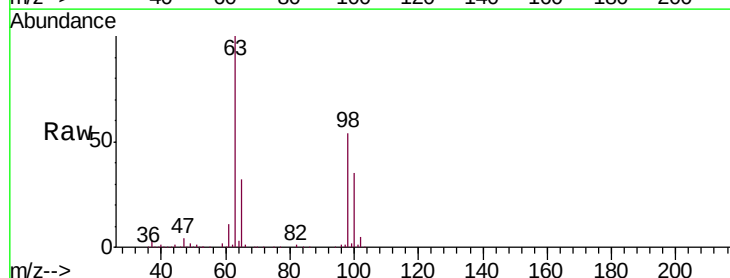
Tgt Ion:101 Resp: 11659
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.8 76.2

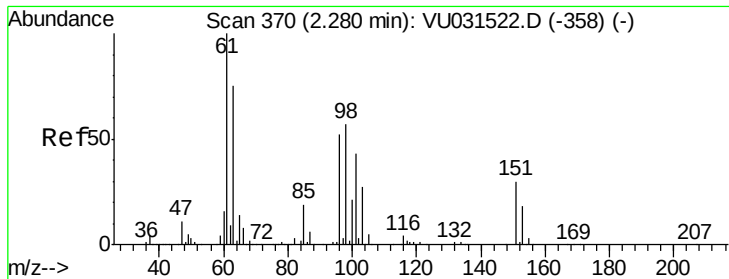


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.714 ug/L
 RT: 2.27 min Scan# 366
 Delta R.T. -0.02 min
 Lab File: VU031542.D
 Acq: 26 Apr 2019 19:13

Tgt Ion:101 Resp: 4921
 Ion Ratio Lower Upper
 101 100
 85 0.9 36.1 54.1#
 151 3.0 56.1 84.1#

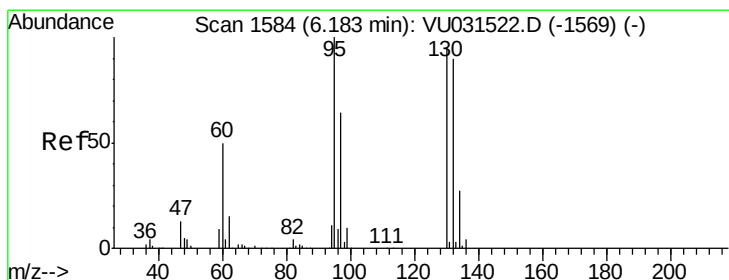
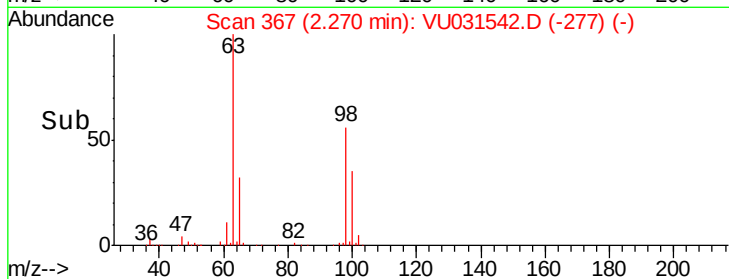
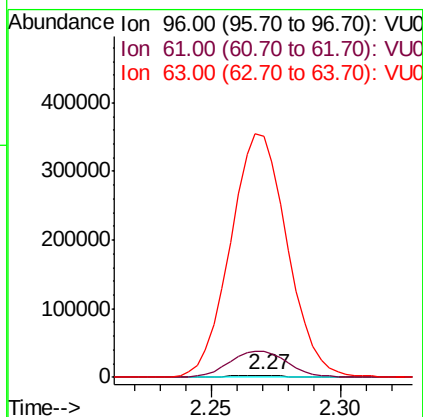
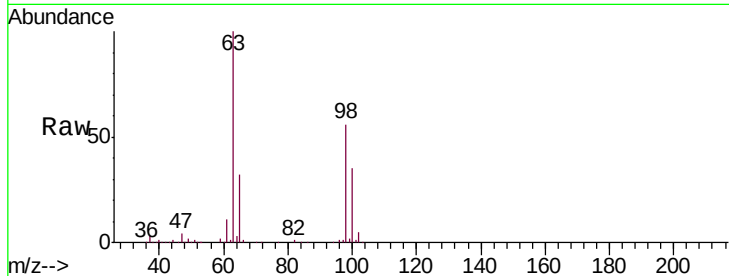




