

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052819\
 Data File : VU032334.D
 Acq On : 28 May 2019 17:23
 Operator : JC/SP
 Sample : K3018-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XJ5

Quant Time: May 29 05:31:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 29 05:27:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	725524	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	725330	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	296923	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	235814	44.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.20%
7) Chloroethane-d5	1.67	69	208304	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.46%
11) 1,1-Dichloroethene-d2	2.27	63	342416	36.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.08%
21) 2-Butanone-d5	4.17	46	379320	107.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.78%
24) Chloroform-d	4.64	84	471870	50.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.84%
26) 1,2-Dichloroethane-d4	5.30	65	293495	52.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.98%
32) Benzene-d6	5.34	84	985170	51.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.56%
36) 1,2-Dichloropropane-d6	6.32	67	307056	52.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.00%
41) Toluene-d8	7.56	98	865709	48.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.54%
43) trans-1,3-Dichloropropene-	7.85	79	124776	46.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.28%
47) 2-Hexanone-d5	8.31	63	233843	94.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	453287	50.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.46%
64) 1,2-Dichlorobenzene-d4	11.85	152	329702	54.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.90%

Target Compounds

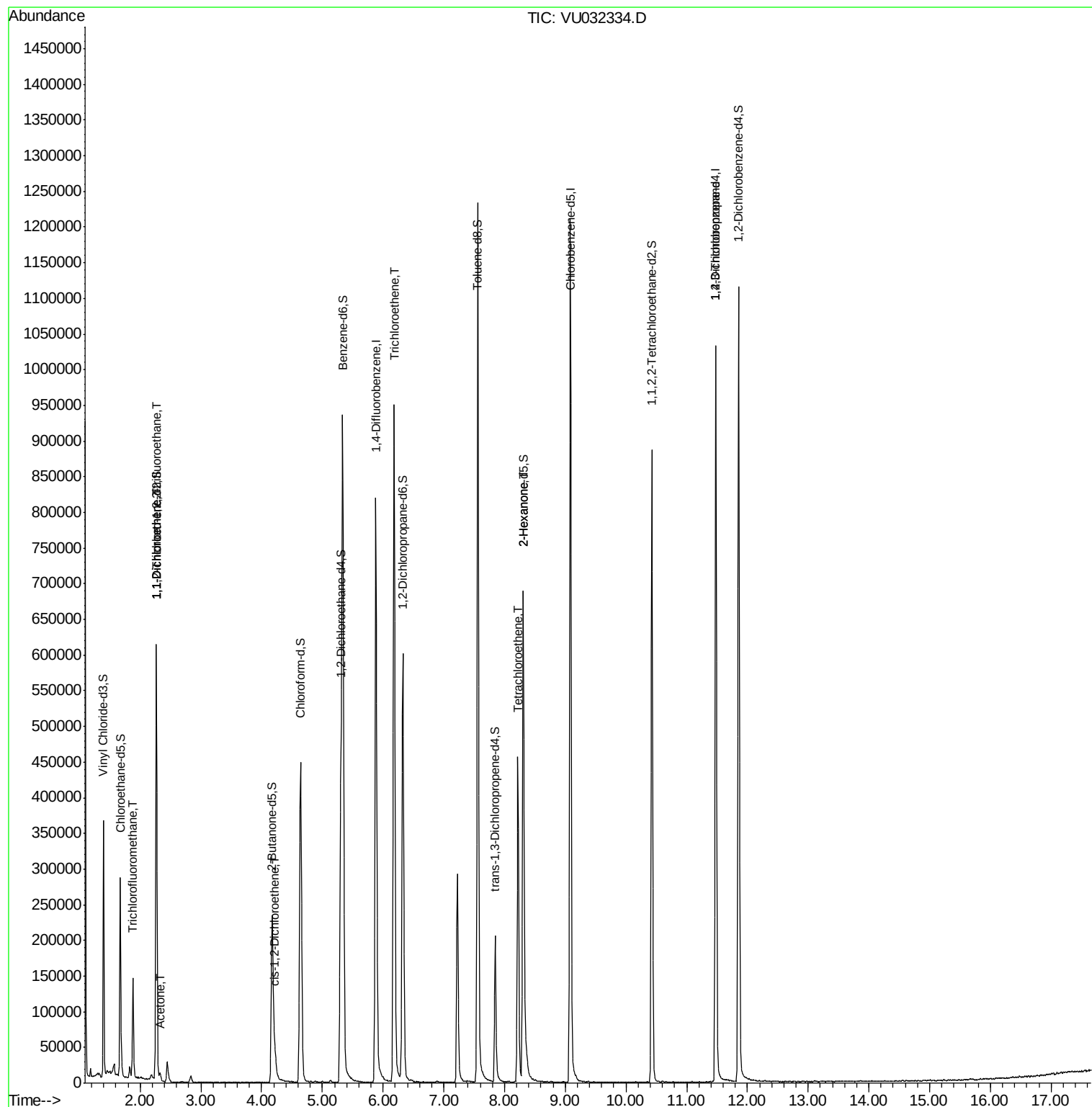
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Trichlorofluoromethane	1.88	101	86603	11.350	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3201	0.695	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	2881	0.613	ug/L #	1
13) Acetone	2.32	43	6282	1.894	ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	5436	1.002	ug/L	97
34) Trichloroethene	6.18	95	347995	66.358	ug/L	97
46) Tetrachloroethene	8.22	164	115487	27.107	ug/L	98
48) 2-Hexanone	8.31	43	28143	4.989	ug/L #	79
59) 1,2,3-Trichloropropane	11.48	75	31035	4.413	ug/L	90

