

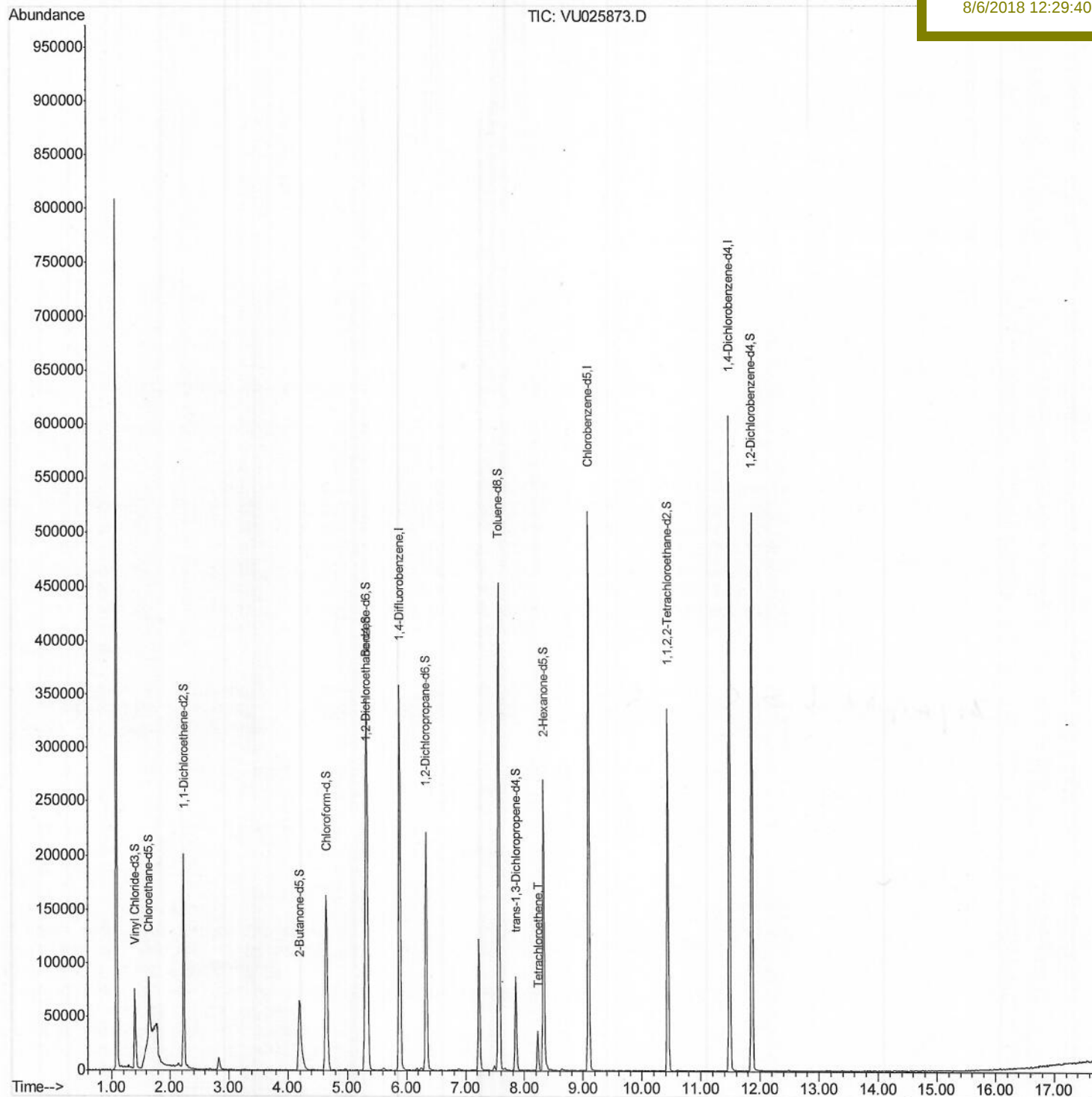
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080518\
Data File : VU025873.D
Acq On : 04 Aug 2018 15:01
Operator : MD/SY
Sample : J4261-09ME
Misc : 3.54g/5mL/100uL/5.00mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 06 01:50:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 06 01:30:36 2018
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
E5F96ME

