LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
Data File : VN054341.D
Acq On : 16 Mar 2019 17:13
Operator : JC/SP
Sample : K1960-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : T11-MW-9-9.0-031419

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.301	152	164	206	rBV2	27845305	52047331	15.86%	4.497%
2	3.850	631	646	706	rVB4	73853636	323863492	98.70%	27.984%
3	4.095	709	722	770	rVB	3236188	9481613	2.89%	0.819%
4	6.165	1309	1366	1409	rBV2	34641577	177709962	54.16%	15.356%
5	7.664	1820	1832	1853	rVB	2624236	6302175	1.92%	0.545%
6	8.458	2061	2079	2102	rBV	4241442	9396011	2.86%	0.812%
7	8.583	2104	2118	2146	rVB	3664923	7795518	2.38%	0.674%
8	10.091	2570	2587	2618	rBV	5987529	12267751	3.74%	1.060%
9	10.278	2624	2645	2658	rBV6	124524110	328133806	100.00%	28.353%
10	10.352	2658	2668	2688	rVB	24317461	42130993	12.84%	3.640%
11	10.497	2702	2713	2738	rVB	3134392	5463991	1.67%	0.472%
12	10.763	2784	2796	2810	rBV	2741517	4601546	1.40%	0.398%
13	11.381	2976	2988	3022	rVB3	51788120	127120825	38.74%	10.984%
14	12.400	3292	3305	3338	rBV	3619338	6937762	2.11%	0.599%
15	13.342	3589	3598	3620	rVB2	4512388	8263812	2.52%	0.714%
16	14.586	3973	3985	3997	rBV3	4001625	8065258	2.46%	0.697%
17	15.133	4135	4155	4165	rBV	4660189	8811785	2.69%	0.761%
18	16.159	4462	4474	4501	rVB	4157021	8982083	2.74%	0.776%
19	16.352	4519	4534	4550	rBV	4551096	9925431	3.02%	0.858%

Sum of corrected areas: 1157301145

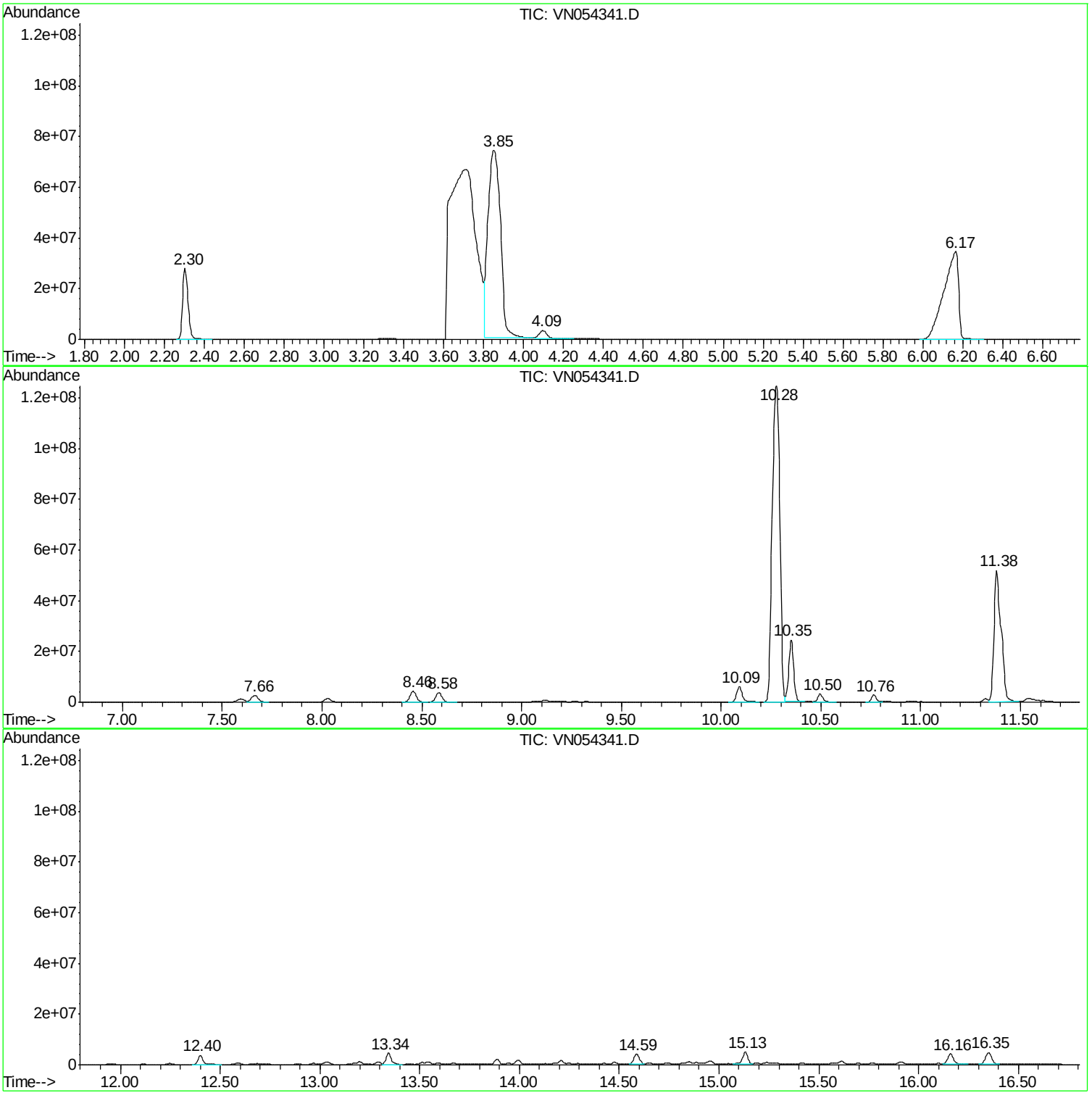
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031619\
Data File : VN054341.D
Acq On : 16 Mar 2019 17:13
Operator : JC/SP
Sample : K1960-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : T11-MW-9-9.0-031419

