

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042919\
 Data File : VU031597.D
 Acq On : 29 Apr 2019 19:24
 Operator : JC/SP
 Sample : K2536-21
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X09

Quant Time: Apr 30 02:00:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 01:54:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	650503	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	638275	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	242398	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	291876	53.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.22%
7) Chloroethane-d5	1.68	69	239364	56.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.78%
11) 1,1-Dichloroethene-d2	2.27	63	447936	41.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.64%
21) 2-Butanone-d5	4.19	46	606957	123.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.05%
24) Chloroform-d	4.64	84	538412	54.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.00%
26) 1,2-Dichloroethane-d4	5.31	65	373376	57.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.64%
32) Benzene-d6	5.34	84	1049912	53.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.14%
36) 1,2-Dichloropropane-d6	6.33	67	378215	54.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.70%
41) Toluene-d8	7.56	98	854804	50.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.14%
43) trans-1,3-Dichloropropene-	7.85	79	145935	49.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.60%
47) 2-Hexanone-d5	8.31	63	332686	111.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.47%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	476678	51.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.02%
64) 1,2-Dichlorobenzene-d4	11.85	152	275916	54.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.26%

Target Compounds

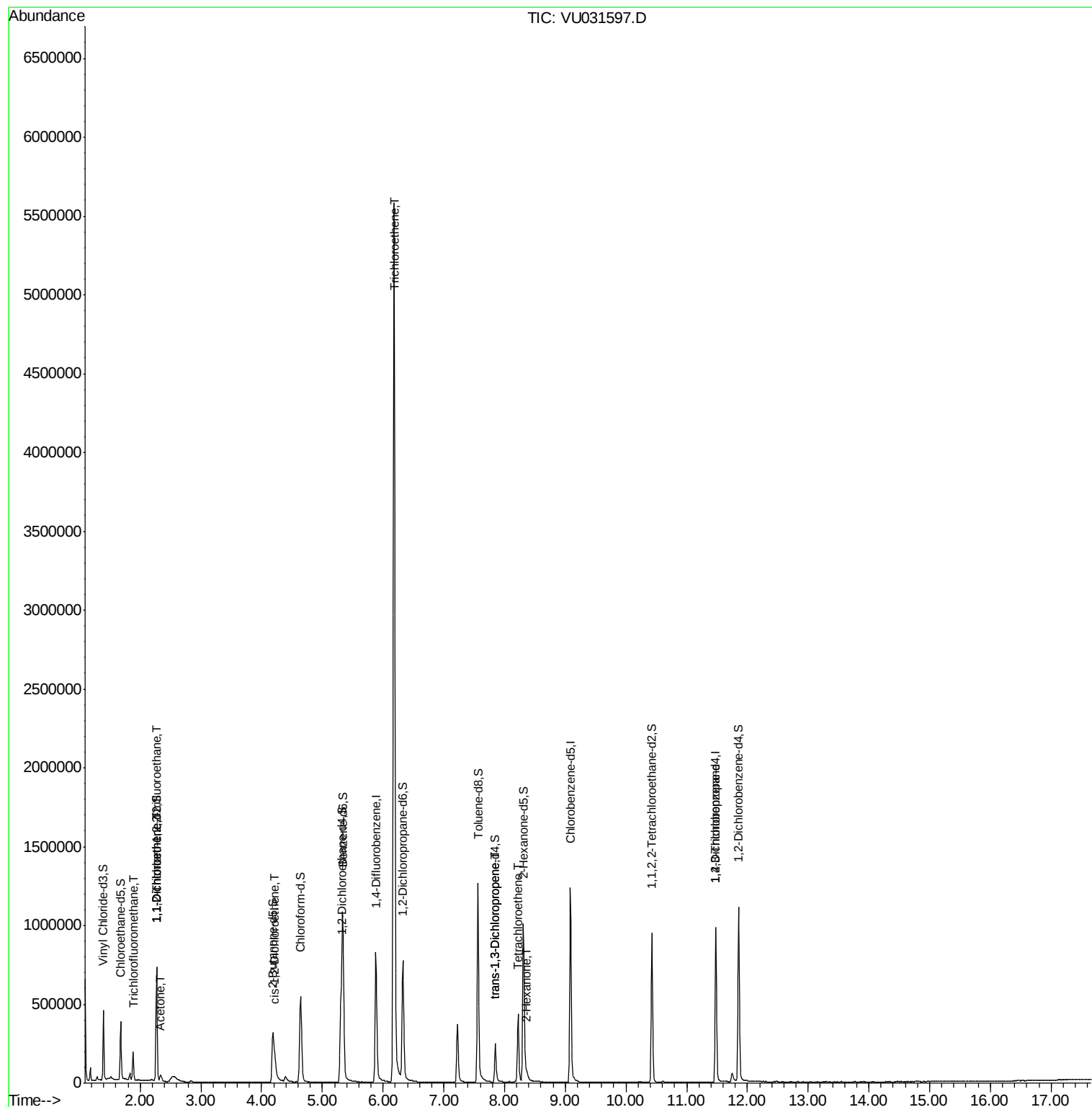
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Trichlorofluoromethane	1.88	101	101080	10.958	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3872	0.743	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	5420	1.068	ug/L #	1
13) Acetone	2.34	43	59295	10.672	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	28137	4.960	ug/L	98
34) Trichloroethene	6.18	95	2057295	361.663	ug/L	95
44) trans-1,3-Dichloropropene	7.85	75	6409	0.803	ug/L	93
46) Tetrachloroethene	8.22	164	95160	24.538	ug/L	95
48) 2-Hexanone	8.36	43	18823	2.271	ug/L #	87
59) 1,2,3-Trichloropropane	11.48	75	34742	4.398	ug/L	91

