

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042919\
 Data File : VU031579.D
 Acq On : 29 Apr 2019 12:26
 Operator : JC/SP
 Sample : K2536-17 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X05

Quant Time: Apr 30 01:58:01 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	608060	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	592362	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	217863	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	308020	60.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	121.06%
7) Chloroethane-d5	1.68	69	255220	64.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	129.80%
11) 1,1-Dichloroethene-d2	2.27	63	465026	45.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.78%
21) 2-Butanone-d5	4.19	46	630458	136.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	136.73%#
24) Chloroform-d	4.64	84	558083	59.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.76%
26) 1,2-Dichloroethane-d4	5.31	65	386352	63.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	126.90%#
32) Benzene-d6	5.34	84	1094964	60.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.40%
36) 1,2-Dichloropropane-d6	6.33	67	391350	61.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	122.30%#
41) Toluene-d8	7.56	98	929147	58.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.30%
43) trans-1,3-Dichloropropene-	7.85	79	161846	58.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	117.82%
47) 2-Hexanone-d5	8.31	63	361981	130.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	130.68%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	504884	58.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	117.58%
64) 1,2-Dichlorobenzene-d4	11.86	152	301020	65.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	131.40%#

Target Compounds

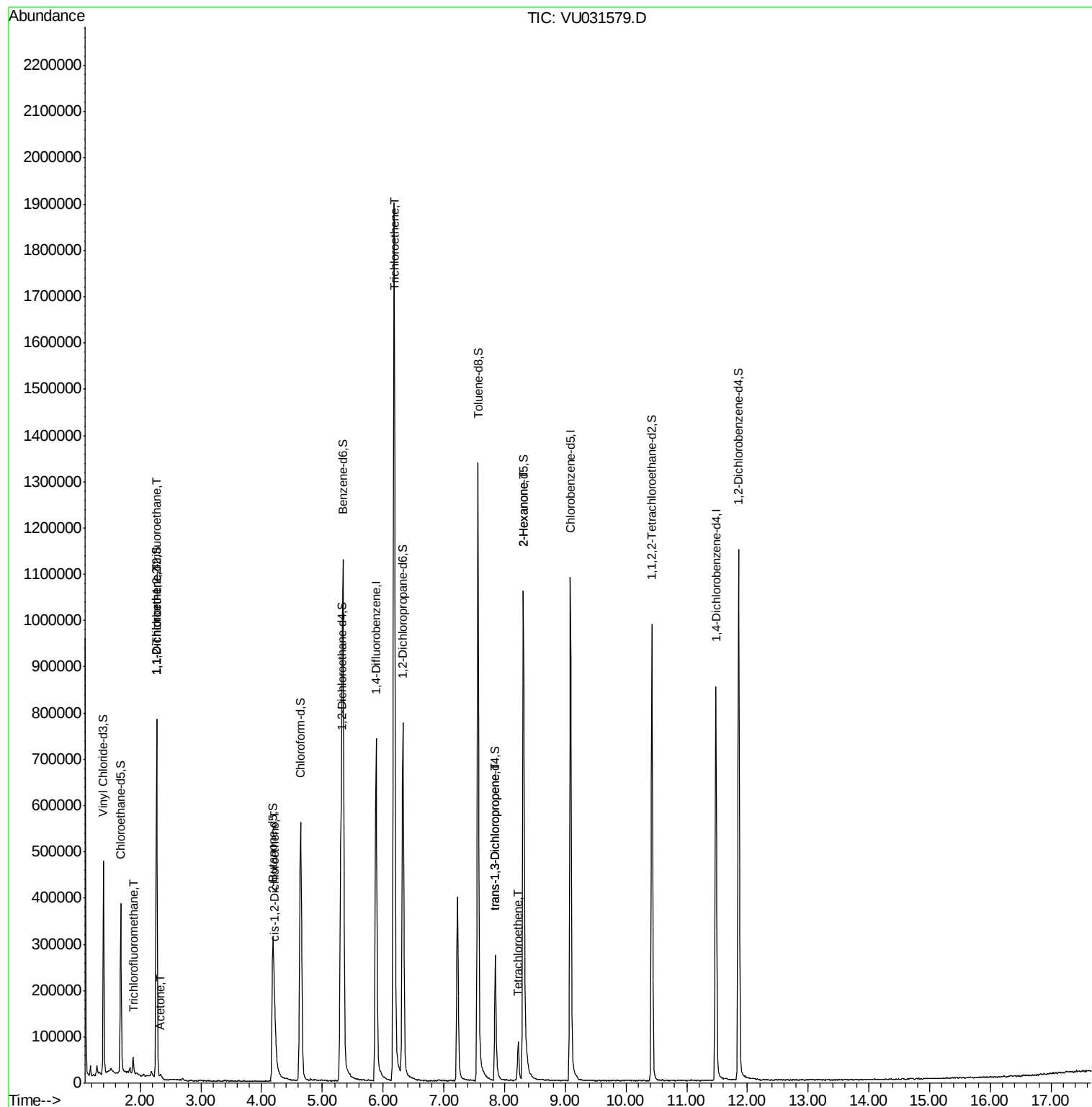
					Qvalue
9) Trichlorofluoromethane	1.88	101	17091	1.982 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3442	0.706 ug/L #	23
12) 1,1-Dichloroethene	2.27	96	3417	0.720 ug/L #	1
13) Acetone	2.34	43	6775	1.304 ug/L	80
20) cis-1,2-Dichloroethene	4.22	96	12177	2.296 ug/L	95
34) Trichloroethene	6.18	95	703859	133.326 ug/L	96
44) trans-1,3-Dichloropropene	7.85	75	6088	0.822 ug/L	93
46) Tetrachloroethene	8.22	164	20048	5.570 ug/L	92
48) 2-Hexanone	8.31	43	46821	6.086 ug/L #	77