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Data File : VN054341.D
Acq On : 16 Mar 2019 17:13
Operator : JC/SP
Sample : K1960-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : T11-MW-9-9.0-031419

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260

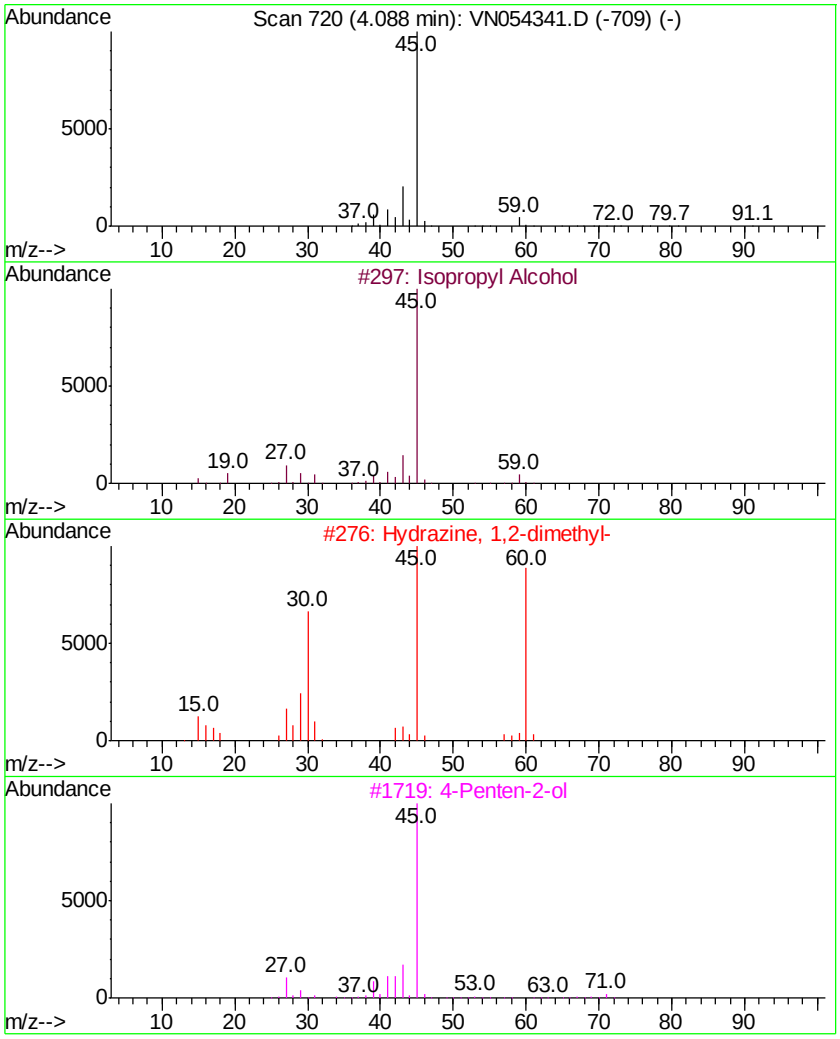
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

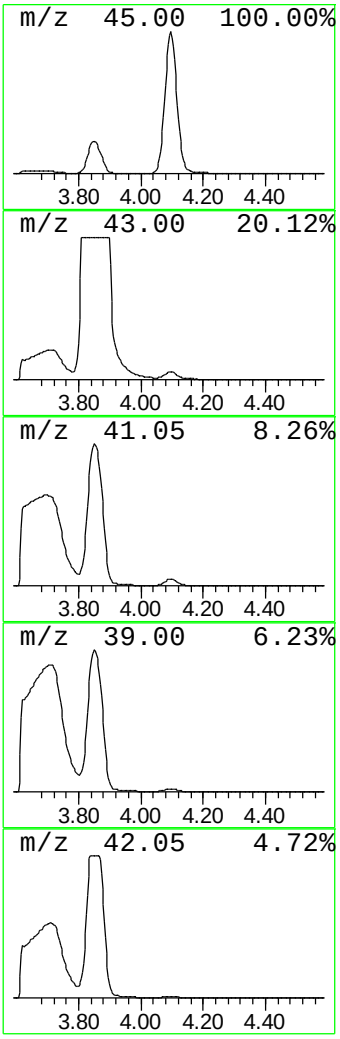
****

Peak Number 2 Isopropyl Alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.09	75.22 ug/l	9481610	Pentafluorobenzene	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	90
2	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9
3	4-Penten-2-ol	86	C5H10O	000625-31-0	9
4	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	9
5	Formamide	45	CH3NO	000075-12-7	5





