

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042919\
 Data File : VU031573.D
 Acq On : 29 Apr 2019 10:07
 Operator : JC/SP
 Sample : K2596-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Quant Time: Apr 30 01:57:21 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	683523	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	672252	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	267457	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	254909	44.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.12%
7) Chloroethane-d5	1.68	69	210424	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.27	63	394191	34.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.20%
21) 2-Butanone-d5	4.19	46	585436	112.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.95%
24) Chloroform-d	4.64	84	502088	47.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.84%
26) 1,2-Dichloroethane-d4	5.31	65	356281	52.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.10%
32) Benzene-d6	5.34	84	976090	47.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.56%
36) 1,2-Dichloropropane-d6	6.33	67	351581	48.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.82%
41) Toluene-d8	7.56	98	822695	45.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.52%
43) trans-1,3-Dichloropropene-	7.85	79	149371	47.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.82%
47) 2-Hexanone-d5	8.31	63	345118	109.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.79%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	489742	50.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	287446	51.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

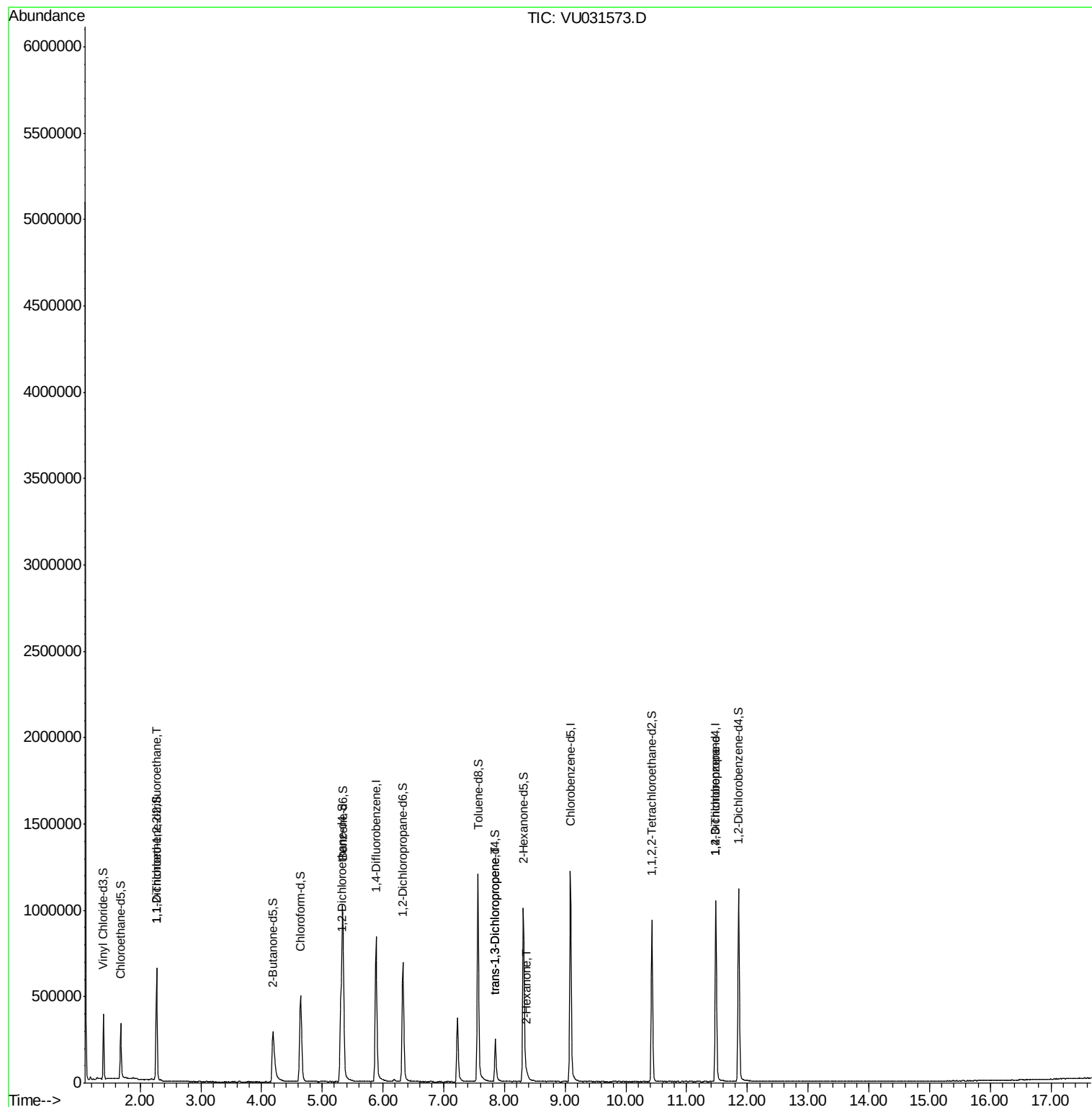
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3754	0.685 ug/L #	27
44) trans-1,3-Dichloropropene	7.85	75	6155	0.732 ug/L	85
48) 2-Hexanone	8.37	43	21787	2.495 ug/L #	50
59) 1,2,3-Trichloropropane	11.48	75	37457	4.503 ug/L	91