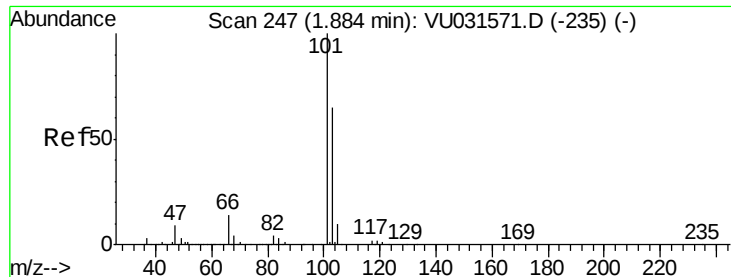
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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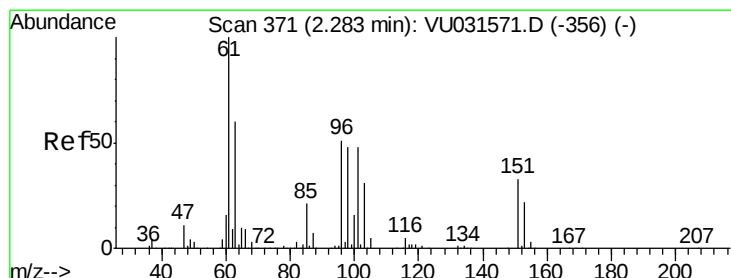
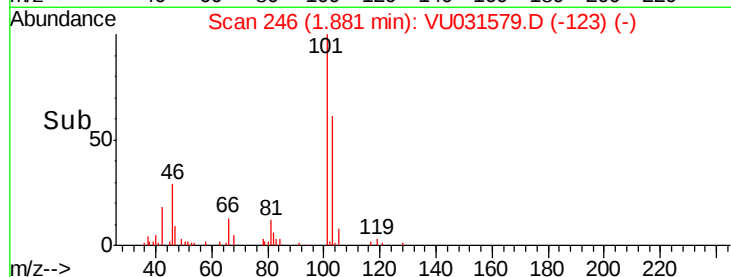
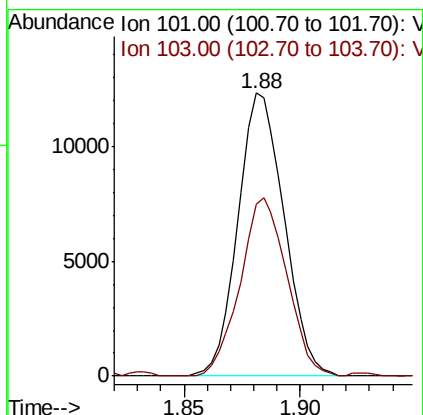
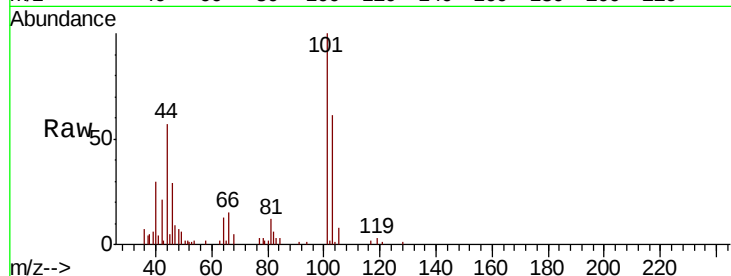