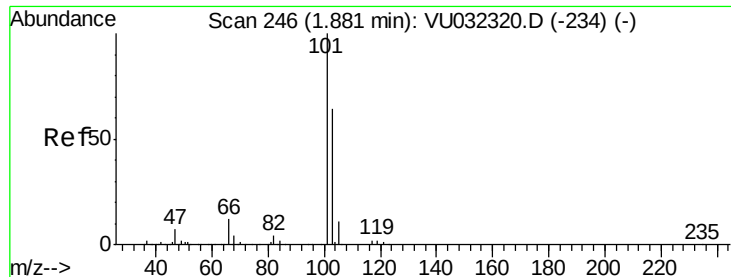
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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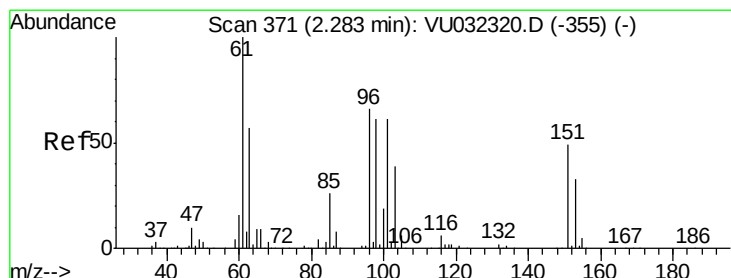
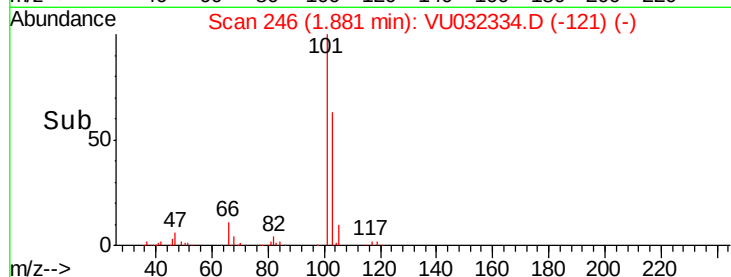
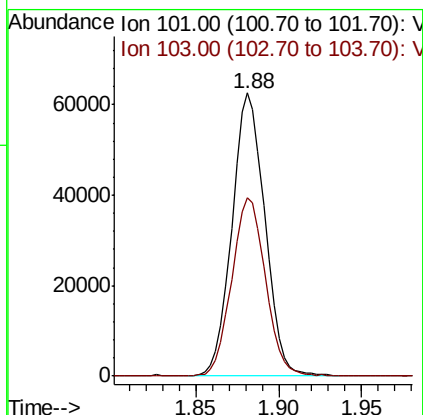
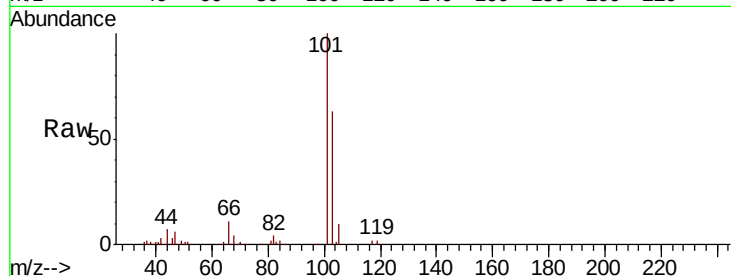