Manual Integrations
APPROVED

sam
8/6/2018 12:29:40 PM



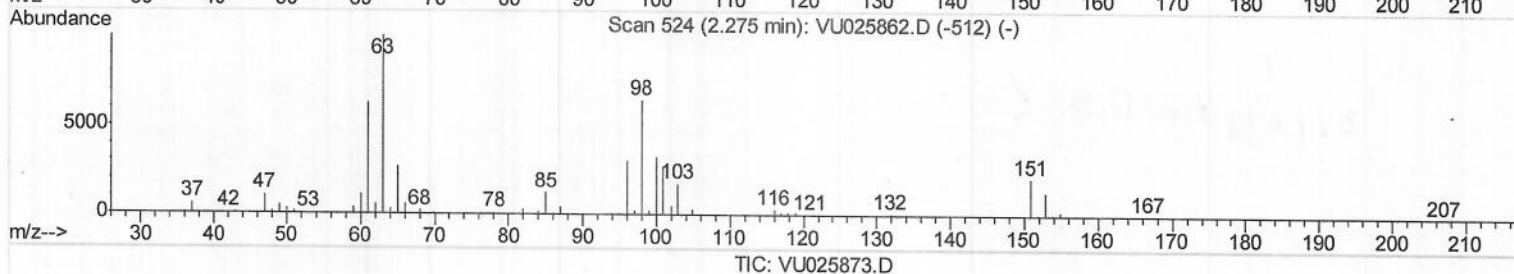
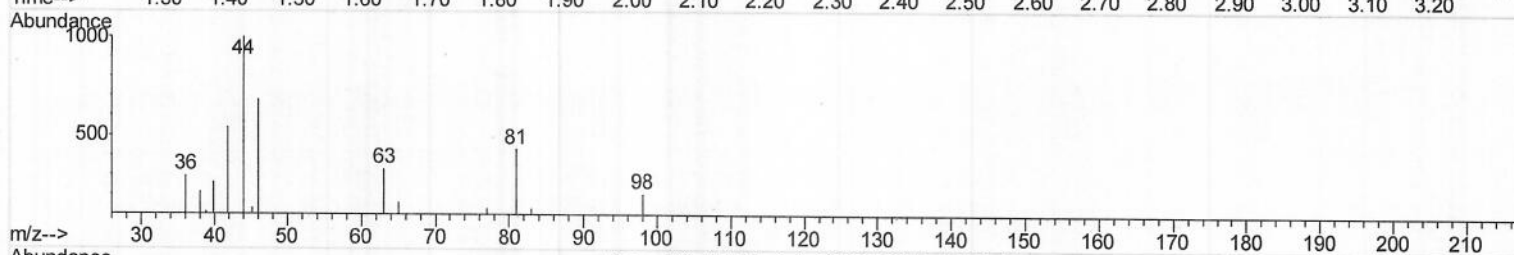
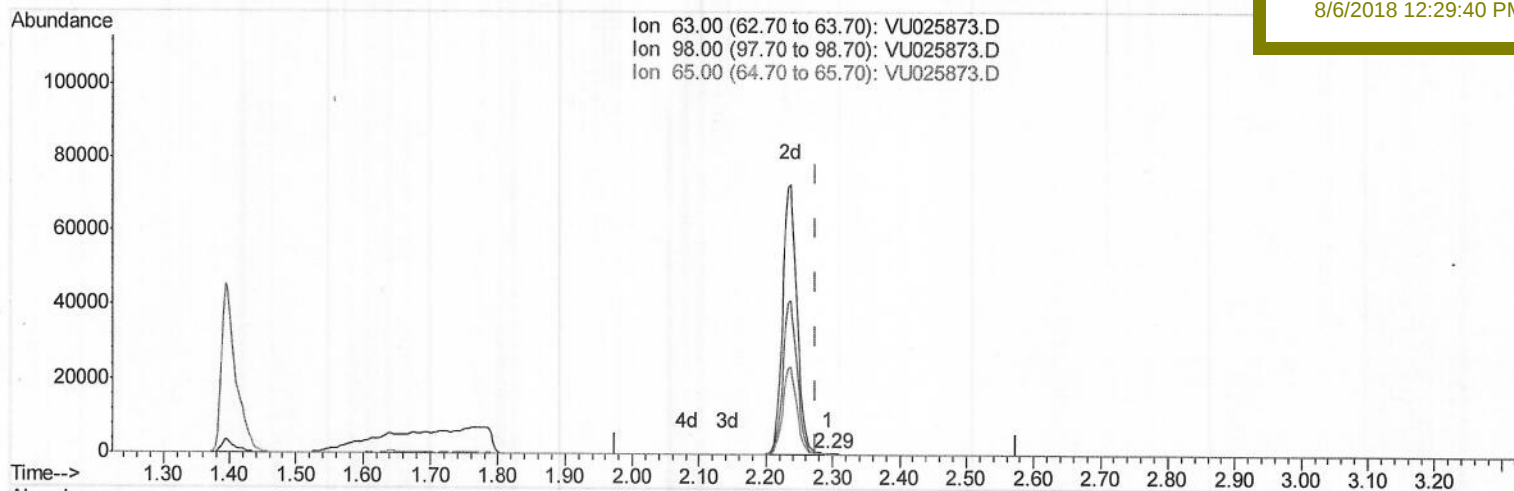
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(11) 1,1-Dichloroethene-d2 (S)