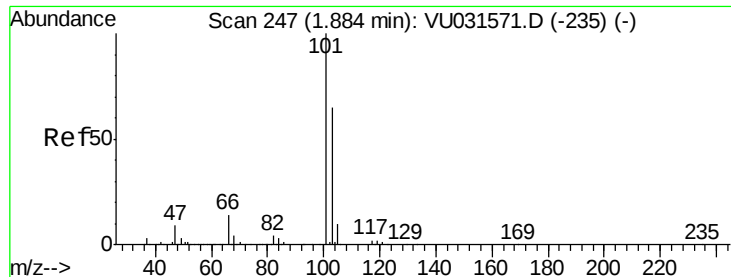
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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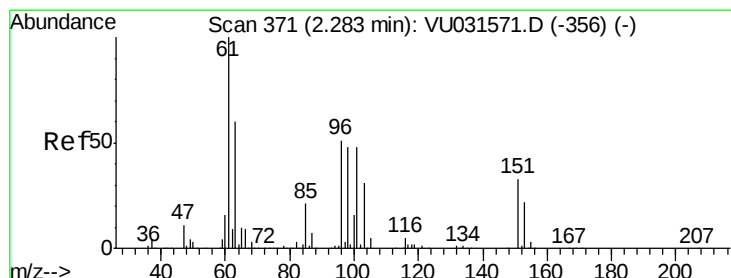
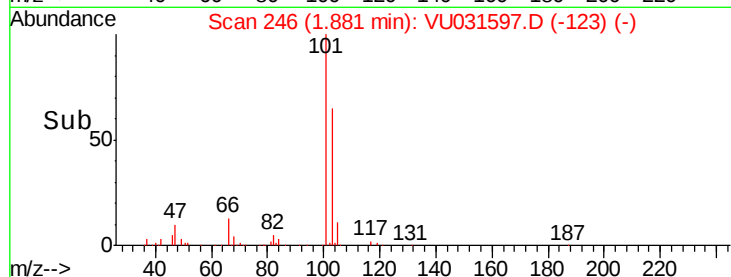
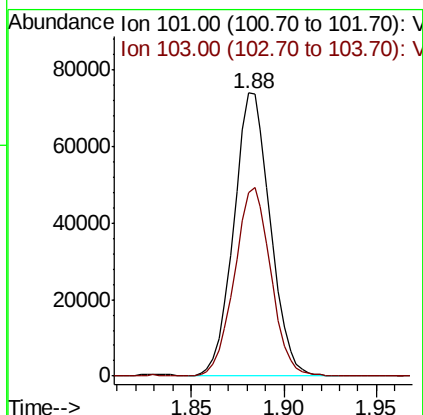
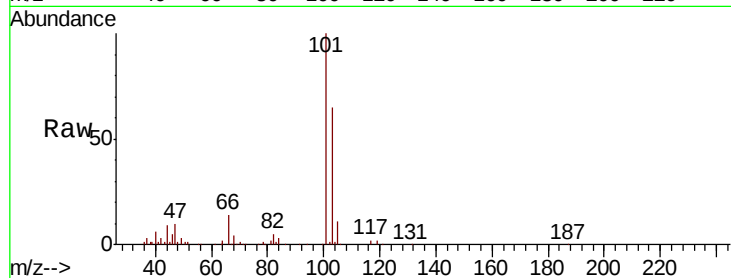