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
Data File : VN054341.D
Acq On : 16 Mar 2019 17:13
Operator : JC/SP
Sample : K1960-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : T11-MW-9-9.0-031419

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260

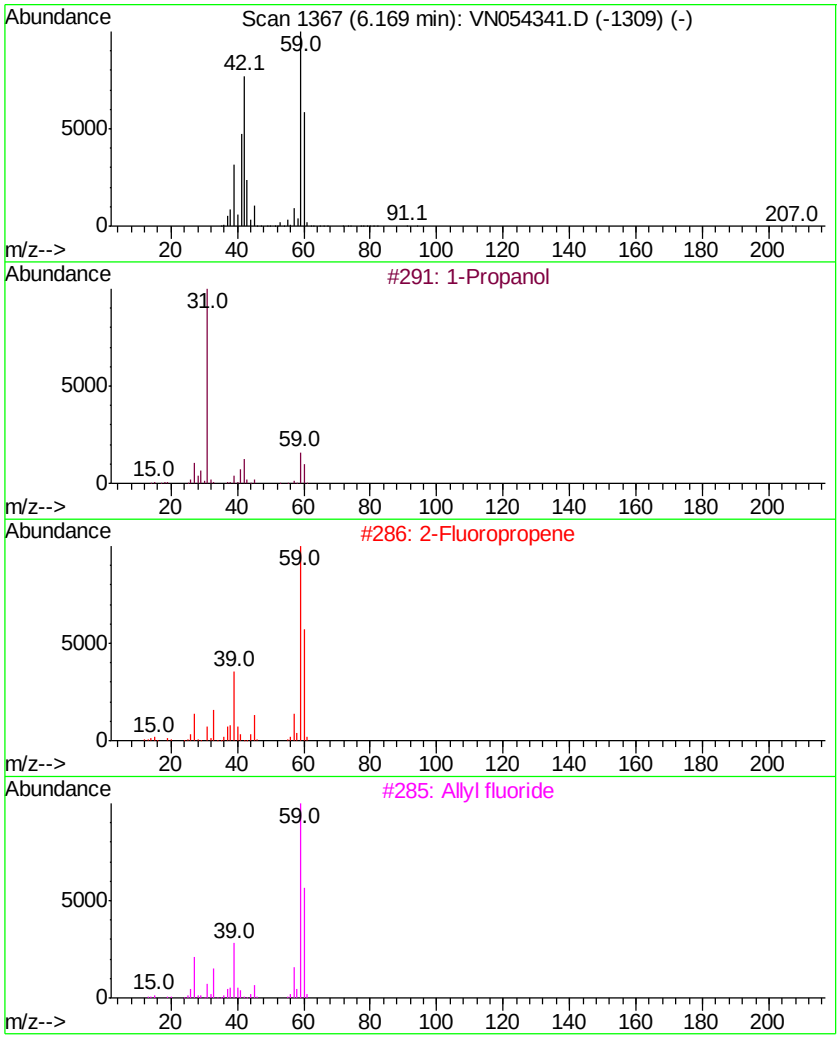
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

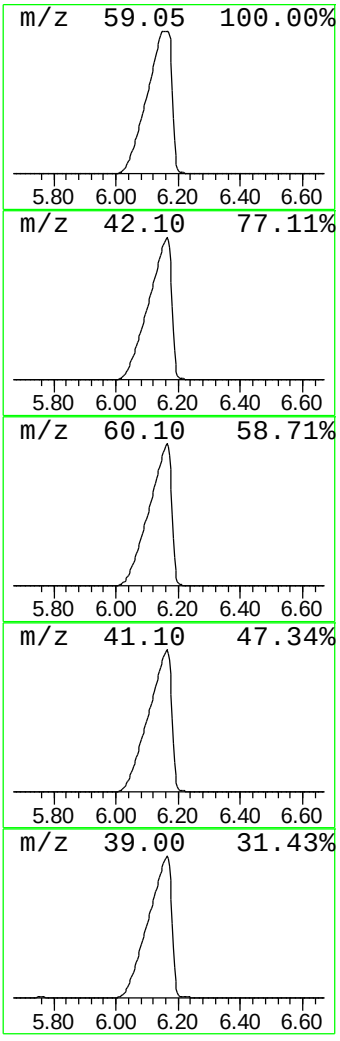
****

Peak Number 3 1-Propanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	1409.91 ug/l	177710000	Pentafluorobenzene	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol	60	C3H8O	000071-23-8	78
2	2-Fluoropropene	60	C3H5F	001184-60-7	49
3	Allyl fluoride	60	C3H5F	000818-92-8	46
4	Methanamine, N-hydroxy-N-methyl-	61	C2H7NO	005725-96-2	9
5	Acetaldoxime	59	C2H5NO	000107-29-9	7