#12
 1,1-Dichloroethene
 Concen: 0.606 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VU031542.D
 Acq: 26 Apr 2019 19:13

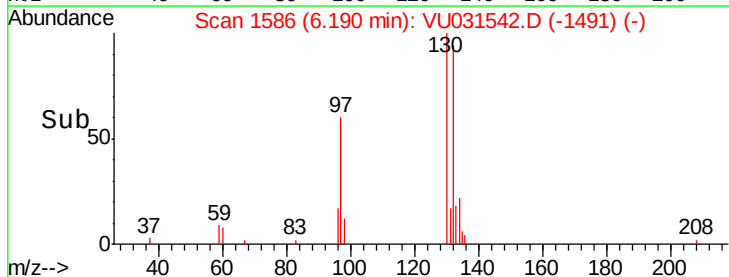
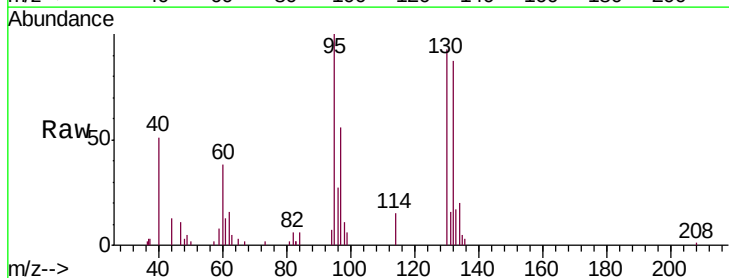
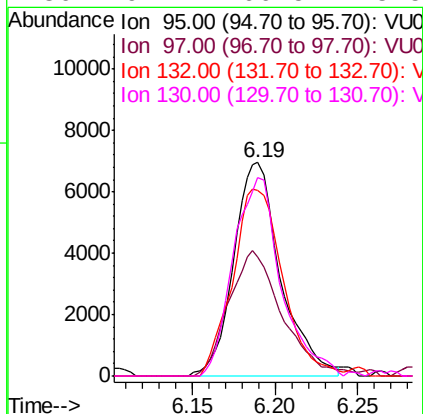
Instrument :
 MSVOA_U
 ClientSampleID :
 C0XB9

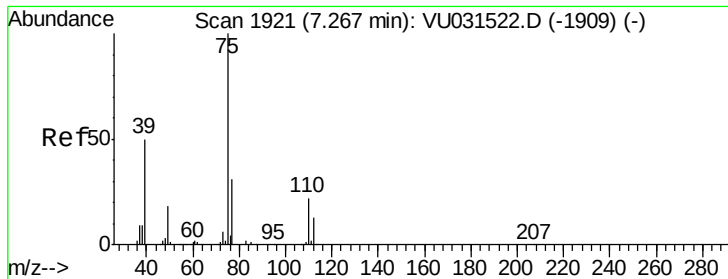
Tgt Ion: 96 Resp: 4068
 Ion Ratio Lower Upper
 96 100
 61 1434.5 135.0 250.6#
 63 13202.0 103.5 192.3#



#34
 Trichloroethene
 Concen: 1.907 ug/L
 RT: 6.19 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VU031542.D
 Acq: 26 Apr 2019 19:13

Tgt Ion: 95 Resp: 13694
 Ion Ratio Lower Upper
 95 100
 97 56.0 44.8 83.2
 132 86.7 63.1 117.1
 130 92.7 66.5 123.5