#9

Trichlorofluoromethane
 Concen: 11.350 ug/L
 RT: 1.88 min Scan# 246
 Delta R.T. 0.00 min
 Lab File: VU032334.D
 Acq: 28 May 2019 17:23

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XJ5

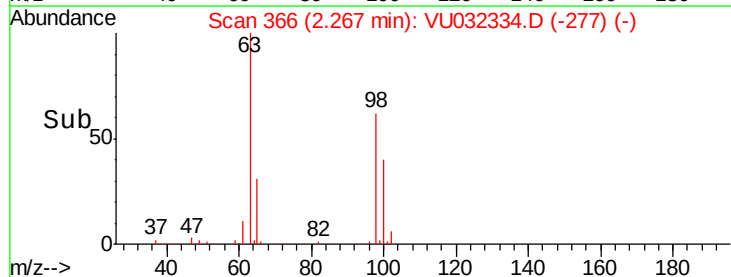
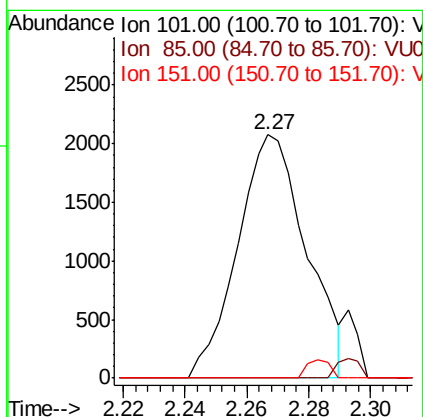
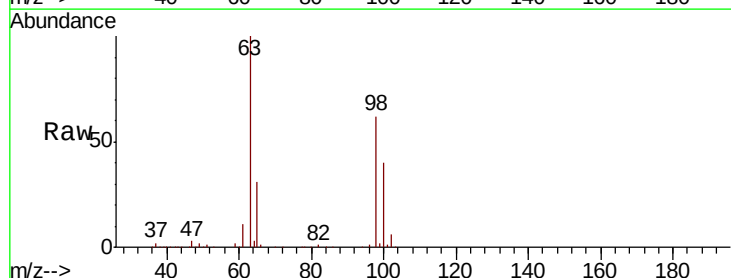
Tgt Ion:101 Resp: 86603
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.7 77.5

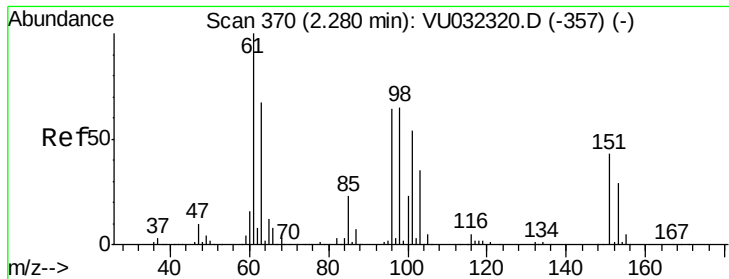


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.695 ug/L
 RT: 2.27 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: VU032334.D
 Acq: 28 May 2019 17:23

Tgt Ion:101 Resp: 3201
 Ion Ratio Lower Upper
 101 100
 85 2.7 33.4 50.0#
 151 2.5 63.7 95.5#