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031619\
Data File : VN054341.D
Acq On : 16 Mar 2019 17:13
Operator : JC/SP
Sample : K1960-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : T11-MW-9-9.0-031419

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260

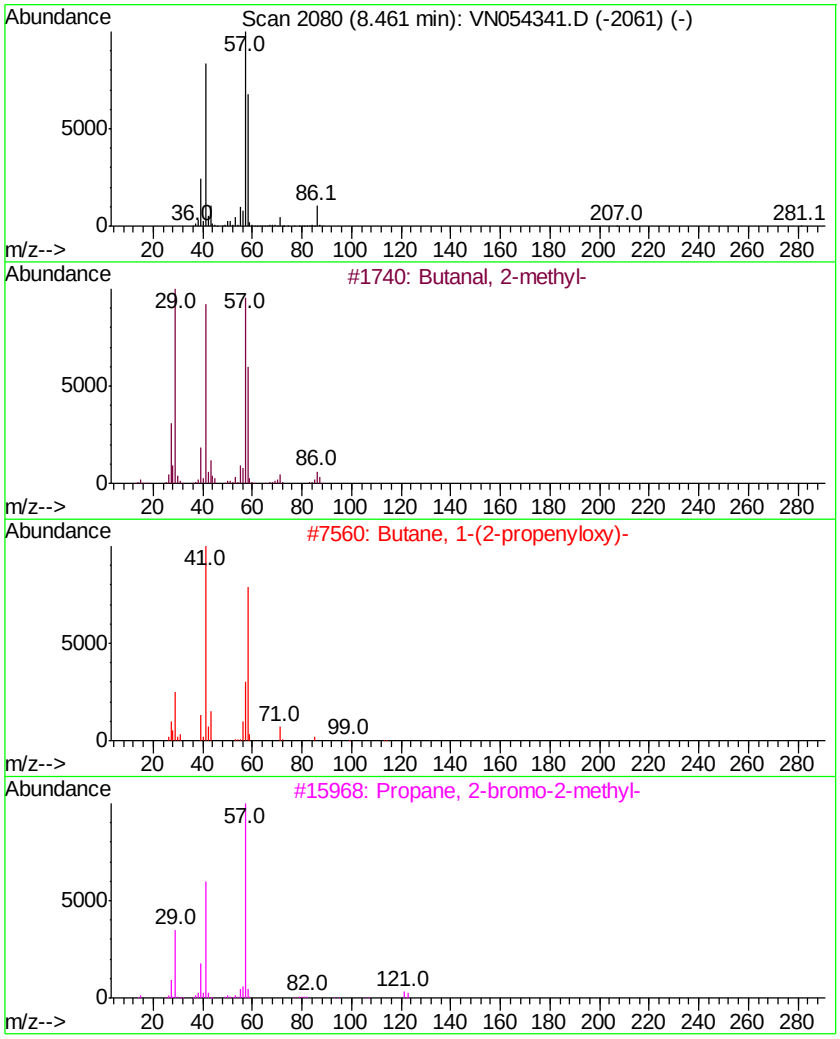
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

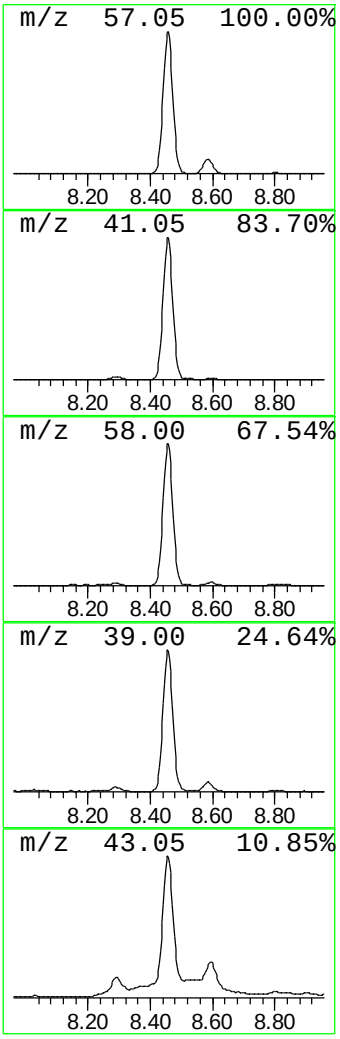
****

Peak Number 4 Butanal, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	60.27 ug/l	9396010	1,4-Difluorobenzene	8.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal, 2-methyl-	86	C5H10O	000096-17-3	90
2	Butane, 1-(2-propenyloxy)-	114	C7H14O	003739-64-8	42
3	Propane, 2-bromo-2-methyl-	136	C4H9Br	000507-19-7	32
4	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	32
5	Diazene, bis(1,1-dimethylethyl)-	142	C8H18N2	000927-83-3	23





Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
Data File : VN054341.D
Acq On : 16 Mar 2019 17:13
Operator : JC/SP
Sample : K1960-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : T11-MW-9-9.0-031419

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260

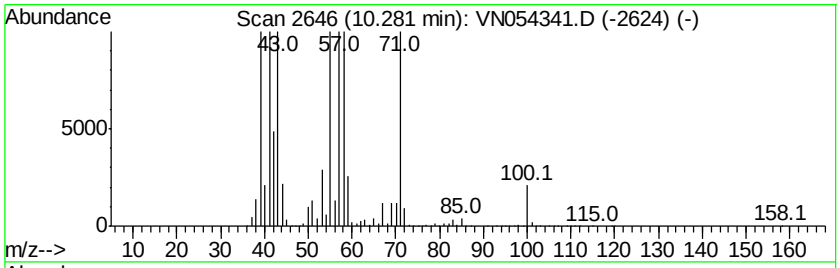
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

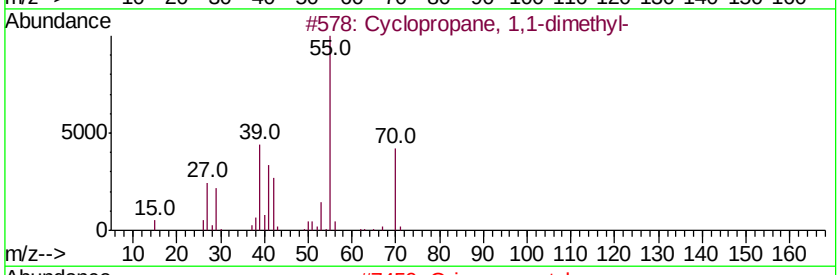
****

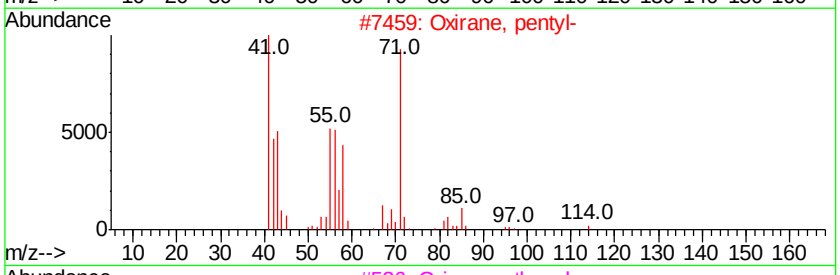
Peak Number 5 unknown10.28 Concentration Rank 3

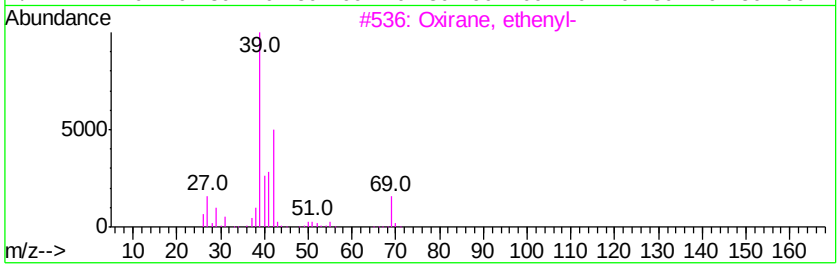
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	129.06 ug/l	328134000	Chlorobenzene-d5	11.41

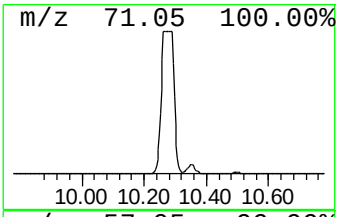
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	47
2	Oxirane, pentyl-	114	C7H14O	005063-65-0	47
3	Oxirane, ethenyl-	70	C4H6O	000930-22-3	43
4	2-Butene, 1-methoxy-, (Z)-	86	C5H10O	010034-16-9	42
5	Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	40

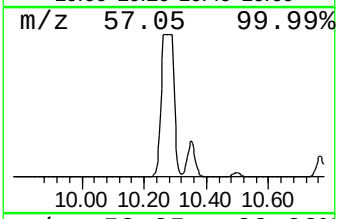


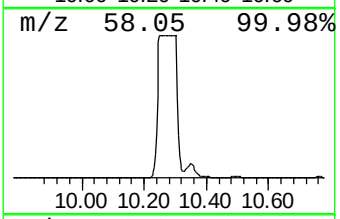


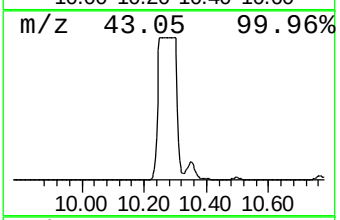


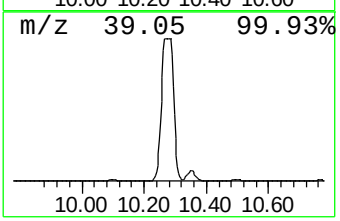












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031619\
Data File : VN054341.D
Acq On : 16 Mar 2019 17:13
Operator : JC/SP
Sample : K1960-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : T11-MW-9-9.0-031419