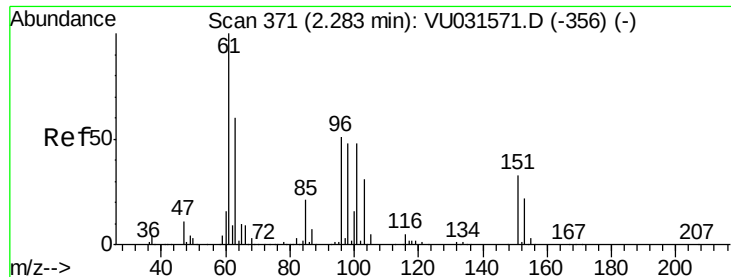
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.685 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031573.D

Acq: 29 Apr 2019 10:07

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VHBLK02

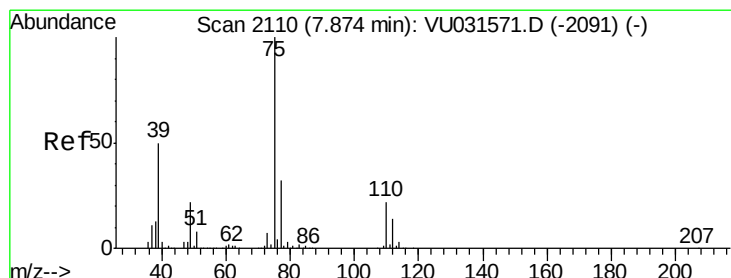
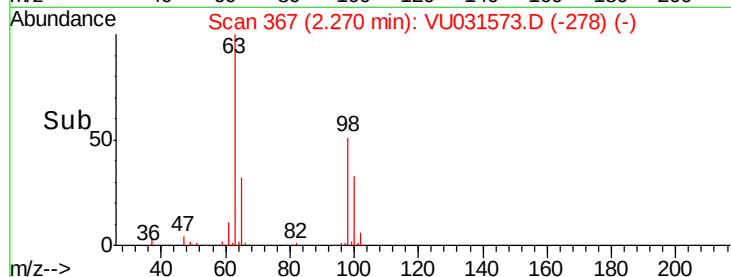
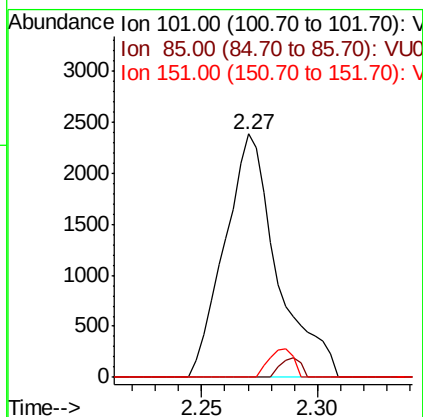
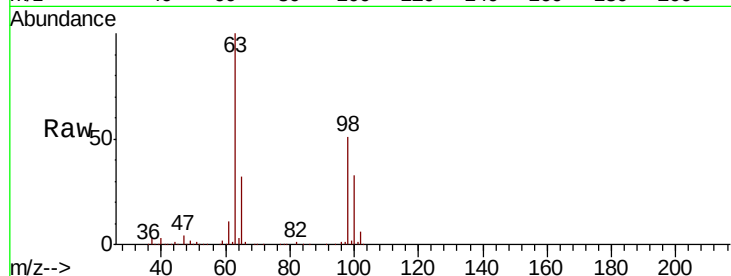
Tgt Ion:101 Resp: 3754

Ion Ratio Lower Upper

101 100

85 3.1 36.1 54.1#

151 5.4 56.1 84.1#



#44

trans-1,3-Dichloropropene

Concen: 0.732 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031573.D

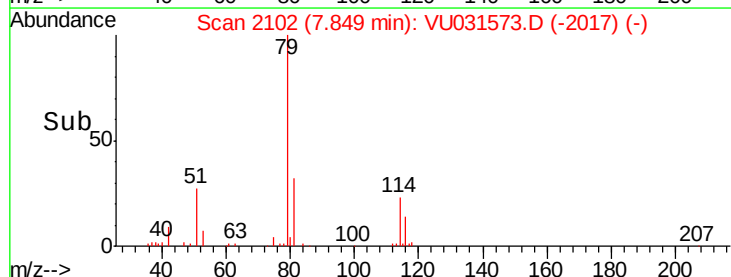
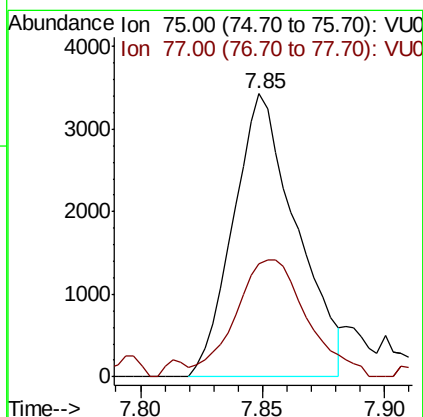
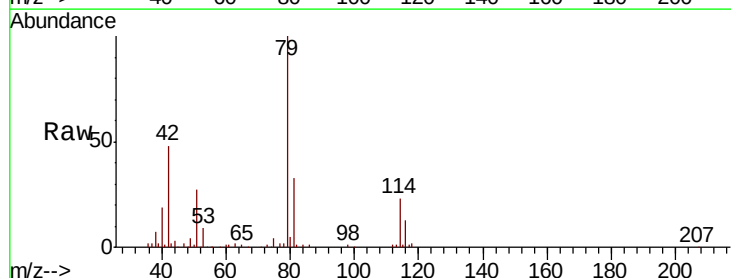
Acq: 29 Apr 2019 10:07