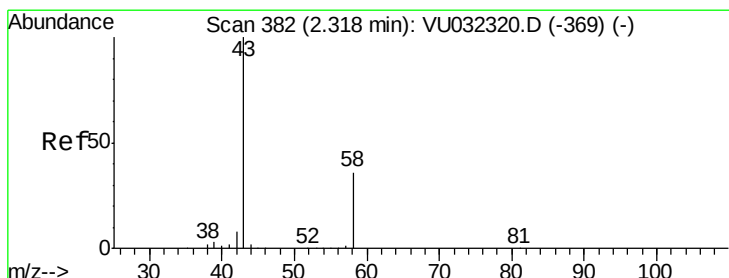
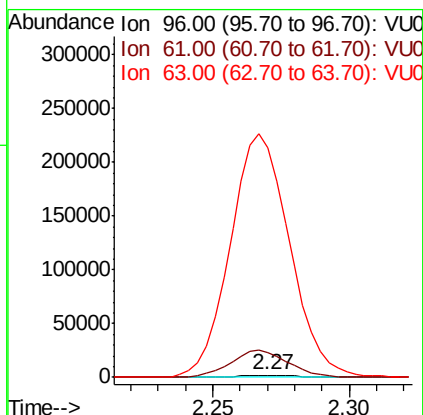
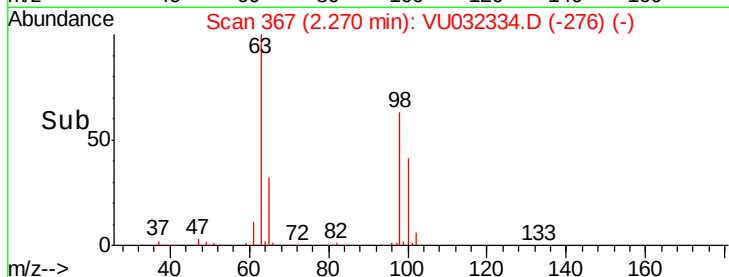
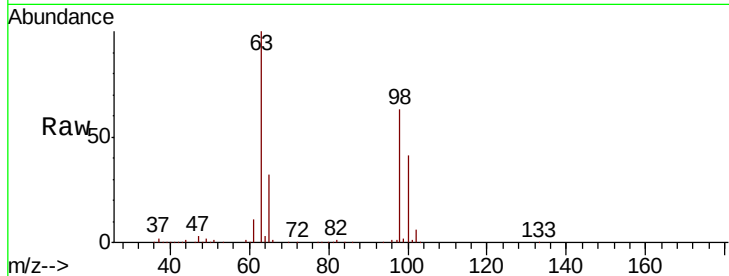




#12
 1,1-Dichloroethene
 Concen: 0.613 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VU032334.D
 Acq: 28 May 2019 17:23

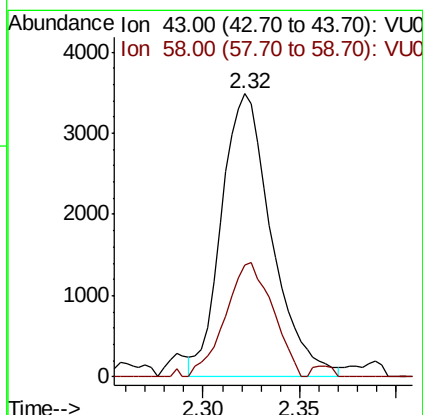
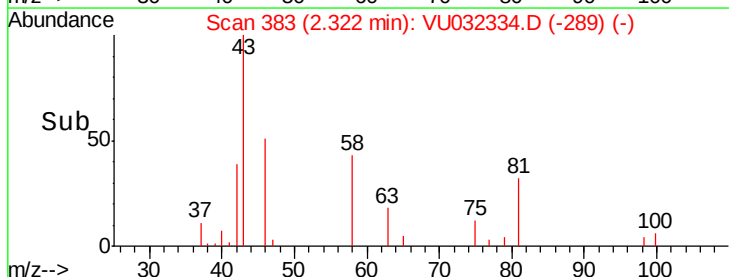
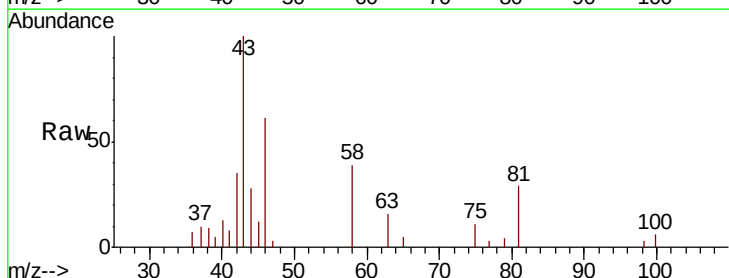
Instrument :
 MSVOA_U
 ClientSampleId :
 C0XJ5