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260

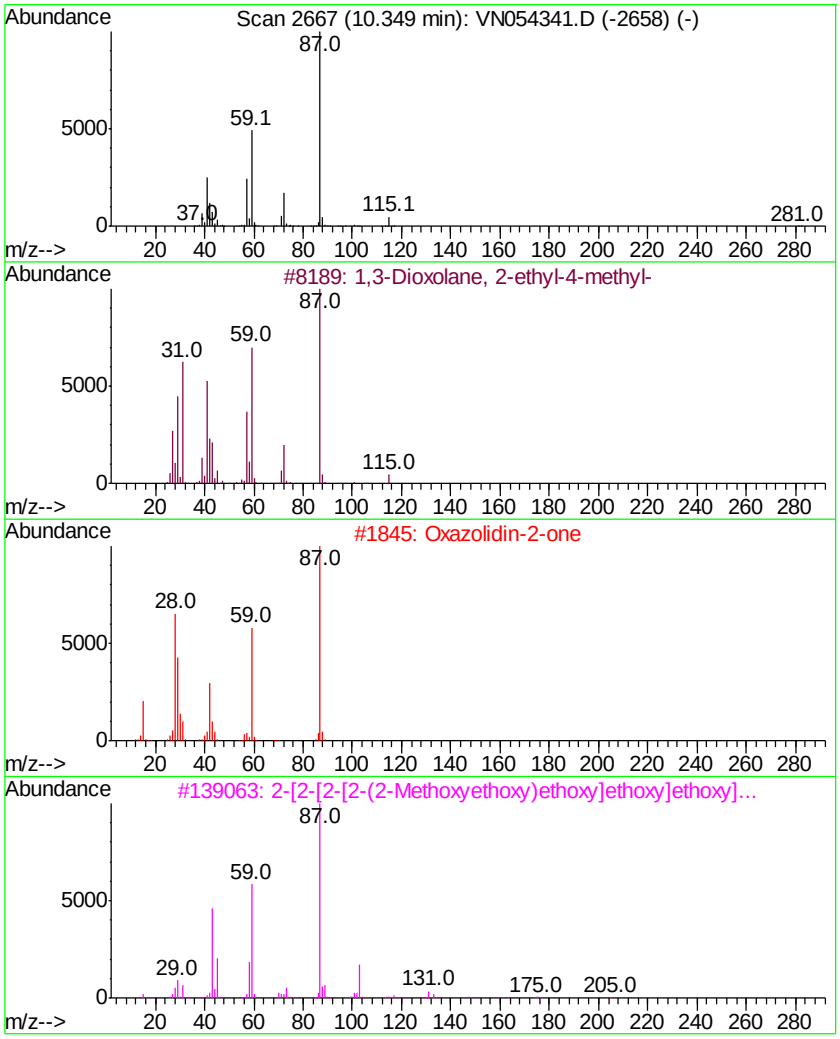
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

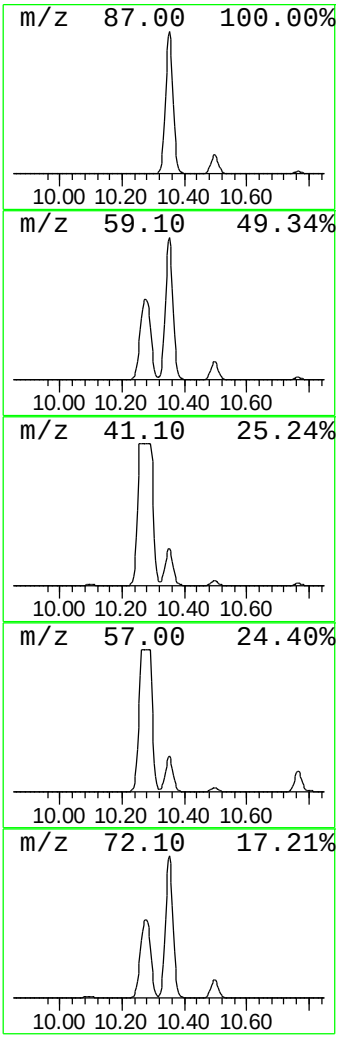
****

Peak Number 6 1,3-Dioxolane, 2-ethyl-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	16.57 ug/l	42131000	Chlorobenzene-d5	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-ethyl-4-methyl-	116	C6H12O2	004359-46-0	91
2	Oxazolidin-2-one	87	C3H5NO2	000497-25-6	72
3	2-[2-[2-[2-(2-Methoxyethoxy)etho...	294	C13H26O7	1000351-91-3	64
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	50
5	1,3-Dioxolane, 2-butyl-4-methyl-	144	C8H16O2	074094-60-3	39