#9

Trichlorofluoromethane
 Concen: 10.958 ug/L
 RT: 1.88 min Scan# 246
 Delta R.T. -0.00 min
 Lab File: VU031597.D
 Acq: 29 Apr 2019 19:24

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X09

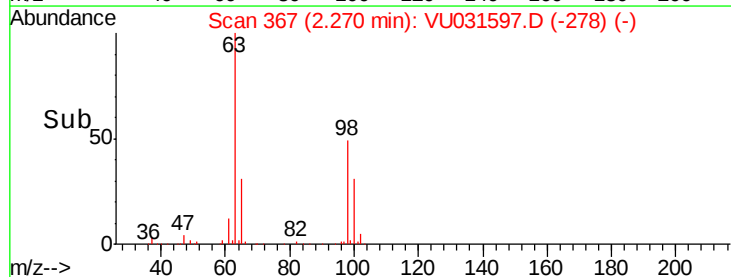
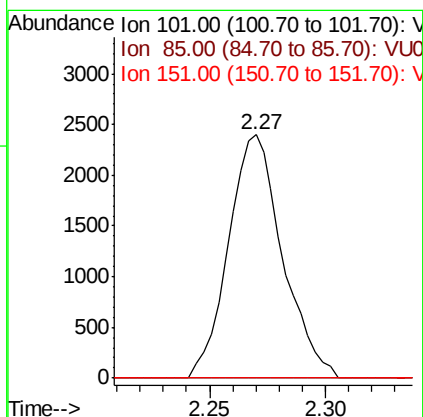
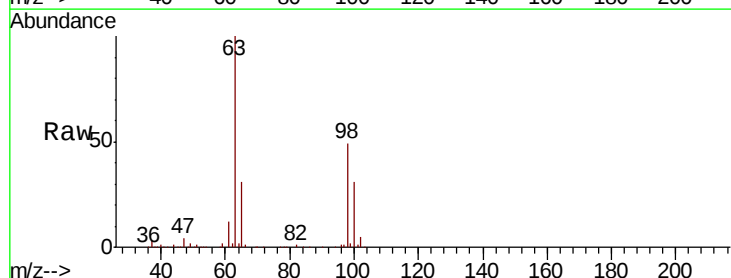
Tgt Ion:101 Resp: 101080
 Ion Ratio Lower Upper
 101 100
 103 66.6 50.8 76.2

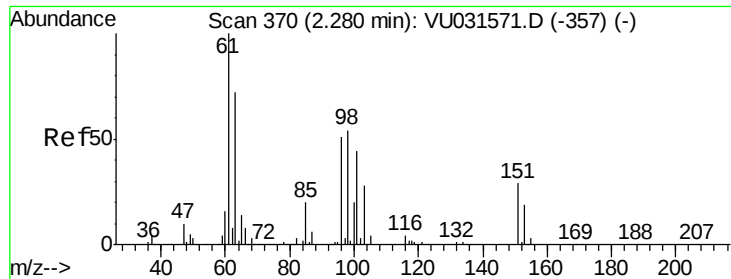


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.743 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VU031597.D
 Acq: 29 Apr 2019 19:24

Tgt Ion:101 Resp: 3872
 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: 1.068 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU031597.D

Acq: 29 Apr 2019 19:24

Instrument :

MSVOA_U

ClientSampleId :