#9

Trichlorofluoromethane
 Concen: 1.982 ug/L
 RT: 1.88 min Scan# 246
 Delta R.T. -0.00 min
 Lab File: VU031579.D
 Acq: 29 Apr 2019 12:26

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 MSVOA_U
 ClientSampleId :
 C0X05

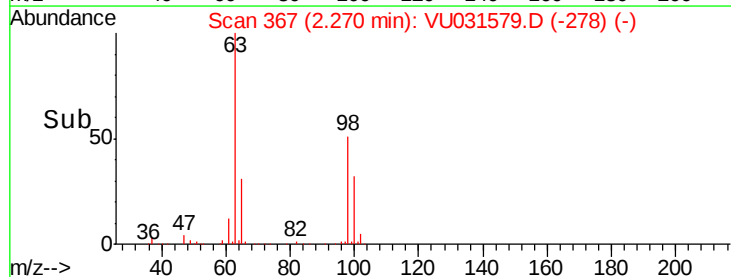
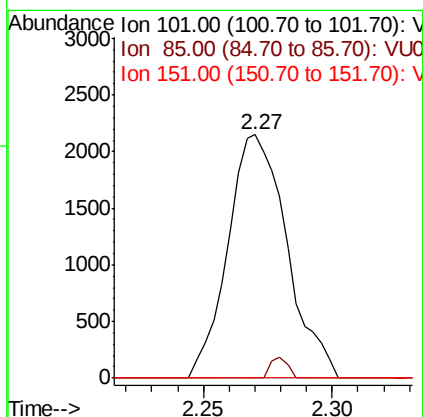
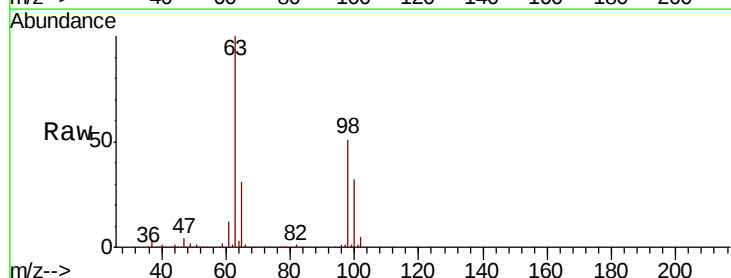
Tgt Ion:101 Resp: 17091
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.8 76.2

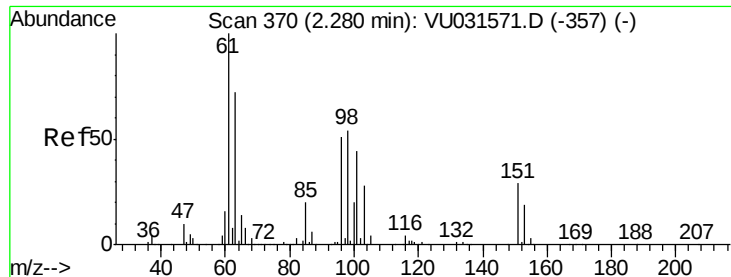


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.706 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VU031579.D
 Acq: 29 Apr 2019 12:26

Tgt Ion:101 Resp: 3442
 Ion Ratio Lower Upper
 101 100
 85 2.6 36.1 54.1#
 151 0.0 56.1 84.1#





#12

1,1-Dichloroethene

Concen: 0.720 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031579.D

Acq: 29 Apr 2019 12:26

Instrument :

MSVOA_U

ClientSampleId :