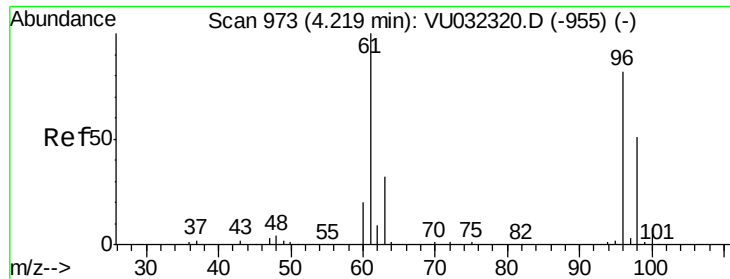
Tgt Ion: 96 Resp: 2881
 Ion Ratio Lower Upper
 96 100
 61 1196.7 109.8 203.8#
 63 10861.1 74.4 138.2#



#13
 Acetone
 Concen: 1.894 ug/L
 RT: 2.32 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VU032334.D
 Acq: 28 May 2019 17:23

Tgt Ion: 43 Resp: 6282
 Ion Ratio Lower Upper
 43 100
 58 37.9 0.0 73.6



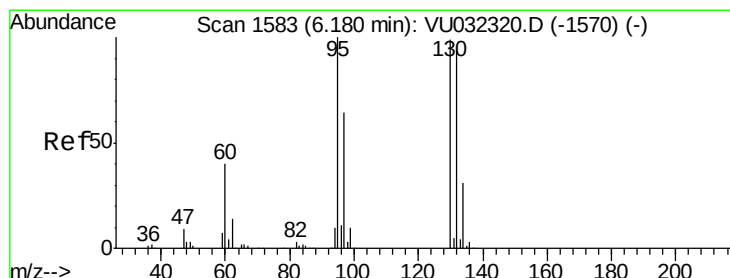
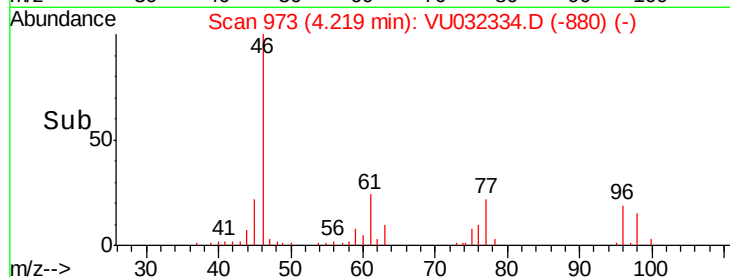
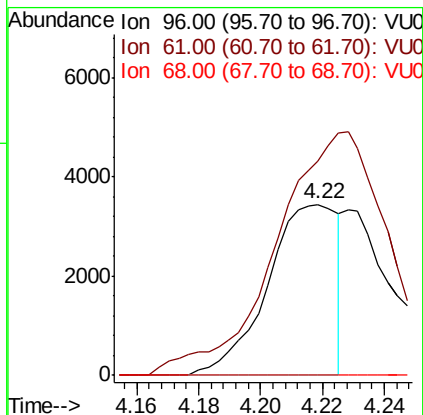
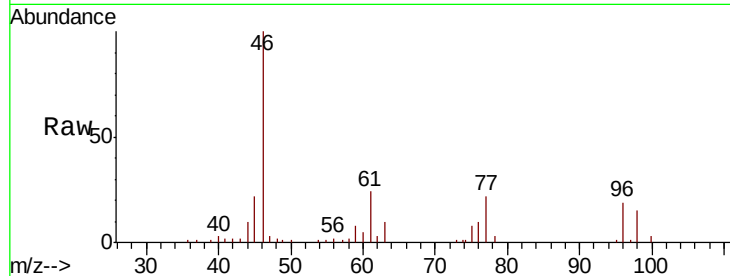


#20

cis-1,2-Dichloroethene
 Concen: 1.002 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VU032334.D
 Acq: 28 May 2019 17:23