2.294min (+0.019) 0.06ug/L

response 232

Ion	Exp%	Act%
63.00	100	100
98.00	71.60	0.00#
65.00	23.20	18.53
0.00	0.00	0.00

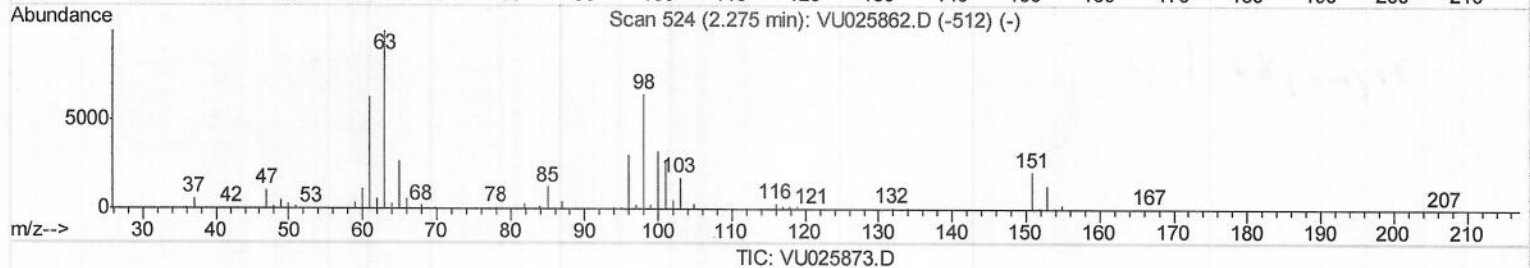
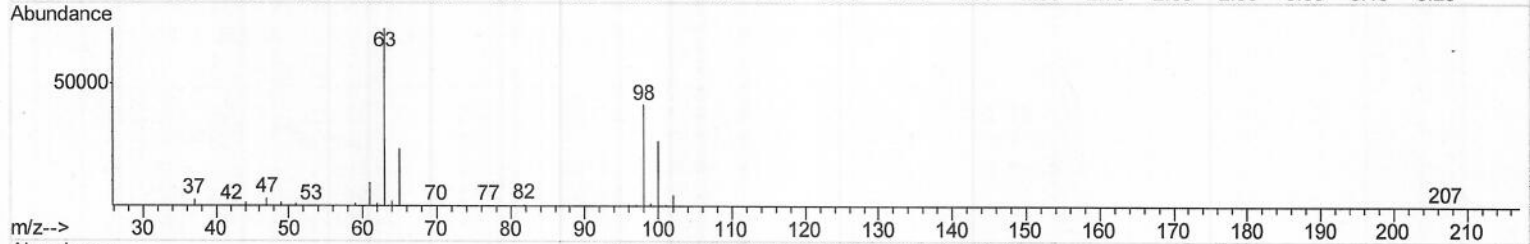
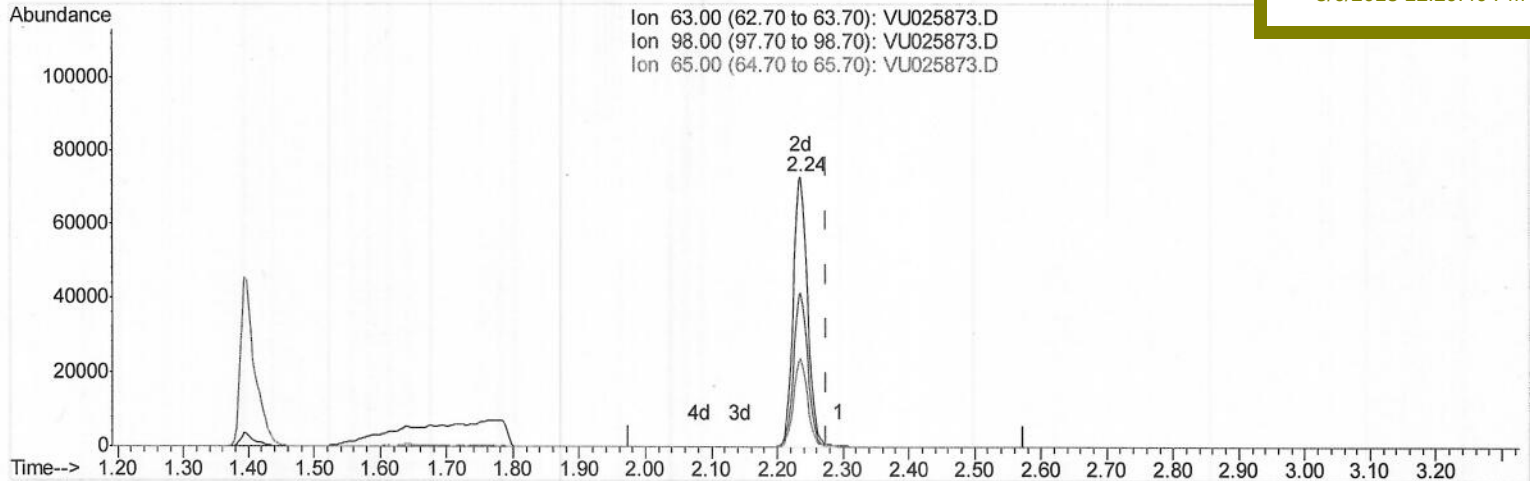
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Instrument :
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ClientSampleId :
E5F96ME