C0X09

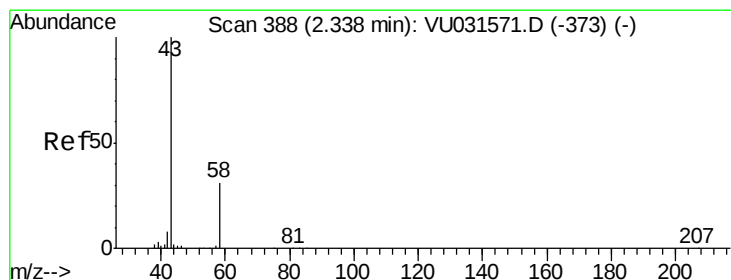
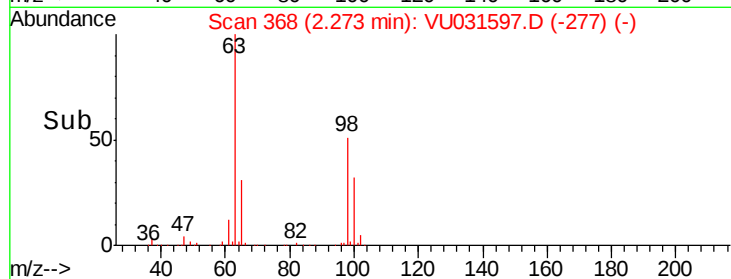
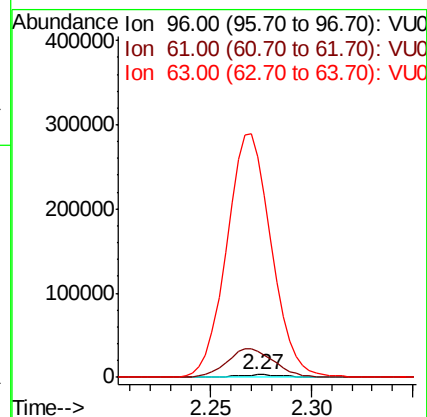
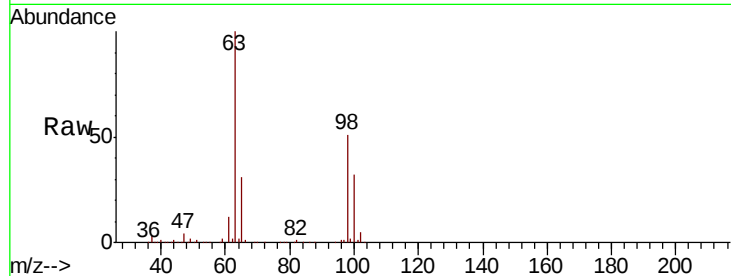
Tgt Ion: 96 Resp: 5420