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Instrument : MSVOA_N
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260

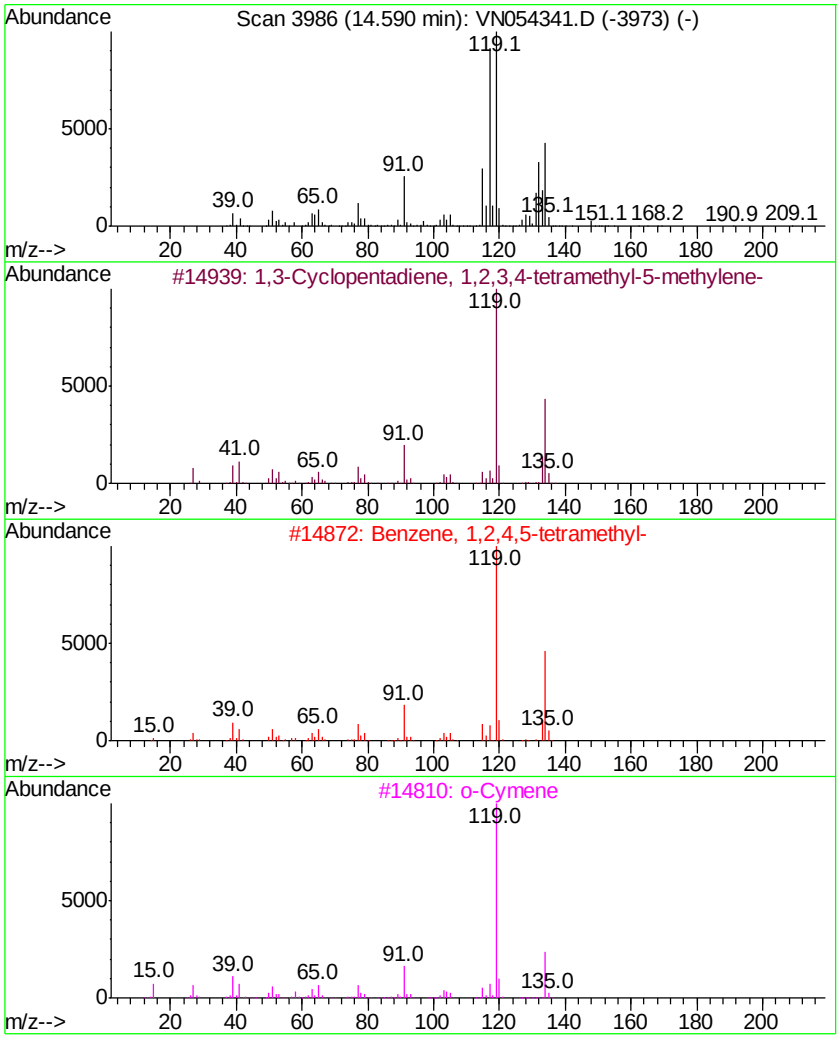
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

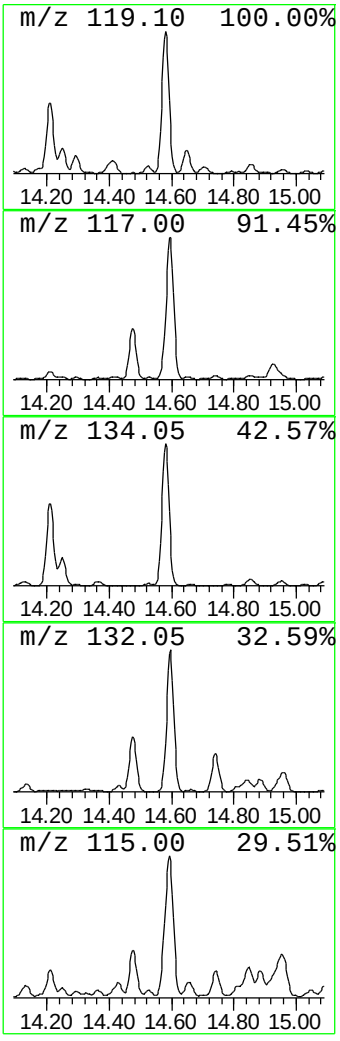
****

Peak Number 7 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	48.80 ug/l	8065260	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	64
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
3	o-Cymene	134	C10H14	000527-84-4	60
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
5	p-Cymene	134	C10H14	000099-87-6	60