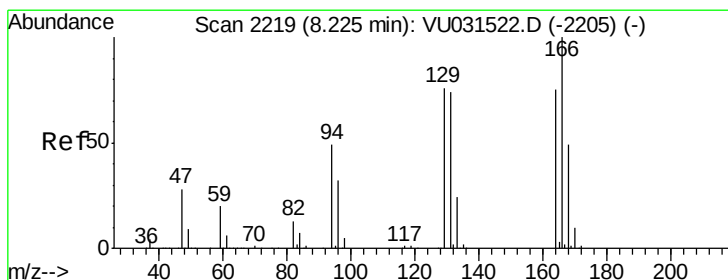
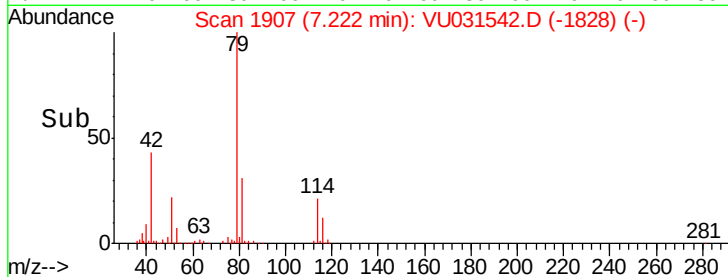
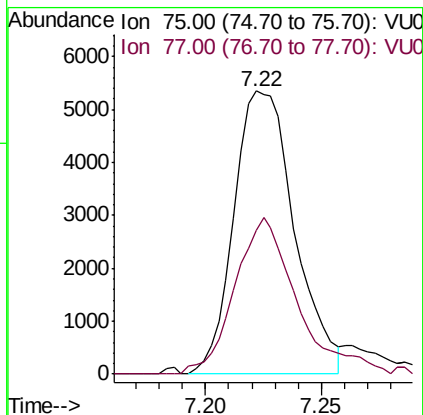
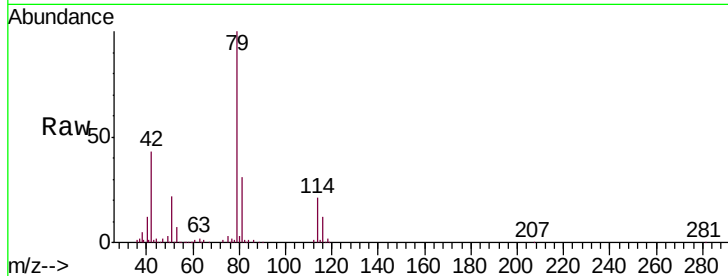


#39

cis-1,3-Dichloropropene
 Concen: 0.873 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU031542.D
 Acq: 26 Apr 2019 19:13

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XB9

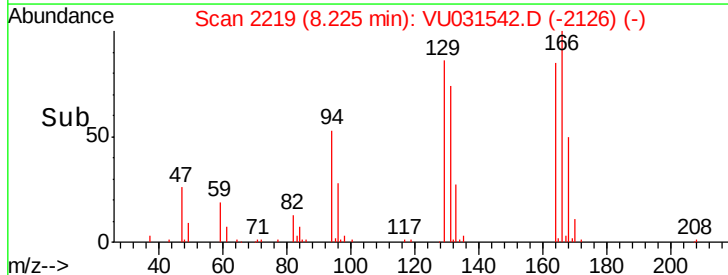
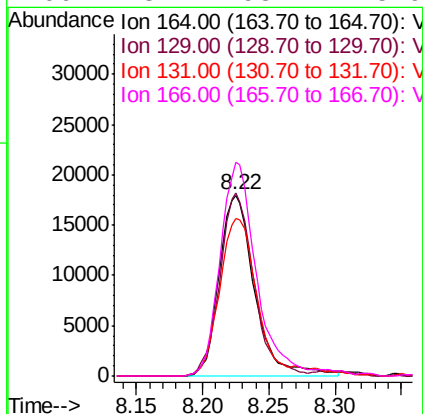
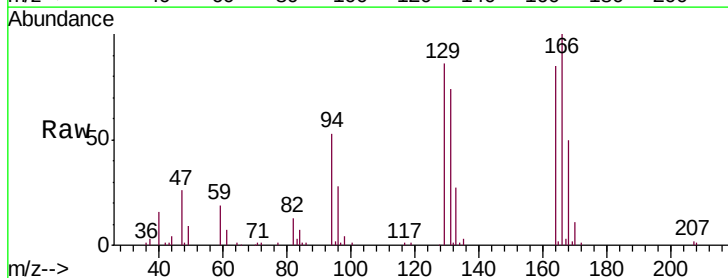
Tgt Ion: 75 Resp: 9701
 Ion Ratio Lower Upper
 75 100
 77 50.7 22.1 41.1#