Ion Ratio Lower Upper

96 100

61 1041.0 135.0 250.6#

63 8834.5 103.5 192.3#



#13

Acetone

Concen: 10.672 ug/L

RT: 2.34 min Scan# 388

Delta R.T. -0.00 min

Lab File: VU031597.D

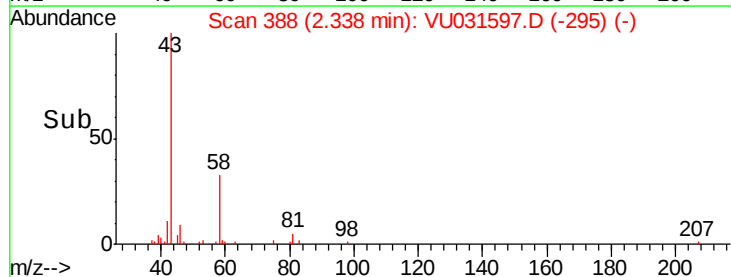
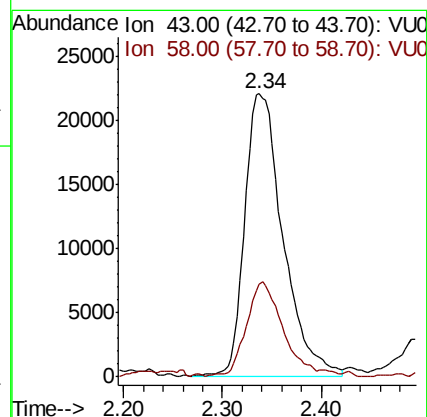
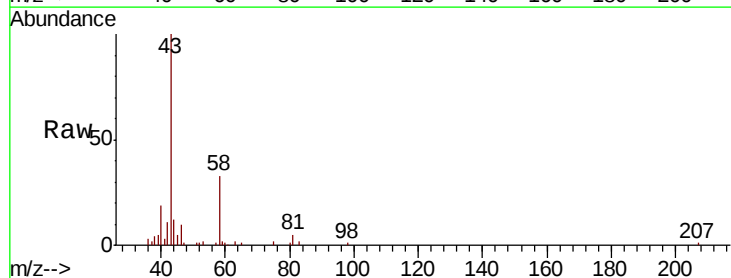
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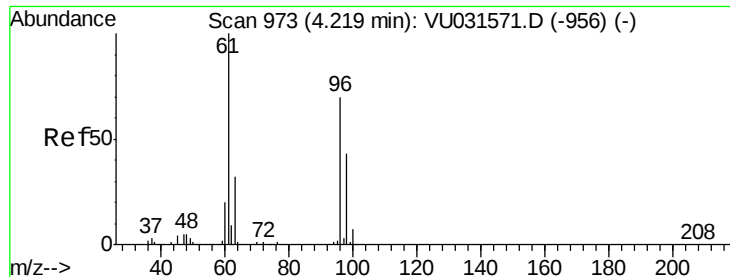
Tgt Ion: 43 Resp: 59295

Ion Ratio Lower Upper

43 100

58 31.4 0.0 64.4

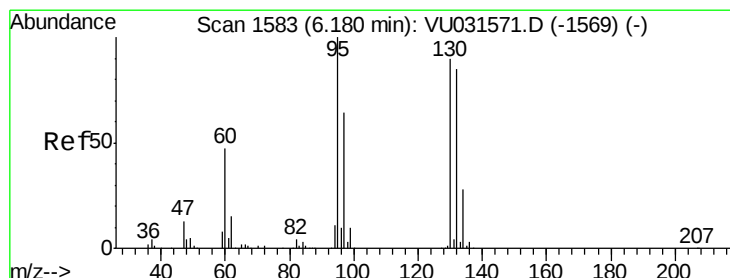
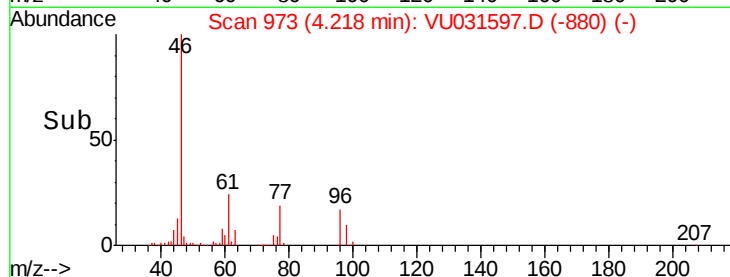
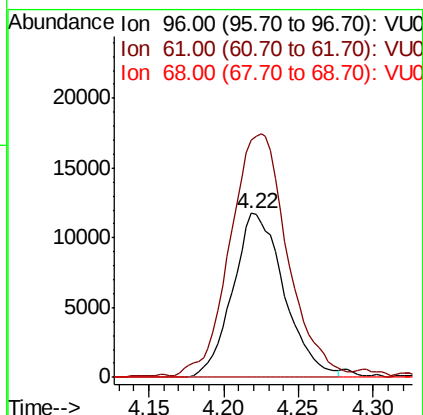
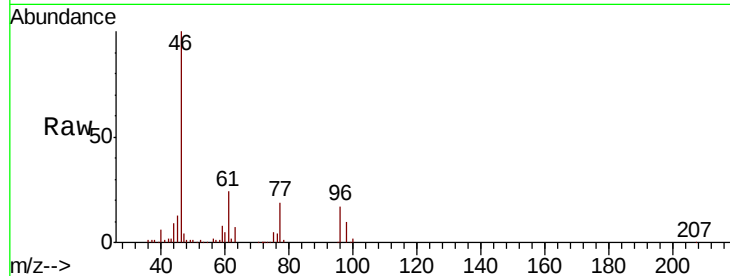