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Quant Title : SW846 8260

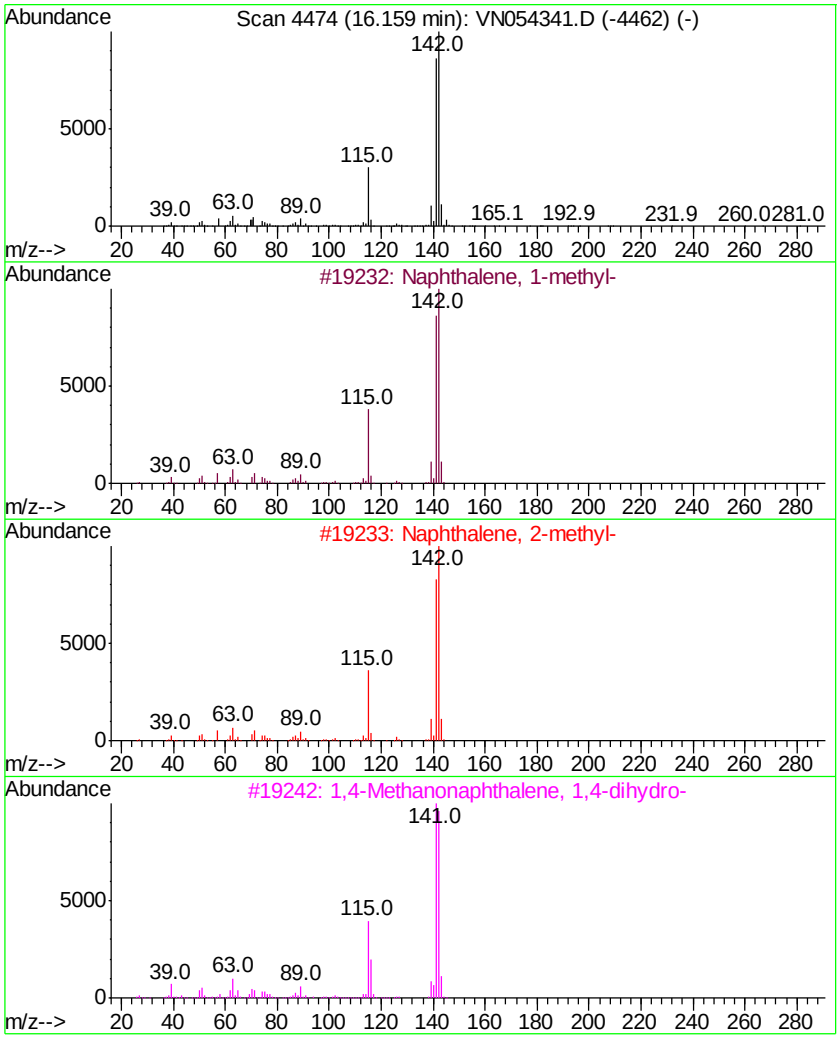
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

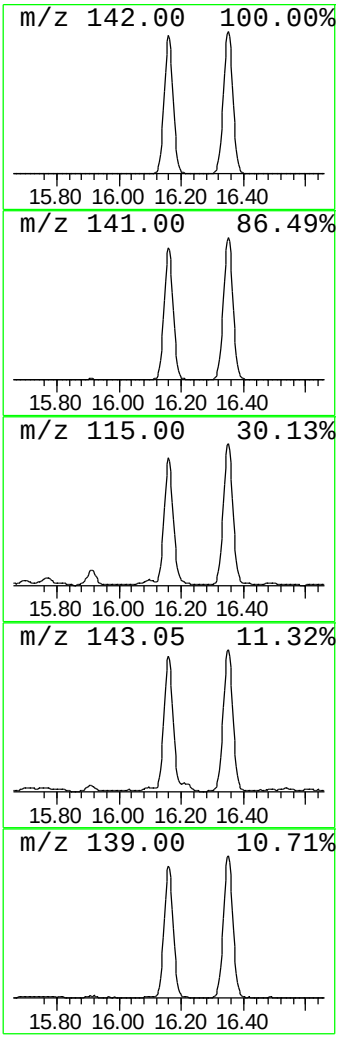
****

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	54.35 ug/l	8982080	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	3,4-Difluorobenzaldehyde	142	C7H4F2O	034036-07-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031619\
Data File : VN054341.D
Acq On : 16 Mar 2019 17:13
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Sample : K1960-04
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ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : T11-MW-9-9.0-031419

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Isopropyl Alcohol	4.09	75.2	ug/l	9481610	1	7.66	6302180	50.0
1-Propanol	6.17	1409.9	ug/l	177710000	1	7.66	6302180	50.0
Butanal, 2-methyl-	8.46	60.3	ug/l	9396010	2	8.58	7795520	50.0
unknown10.28	10.28	129.1	ug/l	328134000	3	11.41	127121000	50.0
1,3-Dioxolane, 2-...	10.35	16.6	ug/l	42131000	3	11.41	127121000	50.0
1,3-Cyclopentadie...	14.59	48.8	ug/l	8065260	4	13.34	8263810	50.0
Naphthalene, 1-me...	16.16	54.4	ug/l	8982080	4	13.34	8263810	50.0