C0X05

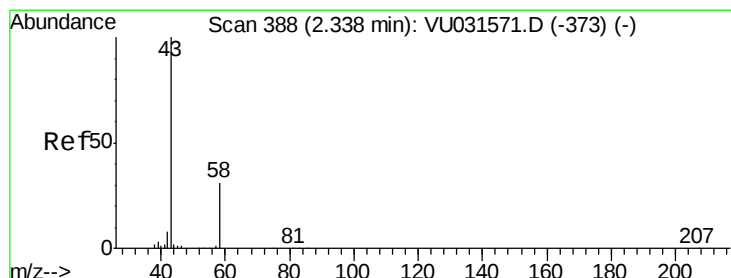
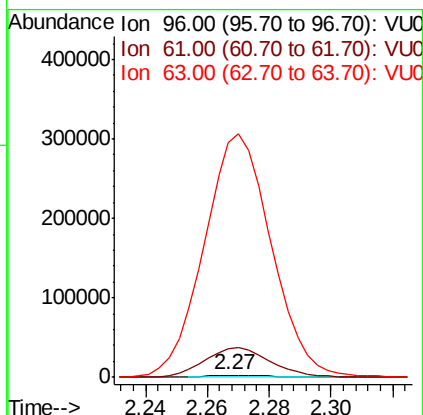
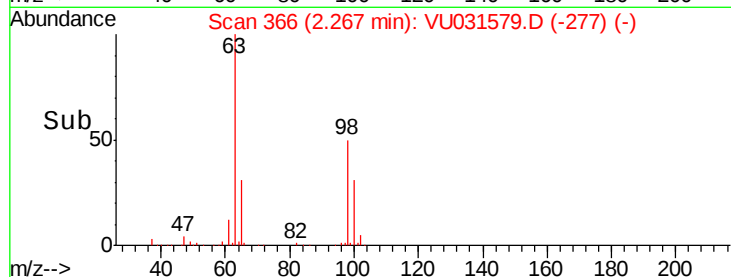
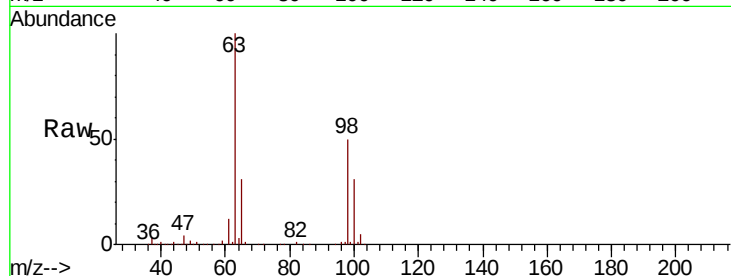
Tgt Ion: 96 Resp: 3417

Ion Ratio Lower Upper

96 100

61 1667.4 135.0 250.6#

63 13665.2 103.5 192.3#



#13

Acetone

Concen: 1.304 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.01 min

Lab File: VU031579.D

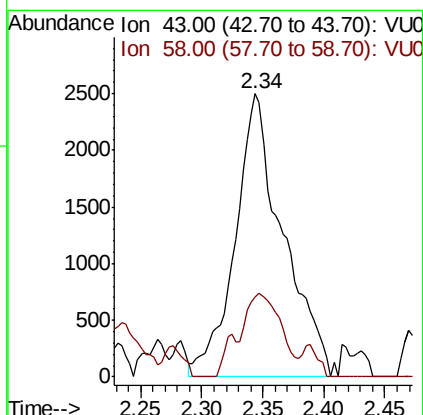
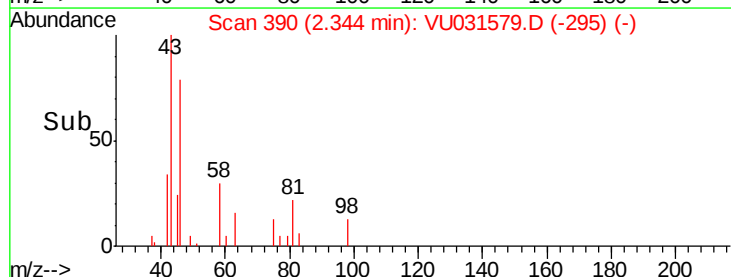
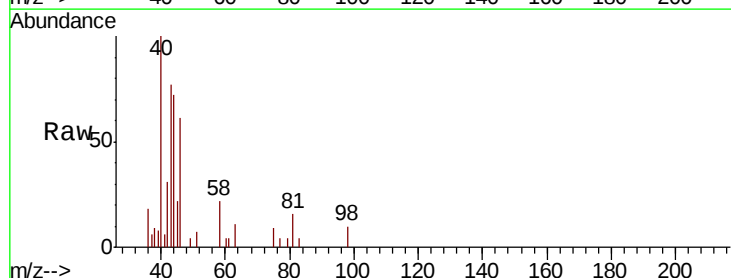
Acq: 29 Apr 2019 12:26