#20
 cis-1,2-Dichloroethene
 Concen: 4.960 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU031597.D
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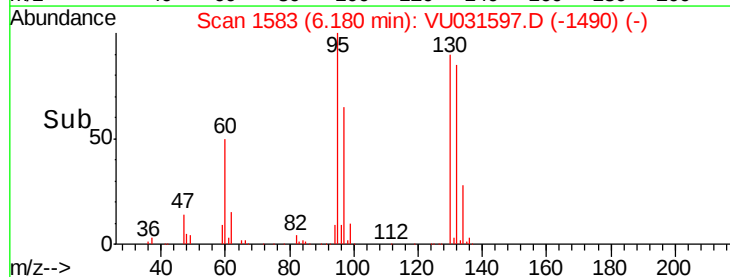
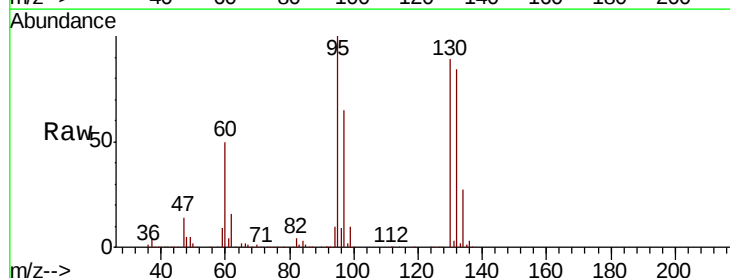
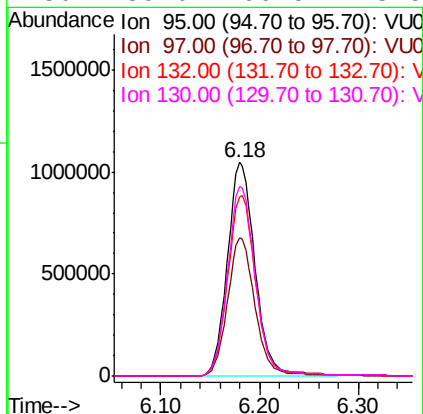
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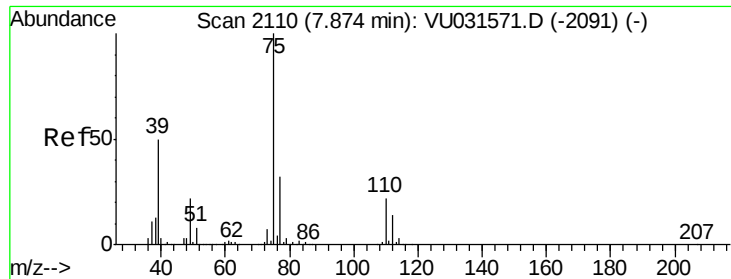
Tgt Ion: 96 Resp: 28137
 Ion Ratio Lower Upper
 96 100
 61 144.5 99.5 184.7
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 361.663 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU031597.D
 Acq: 29 Apr 2019 19:24

Tgt Ion: 95 Resp: 2057295
 Ion Ratio Lower Upper
 95 100
 97 64.8 44.8 83.2
 132 84.2 63.1 117.1
 130 89.0 66.5 123.5