Manual Integrations
APPROVED

sam
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(11) 1,1-Dichloroethene-d2 (S)

2.236min (-0.039) 30.38ug/L m 2MD 08/18/18

response 110302

Ion	Exp%	Act%
63.00	100	100
98.00	71.60	0.00#
65.00	23.20	0.04#
0.00	0.00	0.00

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 Operator : MD/SY
 Sample : J4261-09ME
 Misc : 3.54g/5mL/100uL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5F96ME

Quant Time: Aug 06 01:50:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
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Manual Integrations
 APPROVED

sam
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	305521	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	297120	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	159123	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	68056	39.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.04%		
7) Chloroethane-d5	1.64	69	39760	27.64	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	55.28%#		
11) 1,1-Dichloroethene-d2	2.24	63	110302m)	30.38	ug/L	-0.04)
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.76%		
21) 2-Butanone-d5	4.20	46	134615	99.97	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.97%		
24) Chloroform-d	4.64	84	160863	41.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.80%		
26) 1,2-Dichloroethane-d4	5.31	65	117671	45.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.60%		
32) Benzene-d6	5.34	84	328816	43.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.30%		
36) 1,2-Dichloropropane-d6	6.33	67	107734	43.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.76%		
41) Toluene-d8	7.57	98	306344	41.92	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.84%		
43) trans-1,3-Dichloropropene-	7.85	79	52074	41.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.04%		
47) 2-Hexanone-d5	8.33	63	104677	101.82	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.82%		
57) 1,1,2,2-Tetrachloroethane-	10.44	84	160036	46.60	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.20%		
64) 1,2-Dichlorobenzene-d4	11.87	152	139881	43.38	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.76%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
46) Tetrachloroethene	8.23	164	8243	4.198	ug/L	92

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