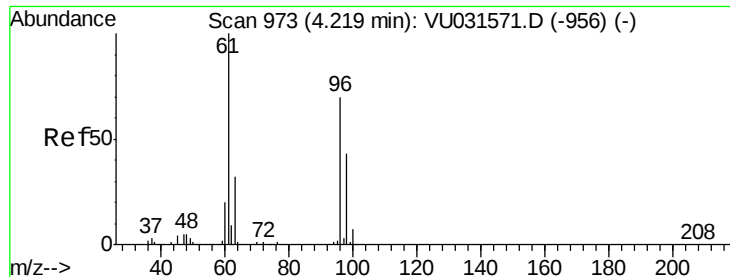
Tgt Ion: 43 Resp: 6775

Ion Ratio Lower Upper

43 100

58 21.3 0.0 64.4

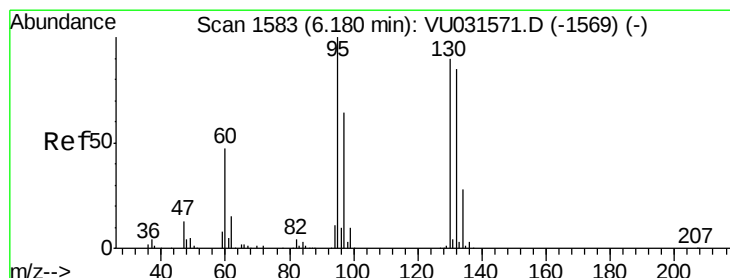
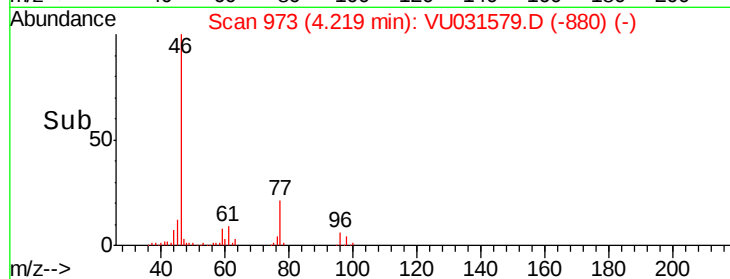
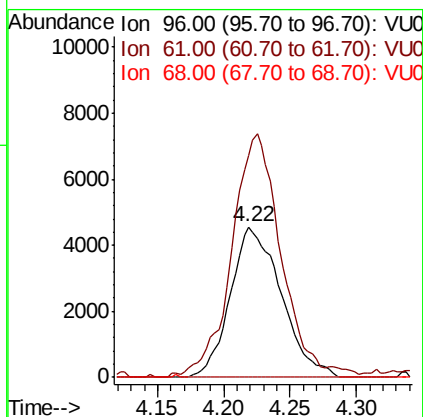
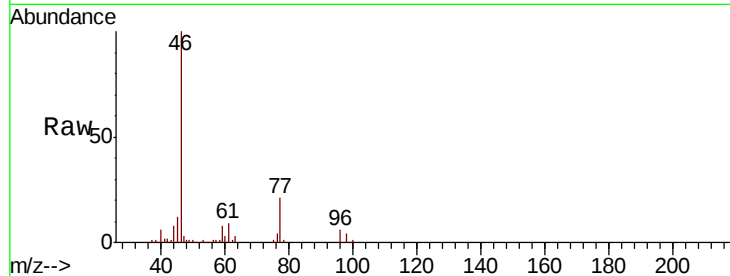




#20
 cis-1,2-Dichloroethene
 Concen: 2.296 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU031579.D
 Acq: 29 Apr 2019 12:26