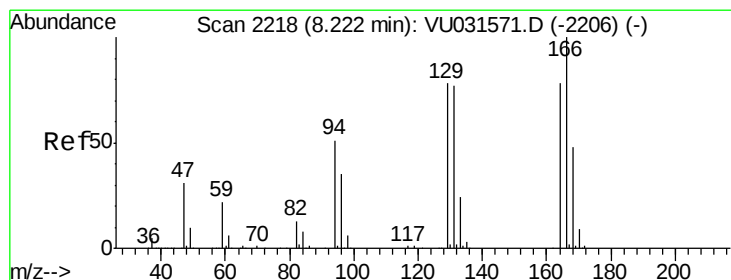
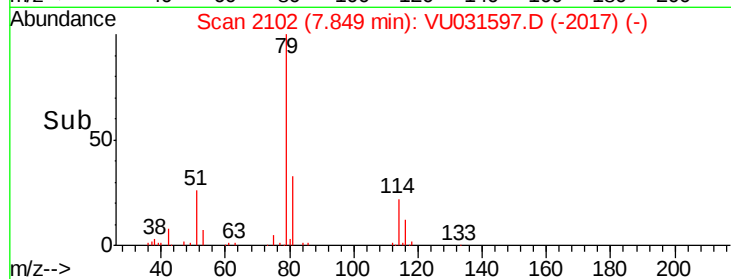
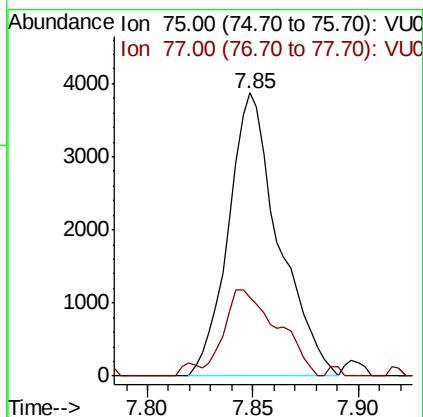
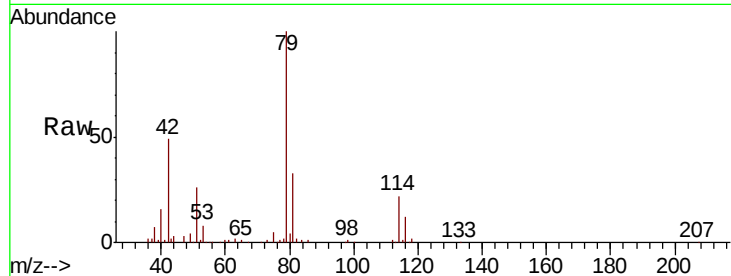




#44
trans-1,3-Dichloropropene
Concen: 0.803 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031597.D
Acq: 29 Apr 2019 19:24

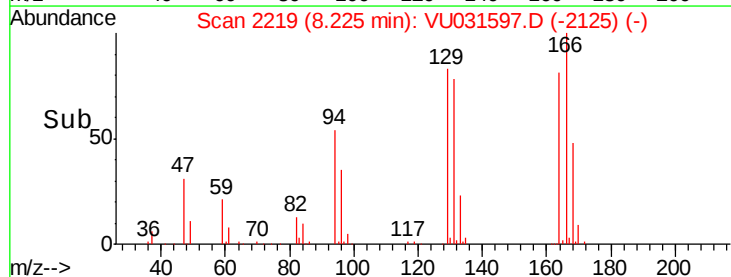
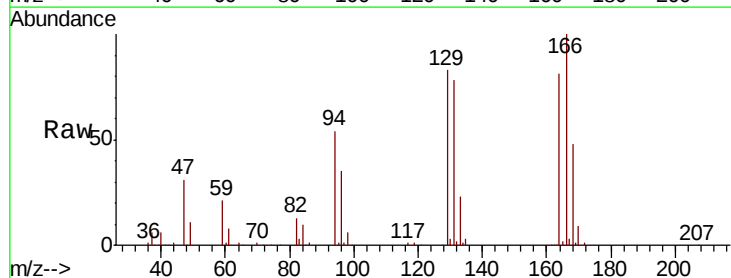
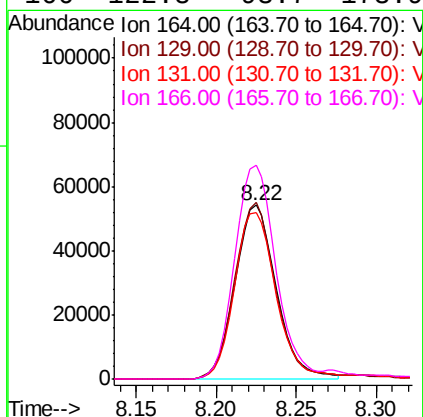
Instrument :
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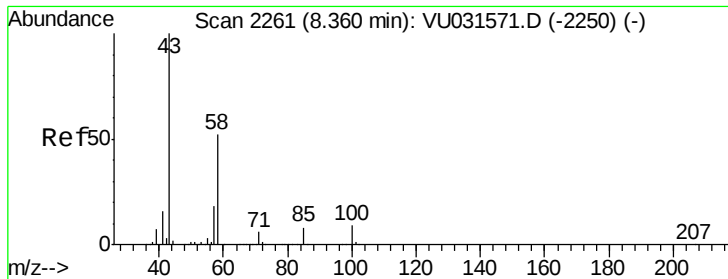
Tgt Ion: 75 Resp: 6409
Ion Ratio Lower Upper
75 100
77 27.8 22.1 41.1