Instrument :
 MSVOA_U
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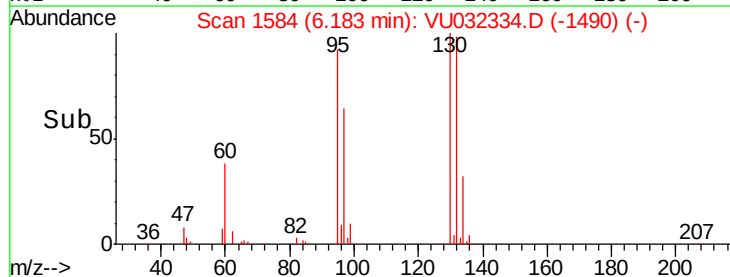
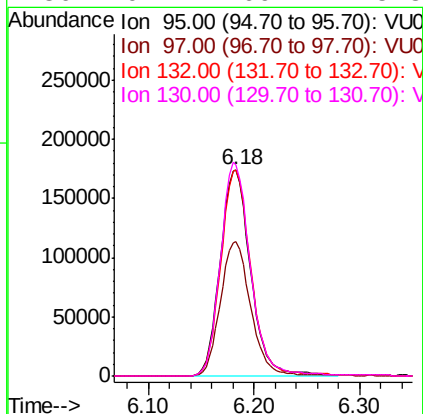
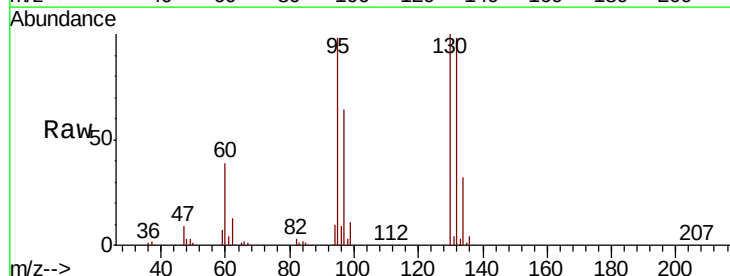
Tgt Ion: 96 Resp: 5436
 Ion Ratio Lower Upper
 96 100
 61 125.4 85.6 159.0
 68 0.0 0.0 0.0

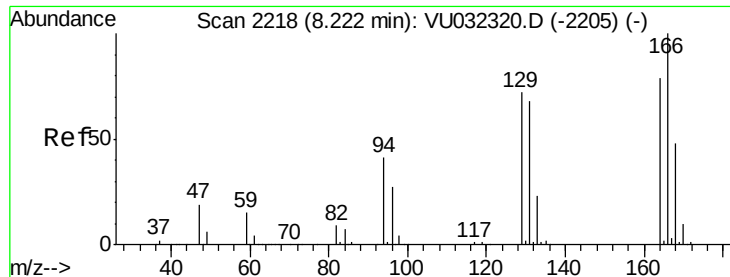


#34

Trichloroethene
 Concen: 66.358 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU032334.D
 Acq: 28 May 2019 17:23

Tgt Ion: 95 Resp: 347995
 Ion Ratio Lower Upper
 95 100
 97 64.9 44.8 83.2
 132 99.9 66.2 123.0
 130 102.2 69.4 128.8

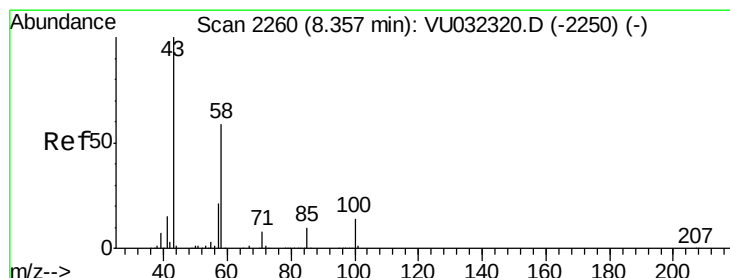
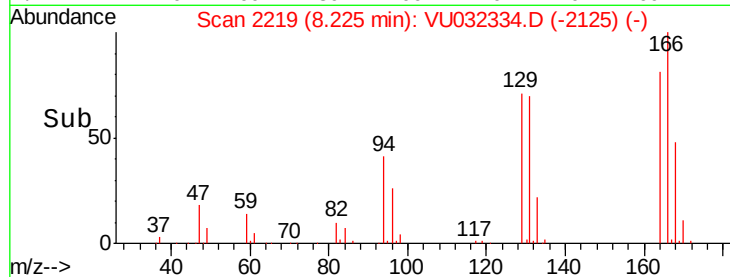
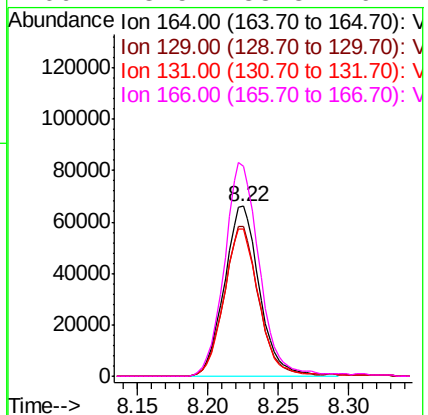
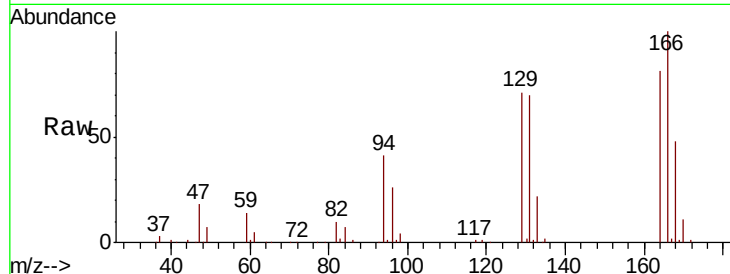