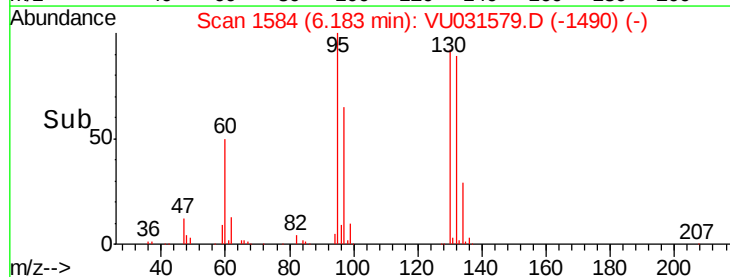
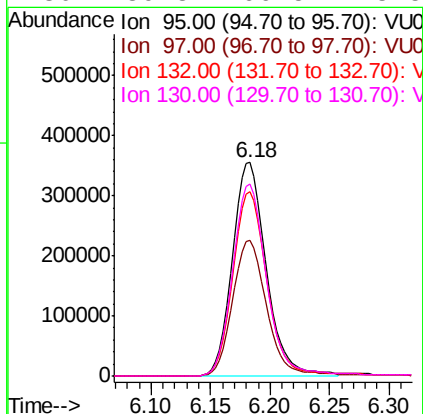
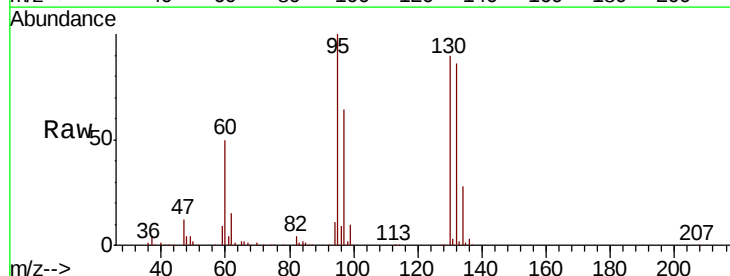
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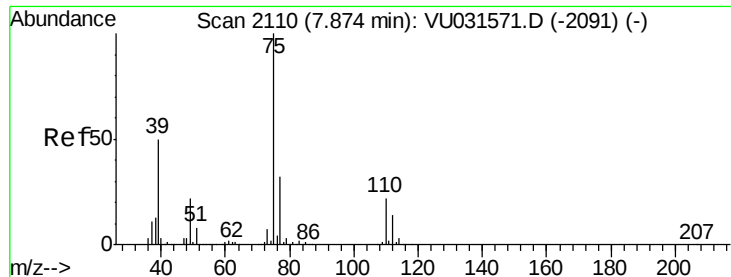
Tgt Ion: 96 Resp: 12177
 Ion Ratio Lower Upper
 96 100
 61 148.1 99.5 184.7
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 133.326 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031579.D
 Acq: 29 Apr 2019 12:26

Tgt Ion: 95 Resp: 703859
 Ion Ratio Lower Upper
 95 100
 97 63.7 44.8 83.2
 132 86.4 63.1 117.1
 130 89.8 66.5 123.5





#44

trans-1,3-Dichloropropene

Concen: 0.822 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU031579.D

Acq: 29 Apr 2019 12:26

Instrument :

MSVOA_U

ClientSampleId :

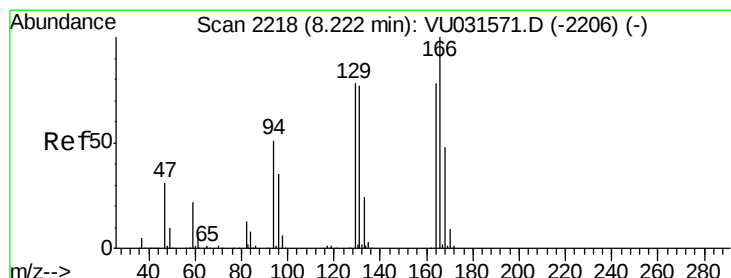
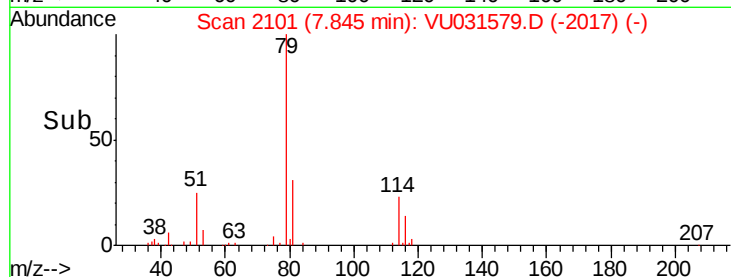
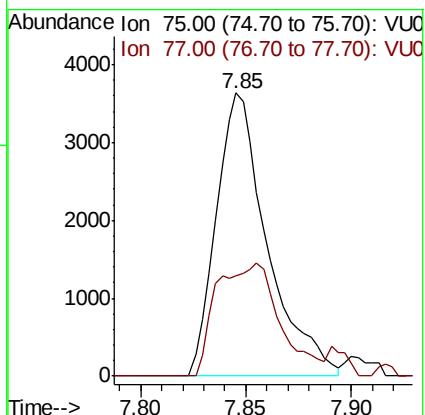
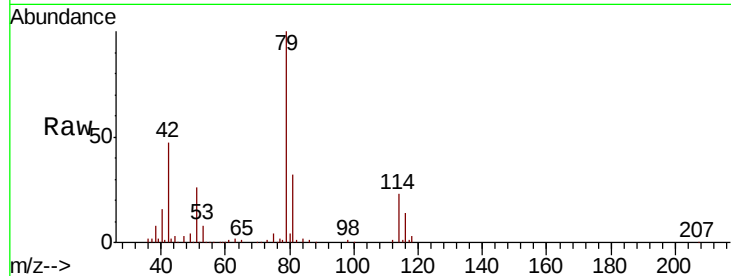
C0X05