#46
Tetrachloroethene
Concen: 24.538 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031597.D
Acq: 29 Apr 2019 19:24

Tgt Ion: 164 Resp: 95160
Ion Ratio Lower Upper
164 100
129 101.7 71.5 132.9
131 95.4 69.0 128.2
166 122.8 93.7 173.9

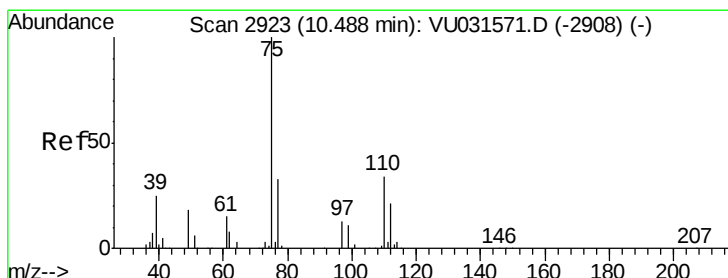
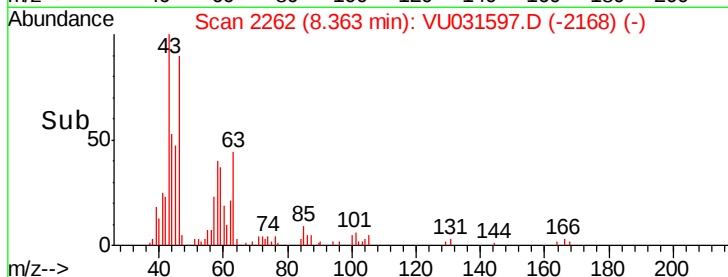
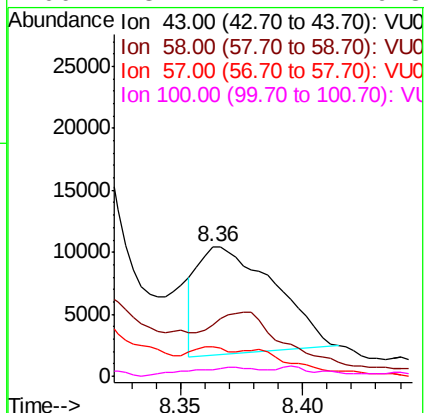
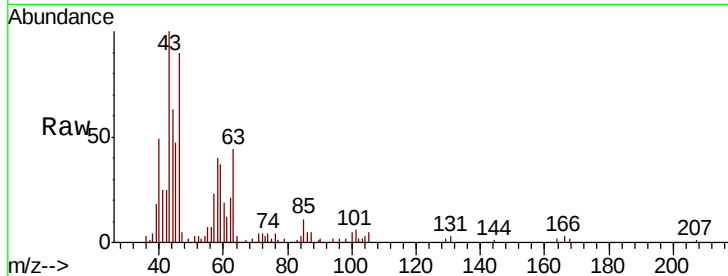




#48
 2-Hexanone
 Concen: 2.271 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VU031597.D
 Acq: 29 Apr 2019 19:24

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 ClientSampleId :
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Tgt Ion:	43	Resp:	18823
Ion	Ratio	Lower	Upper
43	100		
58	47.1	42.1	63.1
57	4.3	14.6	22.0
100	8.1	7.2	10.8



#59
 1,2,3-Trichloropropane
 Concen: 4.398 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU031597.D
 Acq: 29 Apr 2019 19:24

Tgt Ion:	75	Resp:	34742
Ion	Ratio	Lower	Upper
75	100		
77	37.4	25.9	38.9