#46
Tetrachloroethene
Concen: 27.107 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU032334.D
Acq: 28 May 2019 17:23

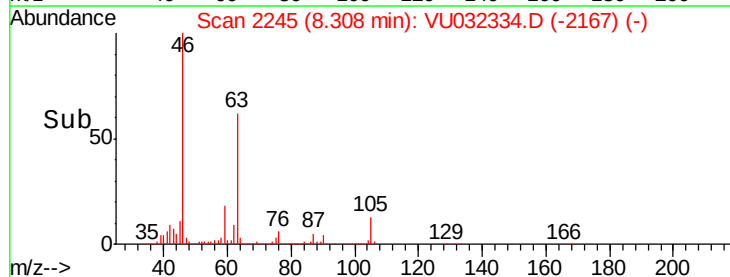
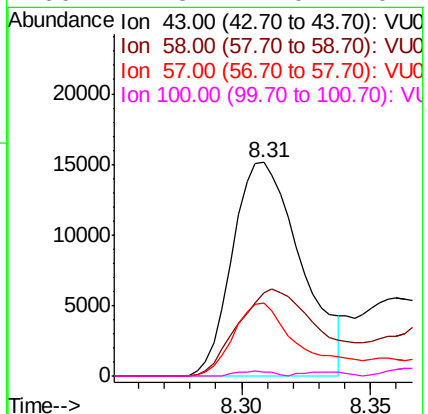
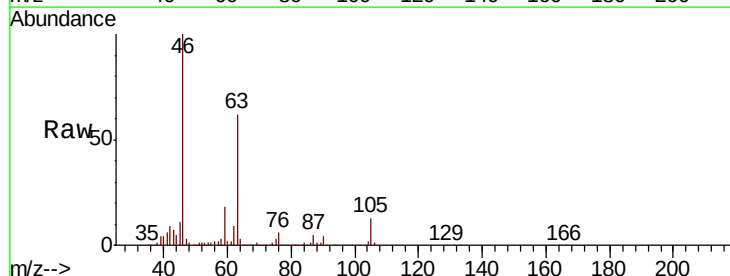
Instrument :
MSVOA_U
ClientSampleId :
C0XJ5

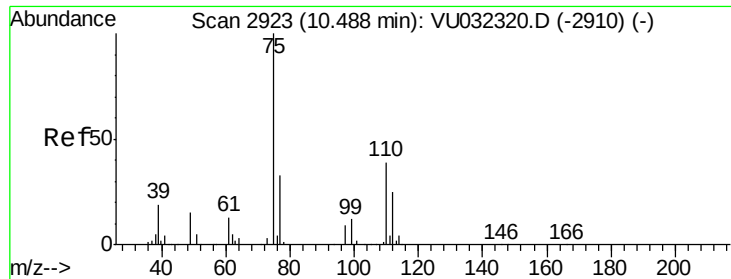
Tgt Ion	Ratio	Lower	Upper
164	100		
129	88.3	63.9	118.7
131	86.3	60.4	112.2
166	123.5	88.3	164.1



#48
2-Hexanone
Concen: 4.989 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU032334.D
Acq: 28 May 2019 17:23

Tgt Ion	Ratio	Lower	Upper
43	100		
58	47.8	48.6	73.0#
57	33.1	17.0	25.4#
100	1.3	11.0	16.4#





#59

1,2,3-Trichloropropane

Concen: 4.413 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032334.D

Acq: 28 May 2019 17:23

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion: 75 Resp: 31035

Ion Ratio Lower Upper

75 100

77 38.0 25.8 38.8