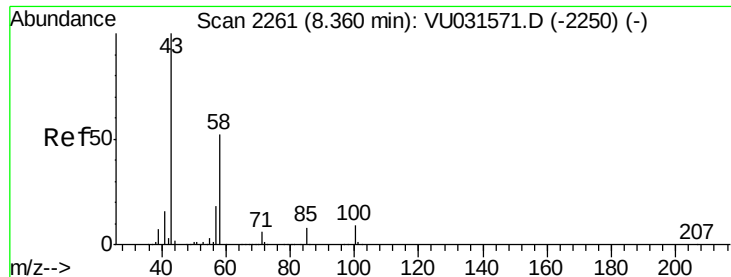
Tgt Ion: 75 Resp: 6155

Ion Ratio Lower Upper

75 100

77 39.7 22.1 41.1

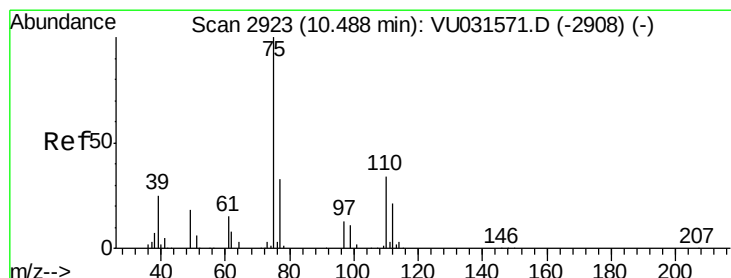
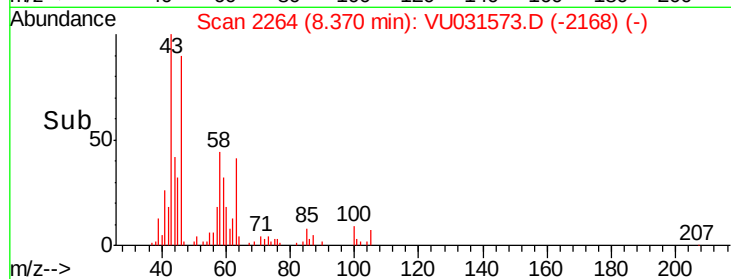
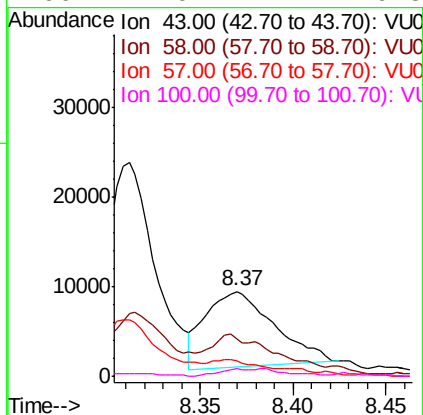
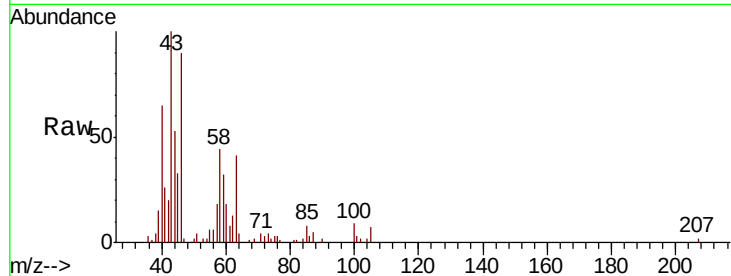




#48
 2-Hexanone
 Concen: 2.495 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
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Tgt Ion: 43 Resp: 21787
 Ion Ratio Lower Upper
 43 100
 58 6.0 42.1 63.1#
 57 7.9 14.6 22.0#
 100 4.0 7.2 10.8#



#59
 1,2,3-Trichloropropane
 Concen: 4.503 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU031573.D
 Acq: 29 Apr 2019 10:07

Tgt Ion: 75 Resp: 37457
 Ion Ratio Lower Upper
 75 100
 77 37.3 25.9 38.9