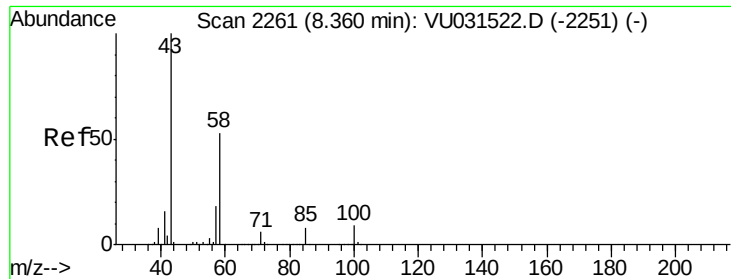


#46

Tetrachloroethene
 Concen: 6.832 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU031542.D
 Acq: 26 Apr 2019 19:13

Tgt Ion: 164 Resp: 33438
 Ion Ratio Lower Upper
 164 100
 129 101.6 71.5 132.9
 131 87.3 69.0 128.2
 166 118.2 93.7 173.9

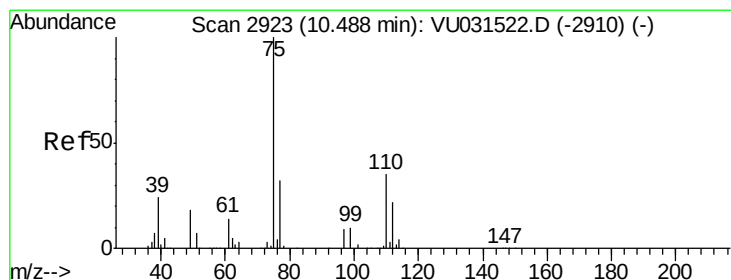
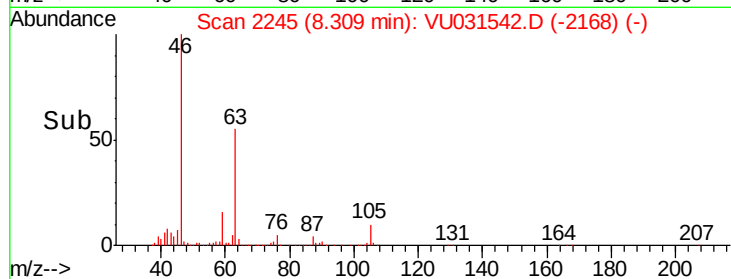
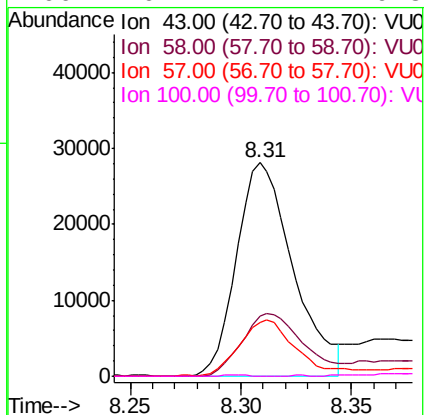
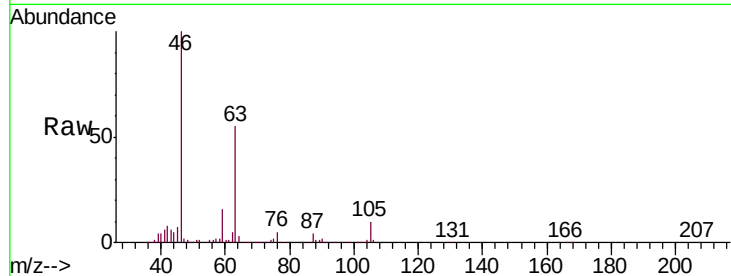




#48
 2-Hexanone
 Concen: 4.783 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
 Lab File: VU031542.D
 Acq: 26 Apr 2019 19:13

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XB9

Tgt Ion: 43 Resp: 50045
 Ion Ratio Lower Upper
 43 100
 58 32.2 42.1 63.1#
 57 25.2 14.6 22.0#
 100 0.1 7.2 10.8#



#59
 1,2,3-Trichloropropane
 Concen: 4.028 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031542.D
 Acq: 26 Apr 2019 19:13

Tgt Ion: 75 Resp: 40155
 Ion Ratio Lower Upper
 75 100
 77 36.2 25.9 38.9