Tgt Ion: 75 Resp: 6088

Ion Ratio Lower Upper

75 100

77 35.3 22.1 41.1



#46

Tetrachloroethene

Concen: 5.570 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031579.D

Acq: 29 Apr 2019 12:26

Tgt Ion: 164 Resp: 20048

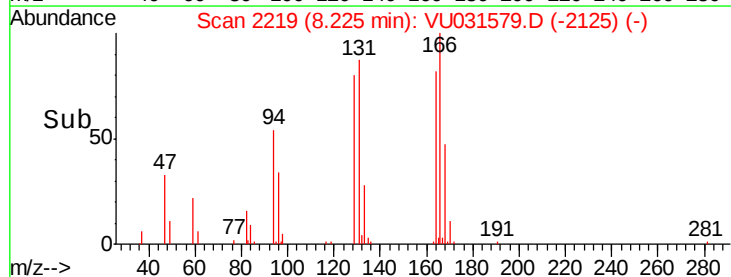
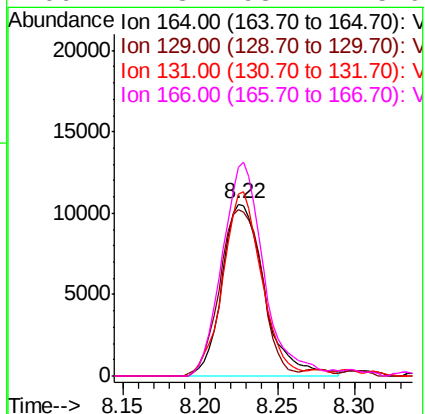
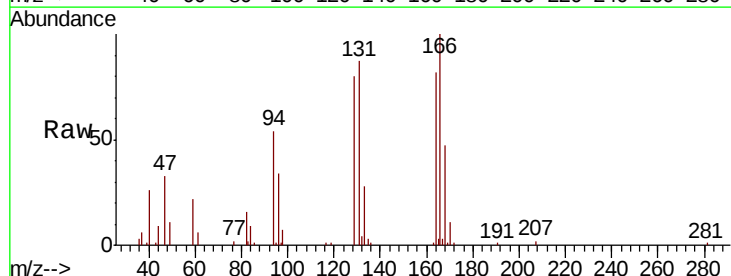
Ion Ratio Lower Upper

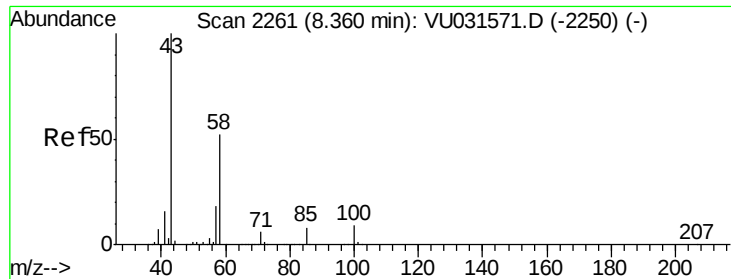
164 100

129 97.2 71.5 132.9

131 105.7 69.0 128.2

166 121.3 93.7 173.9





#48
 2-Hexanone
 Concen: 6.086 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
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 ClientSampleId :
 C0X05

Tgt Ion: 43 Resp: 46821
 Ion Ratio Lower Upper
 43 100
 58 36.8 42.1 63.1#
 57 29.9 14.6 22.0#
 100 0.8 7.2 10.8#

